

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56568 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 18 2012

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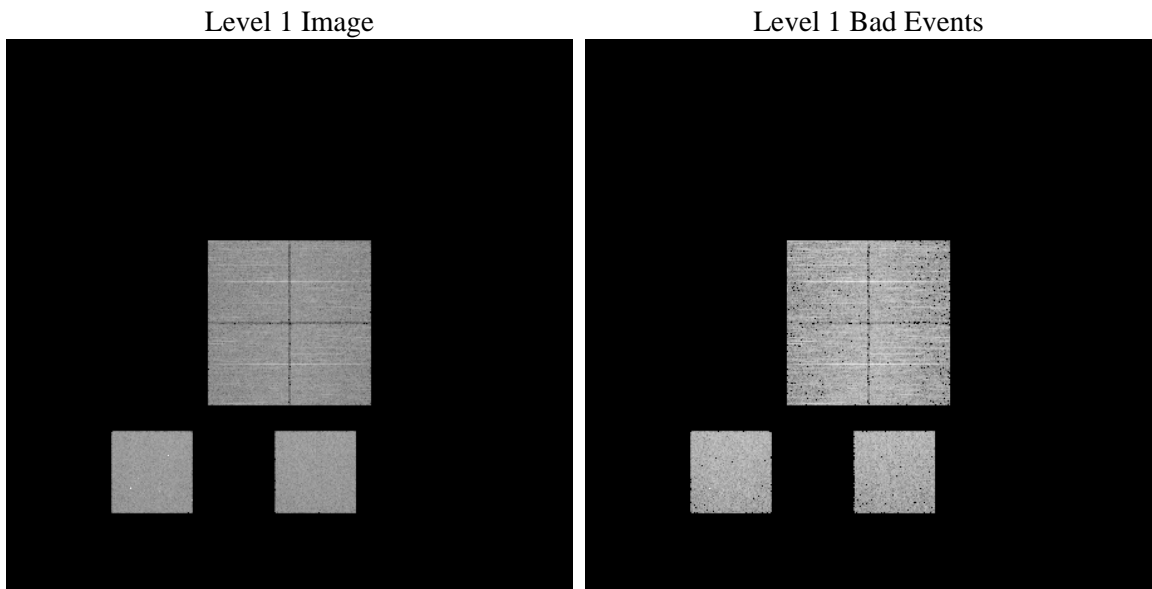
1 Front

seq_num	 	Sequence number
obs_id	56568	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	70.000329028498	Nominal RA [deg]
dec_nom	39.971349723155	Nominal Dec [deg]
roll_nom	237.6256945866	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3270.3999878764	Sum of GTIs [s]
livetime	3228.9882140315	Livetime [s]
ontime0	3270.3999878764	Sum of GTIs [s]
ontime1	3270.3999878764	Sum of GTIs [s]
ontime2	3270.3999878764	Sum of GTIs [s]
ontime3	3270.3999878764	Sum of GTIs [s]
ontime5	3270.3999878764	Sum of GTIs [s]
ontime7	3270.3999878764	Sum of GTIs [s]
l2events	190487	Number of level 2 events

