

V&V Reference Report

L2 ASCDS Version : 10.3

Observation 52277 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Dec 2 2014

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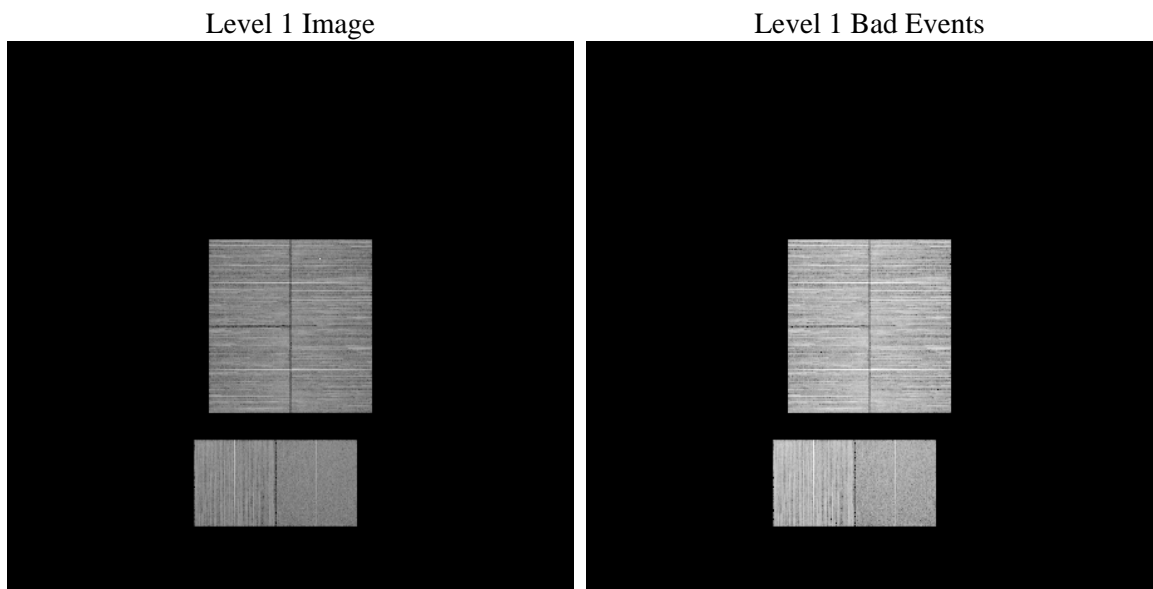
1 Front

seq_num	 	Sequence number
obs_id	52277	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	92.995485686696	Nominal RA [deg]
dec_nom	13.328445159047	Nominal Dec [deg]
roll_nom	65.943451403338	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8053.9140449762	Sum of GTIs [s]
livetime	7951.9305358539	Livetime [s]
ontime0	8053.8730049729	Sum of GTIs [s]
ontime1	8053.8319649696	Sum of GTIs [s]
ontime2	8053.7909249663	Sum of GTIs [s]
ontime3	8053.9550849795	Sum of GTIs [s]
ontime6	8053.749884963	Sum of GTIs [s]
ontime7	8053.9140449762	Sum of GTIs [s]
l2events	157339	Number of level 2 events

