

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58248 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 30 2012

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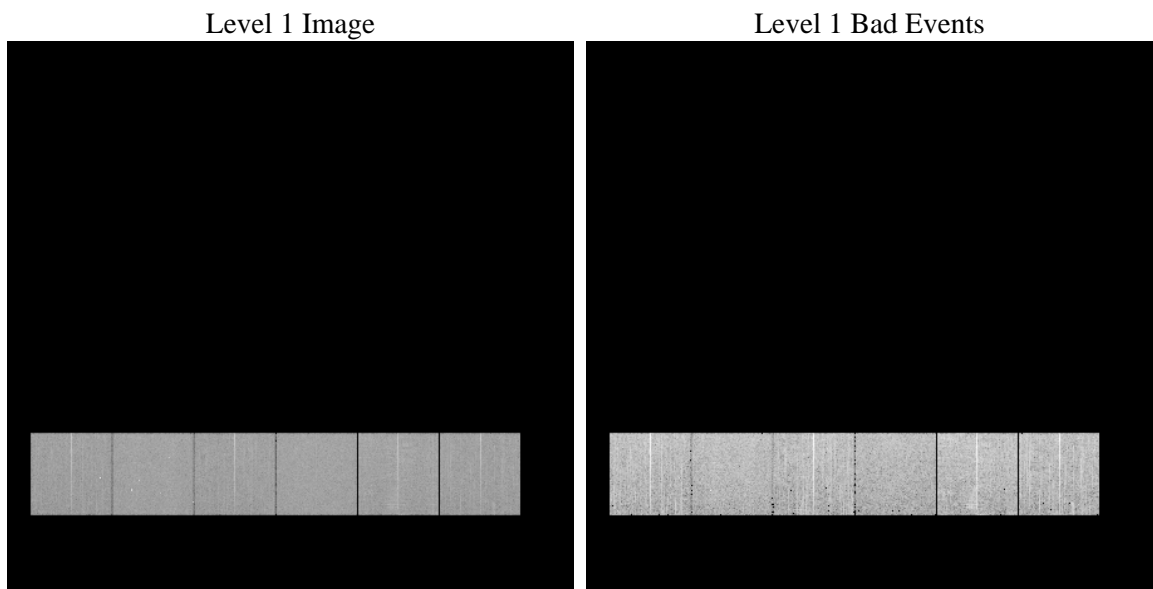
1 Front

seq_num	 	Sequence number
obs_id	58248	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	308.02507927187	Nominal RA [deg]
dec_nom	-20.0197901475	Nominal Dec [deg]
roll_nom	286.28819962429	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5086.4878445268	Sum of GTIs [s]
livetime	5022.0796727241	Livetime [s]
ontime4	4908.1104480624	Sum of GTIs [s]
ontime5	5086.4468045235	Sum of GTIs [s]
ontime6	4966.4894028306	Sum of GTIs [s]
ontime7	5086.4878445268	Sum of GTIs [s]
ontime8	5021.5038590431	Sum of GTIs [s]
ontime9	4979.5763644576	Sum of GTIs [s]
l2events	516425	Number of level 2 events

