

V&V Reference Report

L2 ASCDS Version : 10.2.1

Observation 52955 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Mar 2 2014

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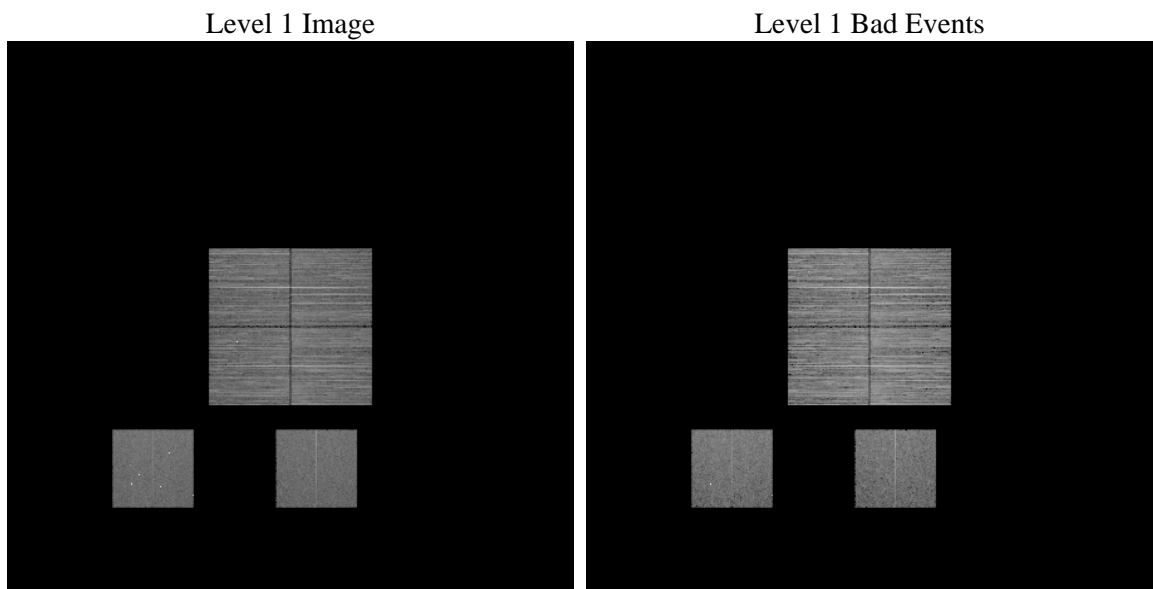
1 Front

seq_num	 	Sequence number
obs_id	52955	Observation id
title	ACIS-012357 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	140.02712184771	Nominal RA [deg]
dec_nom	-10.010576999703	Nominal Dec [deg]
roll_nom	305.48364582969	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8261.6071529388	Sum of GTIs [s]
livetime	8156.9937086257	Livetime [s]
ontime0	8261.5661129355	Sum of GTIs [s]
ontime1	8261.5250729322	Sum of GTIs [s]
ontime2	8261.4840329289	Sum of GTIs [s]
ontime3	8261.6481929421	Sum of GTIs [s]
ontime5	8261.4429929256	Sum of GTIs [s]
ontime7	8261.6071529388	Sum of GTIs [s]
l2events	196908	Number of level 2 events

