

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60367 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 12 2012

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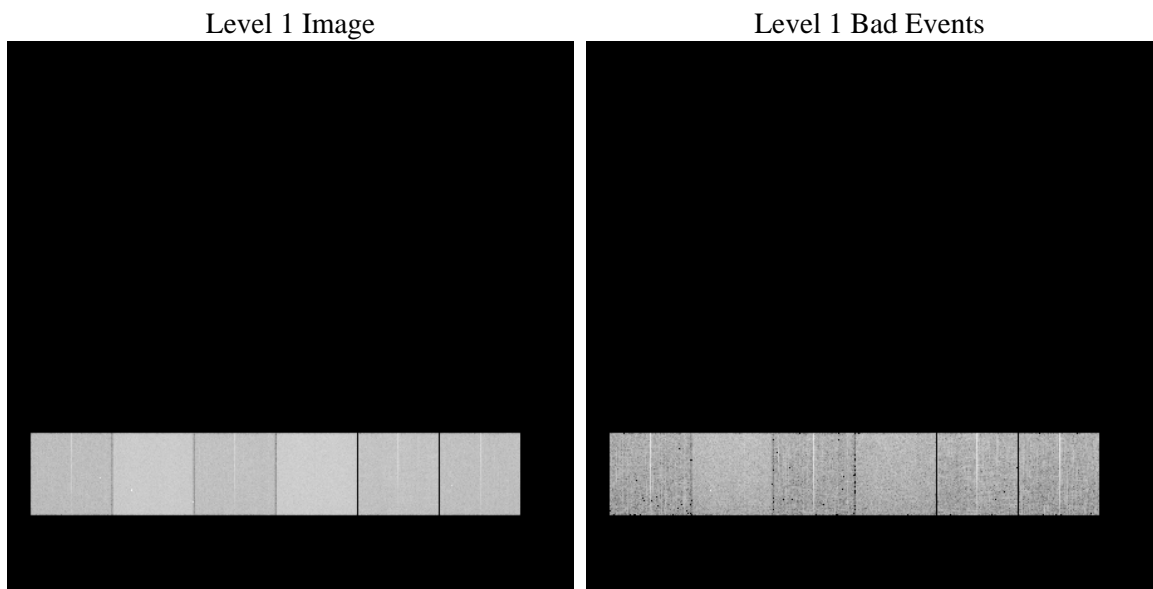
1 Front

seq_num	 	Sequence number
obs_id	60367	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	122.21205571643	Nominal RA [deg]
dec_nom	18.473763282912	Nominal Dec [deg]
roll_nom	260.67190508616	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8393.3168160319	Sum of GTIs [s]
livetime	8287.0355846587	Livetime [s]
ontime4	5038.7788660526	Sum of GTIs [s]
ontime5	8393.2757760286	Sum of GTIs [s]
ontime6	5421.256302774	Sum of GTIs [s]
ontime7	8393.3168160319	Sum of GTIs [s]
ontime8	5613.4482445419	Sum of GTIs [s]
ontime9	5298.222302705	Sum of GTIs [s]
l2events	1199400	Number of level 2 events

