

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56651 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 17 2012

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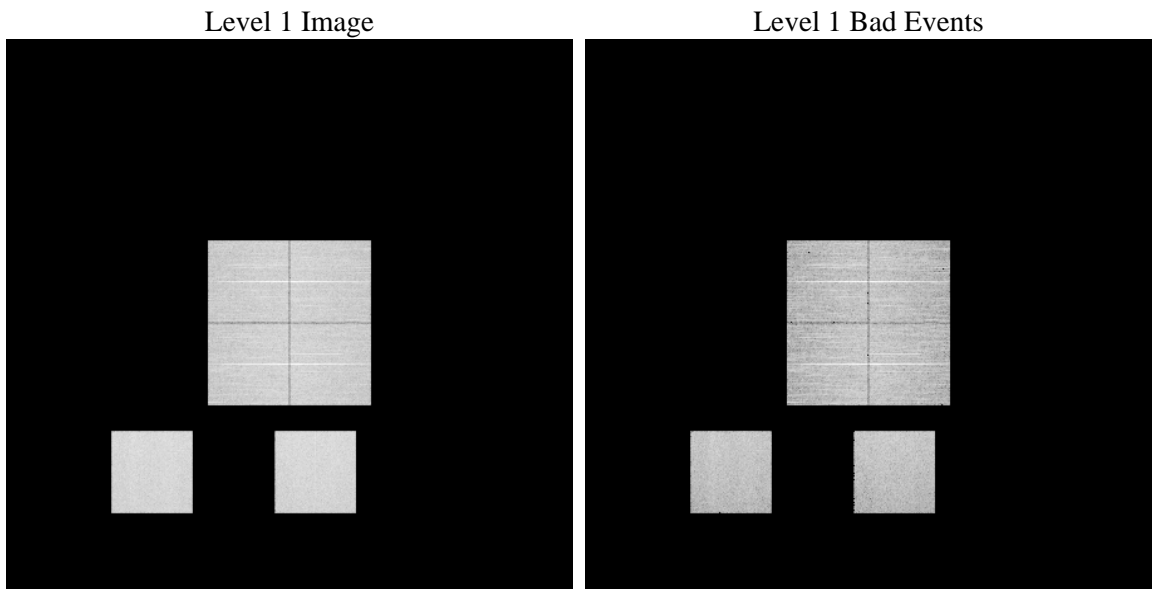
1 Front

seq_num	 	Sequence number
obs_id	56651	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	59.964916564149	Nominal RA [deg]
dec_nom	45.984760307662	Nominal Dec [deg]
roll_nom	179.1765678647	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8435.0972101688	Sum of GTIs [s]
livetime	8328.2869302879	Livetime [s]
ontime0	8435.0561701655	Sum of GTIs [s]
ontime1	8435.0151301622	Sum of GTIs [s]
ontime2	8434.9740901589	Sum of GTIs [s]
ontime3	8435.1382501721	Sum of GTIs [s]
ontime5	8434.9330501556	Sum of GTIs [s]
ontime7	8435.0972101688	Sum of GTIs [s]
l2events	486672	Number of level 2 events

