

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60838 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 23 2012

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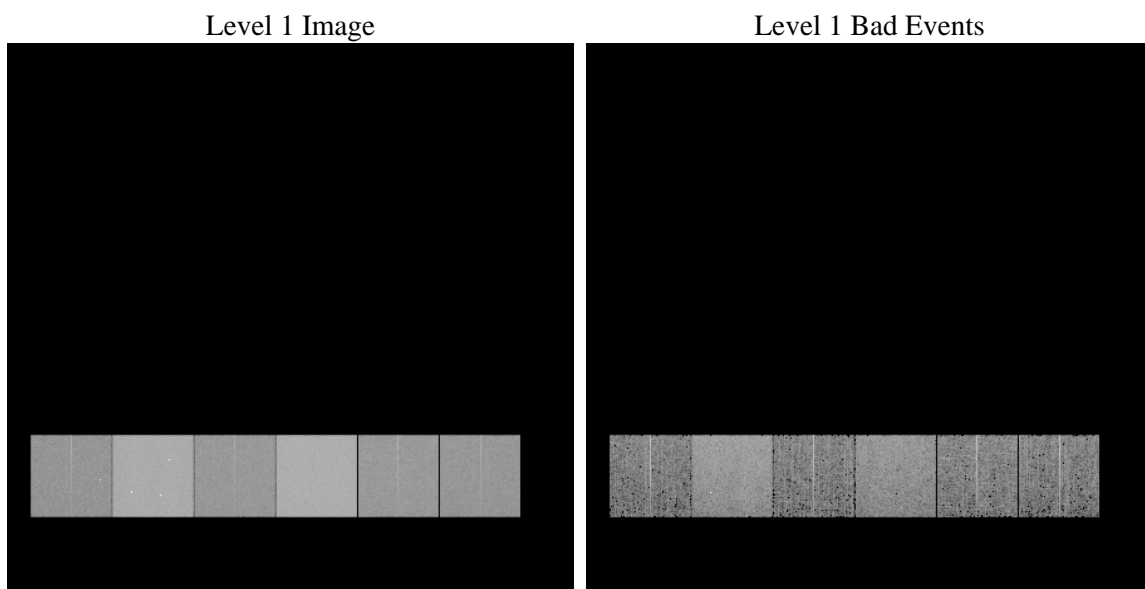
1 Front

seq_num	 	Sequence number
obs_id	60838	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	67.823901468944	Nominal RA [deg]
dec_nom	41.377725228544	Nominal Dec [deg]
roll_nom	275.92258901555	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8463.8745929897	Sum of GTIs [s]
livetime	8356.6999165598	Livetime [s]
ontime4	3553.9168750048	Sum of GTIs [s]
ontime5	8463.915632993	Sum of GTIs [s]
ontime6	3806.6744336486	Sum of GTIs [s]
ontime7	8463.8745929897	Sum of GTIs [s]
ontime8	3926.6355407834	Sum of GTIs [s]
ontime9	3712.5615419745	Sum of GTIs [s]
l2events	1272804	Number of level 2 events

