

V&V Reference Report

L2 ASCDS Version : 10.4.3

Observation 51330 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jan 17 2016

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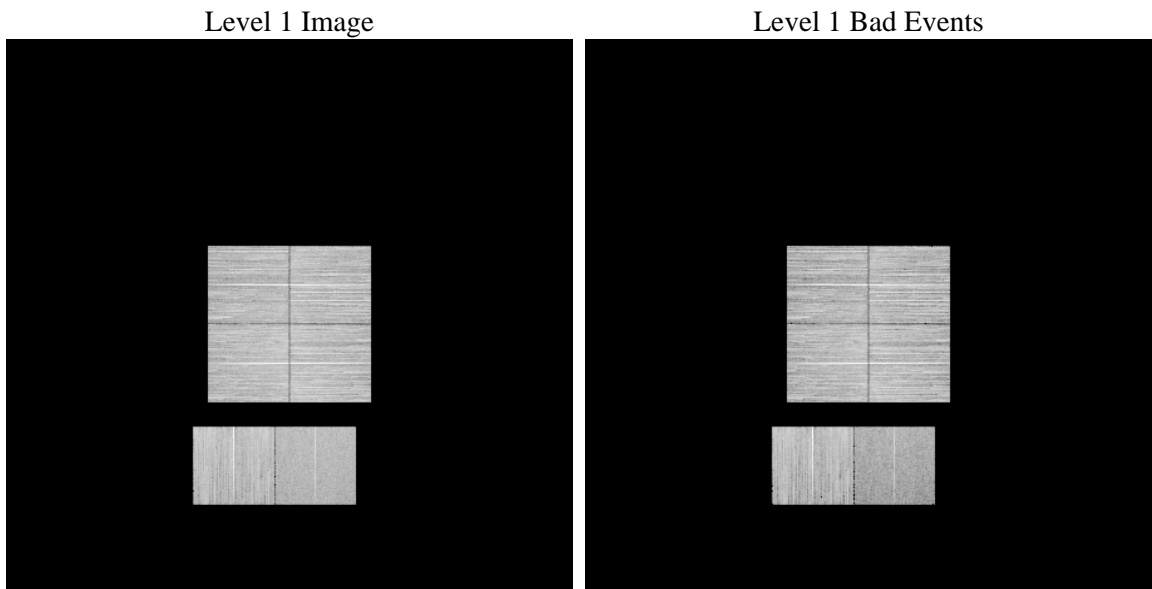
1 Front

seq_num	 	Sequence number
obs_id	51330	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	146.0125842238	Nominal RA [deg]
dec_nom	-23.293564956742	Nominal Dec [deg]
roll_nom	33.53616753335	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8370.7306777239	Sum of GTIs [s]
livetime	8264.7354456337	Livetime [s]
ontime0	8370.689637661	Sum of GTIs [s]
ontime1	8370.6485977173	Sum of GTIs [s]
ontime2	8370.6075576544	Sum of GTIs [s]
ontime3	8370.7717176676	Sum of GTIs [s]
ontime6	8370.5665177107	Sum of GTIs [s]
ontime7	8370.7306777239	Sum of GTIs [s]
l2events	158042	Number of level 2 events

