

V&V Reference Report

L2 ASCDS Version : 10.2.1

Observation 52894 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Mar 27 2014

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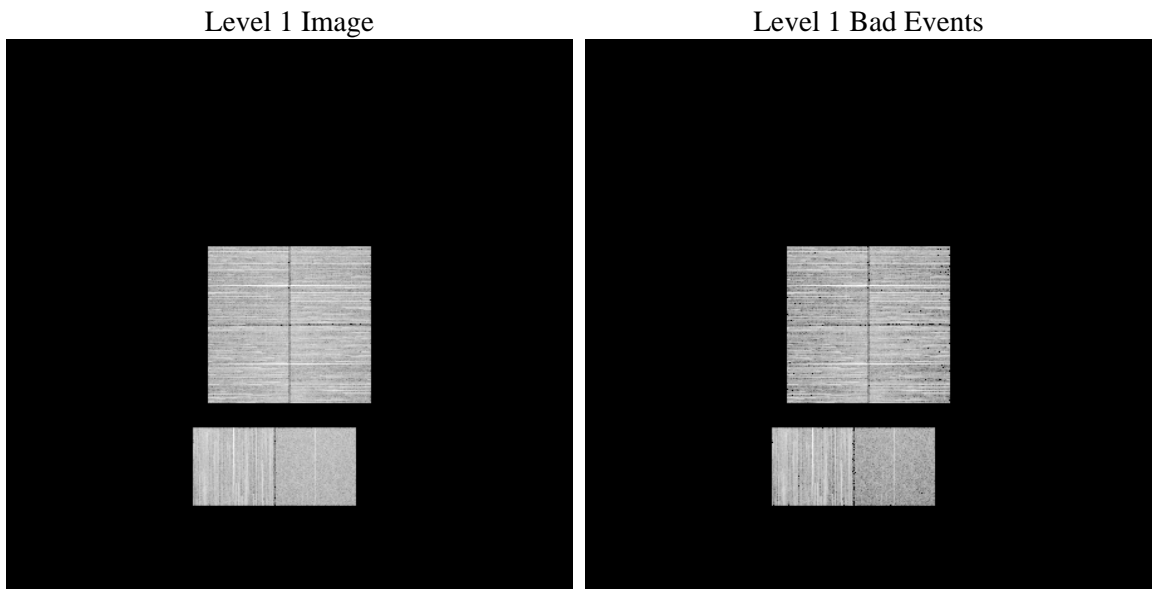
1 Front

seq_num	 	Sequence number
obs_id	52894	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	319.08139855017	Nominal RA [deg]
dec_nom	-4.2781243902403	Nominal Dec [deg]
roll_nom	97.419647068945	Nominal Roll [deg]
revision	1	Processing version of data
ontime	6264.1895769835	Sum of GTIs [s]
livetime	6184.8686367176	Livetime [s]
ontime0	6264.1485369802	Sum of GTIs [s]
ontime1	6264.1074969769	Sum of GTIs [s]
ontime2	6264.0664569736	Sum of GTIs [s]
ontime3	6264.2306169868	Sum of GTIs [s]
ontime6	6264.0254169703	Sum of GTIs [s]
ontime7	6264.1895769835	Sum of GTIs [s]
l2events	139000	Number of level 2 events

