

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60826 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 24 2012

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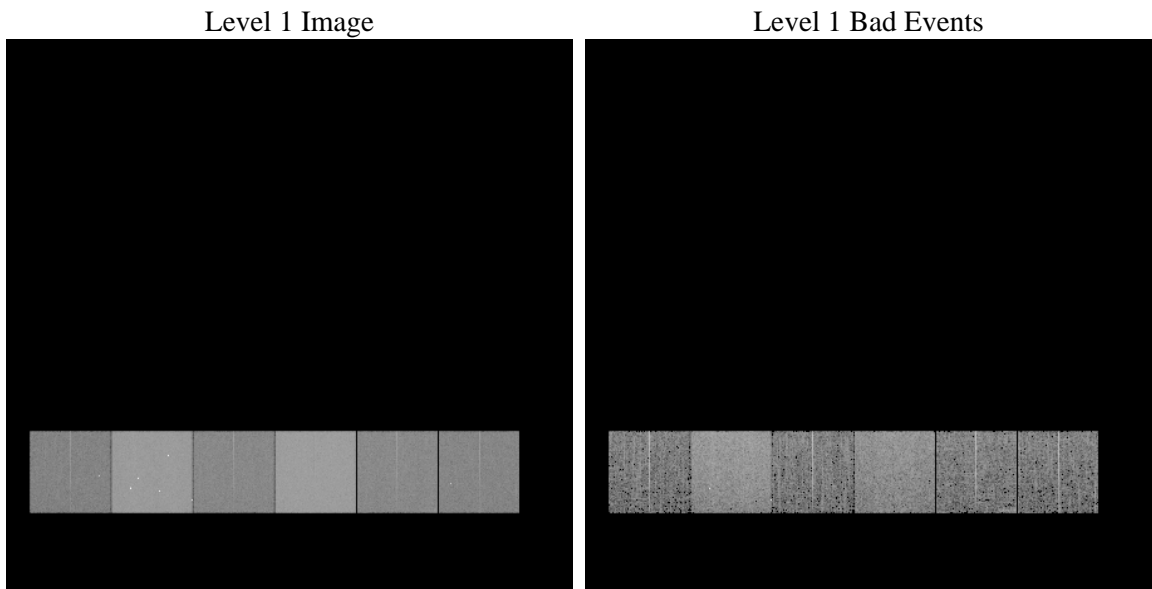
1 Front

seq_num	 	Sequence number
obs_id	60826	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	173.01751791599	Nominal RA [deg]
dec_nom	-16.576809866428	Nominal Dec [deg]
roll_nom	21.098198193098	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7788.7999709845	Sum of GTIs [s]
livetime	7690.1734958996	Livetime [s]
ontime4	3147.7034783065	Sum of GTIs [s]
ontime5	7788.7999709845	Sum of GTIs [s]
ontime6	3560.9848937988	Sum of GTIs [s]
ontime7	7788.7999709845	Sum of GTIs [s]
ontime8	3661.5385268033	Sum of GTIs [s]
ontime9	3355.1288734674	Sum of GTIs [s]
l2events	1157061	Number of level 2 events