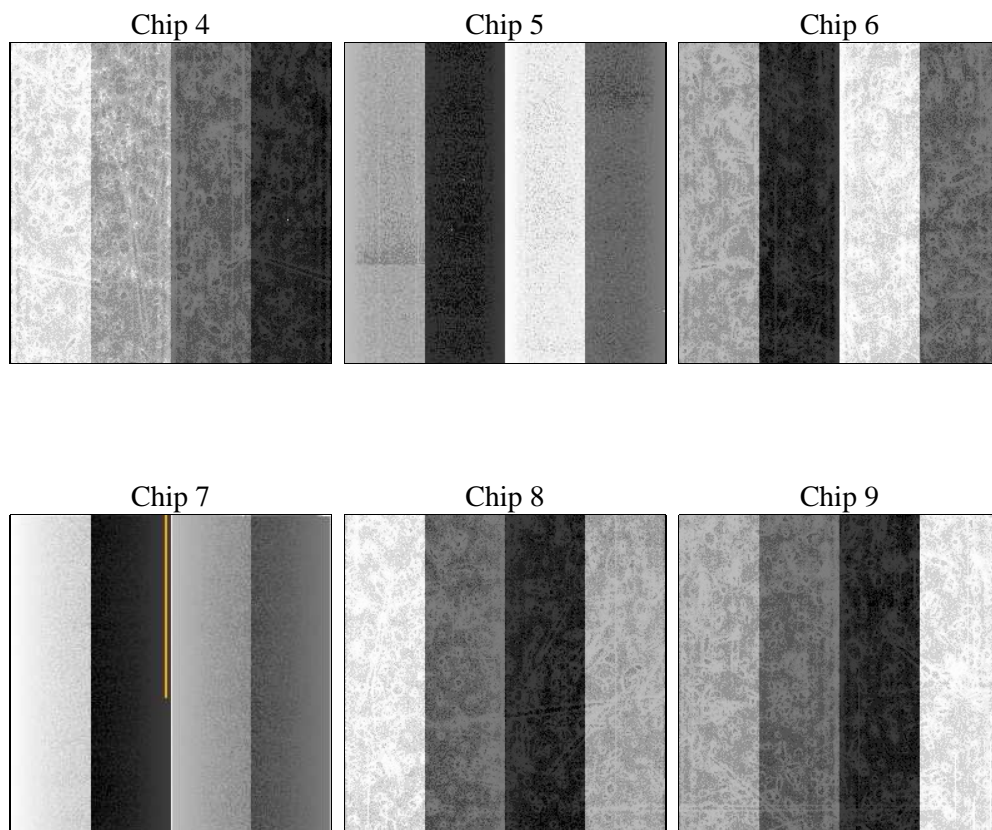
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	8393.3168160319	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	5038.7788660526	Sum of GTIs [s]
date	2012-11-12T04:22:31	Date and time of file creation	ontime5	8393.2757760286	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5421.256302774	Sum of GTIs [s]
			ontime7	8393.3168160319	Sum of GTIs [s]
			ontime8	5613.4482445419	Sum of GTIs [s]
			ontime9	5298.222302705	Sum of GTIs [s]
			l1events	1533628	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	197387	316339	224309	342830	239443	213320	grade 0 events	93224	57352	101484	72932	107301	96243
rejected events	38822	57194	39538	48889	45360	40465		47%	18%	45%	21%	44%	45%
rejected %	19%	18%	17%	14%	18%	18%	grade 1 events	672	204	510	222	554	537
								0%	0%	0%	0%	0%	0%
							grade 2 events	25102	95400	32074	65074	34325	29886
								12%	30%	14%	18%	14%	14%
							grade 3 events	10679	15558	11415	29702	12587	11220
								5%	4%	5%	8%	5%	5%
							grade 4 events	10579	15579	11521	29555	12691	11054
								5%	4%	5%	8%	5%	5%
							grade 5 events	2187	9040	2622	8638	3118	2671
								1%	2%	1%	2%	1%	1%
							grade 6 events	20100	77307	29866	98954	28974	25958
								10%	24%	13%	28%	12%	12%
							grade 7 events	34844	45899	34817	37753	39893	35751
								17%	14%	15%	11%	16%	16%

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	122.2120557164347	Alternating exposures requested	N	N
[deg] Pointing Dec	0	18.47376328291226	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	260.6719050861647			
[mm] SIM focus pos	-0.684267	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-190.132523	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	193535431.019917	193535429.99519			
Observation start date	2004-02-18T23:50:31	2004-02-18T23:50:29			
[s] Observation end time (MET)	193558149.120911	193558148.09619			
Observation end date	2004-02-19T06:09:09	2004-02-19T06:09:08			
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)	2012.12.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3933168160319

A.2 Comments