

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57663 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 19 2012

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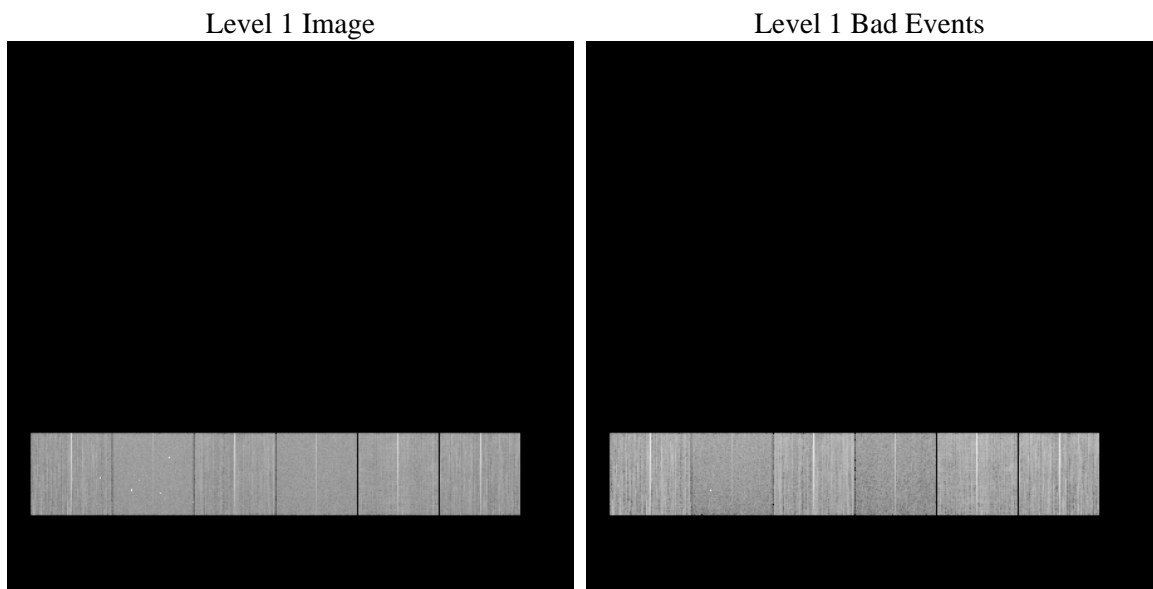
1 Front

seq_num	 	Sequence number
obs_id	57663	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	289.00646755984	Nominal RA [deg]
dec_nom	-17.522760076756	Nominal Dec [deg]
roll_nom	267.1281632623	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7883.3451744318	Sum of GTIs [s]
livetime	7783.5215110526	Livetime [s]
ontime4	6392.3740982413	Sum of GTIs [s]
ontime5	7883.3041344285	Sum of GTIs [s]
ontime6	6849.3923248053	Sum of GTIs [s]
ontime7	7883.3451744318	Sum of GTIs [s]
ontime8	7092.3830395341	Sum of GTIs [s]
ontime9	6680.9845386147	Sum of GTIs [s]
l2events	541285	Number of level 2 events

