

V&V Reference Report

L2 ASCDS Version : 10.3.1

Observation 52213 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Dec 30 2014

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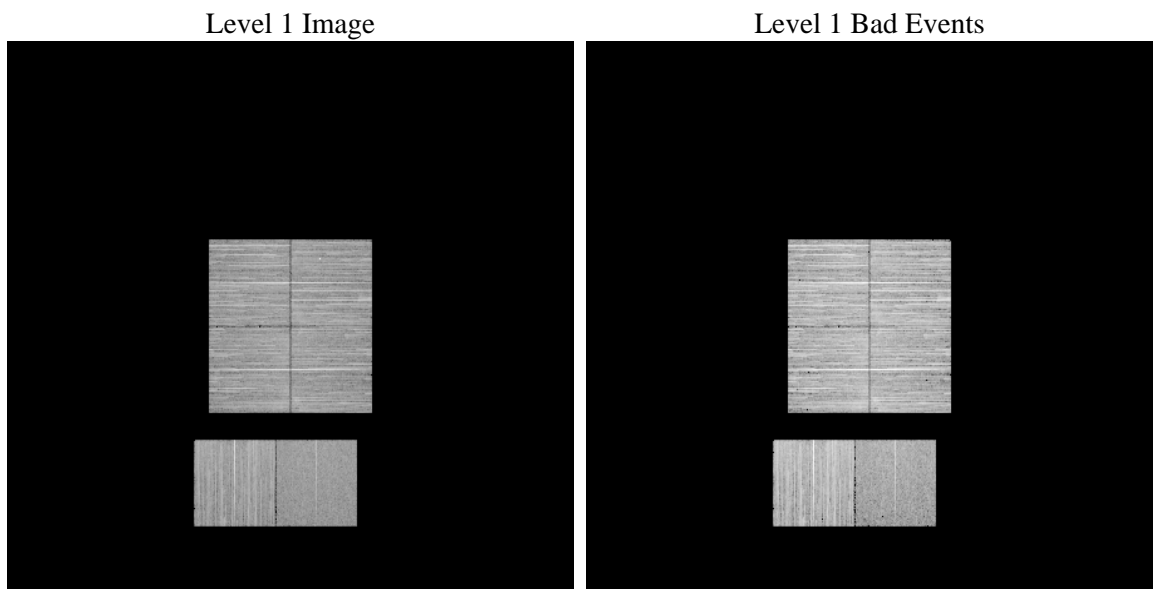
1 Front

seq_num	 	Sequence number
obs_id	52213	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	101.3690738607	Nominal RA [deg]
dec_nom	-0.91895986069833	Nominal Dec [deg]
roll_nom	6.640733863834	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8335.9999690056	Sum of GTIs [s]
livetime	8230.4445180615	Livetime [s]
ontime0	8335.9999690056	Sum of GTIs [s]
ontime1	8335.9999690056	Sum of GTIs [s]
ontime2	8335.9999690056	Sum of GTIs [s]
ontime3	8335.9999690056	Sum of GTIs [s]
ontime6	8335.9999690056	Sum of GTIs [s]
ontime7	8335.9999690056	Sum of GTIs [s]
l2events	155255	Number of level 2 events

