

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59602 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 25 2012

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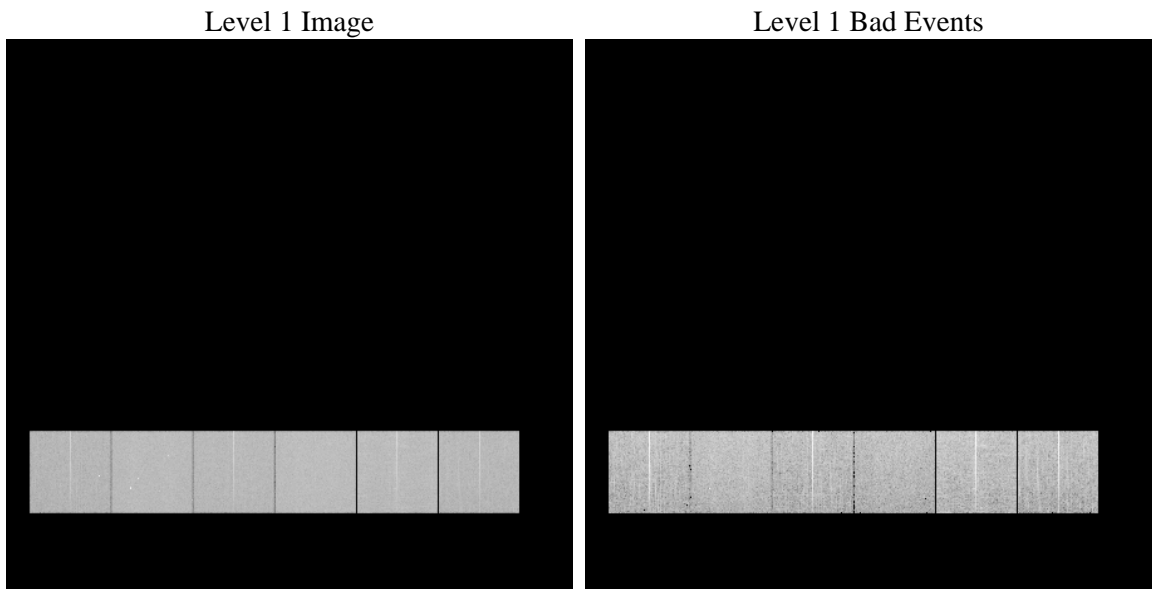
1 Front

seq_num	 	Sequence number
obs_id	59602	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	318.97741278442	Nominal RA [deg]
dec_nom	-17.481176921636	Nominal Dec [deg]
roll_nom	106.0085178609	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8226.0934598744	Sum of GTIs [s]
livetime	8121.9297113266	Livetime [s]
ontime4	7030.0495997071	Sum of GTIs [s]
ontime5	8226.0524198711	Sum of GTIs [s]
ontime6	7564.8518391848	Sum of GTIs [s]
ontime7	8226.0934598744	Sum of GTIs [s]
ontime8	7872.4116830528	Sum of GTIs [s]
ontime9	7412.6491245329	Sum of GTIs [s]
l2events	1064290	Number of level 2 events

