

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55734 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 2 2012

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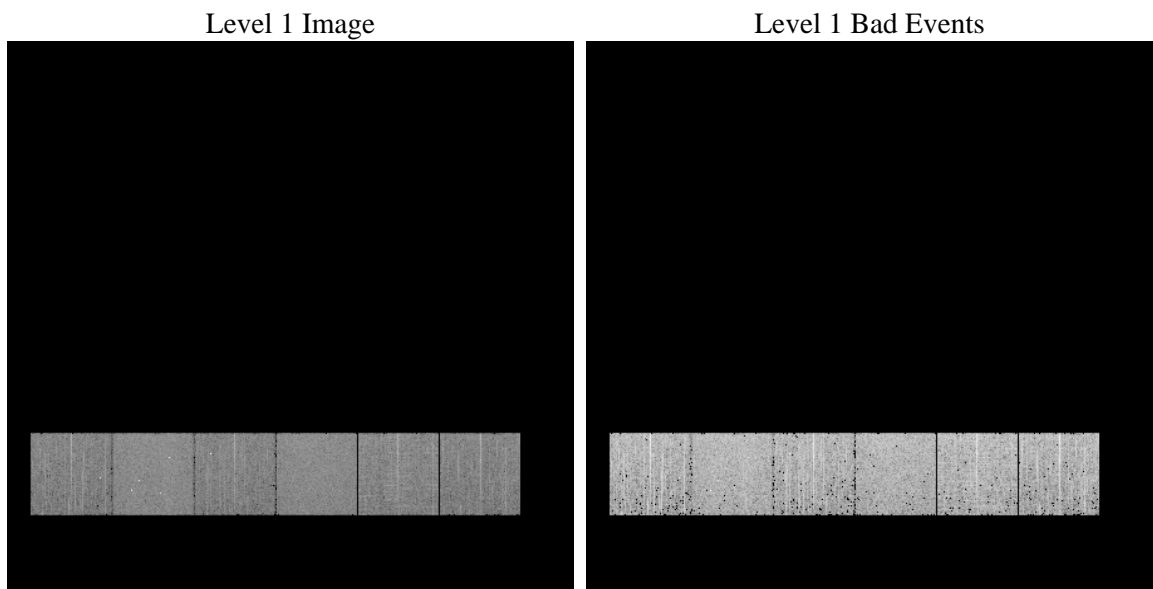
1 Front

seq_num	 	Sequence number
obs_id	55734	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	103.32854428303	Nominal RA [deg]
dec_nom	-0.49880523718015	Nominal Dec [deg]
roll_nom	329.79827131762	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3035.8855507374	Sum of GTIs [s]
livetime	2997.4433399031	Livetime [s]
ontime4	3035.7624307275	Sum of GTIs [s]
ontime5	3035.8445107341	Sum of GTIs [s]
ontime6	3035.8034707308	Sum of GTIs [s]
ontime7	3035.8855507374	Sum of GTIs [s]
ontime8	3035.7213907242	Sum of GTIs [s]
ontime9	3035.9265907407	Sum of GTIs [s]
l2events	138792	Number of level 2 events

