

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 58956 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 2 2012

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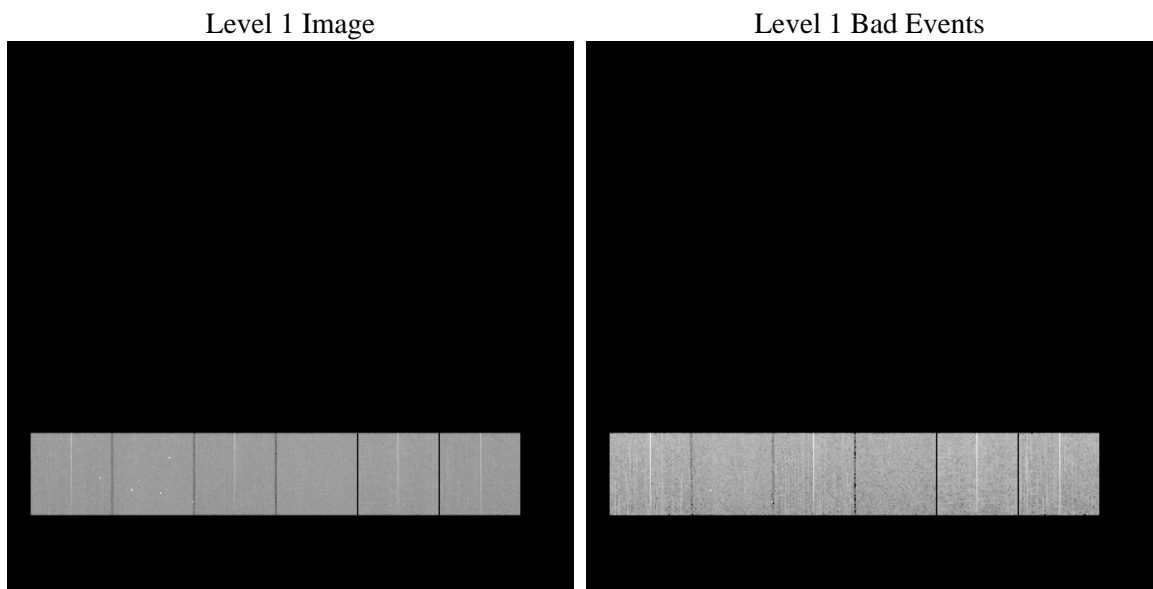
1 Front

seq_num	 	Sequence number
obs_id	58956	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	273.98714010806	Nominal RA [deg]
dec_nom	-30.47362857073	Nominal Dec [deg]
roll_nom	79.937186485385	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8271.8896436691	Sum of GTIs [s]
livetime	8167.145996267	Livetime [s]
ontime4	8271.7665236592	Sum of GTIs [s]
ontime5	8271.8486036658	Sum of GTIs [s]
ontime6	8271.8075636625	Sum of GTIs [s]
ontime7	8271.8896436691	Sum of GTIs [s]
ontime8	8271.7254836857	Sum of GTIs [s]
ontime9	8271.9306836724	Sum of GTIs [s]
l2events	935057	Number of level 2 events

