

V&V Reference Report

L2 ASCDS Version : 10

Observation 53525 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jul 26 2013

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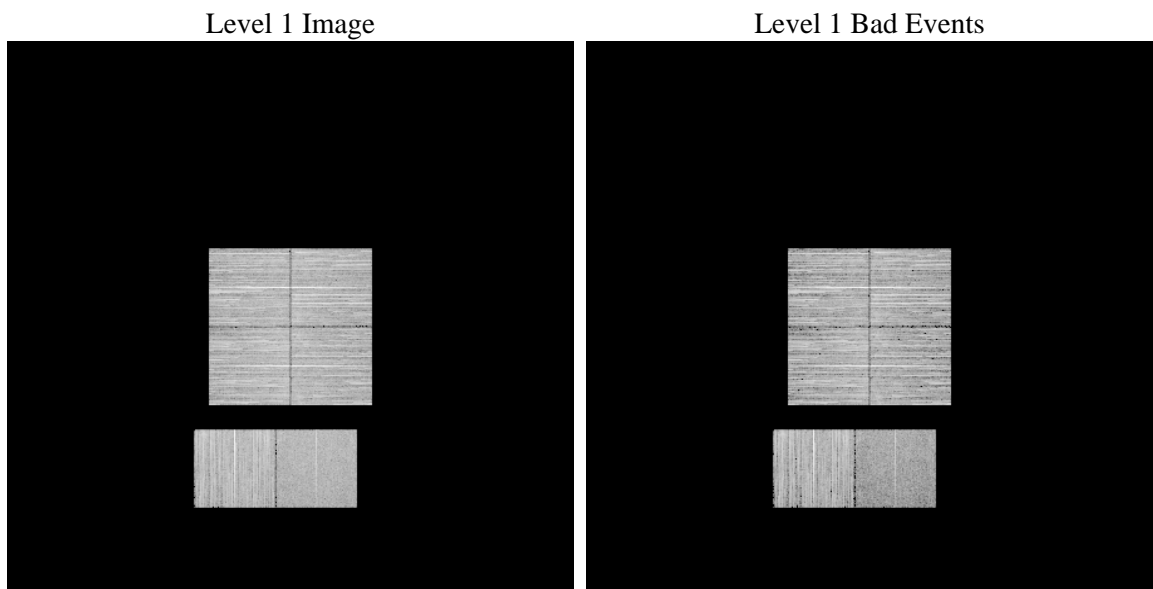
1 Front

seq_num	 	Sequence number
obs_id	53525	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	262.02729937279	Nominal RA [deg]
dec_nom	-39.019382636137	Nominal Dec [deg]
roll_nom	284.63092996976	Nominal Roll [deg]
revision	1	Processing version of data
ontime	6289.856120944	Sum of GTIs [s]
livetime	6210.210175444	Livetime [s]
ontime0	6289.8150809407	Sum of GTIs [s]
ontime1	6289.7740409374	Sum of GTIs [s]
ontime2	6289.7330009341	Sum of GTIs [s]
ontime3	6289.8971609473	Sum of GTIs [s]
ontime6	6289.6919609308	Sum of GTIs [s]
ontime7	6289.856120944	Sum of GTIs [s]
l2events	153458	Number of level 2 events

