

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 59315 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 16 2012

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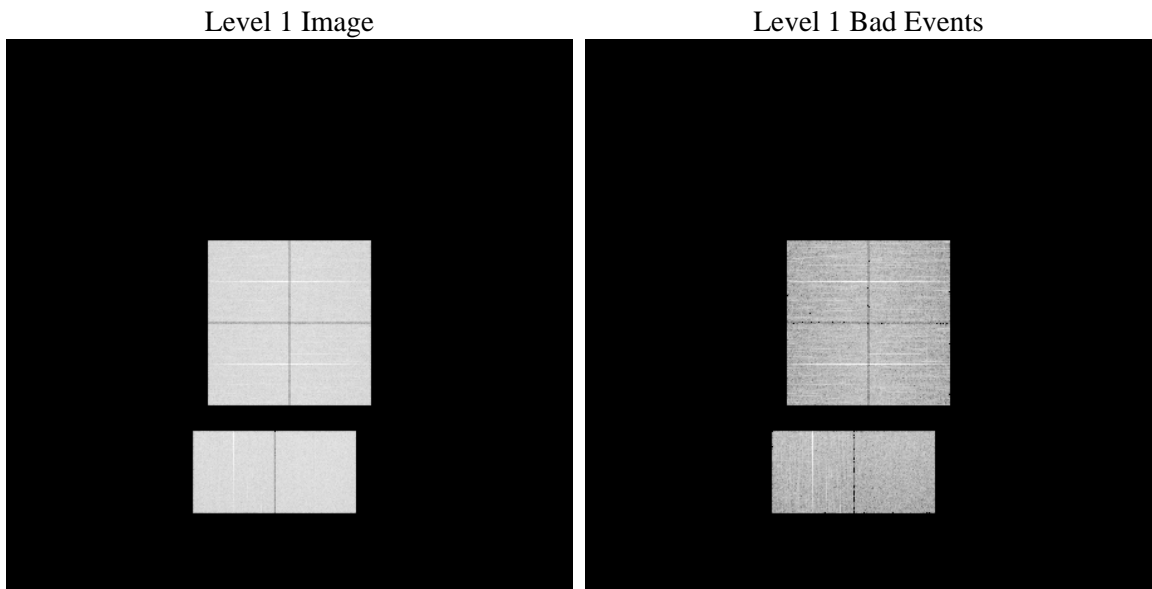
1 Front

seq_num	 	Sequence number
obs_id	59315	Observation id
title	ACIS-012367 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	69.982900385813	Nominal RA [deg]
dec_nom	35.006851033143	Nominal Dec [deg]
roll_nom	127.29626070346	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7800.6232321262	Sum of GTIs [s]
livetime	7701.8470437897	Livetime [s]
ontime0	7784.3773106039	Sum of GTIs [s]
ontime1	7800.5411521196	Sum of GTIs [s]
ontime2	7800.5001121163	Sum of GTIs [s]
ontime3	7787.7004007995	Sum of GTIs [s]
ontime6	7800.4590721428	Sum of GTIs [s]
ontime7	7800.6232321262	Sum of GTIs [s]
l2events	988228	Number of level 2 events