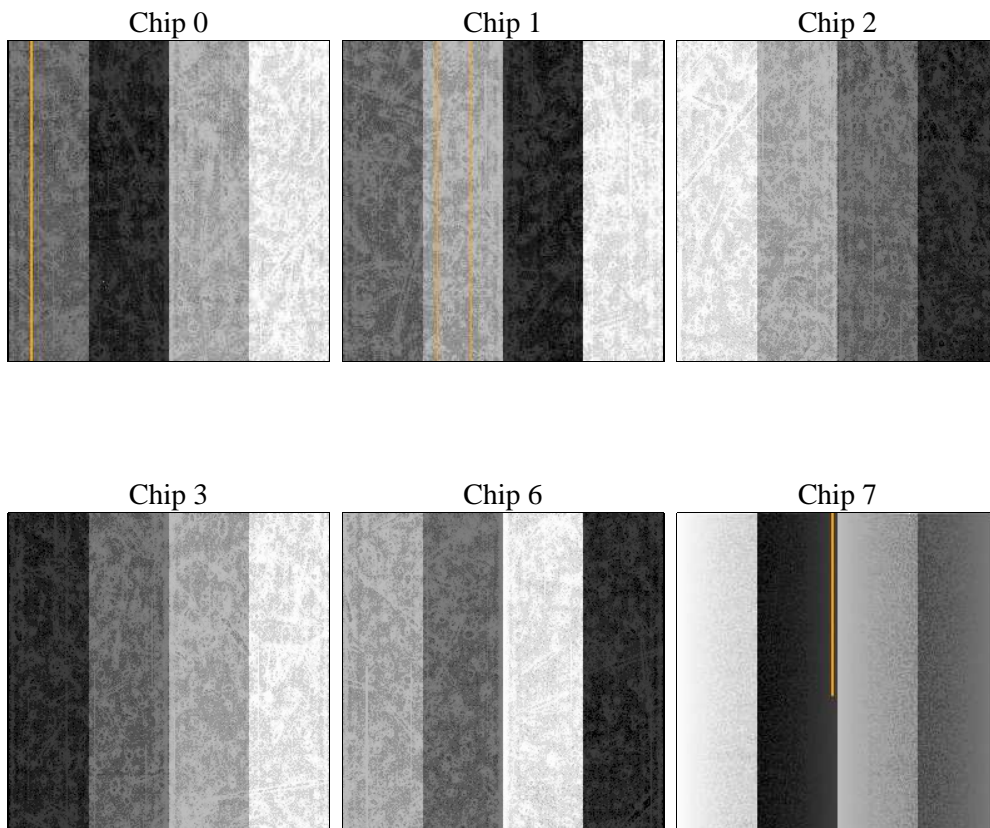
2 OBI

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	10.4.3	Processing system revision	ontime	8370.7306777239	Sum of GTIs [s]
caldbver	4.7.0	 	ontime0	8370.689637661	Sum of GTIs [s]
date	2016-01-17T15:20:43	Date and time of file creation	ontime1	8370.6485977173	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8370.6075576544	Sum of GTIs [s]
			ontime3	8370.7717176676	Sum of GTIs [s]
			ontime6	8370.5665177107	Sum of GTIs [s]
			ontime7	8370.7306777239	Sum of GTIs [s]
			l1events	999440	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	156898	177108	177726	188307	169095	130306	grade 0 events	10772	10058	11276	11330	10319	5594
rejected events	133661	153552	154820	165046	145043	78888		6%	5%	6%	6%	6%	4%
rejected %	85%	86%	87%	87%	85%	60%	grade 1 events	55	49	75	84	58	97
								0%	0%	0%	0%	0%	0%
							grade 2 events	5359	6209	4889	4900	6105	13274
								3%	3%	2%	2%	3%	10%
							grade 3 events	1565	1477	1599	1630	1489	3620
								0%	0%	0%	0%	0%	2%
							grade 4 events	1578	1518	1573	1664	1553	3515
								1%	0%	0%	0%	0%	2%
							grade 5 events	3068	3094	2952	3504	3107	7817
								1%	1%	1%	1%	1%	5%
							grade 6 events	4141	4497	3776	3928	4805	25912
								2%	2%	2%	2%	2%	19%
							grade 7 events	130360	150206	151586	161267	141659	70477
								83%	84%	85%	85%	83%	54%

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	146.0125842237999	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-23.29356495674161	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	33.53616753335034	[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	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	569400168.682225	569400167.65722			
Observation start date	2016-01-17T06:42:49	2016-01-17T06:42:47			
[s] Observation end time (MET)	569411970.532895	569411969.50789			
Observation end date	2016-01-17T09:59:31	2016-01-17T09:59:29			
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)	2016.01.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3707306777239

A.2 Comments