

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 52465 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Sep 17 2014

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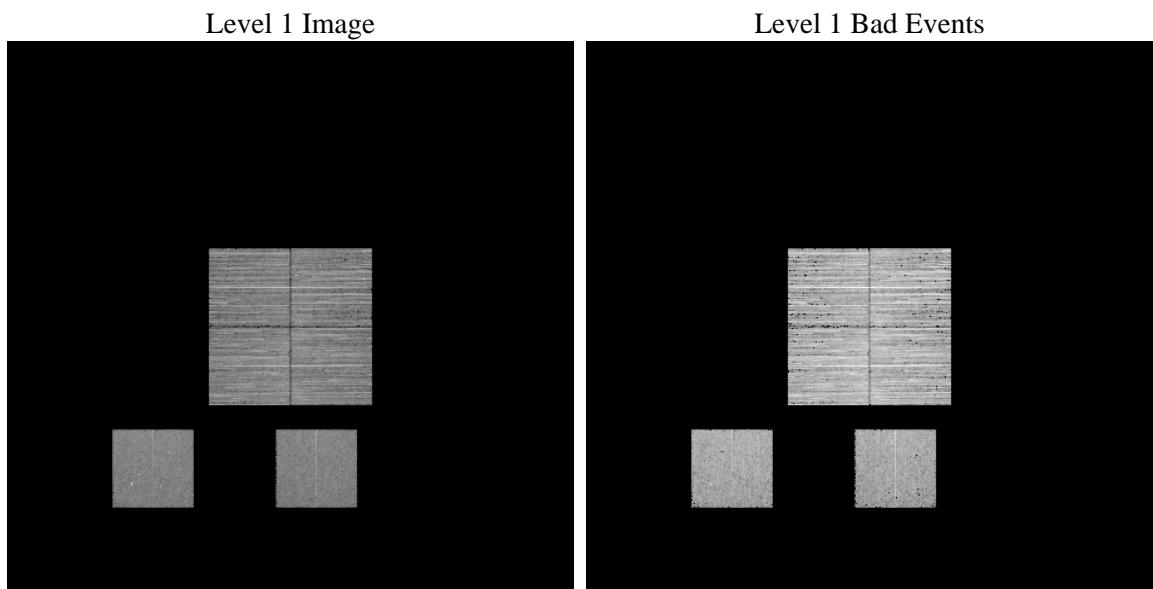
1 Front

seq_num	 	Sequence number
obs_id	52465	Observation id
title	ACIS-012357 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	355.18640286208	Nominal RA [deg]
dec_nom	-28.303838894981	Nominal Dec [deg]
roll_nom	1.4958901546538	Nominal Roll [deg]
revision	1	Processing version of data
ontime	4892.7999818325	Sum of GTIs [s]
livetime	4830.8444023721	Livetime [s]
ontime0	4892.7999818325	Sum of GTIs [s]
ontime1	4892.7999818325	Sum of GTIs [s]
ontime2	4892.7672944069	Sum of GTIs [s]
ontime3	4892.7999818325	Sum of GTIs [s]
ontime5	4892.7262544036	Sum of GTIs [s]
ontime7	4892.7999818325	Sum of GTIs [s]
l2events	124285	Number of level 2 events

