

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58868 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 5 2012

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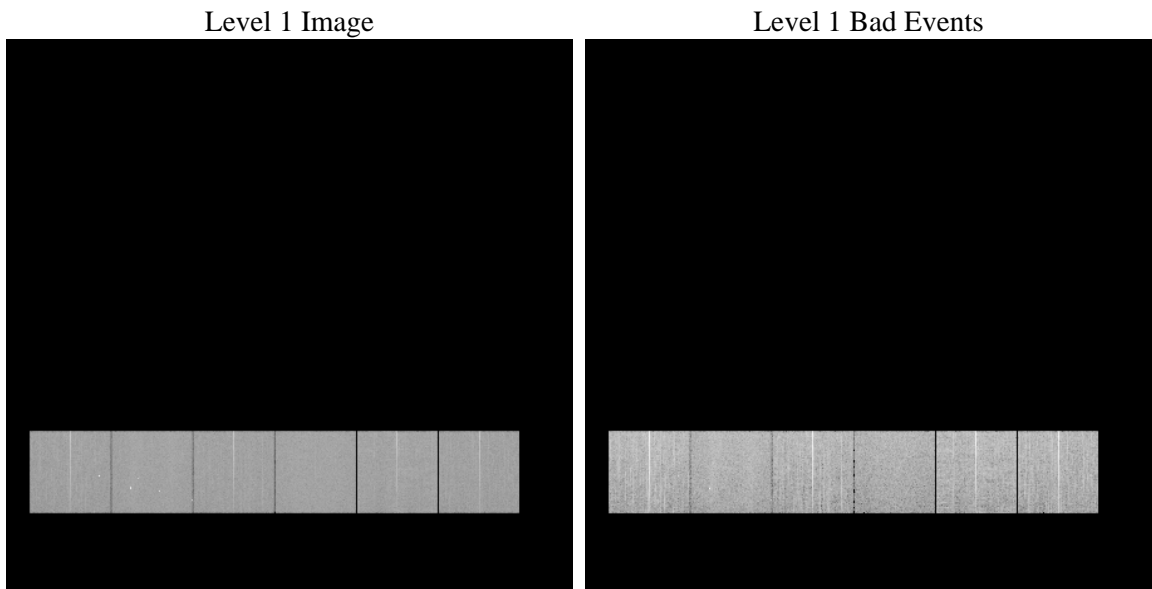
1 Front

seq_num	 	Sequence number
obs_id	58868	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	359.97616932164	Nominal RA [deg]
dec_nom	0.015843243221932	Nominal Dec [deg]
roll_nom	113.51468669408	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8271.999969244	Sum of GTIs [s]
livetime	8167.254924833	Livetime [s]
ontime4	8271.999969244	Sum of GTIs [s]
ontime5	8271.999969244	Sum of GTIs [s]
ontime6	8271.999969244	Sum of GTIs [s]
ontime7	8271.999969244	Sum of GTIs [s]
ontime8	8271.999969244	Sum of GTIs [s]
ontime9	8268.7590984702	Sum of GTIs [s]
l2events	883284	Number of level 2 events