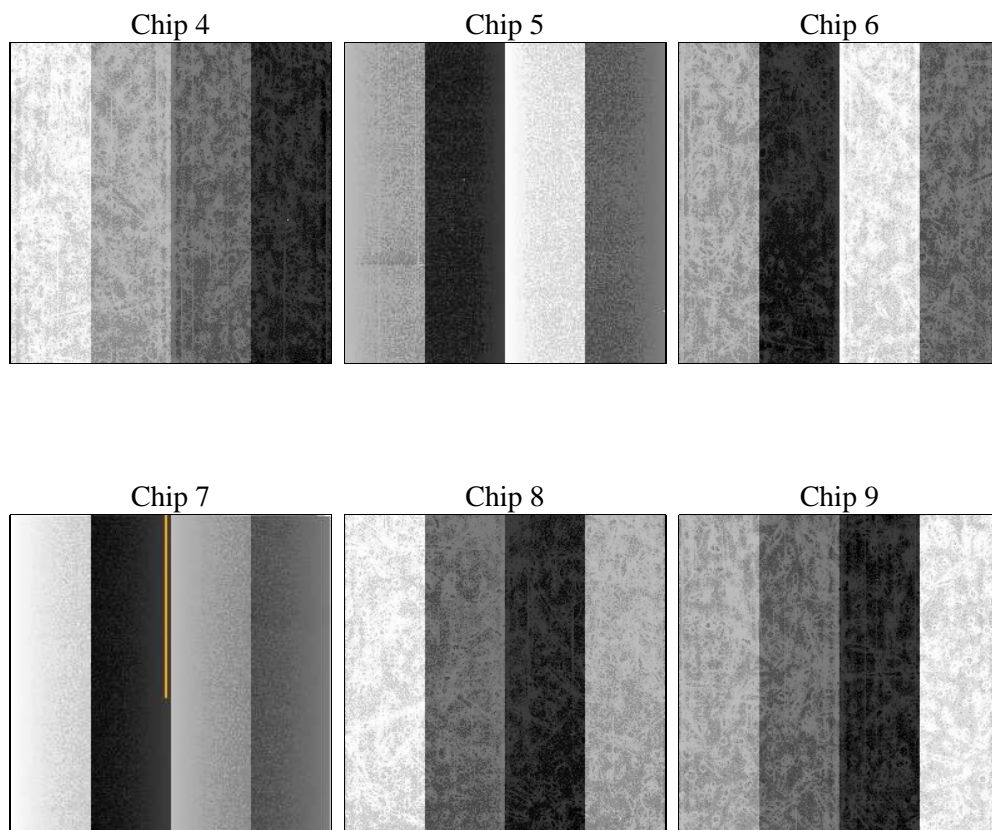
2 OBI

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	3035.8855507374	Sum of GTIs [s]
caldsver	4.4.7	 	ontime4	3035.7624307275	Sum of GTIs [s]
date	2012-02-02T07:47:33	Date and time of file creation	ontime5	3035.8445107341	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3035.8034707308	Sum of GTIs [s]
			ontime7	3035.8855507374	Sum of GTIs [s]
			ontime8	3035.7213907242	Sum of GTIs [s]
			ontime9	3035.9265907407	Sum of GTIs [s]
			l1events	329393	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	49902	63115	50033	60205	56701	49437	grade 0 events	12602	5797	11681	6244	13119	11615
rejected events	29663	28977	28113	27772	31638	29164		25%	9%	23%	10%	23%	23%
rejected %	59%	45%	56%	46%	55%	58%	grade 1 events	105	60	62	47	99	65
								0%	0%	0%	0%	0%	0%
							grade 2 events	3456	12663	5098	7447	5296	3902
								6%	20%	10%	12%	9%	7%
							grade 3 events	1500	1497	1487	3189	2038	1439
								3%	2%	2%	5%	3%	2%
							grade 4 events	1508	1509	1488	3192	1921	1467
								3%	2%	2%	5%	3%	2%
							grade 5 events	1515	3435	1570	3981	2049	1736
								3%	5%	3%	6%	3%	3%
							grade 6 events	2838	15369	3834	14902	4805	3538
								5%	24%	7%	24%	8%	7%
							grade 7 events	26378	22785	24813	21203	27374	25675
								52%	36%	49%	35%	48%	51%

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	103.3285442830312
[deg] Pointing Dec	0	-0.4988052371801495
[deg] Pointing Roll	0.0	329.7982713176182
[mm] SIM focus pos	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	411471201.07437	411471201.07437
Observation start date	2011-01-15T09:33:21	2011-01-15T09:33:21
[s] Observation end time (MET)	411475750.736555	411475750.736555
Observation end date	2011-01-15T10:49:11	2011-01-15T10:49:10
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	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.0358855507374

A.2 Comments