

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58825 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 7 2012

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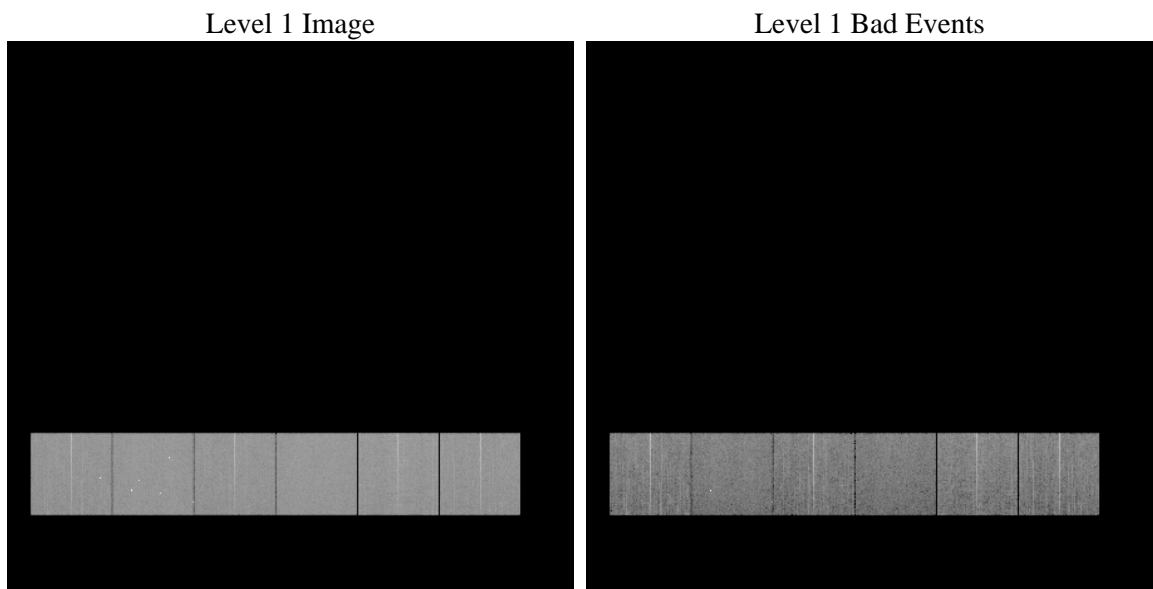
1 Front

seq_num	 	Sequence number
obs_id	58825	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	119.9650640972	Nominal RA [deg]
dec_nom	-35.000762895996	Nominal Dec [deg]
roll_nom	148.62274348866	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8232.7627815604	Sum of GTIs [s]
livetime	8128.5145820457	Livetime [s]
ontime4	8232.6396615505	Sum of GTIs [s]
ontime5	8232.7217415571	Sum of GTIs [s]
ontime6	8232.6807015538	Sum of GTIs [s]
ontime7	8232.7627815604	Sum of GTIs [s]
ontime8	8232.5986215472	Sum of GTIs [s]
ontime9	8232.8038215637	Sum of GTIs [s]
l2events	882265	Number of level 2 events