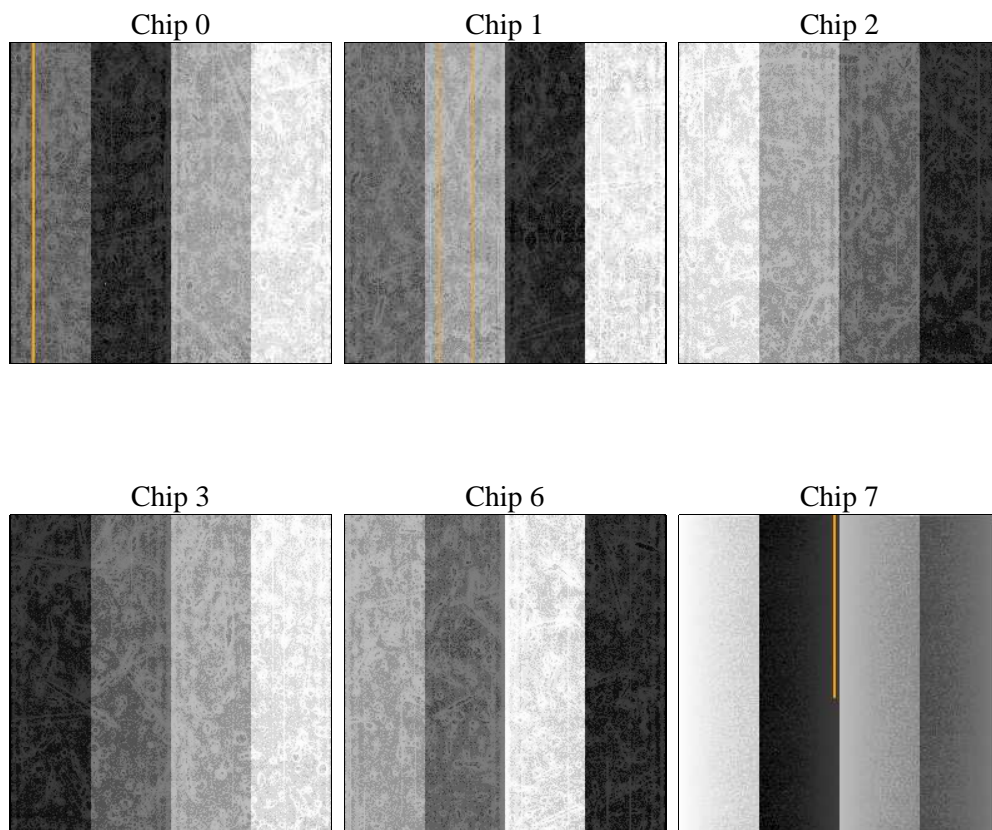
2 OBI

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	10.3	Processing system revision	ontime	8053.9140449762	Sum of GTIs [s]
caldsver	4.6.4	 	ontime0	8053.8730049729	Sum of GTIs [s]
date	2014-12-03T04:31:18	Date and time of file creation	ontime1	8053.8319649696	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8053.7909249663	Sum of GTIs [s]
			ontime3	8053.9550849795	Sum of GTIs [s]
			ontime6	8053.749884963	Sum of GTIs [s]
			ontime7	8053.9140449762	Sum of GTIs [s]
			l1events	812385	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	138616	144691	140676	136285	139283	112834	grade 0 events	11403	13440	12064	11878	11921	6524
rejected events	115274	118983	117228	112845	114646	64091		8%	9%	8%	8%	8%	5%
rejected %	83%	82%	83%	82%	82%	56%	grade 1 events	66	57	64	64	57	89
								0%	0%	0%	0%	0%	0%
							grade 2 events	4889	5109	4680	4674	5084	11929
								3%	3%	3%	3%	3%	10%
							grade 3 events	1692	1578	1697	1742	1717	3970
								1%	1%	1%	1%	1%	3%
							grade 4 events	1659	1543	1655	1637	1711	4020
								1%	1%	1%	1%	1%	3%
							grade 5 events	2664	2790	2538	2988	2882	7289
								1%	1%	1%	2%	2%	6%
							grade 6 events	3799	4141	3465	3620	4327	22548
								2%	2%	2%	2%	3%	19%
							grade 7 events	112444	116033	114513	109682	111584	56465
								81%	80%	81%	80%	80%	50%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	92.99548568669556
[deg] Pointing Dec	0	13.32844515904725
[deg] Pointing Roll	0.0	65.94345140333765
SIM focus pos (mm)	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	533939356.099084	533939356.099084
Observation start date	2014-12-02T20:29:16	2014-12-02T20:29:16
[s] Observation end time (MET)	533948705.383095	533948705.383095
Observation end date	2014-12-02T23:05:05	2014-12-02T23:05:05
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)	2014.12.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0539140449762

A.2 Comments