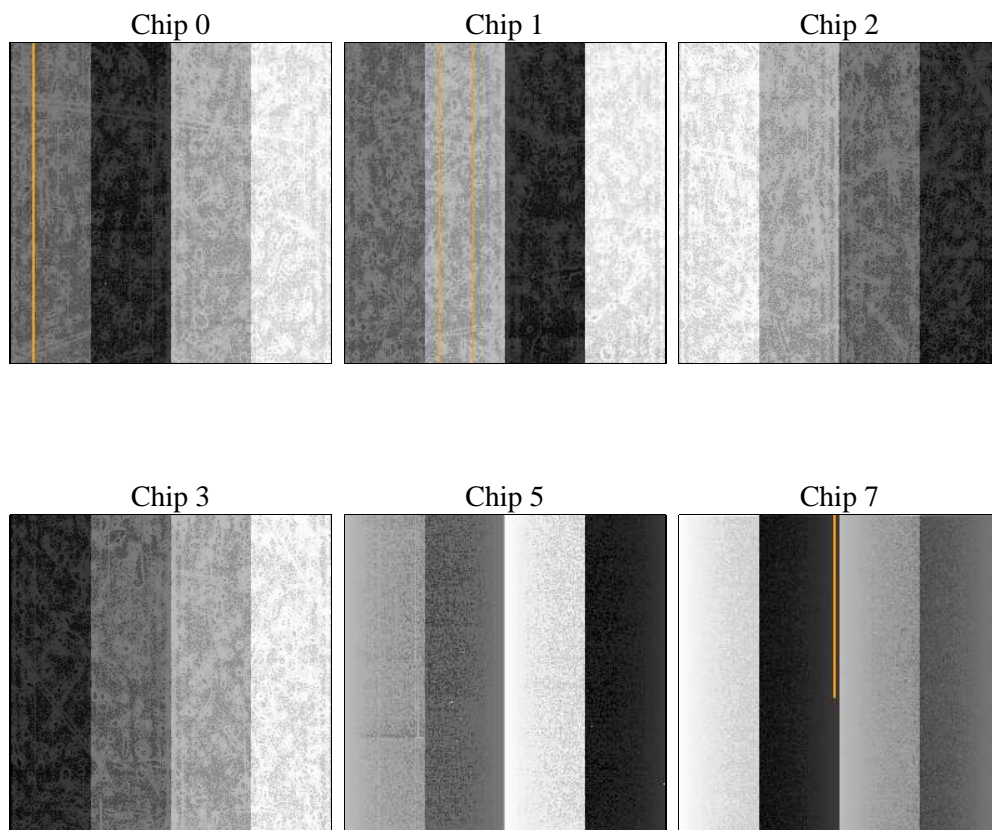
2 OBI

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	10.2.4	Processing system revision	ontime	4892.7999818325	Sum of GTIs [s]
caldbver	4.6.3	 	ontime0	4892.7999818325	Sum of GTIs [s]
date	2014-09-17T20:47:09	Date and time of file creation	ontime1	4892.7999818325	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	4892.7672944069	Sum of GTIs [s]
			ontime3	4892.7999818325	Sum of GTIs [s]
			ontime5	4892.7262544036	Sum of GTIs [s]
			ontime7	4892.7999818325	Sum of GTIs [s]
			l1events	509005	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	83444	93396	94000	90815	75368	71982
rejected events	66844	72672	77356	74052	41766	40404
rejected %	80%	77%	82%	81%	55%	56%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
grade 0 events	8098	11793	8421	8475	3638	4376
	9%	12%	8%	9%	4%	6%
grade 1 events	42	40	47	37	143	39
	0%	0%	0%	0%	0%	0%
grade 2 events	3465	3815	3362	3363	12799	8070
	4%	4%	3%	3%	16%	11%
grade 3 events	1101	1099	1129	1112	951	2412
	1%	1%	1%	1%	1%	3%
grade 4 events	1103	1117	1136	1145	953	2362
	1%	1%	1%	1%	1%	3%
grade 5 events	1652	1703	1541	1785	3227	4081
	1%	1%	1%	1%	4%	5%
grade 6 events	2941	3069	2730	2797	15509	14606
	3%	3%	2%	3%	20%	20%
grade 7 events	65042	70760	75634	72101	38148	36036
	77%	75%	80%	79%	50%	50%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	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	355.1864028620826	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-28.30383889498123	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	1.495890154653849	[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)	527317037.780863	527317036.75586			
Observation start date	2014-09-17T04:57:18	2014-09-17T04:57:16			
[s] Observation end time (MET)	527323302.581211	527323301.55621			
Observation end date	2014-09-17T06:41:43	2014-09-17T06:41:41			
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)	2014.09.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.8927999818325

A.2 Comments