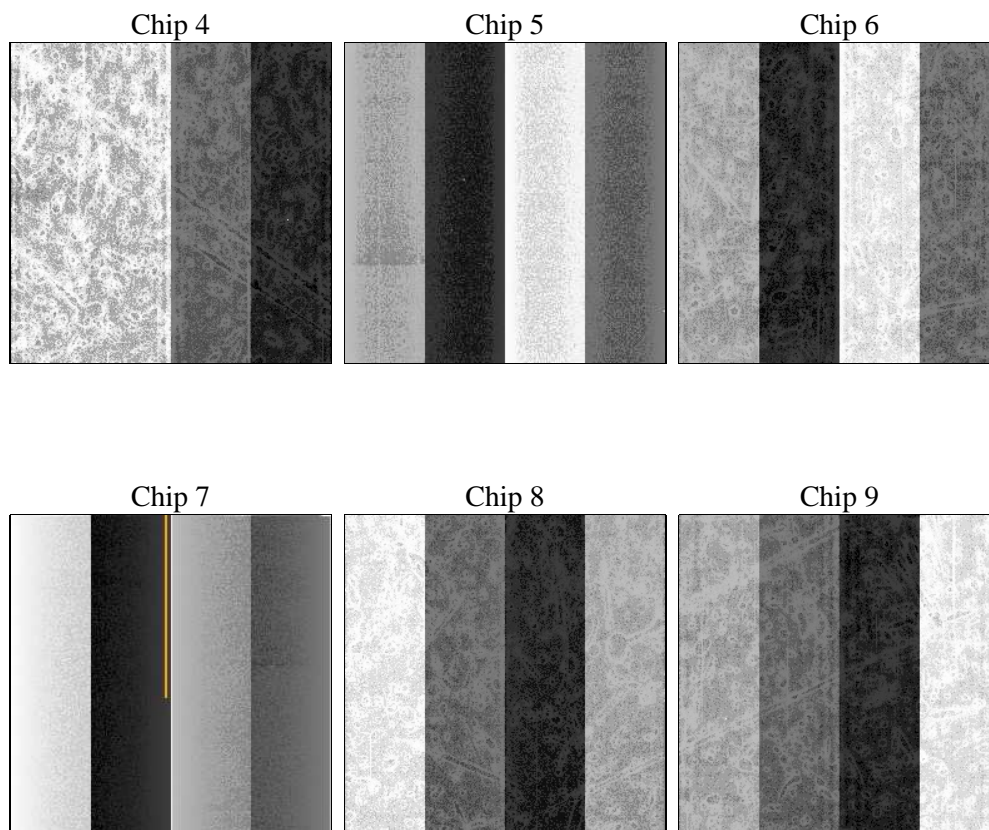
2 OBI

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	8463.8745929897	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	3553.9168750048	Sum of GTIs [s]
date	2012-10-23T08:16:39	Date and time of file creation	ontime5	8463.915632993	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3806.6744336486	Sum of GTIs [s]
			ontime7	8463.8745929897	Sum of GTIs [s]
			ontime8	3926.6355407834	Sum of GTIs [s]
			ontime9	3712.5615419745	Sum of GTIs [s]
			l1events	1543997	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	171093	383146	193140	413639	200879	182100	grade 0 events	84486	77877	90788	92570	94354	85764
rejected events	25981	55603	26832	43553	29341	26964		49%	20%	47%	22%	46%	47%
rejected %	15%	14%	13%	10%	14%	14%	grade 1 events	593	217	499	243	489	438
								0%	0%	0%	0%	0%	0%
							grade 2 events	23330	117630	28823	81882	30098	26558
								13%	30%	14%	19%	14%	14%
							grade 3 events	9584	20227	10121	37520	10997	9942
								5%	5%	5%	9%	5%	5%
							grade 4 events	9556	19721	10297	36945	11059	9893
								5%	5%	5%	8%	5%	5%
							grade 5 events	1699	9626	1879	8458	2195	1952
								0%	2%	0%	2%	1%	1%
							grade 6 events	18156	92088	26279	121169	25030	23113
								10%	24%	13%	29%	12%	12%
							grade 7 events	23689	45760	24454	34852	26657	24440
								13%	11%	12%	8%	13%	13%

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	67.82390146894419	Alternating exposures requested	N	N
[deg] Pointing Dec	0	41.37772522854382	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	275.9225890155486			
[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)	162238184.229431	162238183.20473			
Observation start date	2003-02-21T18:09:44	2003-02-21T18:09:43			
[s] Observation end time (MET)	162260164.330354	162260163.30565			
Observation end date	2003-02-22T00:16:04	2003-02-22T00:16:03			
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)	2012.11.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4638745929897

A.2 Comments