

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60360 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 12 2012

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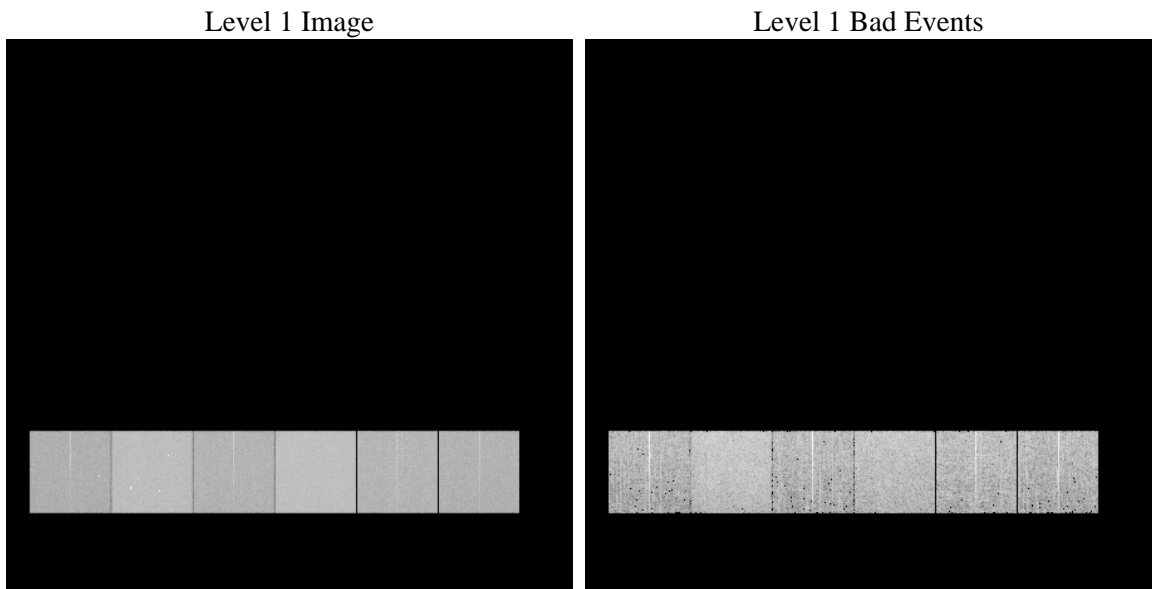
1 Front

seq_num	 	Sequence number
obs_id	60360	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	163.97274156804	Nominal RA [deg]
dec_nom	15.011189482667	Nominal Dec [deg]
roll_nom	124.12637505684	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7801.5999709368	Sum of GTIs [s]
livetime	7702.8114145452	Livetime [s]
ontime4	4654.607105583	Sum of GTIs [s]
ontime5	7801.5999709368	Sum of GTIs [s]
ontime6	5039.0757018328	Sum of GTIs [s]
ontime7	7801.5999709368	Sum of GTIs [s]
ontime8	5266.0267284811	Sum of GTIs [s]
ontime9	4919.0363517106	Sum of GTIs [s]
l2events	1111182	Number of level 2 events

