

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59545 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 26 2012

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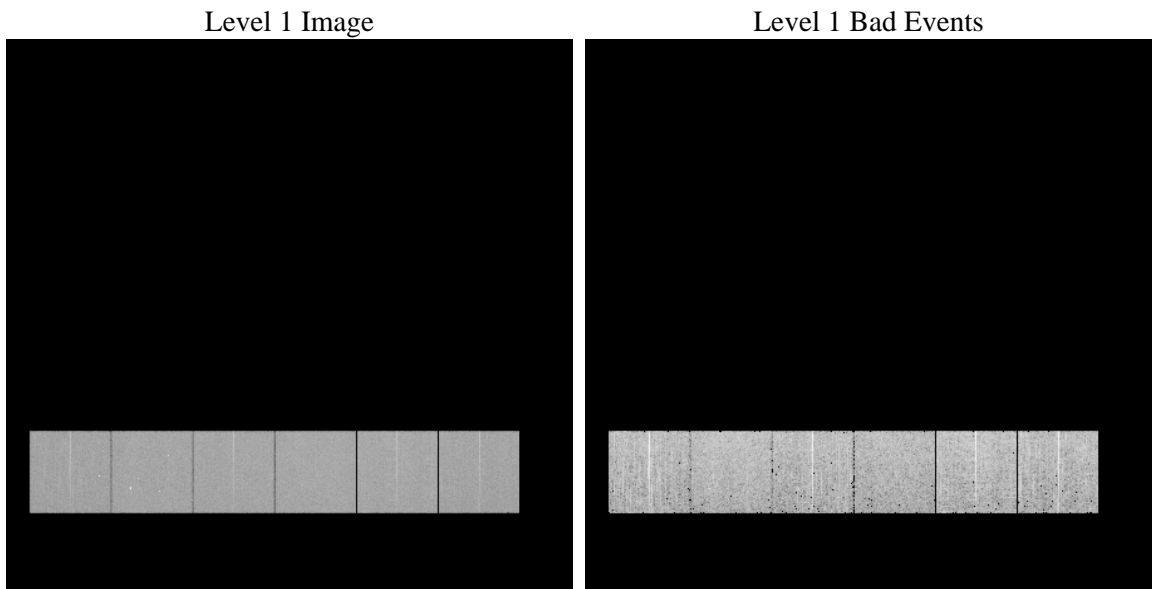
1 Front

seq_num	 	Sequence number
obs_id	59545	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycycle	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	75.497850552773	Nominal RA [deg]
dec_nom	55.528587642958	Nominal Dec [deg]
roll_nom	59.5803823811	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5880.2012412548	Sum of GTIs [s]
livetime	5805.7425925059	Livetime [s]
ontime4	5474.9581636488	Sum of GTIs [s]
ontime5	5880.1602012515	Sum of GTIs [s]
ontime6	5776.4084714949	Sum of GTIs [s]
ontime7	5880.2012412548	Sum of GTIs [s]
ontime8	5828.1817065477	Sum of GTIs [s]
ontime9	5659.85683164	Sum of GTIs [s]
l2events	782438	Number of level 2 events