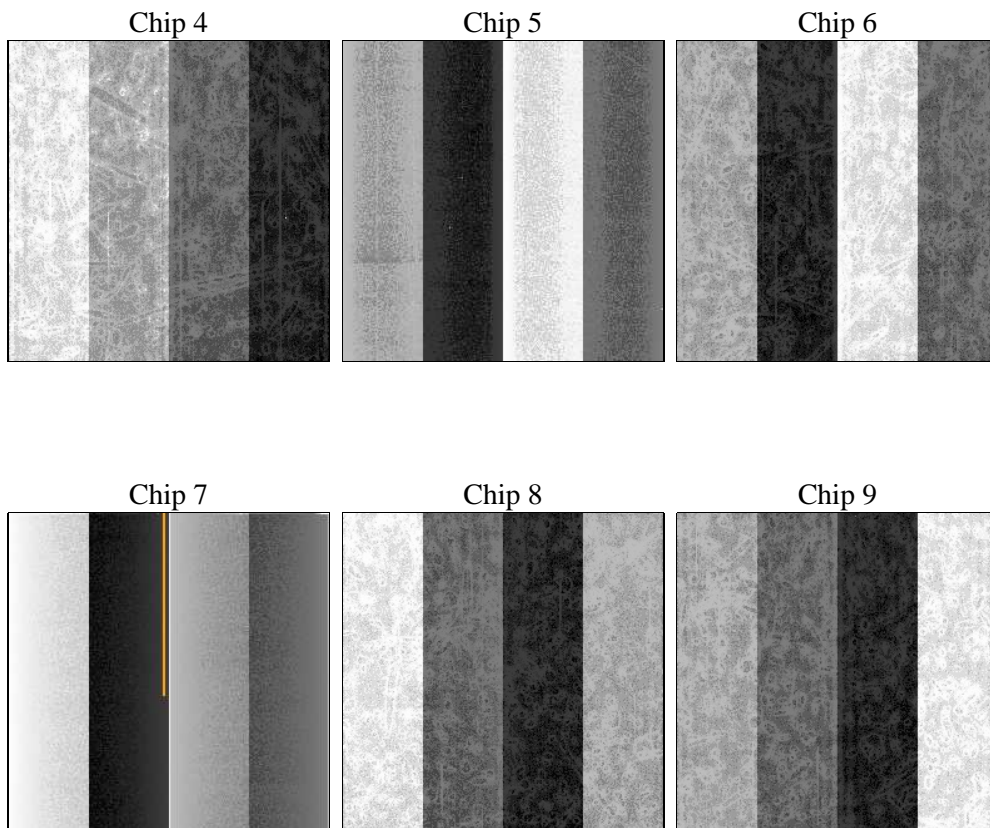
2 OBI

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	8.5.1.1	Processing system revision	ontime	8226.0934598744	Sum of GTIs [s]
caldbver	4.5.5	 	ontime4	7030.0495997071	Sum of GTIs [s]
date	2012-12-25T07:23:34	Date and time of file creation	ontime5	8226.0524198711	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	7564.8518391848	Sum of GTIs [s]
			ontime7	8226.0934598744	Sum of GTIs [s]
			ontime8	7872.4116830528	Sum of GTIs [s]
			ontime9	7412.6491245329	Sum of GTIs [s]
			l1events	1488553	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	218715	257015	241727	271745	265450	233901	grade 0 events	93154	38140	100756	51446	107720	97083
rejected events	58793	61073	57254	53543	66553	59336		42%	14%	41%	18%	40%	41%
rejected %	26%	23%	23%	19%	25%	25%	grade 1 events	711	203	501	188	625	564
								0%	0%	0%	0%	0%	0%
							grade 2 events	25520	73782	32180	48227	35332	30138
								11%	28%	13%	17%	13%	12%
							grade 3 events	10925	10860	11663	21622	13304	11140
								4%	4%	4%	7%	5%	4%
							grade 4 events	10580	10402	11482	21591	13019	11289
								4%	4%	4%	7%	4%	4%
							grade 5 events	3284	9023	3668	9283	4501	3894
								1%	3%	1%	3%	1%	1%
							grade 6 events	20909	64170	29617	76784	30888	26148
								9%	24%	12%	28%	11%	11%
							grade 7 events	53632	50435	51860	42604	60061	53645
								24%	19%	21%	15%	22%	22%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	318.9774127844221
[deg] Pointing Dec	0	-17.48117692163638
[deg] Pointing Roll	0.0	106.0085178609012
[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)	235807441.512414	235807440.48743
Observation start date	2005-06-22T06:04:02	2005-06-22T06:04:00
[s] Observation end time (MET)	235829339.613413	235829338.58843
Observation end date	2005-06-22T12:09:00	2005-06-22T12:08:58
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2013.01.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2260934598744

A.2 Comments