

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 54049 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jan 6 2013

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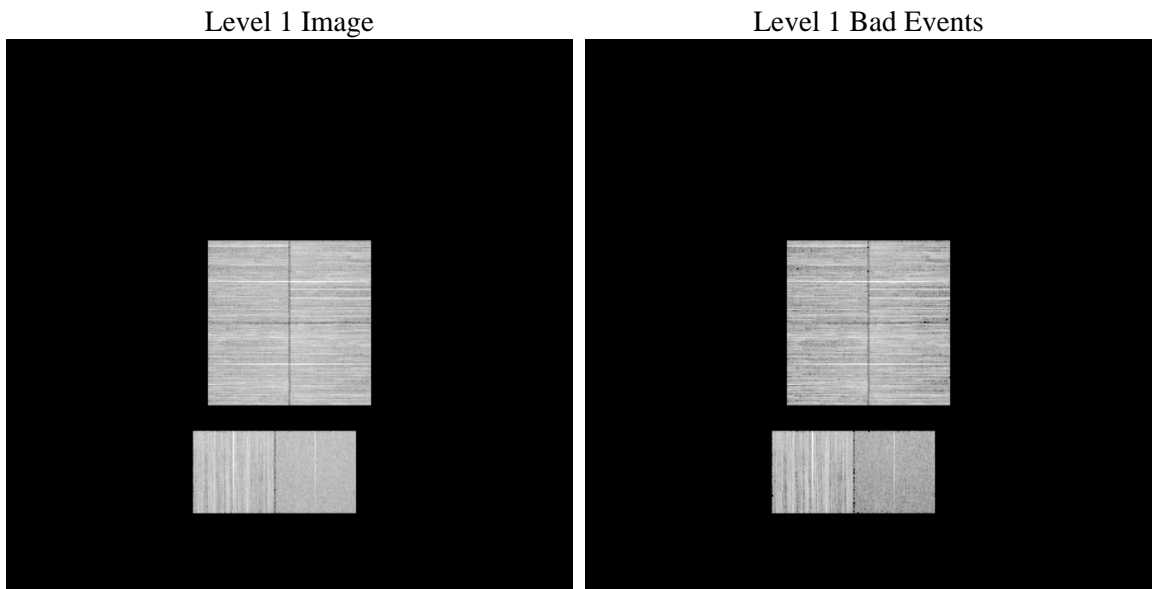
1 Front

seq_num	 	Sequence number
obs_id	54049	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	120.45976251734	Nominal RA [deg]
dec_nom	44.49874725054	Nominal Dec [deg]
roll_nom	149.71144483586	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8262.3999692798	Sum of GTIs [s]
livetime	8157.7764858488	Livetime [s]
ontime0	8262.3999692798	Sum of GTIs [s]
ontime1	8262.3999692798	Sum of GTIs [s]
ontime2	8262.3999692798	Sum of GTIs [s]
ontime3	8262.3999692798	Sum of GTIs [s]
ontime6	8262.3999692798	Sum of GTIs [s]
ontime7	8262.3999692798	Sum of GTIs [s]
l2events	229822	Number of level 2 events