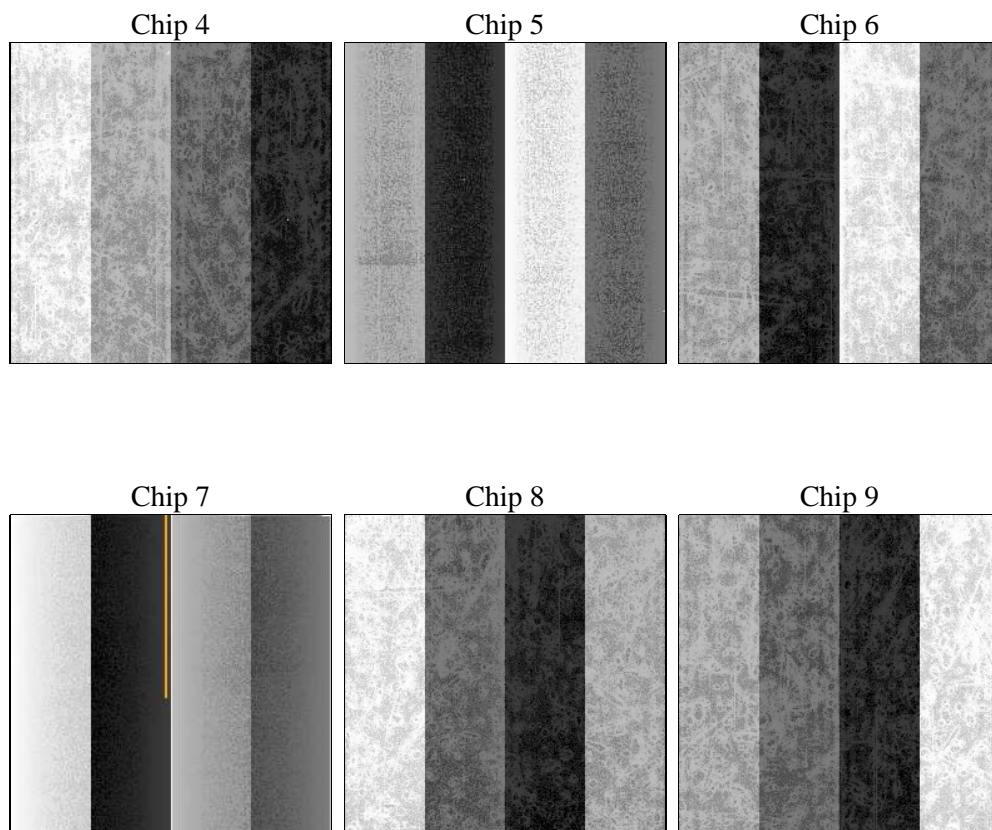
2 OBI

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	Processing system revision	ontime	8271.8896436691	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8271.7665236592	Sum of GTIs [s]
date	2012-04-02T05:11:00	Date and time of file creation	ontime5	8271.8486036658	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8271.8075636625	Sum of GTIs [s]
			ontime7	8271.8896436691	Sum of GTIs [s]
			ontime8	8271.7254836857	Sum of GTIs [s]
			ontime9	8271.9306836724	Sum of GTIs [s]
			l1events	1433038	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	228799	243363	232516	247764	251010	229586	grade 0 events	87823	36383	86912	42018	90799	85375
rejected events	76699	66525	70805	60834	79125	73349		38%	14%	37%	16%	36%	37%
rejected %	33%	27%	30%	24%	31%	31%	grade 1 events	774	409	543	178	588	599
								0%	0%	0%	0%	0%	0%
							grade 2 events	24075	63390	28144	40764	30468	26917
								10%	26%	12%	16%	12%	11%
							grade 3 events	10486	9385	10198	18283	11697	10143
								4%	3%	4%	7%	4%	4%
							grade 4 events	10282	9099	10286	18364	11684	10220
								4%	3%	4%	7%	4%	4%
							grade 5 events	4002	9808	4283	10417	5326	4595
								1%	4%	1%	4%	2%	2%
							grade 6 events	19489	58648	26224	67576	27304	23635
								8%	24%	11%	27%	10%	10%
							grade 7 events	71868	56241	65926	50164	73144	68102
								31%	23%	28%	20%	29%	29%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	273.9871401080551
[deg] Pointing Dec	0	-30.47362857072968
[deg] Pointing Roll	0.0	79.93718648538537
[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)	264820262.60325	264820261.57825
Observation start date	2006-05-24T01:11:03	2006-05-24T01:11:01
[s] Observation end time (MET)	264844223.004368	264844221.97937
Observation end date	2006-05-24T07:50:23	2006-05-24T07:50:21
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.04.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2718896436691

A.2 Comments