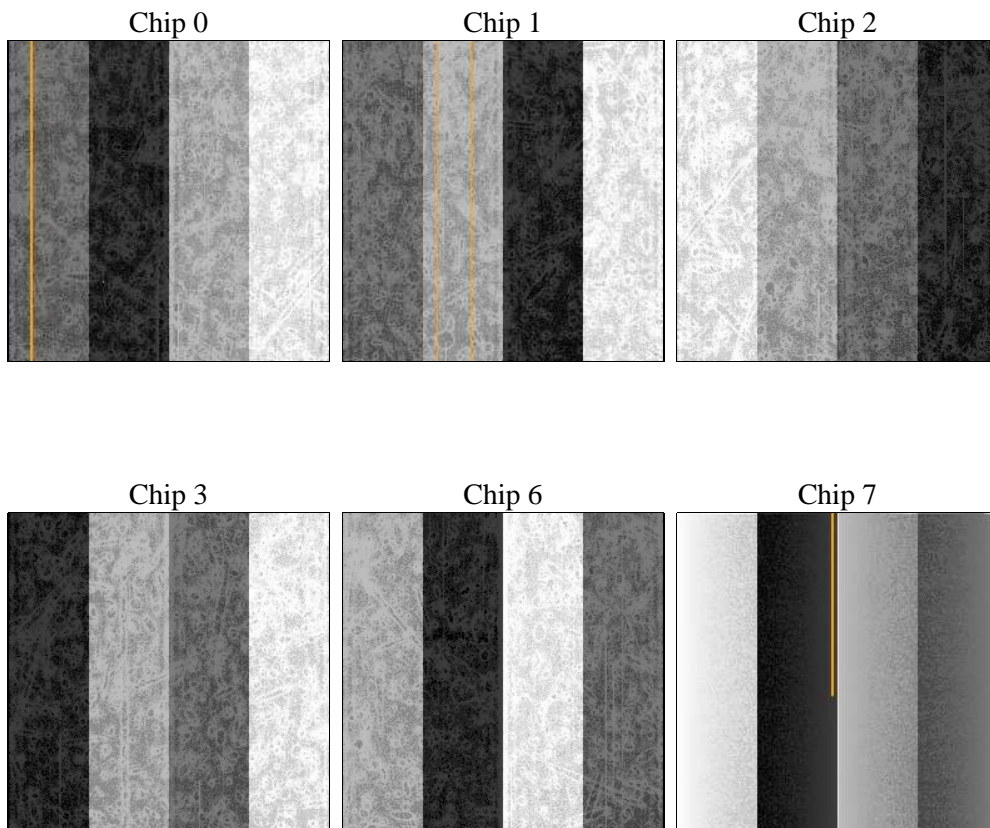
2 OBI

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	8.4.3	Processing system revision	ontime	7800.6232321262	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	7784.3773106039	Sum of GTIs [s]
date	2012-03-17T01:01:01	Date and time of file creation	ontime1	7800.5411521196	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	7800.5001121163	Sum of GTIs [s]
			ontime3	7787.7004007995	Sum of GTIs [s]
			ontime6	7800.4590721428	Sum of GTIs [s]
			ontime7	7800.6232321262	Sum of GTIs [s]
			l1events	1394653	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	226206	225945	230607	231157	235462	245276	grade 0 events	90351	91526	93917	94248	94541	45214
rejected events	60532	58357	61976	62694	60328	50792		39%	40%	40%	40%	40%	18%
rejected %	26%	25%	26%	27%	25%	20%	grade 1 events	592	493	642	597	504	153
								0%	0%	0%	0%	0%	0%
							grade 2 events	29240	30059	28673	28744	30428	42912
								12%	13%	12%	12%	12%	17%
							grade 3 events	10956	10705	11214	11118	11094	19191
								4%	4%	4%	4%	4%	7%
							grade 4 events	10780	10676	10989	11004	10877	19344
								4%	4%	4%	4%	4%	7%
							grade 5 events	3355	3641	3252	3702	3816	8960
								1%	1%	1%	1%	1%	3%
							grade 6 events	24347	24622	23838	23349	28194	67823
								10%	10%	10%	10%	11%	27%
							grade 7 events	56585	54223	58082	58395	56008	41679
								25%	23%	25%	25%	23%	16%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	69.98290038581284
[deg] Pointing Dec	0	35.00685103314265
[deg] Pointing Roll	0.0	127.2962607034623
[mm] SIM focus pos	-0.782348	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	248332530.037571	248332529.01255
Observation start date	2005-11-14T05:15:30	2005-11-14T05:15:29
[s] Observation end time (MET)	248342464.33803	248342463.31301
Observation end date	2005-11-14T08:01:04	2005-11-14T08:01:03
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)	2012.03.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8006232321262

A.2 Comments