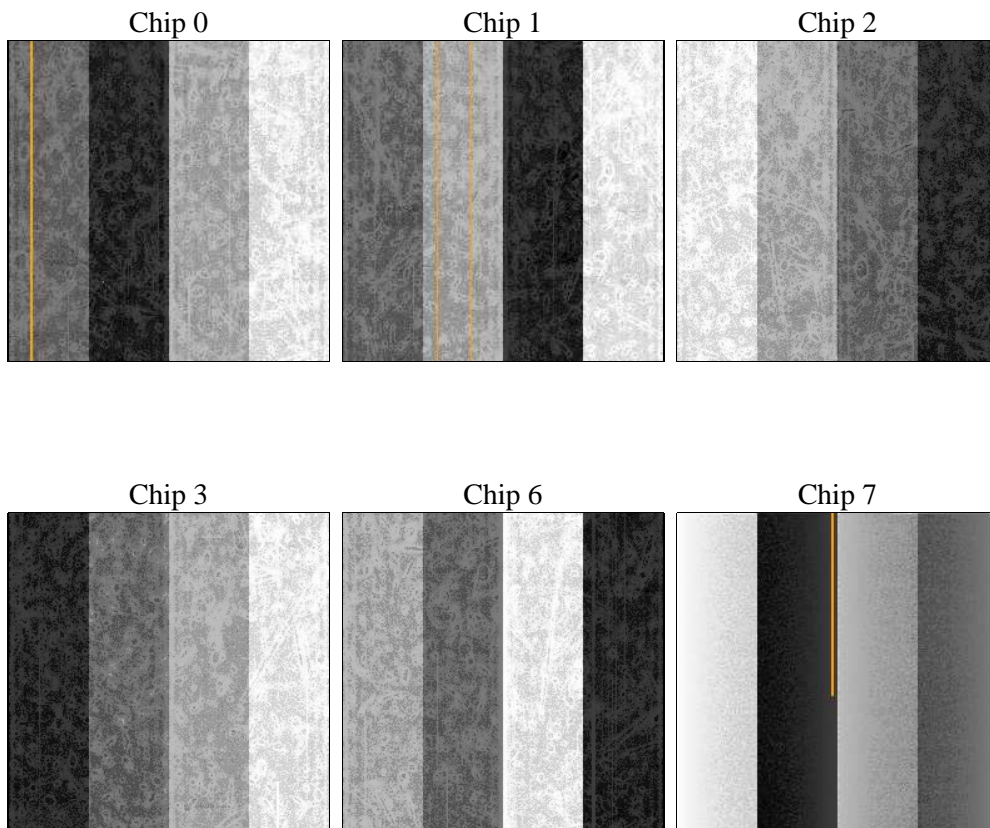
2 OBI

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	8.5.1.1	Processing system revision	ontime	8262.3999692798	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	8262.3999692798	Sum of GTIs [s]
date	2013-01-06T19:27:40	Date and time of file creation	ontime1	8262.3999692798	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8262.3999692798	Sum of GTIs [s]
			ontime3	8262.3999692798	Sum of GTIs [s]
			ontime6	8262.3999692798	Sum of GTIs [s]
			ontime7	8262.3999692798	Sum of GTIs [s]
			l1events	976642	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	155349	168296	164741	170864	180331	137061	grade 0 events	18131	17820	18656	18519	18565	9661
rejected events	120261	132643	129336	135571	143123	72405		11%	10%	11%	10%	10%	7%
rejected %	77%	78%	78%	79%	79%	52%	grade 1 events	125	88	125	101	72	91
								0%	0%	0%	0%	0%	0%
							grade 2 events	6830	7327	6818	6746	7528	15812
								4%	4%	4%	3%	4%	11%
							grade 3 events	2407	2350	2426	2493	2444	5543
								1%	1%	1%	1%	1%	4%
							grade 4 events	2371	2449	2396	2427	2517	5436
								1%	1%	1%	1%	1%	3%
							grade 5 events	3111	3216	2940	3418	3323	8268
								2%	1%	1%	2%	1%	6%
							grade 6 events	5490	5853	5248	5244	6277	28469
								3%	3%	3%	3%	3%	20%
							grade 7 events	116884	129193	126132	131916	139605	63781
								75%	76%	76%	77%	77%	46%

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	120.4597625173417	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	44.49874725054002	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	149.7114448358566	[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)	473848082.053655	473848081.02866			
Observation start date	2013-01-06T08:28:02	2013-01-06T08:28:01			
[s] Observation end time (MET)	473858168.054199	473858167.0292			
Observation end date	2013-01-06T11:16:08	2013-01-06T11:16:07			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.01.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2623999692798

A.2 Comments