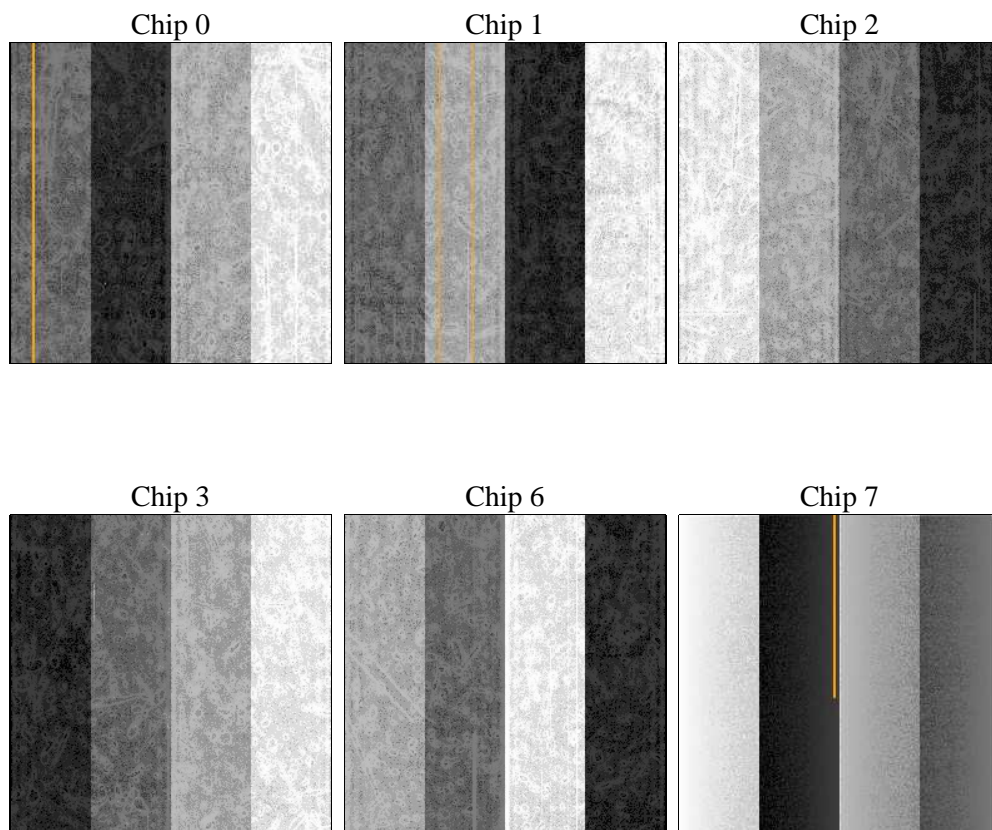
2 OBI

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	10	Processing system revision	ontime	6289.856120944	Sum of GTIs [s]
caldsver	4.5.7	 	ontime0	6289.8150809407	Sum of GTIs [s]
date	2013-07-27T03:27:50	Date and time of file creation	ontime1	6289.7740409374	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	6289.7330009341	Sum of GTIs [s]
			ontime3	6289.8971609473	Sum of GTIs [s]
			ontime6	6289.6919609308	Sum of GTIs [s]
			ontime7	6289.856120944	Sum of GTIs [s]
			l1events	678023	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	117044	116880	120013	109410	121447	93229	grade 0 events	11905	11620	12393	12333	12227	6243
rejected events	93530	93280	96150	85664	96630	50275		10%	9%	10%	11%	10%	6%
rejected %	79%	79%	80%	78%	79%	53%	grade 1 events	66	48	84	60	65	83
								0%	0%	0%	0%	0%	0%
							grade 2 events	4732	4884	4616	4499	5024	10490
								4%	4%	3%	4%	4%	11%
							grade 3 events	1562	1563	1641	1680	1637	3561
								1%	1%	1%	1%	1%	3%
							grade 4 events	1570	1617	1637	1616	1571	3467
								1%	1%	1%	1%	1%	3%
							grade 5 events	2126	2132	2085	2392	2294	5642
								1%	1%	1%	2%	1%	6%
							grade 6 events	3745	3916	3576	3618	4358	19193
								3%	3%	2%	3%	3%	20%
							grade 7 events	91338	91100	93981	83212	94271	44550
								78%	77%	78%	76%	77%	47%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	262.0272993727889	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-39.01938263613712	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	284.6309299697644	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	491243423.595886	491243422.57089			
Observation start date	2013-07-26T16:30:24	2013-07-26T16:30:22			
[s] Observation end time (MET)	491254540.746492	491254539.72149			
Observation end date	2013-07-26T19:35:41	2013-07-26T19:35:39			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.07.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.289856120944

A.2 Comments