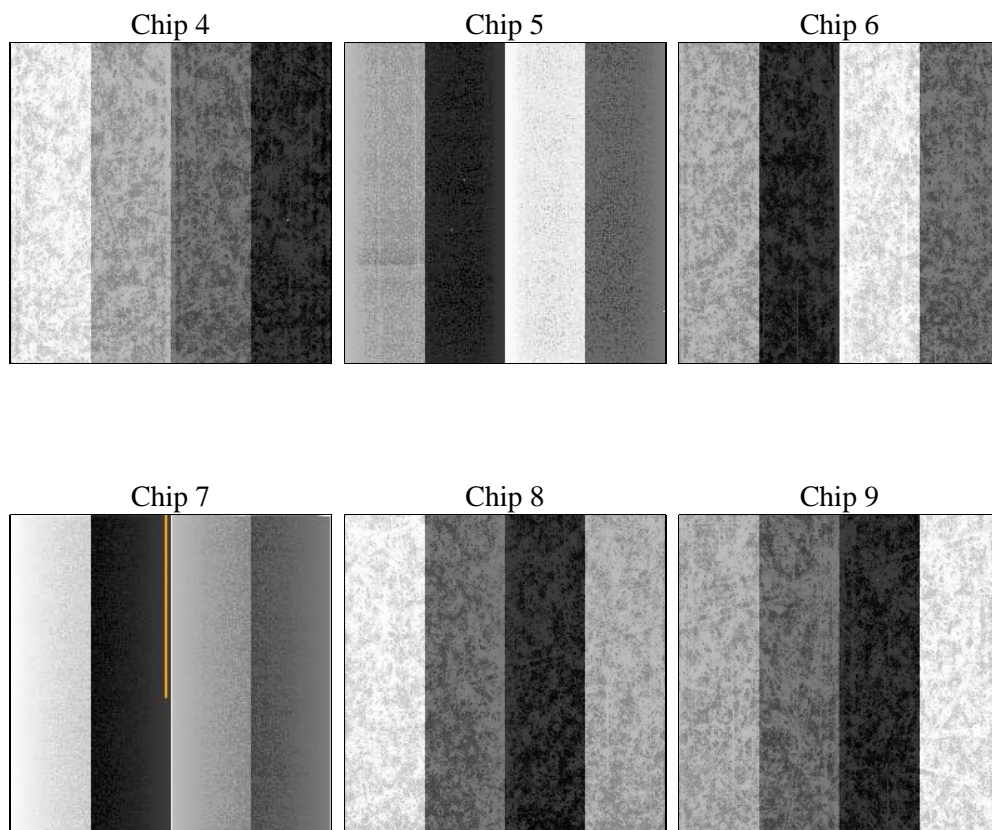
2 OBI

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	8.4.4	Processing system revision	ontime	5086.4878445268	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	4908.1104480624	Sum of GTIs [s]
date	2012-04-30T03:31:40	Date and time of file creation	ontime5	5086.4468045235	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	4966.4894028306	Sum of GTIs [s]
			ontime7	5086.4878445268	Sum of GTIs [s]
			ontime8	5021.5038590431	Sum of GTIs [s]
			ontime9	4979.5763644576	Sum of GTIs [s]
			l1events	844780	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	131661	143752	136285	146045	150723	136314	grade 0 events	46416	16646	44583	22906	48987	45255
rejected events	50187	44702	50150	40274	54215	50907		35%	11%	32%	15%	32%	33%
rejected %	38%	31%	36%	27%	35%	37%	grade 1 events	495	152	318	130	365	368
								0%	0%	0%	0%	0%	0%
							grade 2 events	12612	36803	15239	23020	17235	14512
								9%	25%	11%	15%	11%	10%
							grade 3 events	5506	4875	5372	9856	6449	5534
								4%	3%	3%	6%	4%	4%
							grade 4 events	5529	4704	5290	9571	6492	5541
								4%	3%	3%	6%	4%	4%
							grade 5 events	2534	6189	2750	6710	3582	3036
								1%	4%	2%	4%	2%	2%
							grade 6 events	11451	36075	15697	40479	17401	14606
								8%	25%	11%	27%	11%	10%
							grade 7 events	47118	38308	47036	33373	50212	47462
								35%	26%	34%	22%	33%	34%

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	308.0250792718679	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-20.01979014750009	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	286.2881996242861			
[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)	304572919.436651	304572918.41164			
Observation start date	2007-08-27T03:35:19	2007-08-27T03:35:18			
[s] Observation end time (MET)	304592519.487593	304592518.46259			
Observation end date	2007-08-27T09:01:59	2007-08-27T09:01:58			
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)	2012.05.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.0864878445268

A.2 Comments