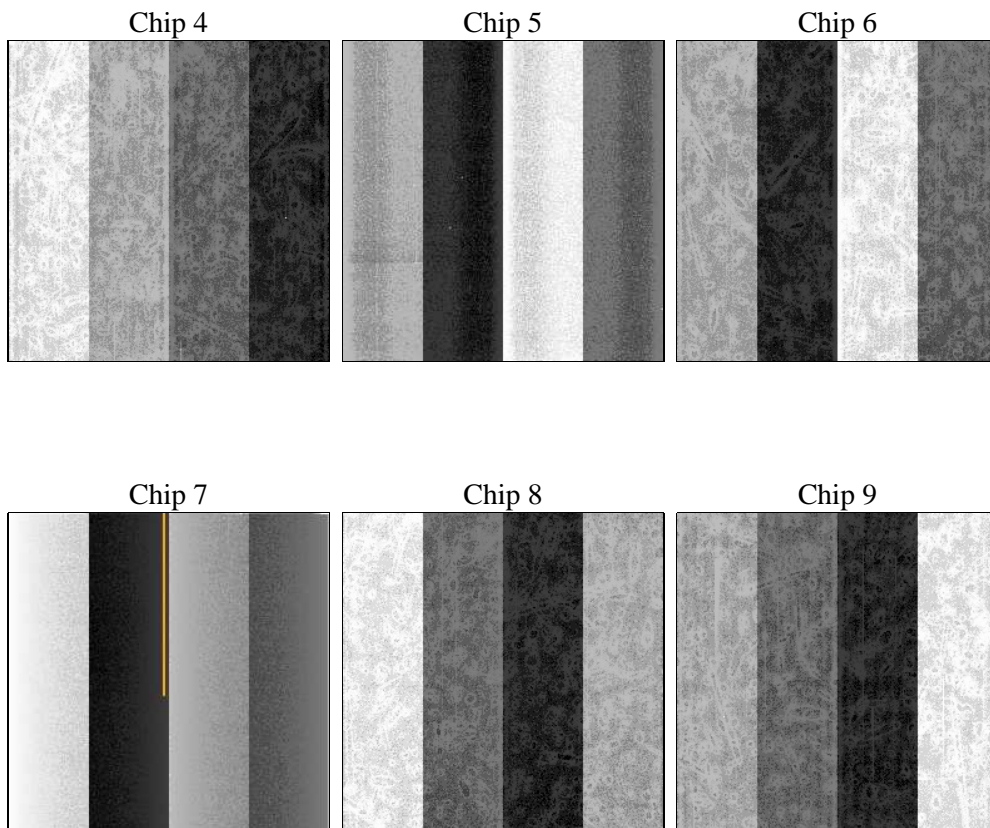
2 OBI

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	7788.7999709845	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	3147.7034783065	Sum of GTIs [s]
date	2012-10-24T11:29:31	Date and time of file creation	ontime5	7788.7999709845	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3560.9848937988	Sum of GTIs [s]
			ontime7	7788.7999709845	Sum of GTIs [s]
			ontime8	3661.5385268033	Sum of GTIs [s]
			ontime9	3355.1288734674	Sum of GTIs [s]
			l1events	1422656	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	149921	359479	179488	381704	187166	164898	grade 0 events	73425	72016	83693	84477	87859	77267
rejected events	25123	53856	26884	42278	27801	25480		48%	20%	46%	22%	46%	46%
rejected %	16%	14%	14%	11%	14%	15%	grade 1 events	589	948	387	230	427	442
								0%	0%	0%	0%	0%	0%
							grade 2 events	19041	113219	26089	74370	27533	23509
								12%	31%	14%	19%	14%	14%
							grade 3 events	8348	17411	9497	33908	10208	9022
								5%	4%	5%	8%	5%	5%
							grade 4 events	8312	17254	9358	33993	10319	8860
								5%	4%	5%	8%	5%	5%
							grade 5 events	1519	9138	1757	8083	2058	1836
								1%	2%	0%	2%	1%	1%
							grade 6 events	15819	85853	23967	112678	23446	20760
								10%	23%	13%	29%	12%	12%
							grade 7 events	22868	43640	24740	33965	25316	23202
								15%	12%	13%	8%	13%	14%

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	173.0175179159878	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-16.57680986642825	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	21.09819819309835			
[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)	163119489.516516	163119488.49178			
Observation start date	2003-03-03T22:58:10	2003-03-03T22:58:08			
[s] Observation end time (MET)	163130639.466985	163130638.44224			
Observation end date	2003-03-04T02:03:59	2003-03-04T02:03:58			
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	7.7887999709845

A.2 Comments