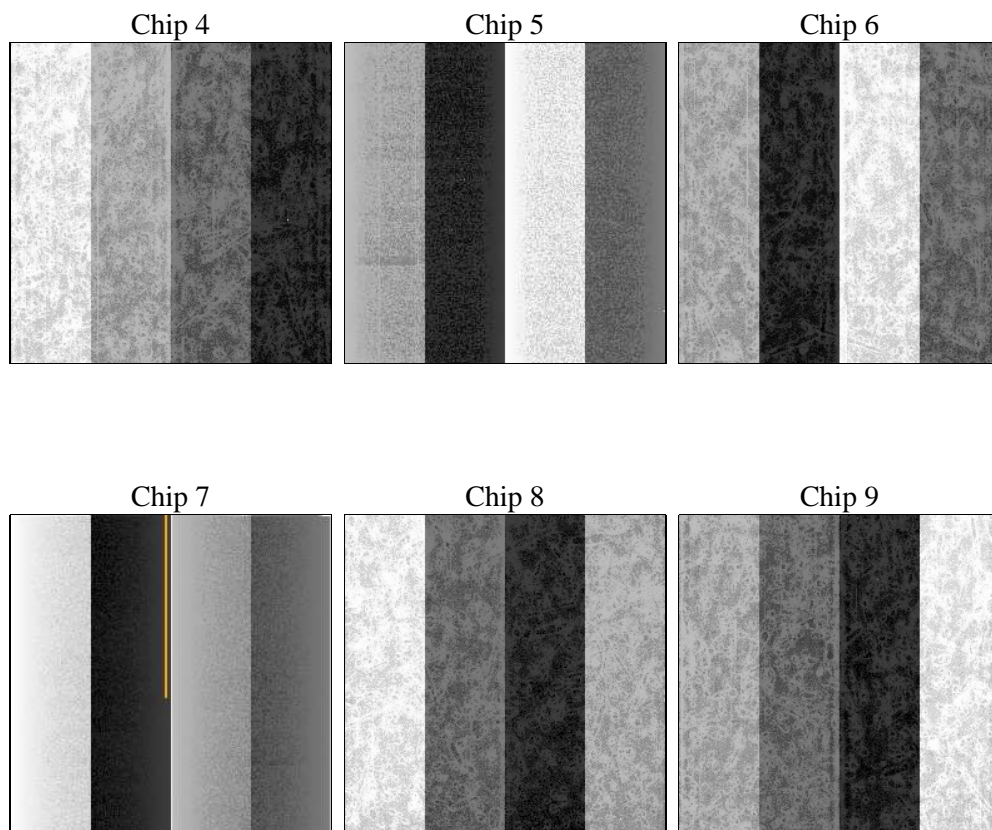
2 OBI

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	8.4.4	Processing system revision	ontime	7883.3451744318	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	6392.3740982413	Sum of GTIs [s]
date	2012-05-19T04:44:38	Date and time of file creation	ontime5	7883.3041344285	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	6849.3923248053	Sum of GTIs [s]
			ontime7	7883.3451744318	Sum of GTIs [s]
			ontime8	7092.3830395341	Sum of GTIs [s]
			ontime9	6680.9845386147	Sum of GTIs [s]
			l1events	1420819	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	230714	229278	243088	219434	255882	242423	grade 0 events	41461	21571	42676	24628	47885	40937
rejected events	156918	100252	161538	90026	159423	165159		17%	9%	17%	11%	18%	16%
rejected %	68%	43%	66%	41%	62%	68%	grade 1 events	410	202	273	150	315	298
								0%	0%	0%	0%	0%	0%
							grade 2 events	12976	47516	15335	31399	18484	14145
								5%	20%	6%	14%	7%	5%
							grade 3 events	4930	6340	5197	11709	6722	5098
								2%	2%	2%	5%	2%	2%
							grade 4 events	4917	6038	5132	11594	6592	5038
								2%	2%	2%	5%	2%	2%
							grade 5 events	3280	9626	3693	10403	4852	3853
								1%	4%	1%	4%	1%	1%
							grade 6 events	9548	47605	13252	50130	16821	12089
								4%	20%	5%	22%	6%	4%
							grade 7 events	153192	90380	157530	79421	154211	160965
								66%	39%	64%	36%	60%	66%

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	289.0064675598429
[deg] Pointing Dec	0	-17.52276007675567
[deg] Pointing Roll	0.0	267.1281632622985
[mm] SIM focus pos	-1.429586	-0.7809083437167272
[mm] SIM defocus	0.1037507710433287	0.7524282956875696
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	334234721.426399	334234720.40138
Observation start date	2008-08-04T10:58:41	2008-08-04T10:58:40
[s] Observation end time (MET)	334249385.077119	334249384.0521
Observation end date	2008-08-04T15:03:05	2008-08-04T15:03:04
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)	2012.05.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8833451744318

A.2 Comments