

V&V Reference Report

L2 ASCDS Version : 10.2.2

Observation 52761 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : May 21 2014

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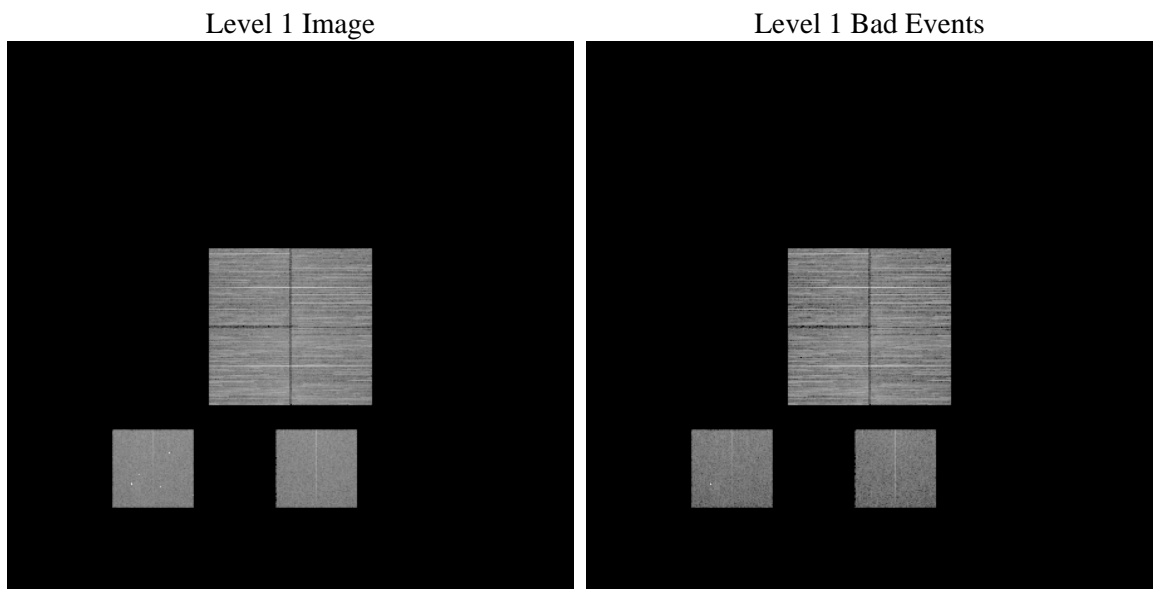
1 Front

seq_num	 	Sequence number
obs_id	52761	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	244.03156202332	Nominal RA [deg]
dec_nom	-49.97972395043	Nominal Dec [deg]
roll_nom	11.997357434709	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8262.3800443411	Sum of GTIs [s]
livetime	8157.7568132117	Livetime [s]
ontime0	8262.3390043378	Sum of GTIs [s]
ontime1	8262.2979643345	Sum of GTIs [s]
ontime2	8262.2569243312	Sum of GTIs [s]
ontime3	8262.3999692798	Sum of GTIs [s]
ontime5	8262.2158843279	Sum of GTIs [s]
ontime7	8262.3800443411	Sum of GTIs [s]
l2events	204312	Number of level 2 events

