

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58121 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 4 2012

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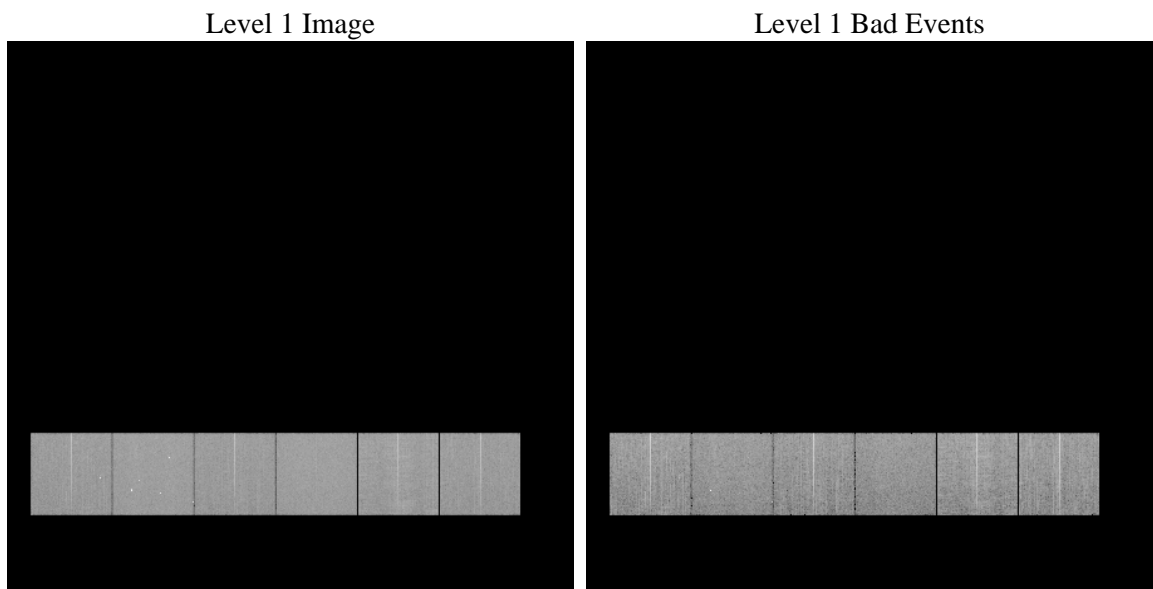
1 Front

seq_num	 	Sequence number
obs_id	58121	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	57.720467073905	Nominal RA [deg]
dec_nom	-6.1425500484805	Nominal Dec [deg]
roll_nom	15.807883907797	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8102.3999698758	Sum of GTIs [s]
livetime	7999.8025027777	Livetime [s]
ontime4	8102.3999698758	Sum of GTIs [s]
ontime5	8102.3999698758	Sum of GTIs [s]
ontime6	8102.3999698758	Sum of GTIs [s]
ontime7	8102.3999698758	Sum of GTIs [s]
ontime8	8102.3632202744	Sum of GTIs [s]
ontime9	8102.3999698758	Sum of GTIs [s]
l2events	672775	Number of level 2 events

