

V&V Reference Report

L2 ASCDS Version : 10.1.1

Observation 53115 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jan 4 2014

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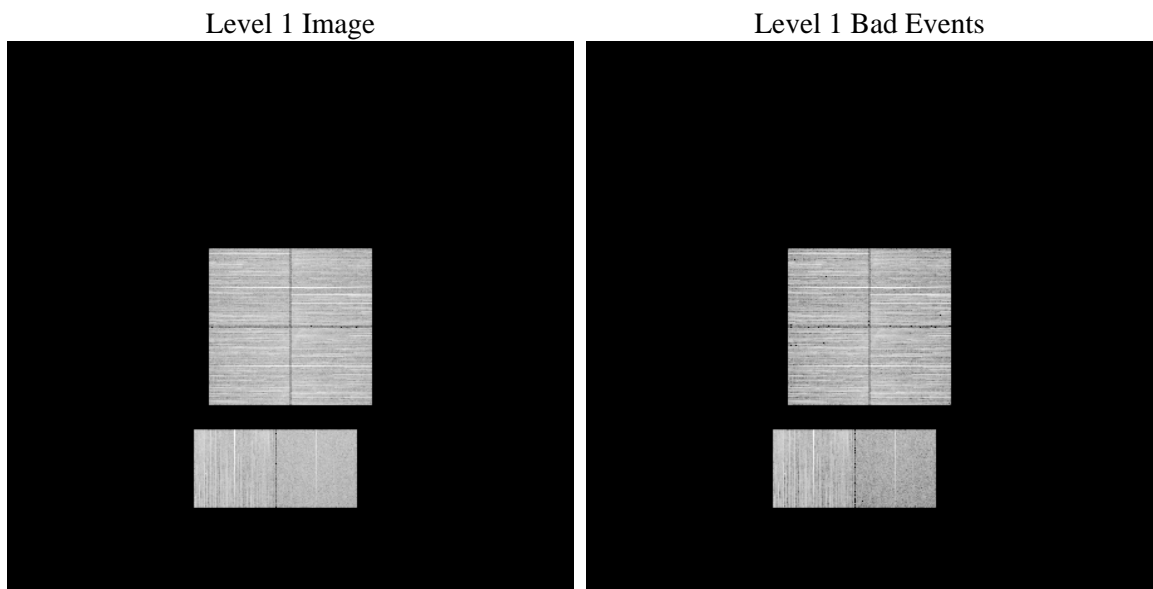
1 Front

seq_num	 	Sequence number
obs_id	53115	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	129.99316702254	Nominal RA [deg]
dec_nom	16.027945115942	Nominal Dec [deg]
roll_nom	70.353992300086	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8085.9614697099	Sum of GTIs [s]
livetime	7983.5721567989	Livetime [s]
ontime0	8085.9204297066	Sum of GTIs [s]
ontime1	8085.8793897033	Sum of GTIs [s]
ontime2	8085.8383497	Sum of GTIs [s]
ontime3	8086.0025097132	Sum of GTIs [s]
ontime6	8085.7973096967	Sum of GTIs [s]
ontime7	8085.9614697099	Sum of GTIs [s]
l2events	182912	Number of level 2 events