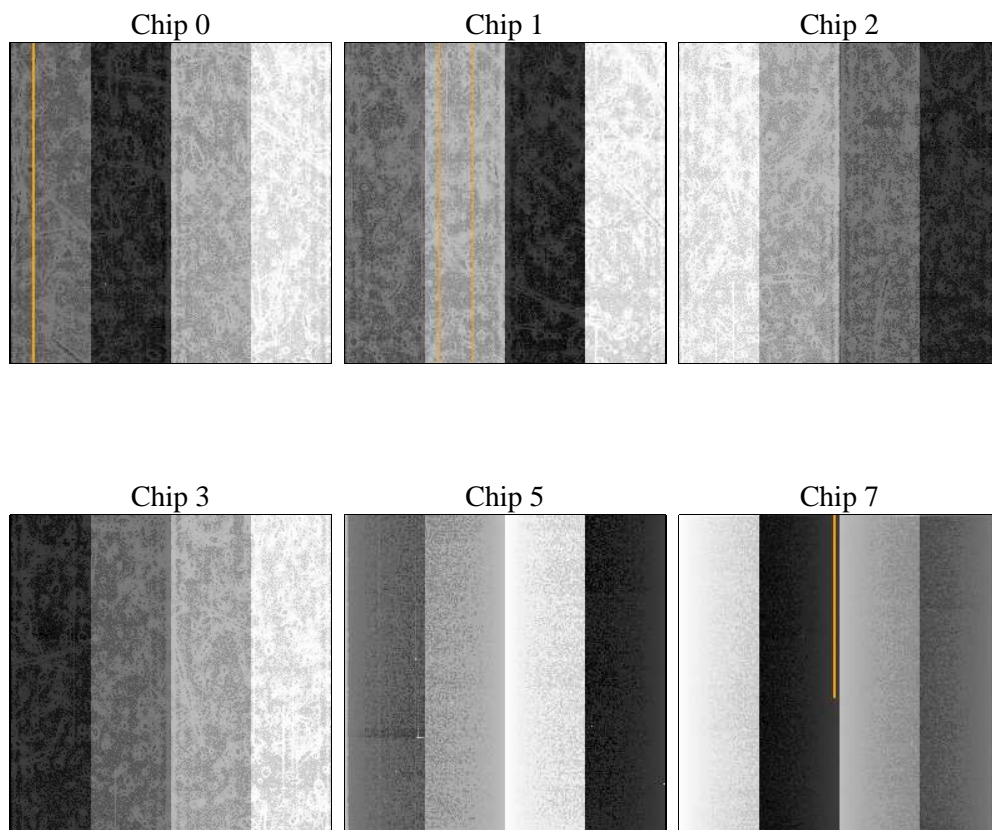
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	10.2.2	Processing system revision	ontime	8262.3800443411	Sum of GTIs [s]
caldsver	4.6.1	 	ontime0	8262.3390043378	Sum of GTIs [s]
date	2014-05-21T16:10:13	Date and time of file creation	ontime1	8262.2979643345	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8262.2569243312	Sum of GTIs [s]
			ontime3	8262.3999692798	Sum of GTIs [s]
			ontime5	8262.2158843279	Sum of GTIs [s]
			ontime7	8262.3800443411	Sum of GTIs [s]
			l1events	841876	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	141169	145176	159621	148048	128623	119239	grade 0 events	13306	13081	13841	13650	7069	7331
rejected events	114775	118271	132816	121544	71359	66024		9%	9%	8%	9%	5%	6%
rejected %	81%	81%	83%	82%	55%	55%	grade 1 events	78	62	71	86	139	86
								0%	0%	0%	0%	0%	0%
							grade 2 events	5397	5717	5299	5119	20632	12961
								3%	3%	3%	3%	16%	10%
							grade 3 events	1820	1901	1860	1795	2045	4464
								1%	1%	1%	1%	1%	3%
							grade 4 events	1763	1822	1834	2011	1923	4306
								1%	1%	1%	1%	1%	3%
							grade 5 events	2951	2929	2692	3187	6239	7663
								2%	2%	1%	2%	4%	6%
							grade 6 events	4212	4488	4089	4019	25814	24356
								2%	3%	2%	2%	20%	20%
							grade 7 events	111642	115176	129935	118181	64762	58072
								79%	79%	81%	79%	50%	48%

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	244.0315620233208	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-49.97972395042983	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	11.99735743470867	[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)	517031646.011171	517031644.98617			
Observation start date	2014-05-21T03:54:06	2014-05-21T03:54:04			
[s] Observation end time (MET)	517041982.111742	517041981.08674			
Observation end date	2014-05-21T06:46:22	2014-05-21T06:46:21			
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)	2014.05.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2623800443411

A.2 Comments