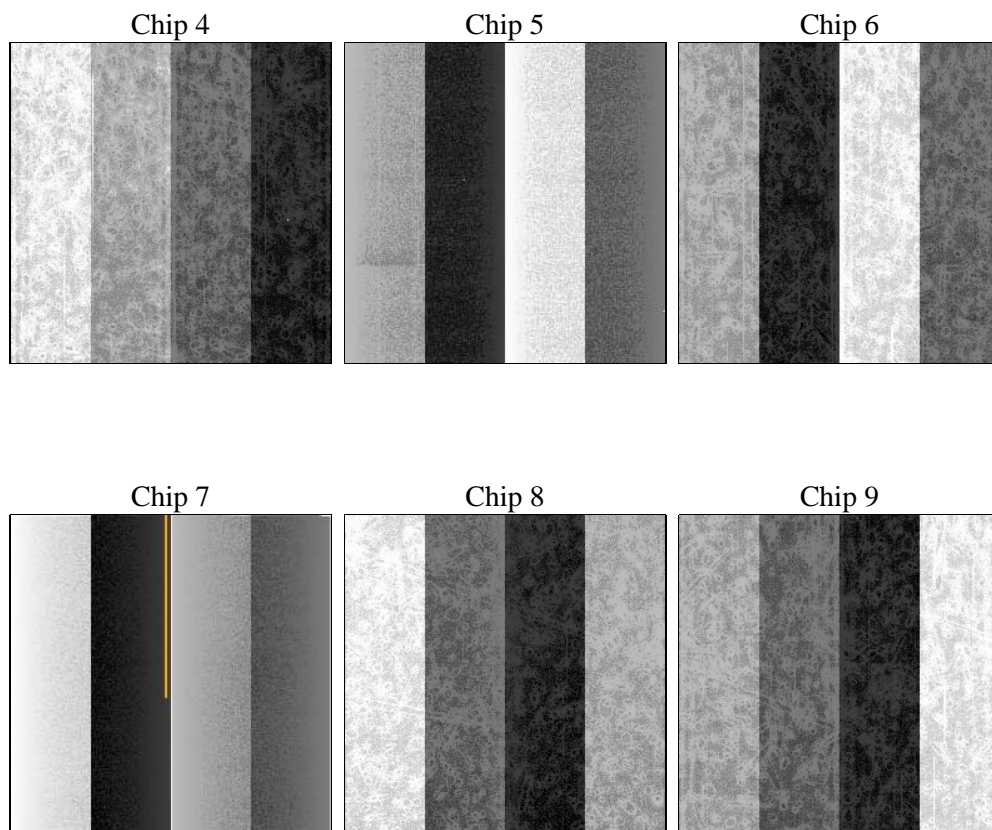
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	24960	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	8102.3999698758	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8102.3999698758	Sum of GTIs [s]
date	2012-05-04T17:41:00	Date and time of file creation	ontime5	8102.3999698758	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	8102.3999698758	Sum of GTIs [s]
			ontime7	8102.3999698758	Sum of GTIs [s]
			ontime8	8102.3632202744	Sum of GTIs [s]
			ontime9	8102.3999698758	Sum of GTIs [s]
			l1events	1189079	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	186315	210619	186826	208381	209249	187689	grade 0 events	61308	24850	60764	29810	64972	59312
rejected events	81587	72593	74854	67037	85136	79974		32%	11%	32%	14%	31%	31%
rejected %	43%	34%	40%	32%	40%	42%	grade 1 events	578	341	379	192	390	429
								0%	0%	0%	0%	0%	0%
							grade 2 events	17083	50554	20309	31366	22994	19215
								9%	24%	10%	15%	10%	10%
							grade 3 events	7480	7022	7275	13721	8905	7370
								4%	3%	3%	6%	4%	3%
							grade 4 events	7252	6885	7289	13796	8730	7337
								3%	3%	3%	6%	4%	3%
							grade 5 events	4088	9872	4369	10795	5477	4553
								2%	4%	2%	5%	2%	2%
							grade 6 events	13911	51714	18746	55707	21058	16804
								7%	24%	10%	26%	10%	8%
							grade 7 events	74615	59381	67695	52994	76723	72669
								40%	28%	36%	25%	36%	38%

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	57.72046724246216	57.72046707390537
[deg] Pointing Dec	-6.14255013140475	-6.142550048480493
[deg] Pointing Roll	15.80788374290081	15.80788390779677
[mm] SIM focus pos	-0.78090834371673	-0.78090834371673
[mm] SIM defocus	0.7524282194390134	0.7524282194390134
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	311876036.588607	311876036.588607
Observation start date	2007-11-19T16:46:00	2007-11-19T16:13:56
[s] Observation end time (MET)	311907477.180278	311907477.180278
Observation end date	2007-11-19T23:42:00	2007-11-20T00:57:57
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
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)	2012.07.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1023999698758

A.2 Comments