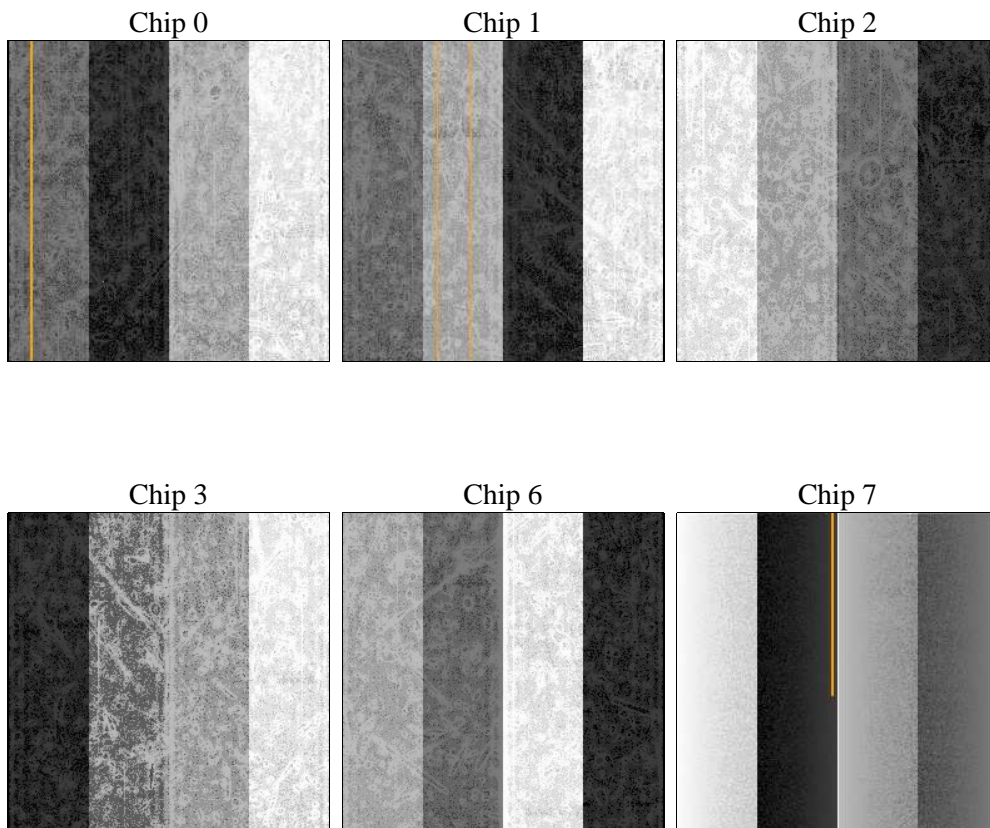
2 OBI

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	6264.1895769835	Sum of GTIs [s]
caldsver	4.6.0	 	ontime0	6264.1485369802	Sum of GTIs [s]
date	2014-03-27T14:59:24	Date and time of file creation	ontime1	6264.1074969769	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	6264.0664569736	Sum of GTIs [s]
			ontime3	6264.2306169868	Sum of GTIs [s]
			ontime6	6264.0254169703	Sum of GTIs [s]
			ontime7	6264.1895769835	Sum of GTIs [s]
			l1events	605404	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	96746	103211	101813	103819	113524	86291	grade 0 events	10595	10322	10907	11104	10832	5630
rejected events	75429	81687	80537	82262	91097	46930		10%	10%	10%	10%	9%	6%
rejected %	77%	79%	79%	79%	80%	54%	grade 1 events	53	45	60	58	52	61
								0%	0%	0%	0%	0%	0%
							grade 2 events	4288	4581	4164	4124	4663	9698
								4%	4%	4%	3%	4%	11%
							grade 3 events	1471	1463	1523	1498	1429	3157
								1%	1%	1%	1%	1%	3%
							grade 4 events	1427	1467	1431	1471	1456	3113
								1%	1%	1%	1%	1%	3%
							grade 5 events	1987	1986	1950	2154	2188	5284
								2%	1%	1%	2%	1%	6%
							grade 6 events	3536	3691	3251	3360	4047	17763
								3%	3%	3%	3%	3%	20%
							grade 7 events	73389	79656	78527	80050	88857	41585
								75%	77%	77%	77%	78%	48%

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	319.0813985501683	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-4.278124390240318	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	97.41964706894535	[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)	512270246.048395	512270245.02339			
Observation start date	2014-03-27T01:17:26	2014-03-27T01:17:25			
[s] Observation end time (MET)	512279169.698886	512279168.67389			
Observation end date	2014-03-27T03:46:10	2014-03-27T03:46:08			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.03.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.2641895769835

A.2 Comments