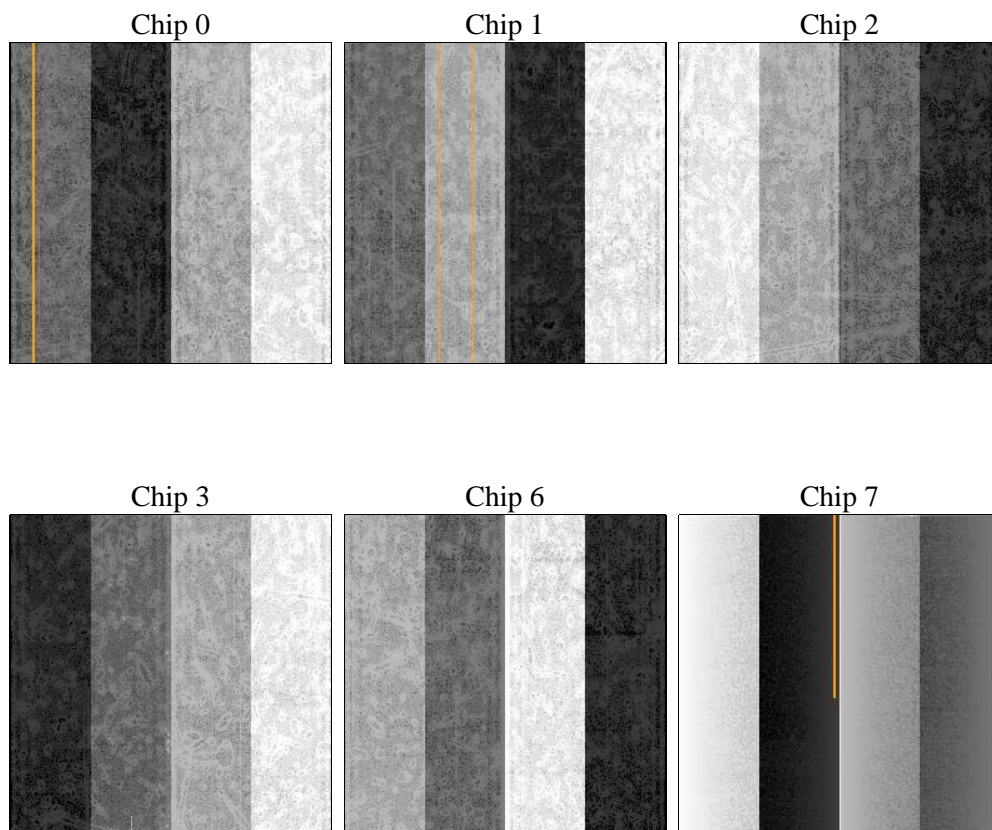
2 OBI

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	10.1.1	Processing system revision	ontime	8085.9614697099	Sum of GTIs [s]
caldsver	4.6.0	 	ontime0	8085.9204297066	Sum of GTIs [s]
date	2014-01-04T05:22:10	Date and time of file creation	ontime1	8085.8793897033	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8085.8383497	Sum of GTIs [s]
			ontime3	8086.0025097132	Sum of GTIs [s]
			ontime6	8085.7973096967	Sum of GTIs [s]
			ontime7	8085.9614697099	Sum of GTIs [s]
			l1events	829458	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	137994	140885	141213	144820	147848	116698	grade 0 events	14542	14101	14998	14743	14601	7780
rejected events	109851	112737	113157	116804	118661	64640		10%	10%	10%	10%	9%	6%
rejected %	79%	80%	80%	80%	80%	55%	grade 1 events	66	71	96	90	70	86
								0%	0%	0%	0%	0%	0%
							grade 2 events	5700	6111	5573	5528	6045	13086
								4%	4%	3%	3%	4%	11%
							grade 3 events	2025	1953	1994	2060	1983	4407
								1%	1%	1%	1%	1%	3%
							grade 4 events	1939	1991	1907	1987	1923	4381
								1%	1%	1%	1%	1%	3%
							grade 5 events	2804	2789	2557	3093	2996	7275
								2%	1%	1%	2%	2%	6%
							grade 6 events	4625	4723	4317	4394	5340	23718
								3%	3%	3%	3%	3%	20%
							grade 7 events	106293	109146	109771	112925	114890	55965
								77%	77%	77%	77%	77%	47%

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	129.9931670225394
[deg] Pointing Dec	0	16.02794511594195
[deg] Pointing Roll	0.0	70.35399230008623
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)	505150435.756571	505150435.756571
Observation start date	2014-01-03T15:33:56	2014-01-03T15:33:55
[s] Observation end time (MET)	505159409.931845	505159409.931845
Observation end date	2014-01-03T18:03:30	2014-01-03T18:03:29
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.01.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0859614697099

A.2 Comments