

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60777 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 26 2012

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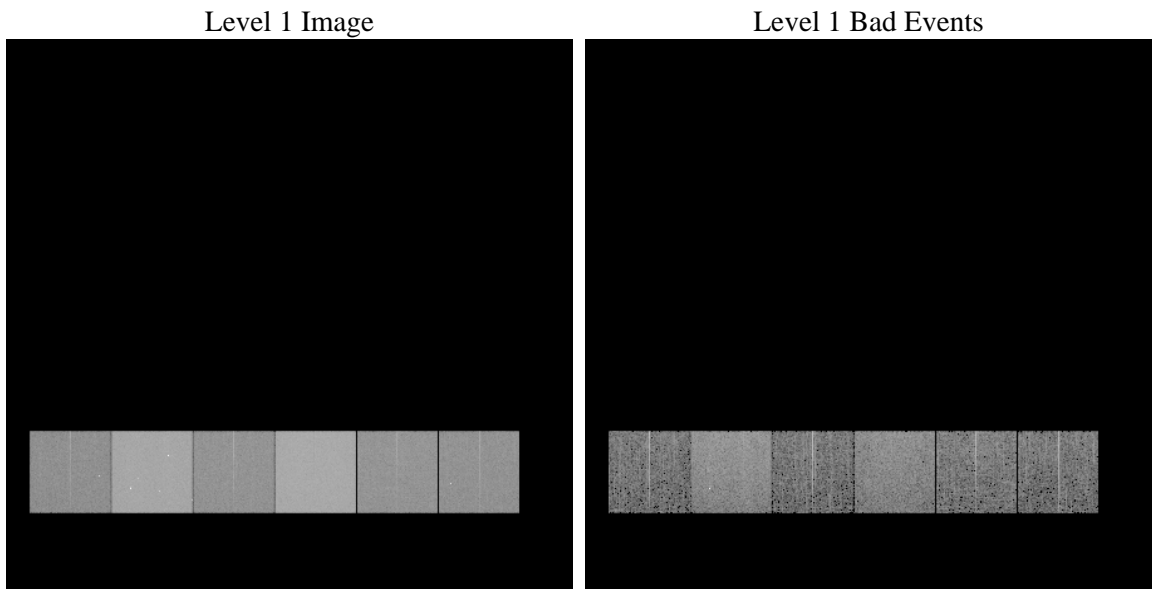
1 Front

seq_num	 	Sequence number
obs_id	60777	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	86.11729247521	Nominal RA [deg]
dec_nom	22.356297400845	Nominal Dec [deg]
roll_nom	271.07546370799	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7788.607370913	Sum of GTIs [s]
livetime	7689.9833346462	Livetime [s]
ontime4	3163.6126279533	Sum of GTIs [s]
ontime5	7788.5663309097	Sum of GTIs [s]
ontime6	3451.6989910007	Sum of GTIs [s]
ontime7	7788.607370913	Sum of GTIs [s]
ontime8	3526.5655158162	Sum of GTIs [s]
ontime9	3406.3246603608	Sum of GTIs [s]
l2events	1171265	Number of level 2 events

