

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57766 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 16 2012

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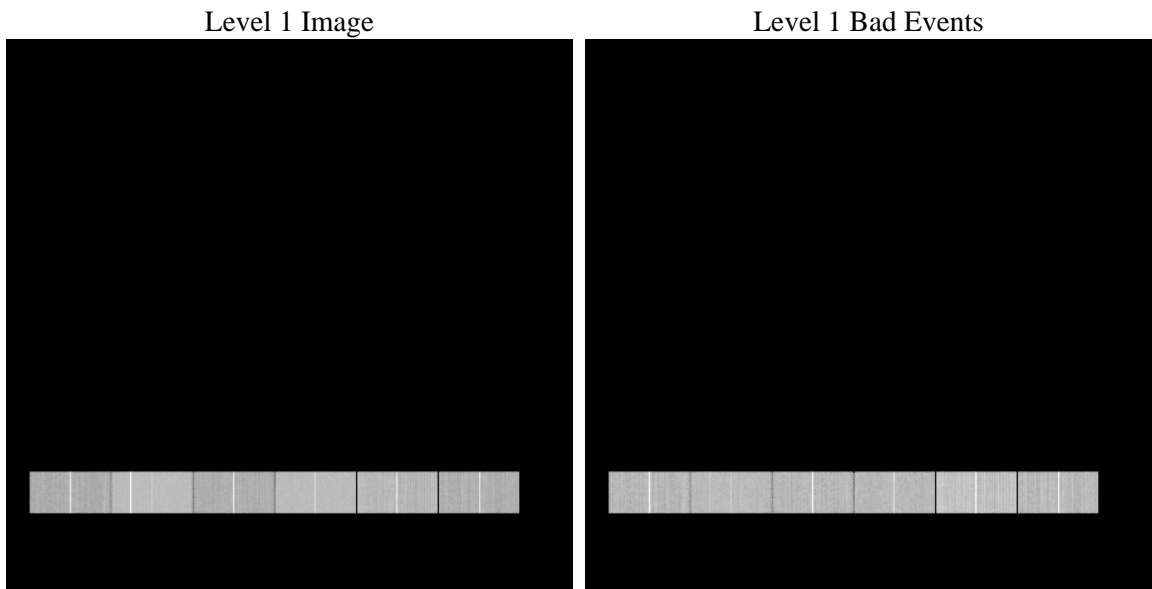
1 Front

seq_num	 	Sequence number
obs_id	57766	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	242.00099677137	Nominal RA [deg]
dec_nom	-8.0294323035077	Nominal Dec [deg]
roll_nom	229.02209871266	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8305.5	Sum of GTIs [s]
livetime	8273.056640625	Livetime [s]
ontime4	4463.01462394	Sum of GTIs [s]
ontime5	8305.5	Sum of GTIs [s]
ontime6	4858.91511482	Sum of GTIs [s]
ontime7	8305.5	Sum of GTIs [s]
ontime8	4938.708414495	Sum of GTIs [s]
ontime9	4778.6598299742	Sum of GTIs [s]
l2events	372370	Number of level 2 events

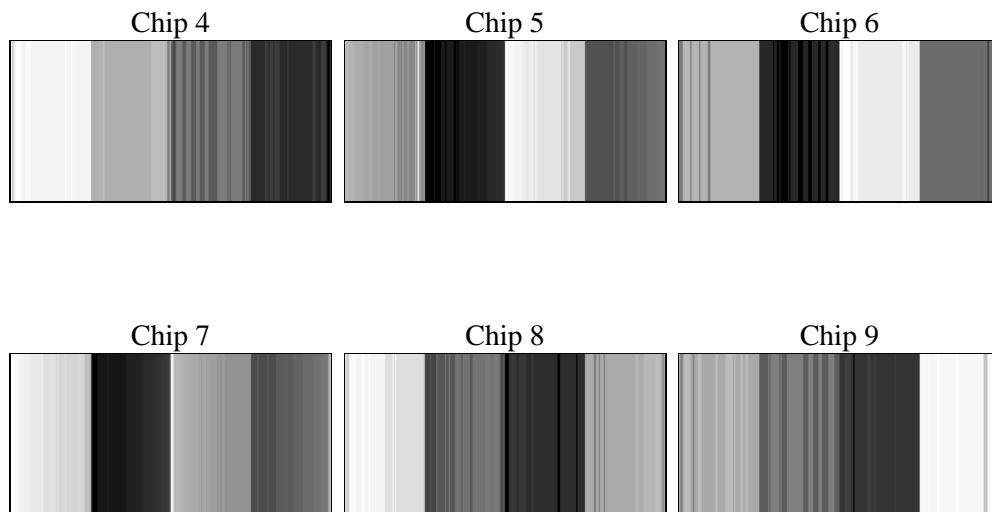
2 OBI

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	8.4.4	Processing system revision	ontime	8305.5	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	4463.01462394	Sum of GTIs [s]
date	2012-05-16T15:18:19	Date and time of file creation	ontime5	8305.5	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	4858.91511482	Sum of GTIs [s]
			ontime7	8305.5	Sum of GTIs [s]
			ontime8	4938.708414495	Sum of GTIs [s]
			ontime9	4778.6598299742	Sum of GTIs [s]
			l1events	1443944	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	184230	323225	194721	282466	260426	198876	grade 0 events	5682	38780	5260	20075	10630	5976
rejected events	156685	152888	160741	147523	219573	166692		3%	11%	2%	7%	4%	3%
rejected %	85%	47%	82%	52%	84%	83%	grade 1 events	98	160	56	160	122	53
								0%	0%	0%	0%	0%	0%
							grade 2 events	31138	68043	35284	40933	37366	33353
								16%	21%	18%	14%	14%	16%
							grade 3 events	1540	3057	1507	9011	2907	1576
								0%	0%	0%	3%	1%	0%
							grade 4 events	1570	3141	1450	9073	2674	1569
								0%	0%	0%	3%	1%	0%
							grade 5 events	2324	9346	2555	11109	3427	2676
								1%	2%	1%	3%	1%	1%
							grade 6 events	9883	58869	12473	57037	15055	11876
								5%	18%	6%	20%	5%	5%
							grade 7 events	131995	141829	136136	135068	188245	141797
								71%	43%	69%	47%	72%	71%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	CC33_FAINT	CC33_FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	242.0009967713672	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-8.029432303507686	[s] Primary exposure time	0	0
[deg] Pointing Roll	0.0	229.0220987126555			
[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)	329714151.405122	329714150.38012			
Observation start date	2008-06-13T03:15:51	2008-06-13T03:15:50			
[s] Observation end time (MET)	329726951.605748	329726950.58075			
Observation end date	2008-06-13T06:49:12	2008-06-13T06:49:10			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3055

A.2 Comments