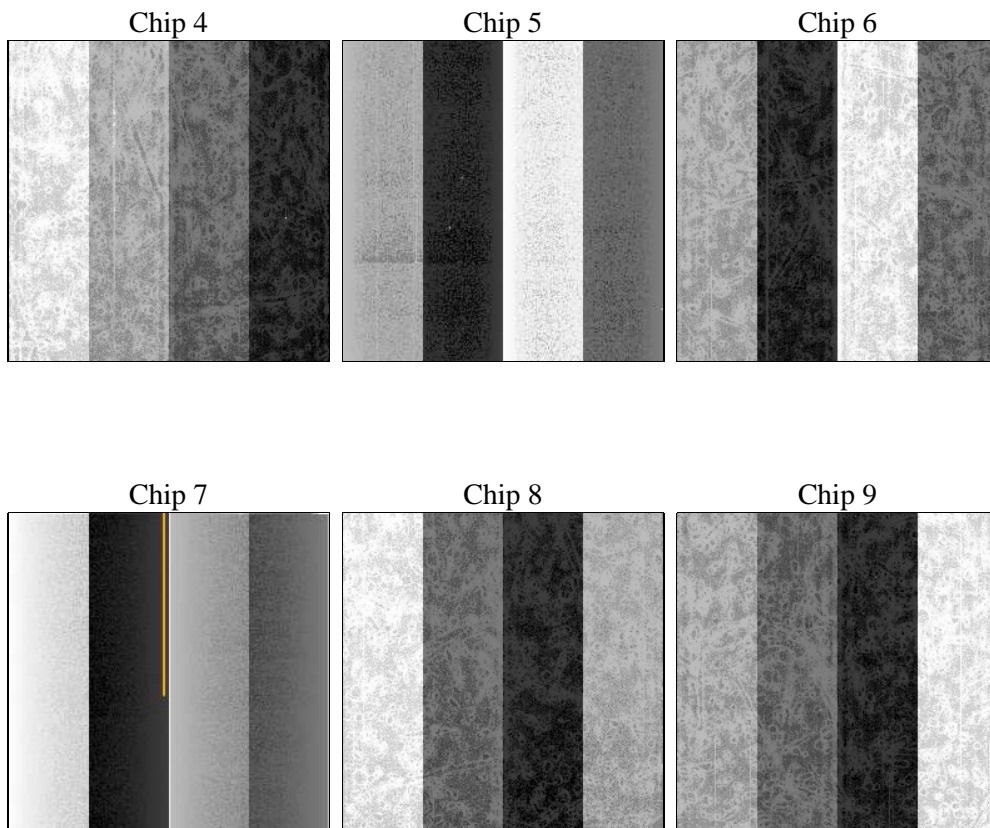
2 OBI

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	8.4.3.1	Processing system revision	ontime	8271.999969244	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8271.999969244	Sum of GTIs [s]
date	2012-04-06T01:42:07	Date and time of file creation	ontime5	8271.999969244	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8271.999969244	Sum of GTIs [s]
			ontime7	8271.999969244	Sum of GTIs [s]
			ontime8	8271.999969244	Sum of GTIs [s]
			ontime9	8268.7590984702	Sum of GTIs [s]
			l1events	1395381	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	225462	235409	227915	239260	242268	225067	grade 0 events	84823	25164	79627	38289	86672	81299
rejected events	83042	70357	76375	61448	79810	78063		37%	10%	34%	16%	35%	36%
rejected %	36%	29%	33%	25%	32%	34%	grade 1 events	831	272	417	168	492	603
								0%	0%	0%	0%	0%	0%
							grade 2 events	20107	65625	28676	39147	28653	24270
								8%	27%	12%	16%	11%	10%
							grade 3 events	9685	7202	8967	16724	10767	9504
								4%	3%	3%	6%	4%	4%
							grade 4 events	9754	6802	9116	16723	10828	9546
								4%	2%	3%	6%	4%	4%
							grade 5 events	3904	9055	3995	9901	5165	4417
								1%	3%	1%	4%	2%	1%
							grade 6 events	18051	60259	25154	66929	25538	22385
								8%	25%	11%	27%	10%	9%
							grade 7 events	78307	61030	71963	51379	74153	73043
								34%	25%	31%	21%	30%	32%

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	359.9761693216376	Alternating exposures requested	N	N
[deg] Pointing Dec	0	0.0158432432219319	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	113.5146866940798			
[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)	269848921.038491	269848920.0135			
Observation start date	2006-07-21T06:02:01	2006-07-21T06:02:00			
[s] Observation end time (MET)	269870230.789487	269870229.7645			
Observation end date	2006-07-21T11:57:11	2006-07-21T11:57:09			
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)	2012.04.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.271999969244

A.2 Comments