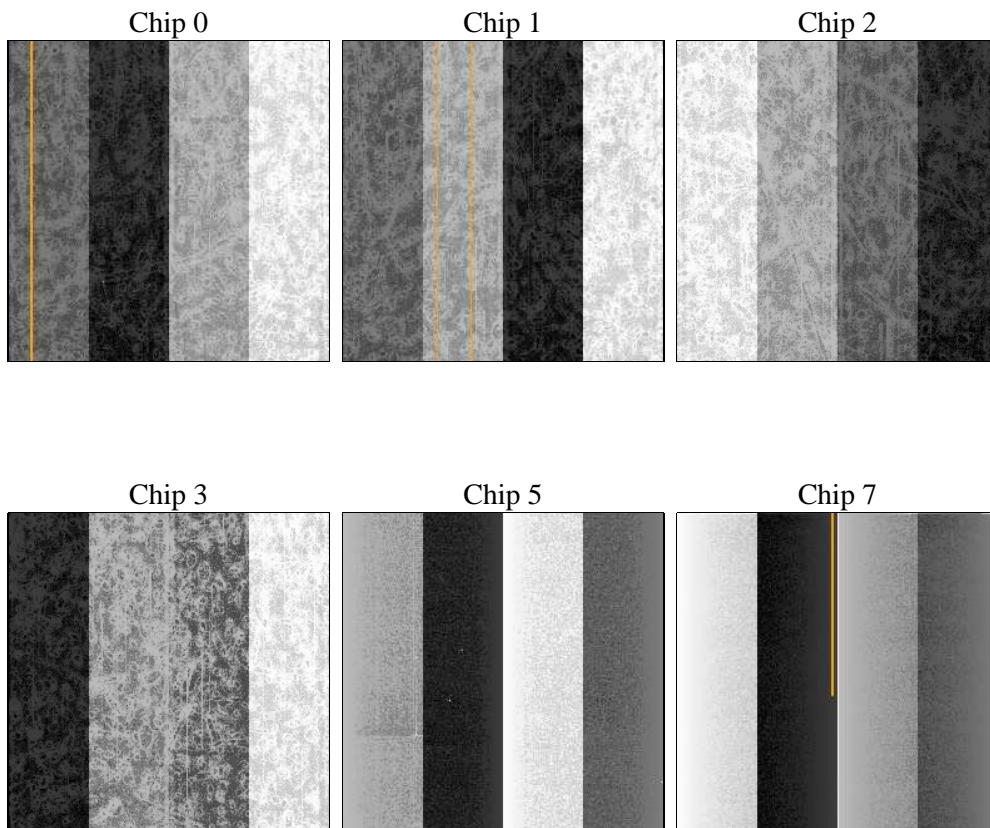
2 OBI

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	8.4.5	Processing system revision	ontime	8435.0972101688	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8435.0561701655	Sum of GTIs [s]
date	2012-06-17T06:01:27	Date and time of file creation	ontime1	8435.0151301622	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8434.9740901589	Sum of GTIs [s]
			ontime3	8435.1382501721	Sum of GTIs [s]
			ontime5	8434.9330501556	Sum of GTIs [s]
			ontime7	8435.0972101688	Sum of GTIs [s]
			l1events	973707	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	146787	148498	151161	153355	187593	186313	grade 0 events	37876	37837	38658	39145	13397	19761
rejected events	75200	75752	79795	81175	76621	74744		25%	25%	25%	25%	7%	10%
rejected %	51%	51%	52%	52%	40%	40%	grade 1 events	295	249	307	316	258	154
								0%	0%	0%	0%	0%	0%
							grade 2 events	13141	13835	12299	12682	40808	24122
								8%	9%	8%	8%	21%	12%
							grade 3 events	4958	4893	4955	4957	4554	10148
								3%	3%	3%	3%	2%	5%
							grade 4 events	4843	4837	4868	5134	4468	9891
								3%	3%	3%	3%	2%	5%
							grade 5 events	4239	4386	4145	4524	9568	11817
								2%	2%	2%	2%	5%	6%
							grade 6 events	10892	11493	10718	10415	47957	47862
								7%	7%	7%	6%	25%	25%
							grade 7 events	70543	70968	75211	76182	66583	62558
								48%	47%	49%	49%	35%	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	59.9649165641495	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	45.98476030766246	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	179.1765678646951	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	375403115.883186	375403114.85819			
Observation start date	2009-11-23T22:38:36	2009-11-23T22:38:34			
[s] Observation end time (MET)	375416602.833867	375416601.80887			
Observation end date	2009-11-24T02:23:23	2009-11-24T02:23:21			
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)	2012.06.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4350972101688

A.2 Comments