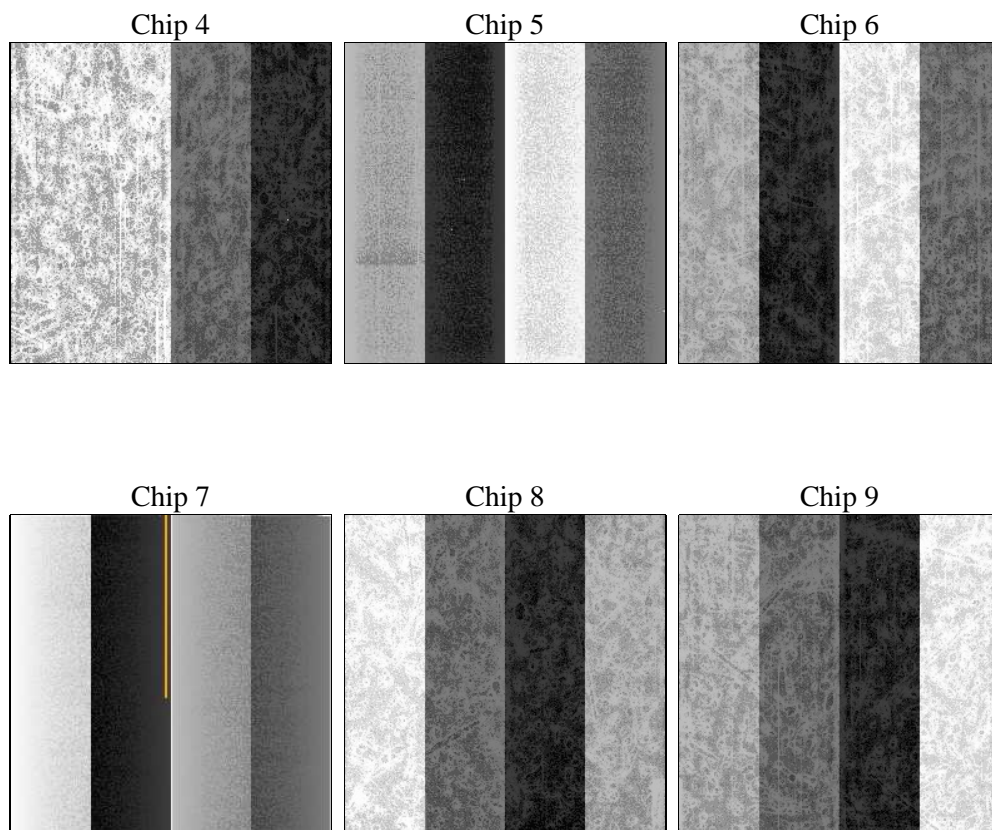
2 OBI

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	8232.7627815604	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8232.6396615505	Sum of GTIs [s]
date	2012-04-07T13:37:16	Date and time of file creation	ontime5	8232.7217415571	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8232.6807015538	Sum of GTIs [s]
			ontime7	8232.7627815604	Sum of GTIs [s]
			ontime8	8232.5986215472	Sum of GTIs [s]
			ontime9	8232.8038215637	Sum of GTIs [s]
			l1events	1396773	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	224058	239805	225607	239560	243155	224588	grade 0 events	83747	30278	81971	38567	85774	80542
rejected events	81537	71398	74047	62642	81746	77418		37%	12%	36%	16%	35%	35%
rejected %	36%	29%	32%	26%	33%	34%	grade 1 events	753	265	454	164	578	563
								0%	0%	0%	0%	0%	0%
							grade 2 events	22050	63744	26508	38503	28827	25221
								9%	26%	11%	16%	11%	11%
							grade 3 events	9600	8093	9559	17192	10950	9649
								4%	3%	4%	7%	4%	4%
							grade 4 events	9664	7791	9597	16699	10909	9523
								4%	3%	4%	6%	4%	4%
							grade 5 events	4006	10558	4223	10114	5357	4674
								1%	4%	1%	4%	2%	2%
							grade 6 events	18206	59328	24664	66843	25833	22947
								8%	24%	10%	27%	10%	10%
							grade 7 events	76032	59748	68631	51478	74927	71469
								33%	24%	30%	21%	30%	31%

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	119.965064097201	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-35.00076289599589	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	148.6227434886585			
[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)	272130068.895478	272130067.87047			
Observation start date	2006-08-16T15:41:09	2006-08-16T15:41:07			
[s] Observation end time (MET)	272153024.796555	272153023.77155			
Observation end date	2006-08-16T22:03:45	2006-08-16T22:03:43			
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)	2012.04.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2327627815604

A.2 Comments