

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 59804 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 17 2012

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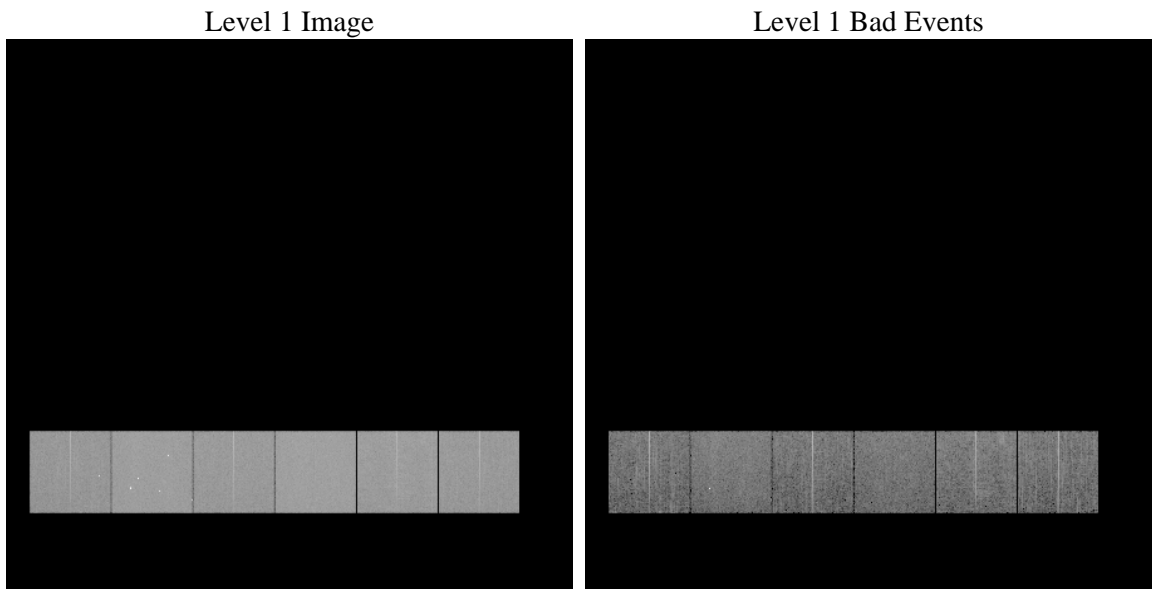
1 Front

seq_num	 	Sequence number
obs_id	59804	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	128.53052712685	Nominal RA [deg]
dec_nom	-7.5017383522295	Nominal Dec [deg]
roll_nom	319.92461678453	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8277.9575508833	Sum of GTIs [s]
livetime	8173.1370679864	Livetime [s]
ontime4	6540.6697447896	Sum of GTIs [s]
ontime5	8277.91651088	Sum of GTIs [s]
ontime6	6994.107498616	Sum of GTIs [s]
ontime7	8277.9575508833	Sum of GTIs [s]
ontime8	7272.8316246569	Sum of GTIs [s]
ontime9	6910.3054383695	Sum of GTIs [s]
l2events	1102849	Number of level 2 events