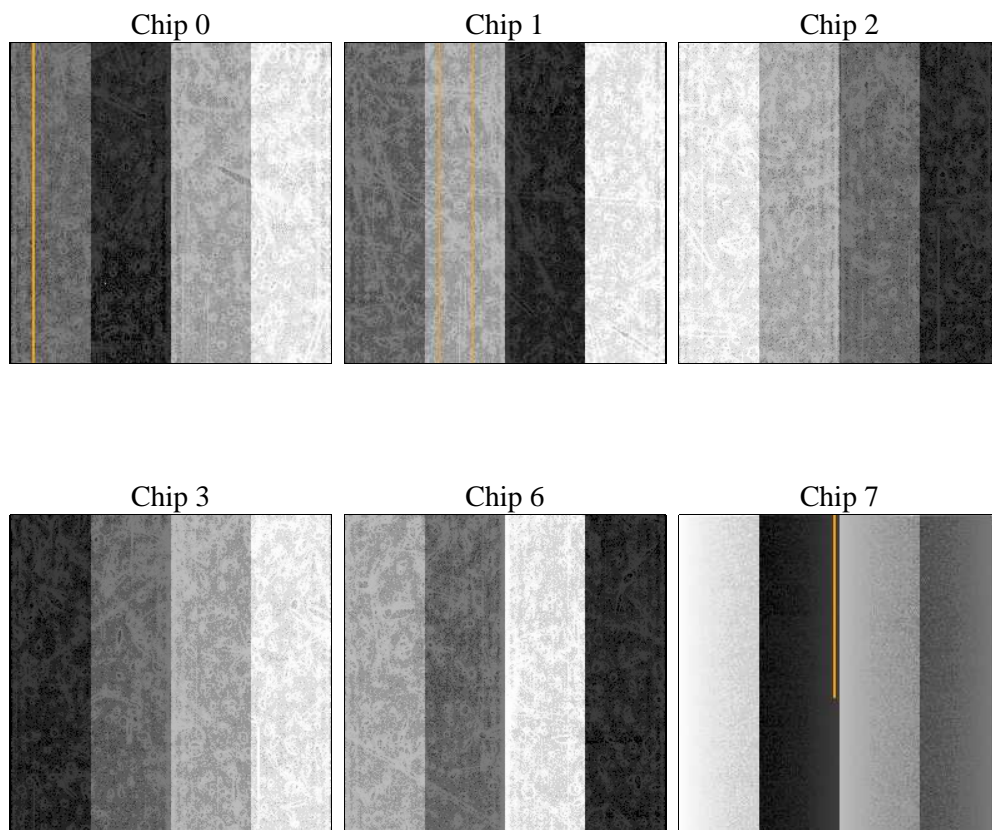
2 OBI

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	10.3.1	Processing system revision	ontime	8335.9999690056	Sum of GTIs [s]
caldsver	4.6.5	 	ontime0	8335.9999690056	Sum of GTIs [s]
date	2014-12-30T11:13:00	Date and time of file creation	ontime1	8335.9999690056	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8335.9999690056	Sum of GTIs [s]
			ontime3	8335.9999690056	Sum of GTIs [s]
			ontime6	8335.9999690056	Sum of GTIs [s]
			ontime7	8335.9999690056	Sum of GTIs [s]
			l1events	819167	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	145897	147586	138354	134992	142456	109882	grade 0 events	11251	11229	11676	11754	10555	5741
rejected events	122552	123033	115126	111462	118288	63176		7%	7%	8%	8%	7%	5%
rejected %	83%	83%	83%	82%	83%	57%	grade 1 events	55	61	67	56	53	76
								0%	0%	0%	0%	0%	0%
							grade 2 events	5151	5995	4801	4703	6146	11719
								3%	4%	3%	3%	4%	10%
							grade 3 events	1499	1567	1626	1606	1424	3518
								1%	1%	1%	1%	0%	3%
							grade 4 events	1524	1475	1564	1688	1448	3320
								1%	0%	1%	1%	1%	3%
							grade 5 events	2523	2571	2516	2747	2559	6467
								1%	1%	1%	2%	1%	5%
							grade 6 events	3926	4296	3569	3789	4598	22421
								2%	2%	2%	2%	3%	20%
							grade 7 events	119968	120392	112535	108649	115673	56620
								82%	81%	81%	80%	81%	51%

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	101.3690738607014
[deg] Pointing Dec	0	-0.9189598606983329
[deg] Pointing Roll	0.0	6.640733863833956
[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)	536262170.22857	536262169.20357
Observation start date	2014-12-29T17:42:50	2014-12-29T17:42:49
[s] Observation end time (MET)	536273260.729188	536273259.70419
Observation end date	2014-12-29T20:47:41	2014-12-29T20:47:39
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.12.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3359999690056

A.2 Comments