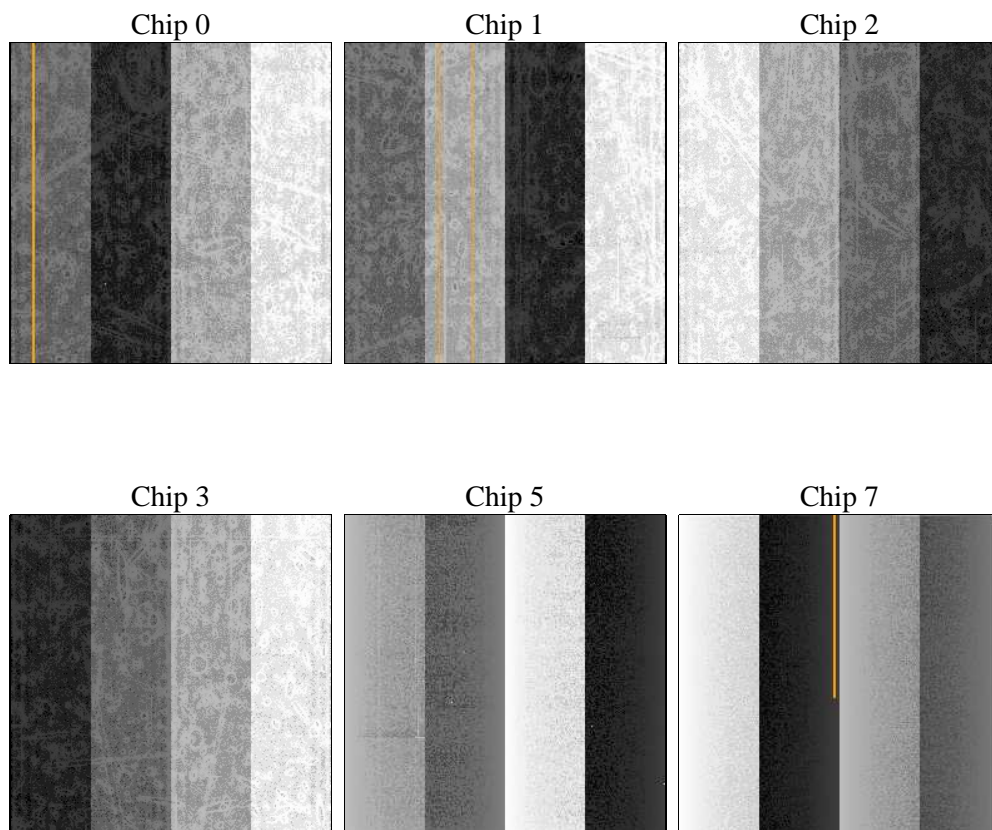
2 OBI

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	10.2.1	Processing system revision	ontime	8261.6071529388	Sum of GTIs [s]
caldsver	4.6.0	 	ontime0	8261.5661129355	Sum of GTIs [s]
date	2014-03-03T04:17:34	Date and time of file creation	ontime1	8261.5250729322	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8261.4840329289	Sum of GTIs [s]
			ontime3	8261.6481929421	Sum of GTIs [s]
			ontime5	8261.4429929256	Sum of GTIs [s]
			ontime7	8261.6071529388	Sum of GTIs [s]
			l1events	761955	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	128841	127565	134021	141545	122510	107473	grade 0 events	13687	13371	18908	14091	12567	6802
rejected events	101960	100675	102218	114658	63407	58711		10%	10%	14%	9%	10%	6%
rejected %	79%	78%	76%	81%	51%	54%	grade 1 events	71	56	75	71	335	66
								0%	0%	0%	0%	0%	0%
							grade 2 events	5309	5576	5244	5112	19495	12162
								4%	4%	3%	3%	15%	11%
							grade 3 events	1890	1768	1866	1878	2064	3994
								1%	1%	1%	1%	1%	3%
							grade 4 events	1817	1778	1853	1857	1888	3948
								1%	1%	1%	1%	1%	3%
							grade 5 events	2452	2477	2344	2821	5462	6479
								1%	1%	1%	1%	4%	6%
							grade 6 events	4284	4494	4038	4032	23297	22020
								3%	3%	3%	2%	19%	20%
							grade 7 events	99331	98045	99693	111683	57402	52002
								77%	76%	74%	78%	46%	48%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	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	140.0271218477099	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-10.01057699970315	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	305.4836458296902	[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)	510178149.183132	510178148.15813			
Observation start date	2014-03-02T20:09:09	2014-03-02T20:09:08			
[s] Observation end time (MET)	510187989.183675	510187988.15867			
Observation end date	2014-03-02T22:53:09	2014-03-02T22:53:08			
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)	2014.03.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2616071529388

A.2 Comments