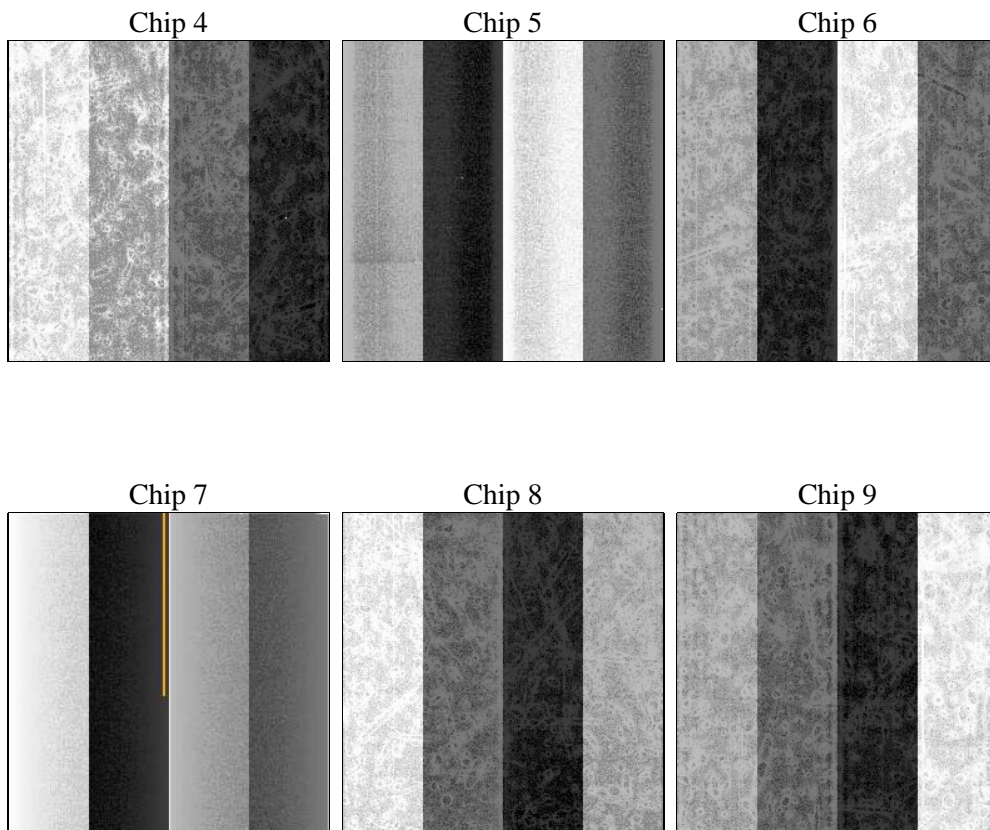
2 OBI

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	7788.607370913	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	3163.6126279533	Sum of GTIs [s]
date	2012-10-26T19:15:24	Date and time of file creation	ontime5	7788.5663309097	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3451.6989910007	Sum of GTIs [s]
			ontime7	7788.607370913	Sum of GTIs [s]
			ontime8	3526.5655158162	Sum of GTIs [s]
			ontime9	3406.3246603608	Sum of GTIs [s]
			l1events	1423576	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	154170	354012	177160	383438	184939	169857	grade 0 events	74966	73553	82495	86436	85318	79548
rejected events	24966	51233	25089	40604	28195	24917		48%	20%	46%	22%	46%	46%
rejected %	16%	14%	14%	10%	15%	14%	grade 1 events	569	327	404	206	485	468
								0%	0%	0%	0%	0%	0%
							grade 2 events	20588	107344	26374	75614	27182	24671
								13%	30%	14%	19%	14%	14%
							grade 3 events	8512	19095	9295	34354	10128	9324
								5%	5%	5%	8%	5%	5%
							grade 4 events	8523	18681	9479	34139	10137	9302
								5%	5%	5%	8%	5%	5%
							grade 5 events	1502	9079	1704	7778	2046	1872
								0%	2%	0%	2%	1%	1%
							grade 6 events	16736	84240	24428	112422	24097	22095
								10%	23%	13%	29%	13%	13%
							grade 7 events	22774	41693	22981	32489	25546	22577
								14%	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	86.11729247520998	Alternating exposures requested	N	N
[deg] Pointing Dec	0	22.35629740084483	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	271.0754637079898			
[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)	166768208.820298	166768207.79559			
Observation start date	2003-04-15T04:30:09	2003-04-15T04:30:07			
[s] Observation end time (MET)	166807757.421968	166807756.39726			
Observation end date	2003-04-15T15:29:17	2003-04-15T15:29:16			
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)	2012.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.788607370913

A.2 Comments