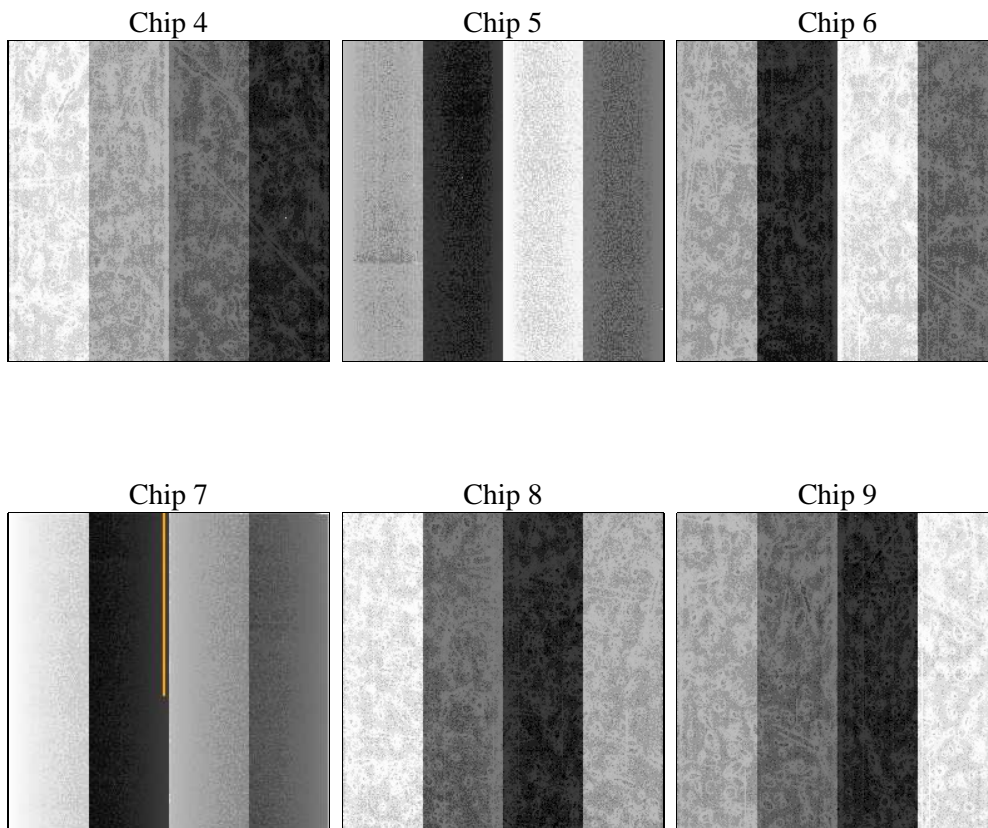
2 OBI

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	8.5.1.1	Processing system revision	ontime	5880.2012412548	Sum of GTIs [s]
caldbver	4.5.5	 	ontime4	5474.9581636488	Sum of GTIs [s]
date	2012-12-26T14:23:38	Date and time of file creation	ontime5	5880.1602012515	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5776.4084714949	Sum of GTIs [s]
			ontime7	5880.2012412548	Sum of GTIs [s]
			ontime8	5828.1817065477	Sum of GTIs [s]
			ontime9	5659.85683164	Sum of GTIs [s]
			l1events	1061647	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	163632	175073	178262	185121	188926	170633	grade 0 events	72342	29964	76752	36650	79005	72595
rejected events	39111	37114	37033	32536	42438	38723		44%	17%	43%	19%	41%	42%
rejected %	23%	21%	20%	17%	22%	22%	grade 1 events	521	205	325	124	389	421
								0%	0%	0%	0%	0%	0%
							grade 2 events	19673	49797	24345	33851	25809	22761
								12%	28%	13%	18%	13%	13%
							grade 3 events	8318	8019	8933	15146	9628	8578
								5%	4%	5%	8%	5%	5%
							grade 4 events	8176	7821	8842	15146	9605	8274
								4%	4%	4%	8%	5%	4%
							grade 5 events	2204	5768	2515	5830	2945	2526
								1%	3%	1%	3%	1%	1%
							grade 6 events	16083	42442	22436	51869	22521	19786
								9%	24%	12%	28%	11%	11%
							grade 7 events	36315	31057	34114	26505	39024	35692
								22%	17%	19%	14%	20%	20%

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	75.49785055277269
[deg] Pointing Dec	0	55.52858764295814
[deg] Pointing Roll	0.0	59.5803823811001
[mm] SIM focus pos	-0.684267	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	238048245.36488	238048244.3399
Observation start date	2005-07-18T04:30:45	2005-07-18T04:30:44
[s] Observation end time (MET)	238058210.415335	238058209.39036
Observation end date	2005-07-18T07:16:50	2005-07-18T07:16:49
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.01.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.8802012412548

A.2 Comments