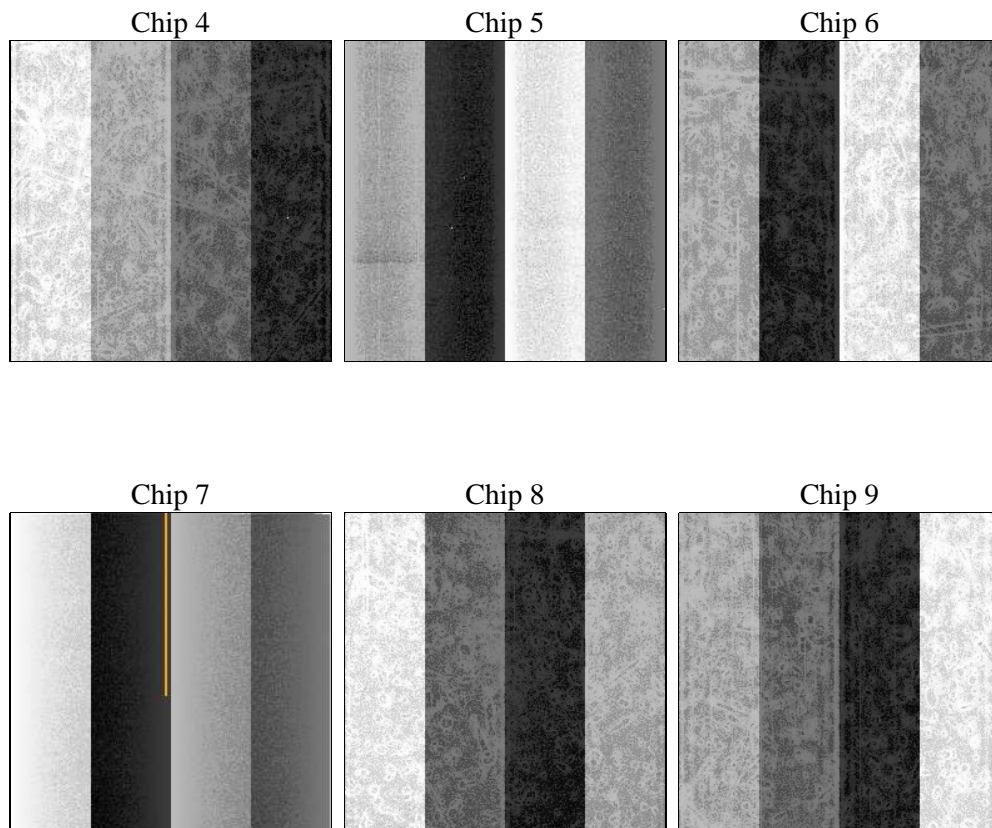
2 OBI

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	7801.5999709368	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	4654.607105583	Sum of GTIs [s]
date	2012-11-12T06:56:01	Date and time of file creation	ontime5	7801.5999709368	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5039.0757018328	Sum of GTIs [s]
			ontime7	7801.5999709368	Sum of GTIs [s]
			ontime8	5266.0267284811	Sum of GTIs [s]
			ontime9	4919.0363517106	Sum of GTIs [s]
			l1events	1416190	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	181618	294023	207516	315677	221100	196256	grade 0 events	86505	51546	93283	66374	99710	89042
rejected events	34659	52276	36730	44182	39873	35601		47%	17%	44%	21%	45%	45%
rejected %	19%	17%	17%	13%	18%	18%	grade 1 events	627	217	428	169	521	456
								0%	0%	0%	0%	0%	0%
							grade 2 events	22553	91229	29320	60052	31523	27175
								12%	31%	14%	19%	14%	13%
							grade 3 events	9765	13222	10503	27023	11756	10346
								5%	4%	5%	8%	5%	5%
							grade 4 events	9734	13453	10490	26719	11639	10209
								5%	4%	5%	8%	5%	5%
							grade 5 events	2118	8115	2320	7837	2831	2411
								1%	2%	1%	2%	1%	1%
							grade 6 events	18518	72414	27190	91432	26599	23883
								10%	24%	13%	28%	12%	12%
							grade 7 events	31798	43827	33982	36071	36521	32734
								17%	14%	16%	11%	16%	16%

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	163.9727415680384
[deg] Pointing Dec	0	15.01118948266689
[deg] Pointing Roll	0.0	124.1263750568446
[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)	193958883.13844	193958882.11372
Observation start date	2004-02-23T21:28:03	2004-02-23T21:28:02
[s] Observation end time (MET)	193975256.489157	193975255.46444
Observation end date	2004-02-24T02:00:56	2004-02-24T02:00:55
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	0.000000	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)	2012.12.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8015999709368

A.2 Comments