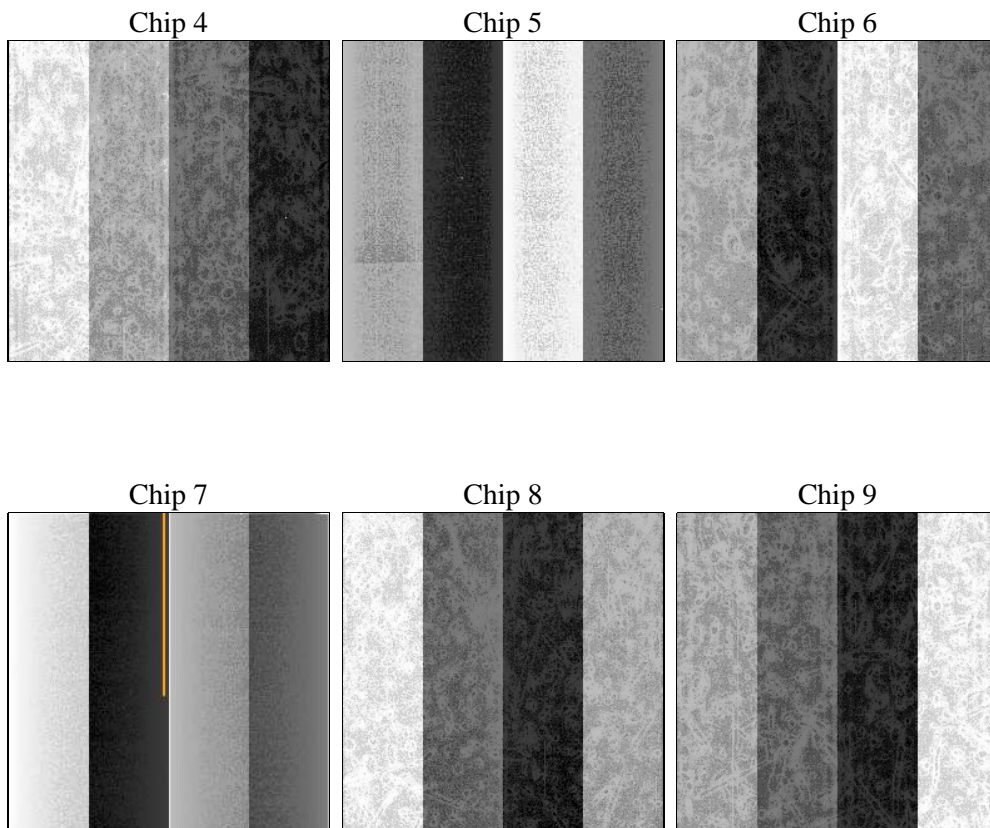
2 OBI

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	8.5.1	Processing system revision	ontime	8277.9575508833	Sum of GTIs [s]
caldsver	4.5.5	 	ontime4	6540.6697447896	Sum of GTIs [s]
date	2012-12-17T11:00:38	Date and time of file creation	ontime5	8277.91651088	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	6994.107498616	Sum of GTIs [s]
			ontime7	8277.9575508833	Sum of GTIs [s]
			ontime8	7272.8316246569	Sum of GTIs [s]
			ontime9	6910.3054383695	Sum of GTIs [s]
			l1events	1492809	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	212776	273521	236118	284367	257485	228542	grade 0 events	94564	47901	101243	56104	108498	97318
rejected events	49965	58876	49863	49454	57693	51578		44%	17%	42%	19%	42%	42%
rejected %	23%	21%	21%	17%	22%	22%	grade 1 events	686	243	529	200	577	569
								0%	0%	0%	0%	0%	0%
							grade 2 events	25861	76899	32204	51756	34748	30335
								12%	28%	13%	18%	13%	13%
							grade 3 events	10840	12436	11626	23393	13365	11483
								5%	4%	4%	8%	5%	5%
							grade 4 events	10826	12181	11601	23410	13337	11375
								5%	4%	4%	8%	5%	4%
							grade 5 events	2932	9040	3293	8824	4120	3566
								1%	3%	1%	3%	1%	1%
							grade 6 events	20797	65325	29581	80347	29844	26538
								9%	23%	12%	28%	11%	11%
							grade 7 events	46270	49496	46041	40333	52996	47358
								21%	18%	19%	14%	20%	20%

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	128.5305271268466	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-7.50173835222953	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	319.9246167845301			
[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)	224609826.453369	224609825.42837			
Observation start date	2005-02-12T15:37:06	2005-02-12T15:37:05			
[s] Observation end time (MET)	224633881.154457	224633880.12946			
Observation end date	2005-02-12T22:18:01	2005-02-12T22:18:00			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.01.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2779575508833

A.2 Comments