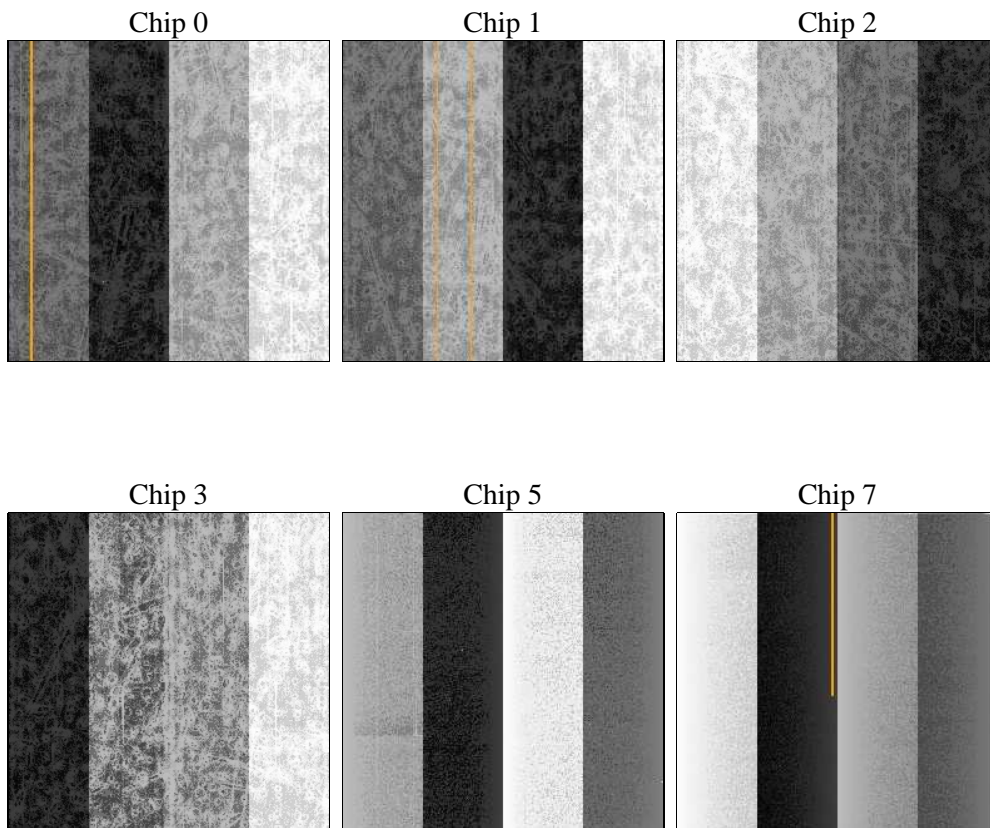
2 OBI

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	8.4.5	Processing system revision	ontime	3270.3999878764	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	3270.3999878764	Sum of GTIs [s]
date	2012-06-18T20:22:45	Date and time of file creation	ontime1	3270.3999878764	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3270.3999878764	Sum of GTIs [s]
			ontime3	3270.3999878764	Sum of GTIs [s]
			ontime5	3270.3999878764	Sum of GTIs [s]
			ontime7	3270.3999878764	Sum of GTIs [s]
			l1events	381043	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	57812	56761	58747	59786	75067	72870	grade 0 events	14648	14527	14900	15182	6920	7838
rejected events	29917	28690	30918	31726	29803	28923		25%	25%	25%	25%	9%	10%
rejected %	51%	50%	52%	53%	39%	39%	grade 1 events	120	98	99	118	151	66
								0%	0%	0%	0%	0%	0%
							grade 2 events	5185	5270	4960	4931	15787	9478
								8%	9%	8%	8%	21%	13%
							grade 3 events	1904	1859	1938	1932	2091	4100
								3%	3%	3%	3%	2%	5%
							grade 4 events	1922	1952	1951	1987	2011	3856
								3%	3%	3%	3%	2%	5%
							grade 5 events	1689	1711	1573	1776	4066	4750
								2%	3%	2%	2%	5%	6%
							grade 6 events	4265	4481	4104	4060	18501	18720
								7%	7%	6%	6%	24%	25%
							grade 7 events	28079	26863	29222	29800	25540	24062
								48%	47%	49%	49%	34%	33%

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	70.0003290284984	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	39.97134972315508	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	237.6256945866027	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	378110512.069862	378110511.04484			
Observation start date	2009-12-25T06:41:52	2009-12-25T06:41:51			
[s] Observation end time (MET)	378116623.120171	378116622.09515			
Observation end date	2009-12-25T08:23:43	2009-12-25T08:23:42			
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)	2012.06.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2703999878764

A.2 Comments