

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57559 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 22 2012

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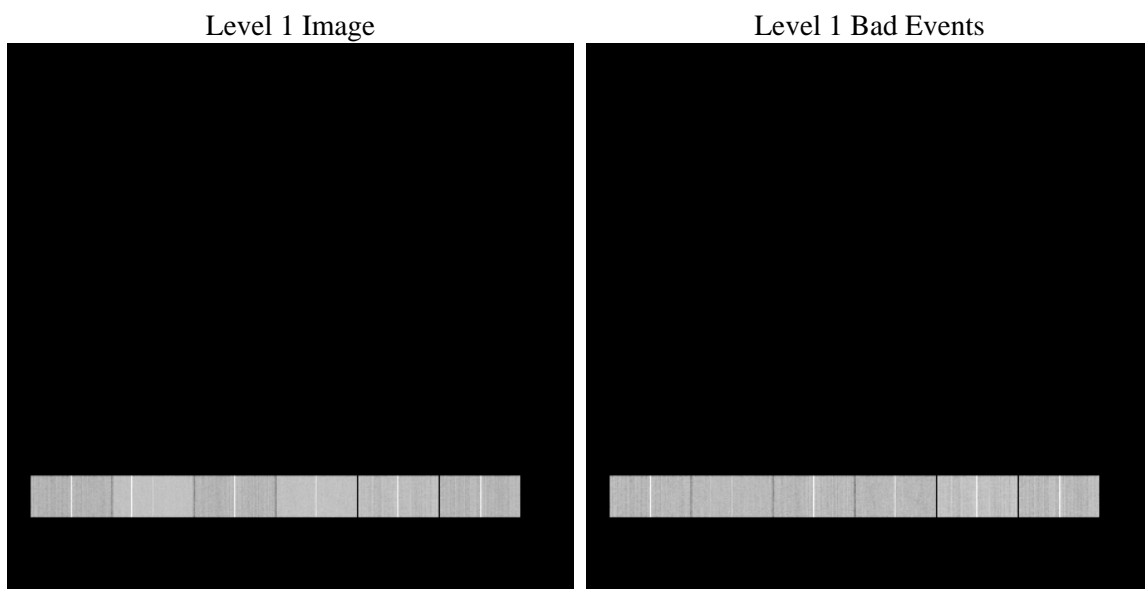
1 Front

seq_num	 	Sequence number
obs_id	57559	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	354.9991552395	Nominal RA [deg]
dec_nom	21.971293169612	Nominal Dec [deg]
roll_nom	235.56470449509	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8381.75	Sum of GTIs [s]
livetime	8349.0087890625	Livetime [s]
ontime4	4538.9236851335	Sum of GTIs [s]
ontime5	8381.75	Sum of GTIs [s]
ontime6	4978.1388937831	Sum of GTIs [s]
ontime7	8381.75	Sum of GTIs [s]
ontime8	5100.7102504969	Sum of GTIs [s]
ontime9	4946.036590457	Sum of GTIs [s]
l2events	359823	Number of level 2 events

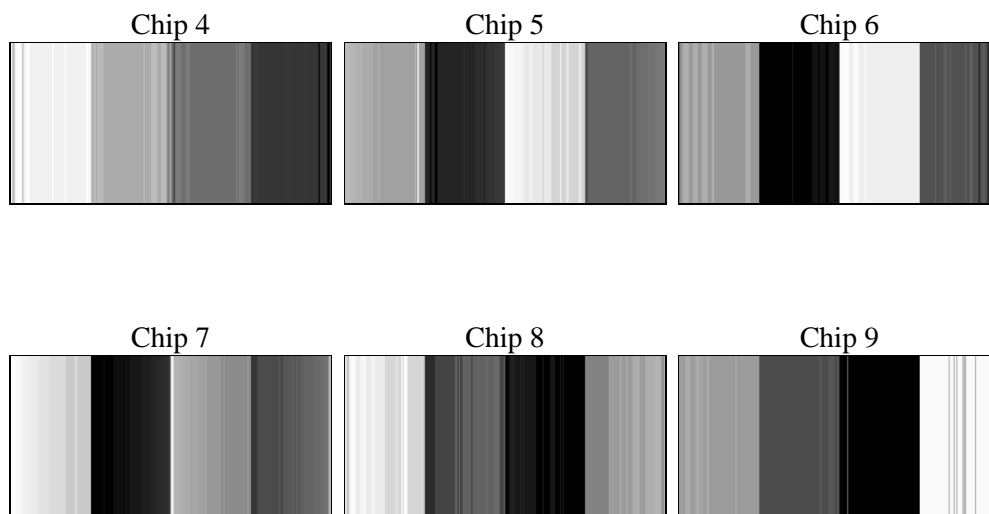
2 OBI

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	8381.75	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	4538.9236851335	Sum of GTIs [s]
date	2012-05-22T13:17:20	Date and time of file creation	ontime5	8381.75	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	4978.1388937831	Sum of GTIs [s]
			ontime7	8381.75	Sum of GTIs [s]
			ontime8	5100.7102504969	Sum of GTIs [s]
			ontime9	4946.036590457	Sum of GTIs [s]
			l1events	1444013	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	188344	311786	202736	277532	257016	206599	grade 0 events	5037	31860	5194	18411	10541	5733
rejected events	162365	152498	169927	149034	216202	175151		2%	10%	2%	6%	4%	2%
rejected %	86%	48%	83%	53%	84%	84%	grade 1 events	91	178	73	164	109	76
								0%	0%	0%	0%	0%	0%
							grade 2 events	28584	62917	33022	38479	35471	31582
								15%	20%	16%	13%	13%	15%
							grade 3 events	1542	3036	1567	8336	2919	1519
								0%	0%	0%	3%	1%	0%
							grade 4 events	1523	2830	1554	8386	2944	1580
								0%	0%	0%	3%	1%	0%
							grade 5 events	2347	9574	2569	11409	3486	2702
								1%	3%	1%	4%	1%	1%
							grade 6 events	9255	58734	11866	54978	14369	11311
								4%	18%	5%	19%	5%	5%
							grade 7 events	139965	142657	146891	137369	187177	152096
								74%	45%	72%	49%	72%	73%

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	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	354.9991552394974	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	21.97129316961163	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	235.5647044950941	[s] Primary exposure time	0	0
[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)	339982508.918588	339982507.89359			
Observation start date	2008-10-09T23:35:09	2008-10-09T23:35:07			
[s] Observation end time (MET)	340005657.519727	340005656.49473			
Observation end date	2008-10-10T06:00:58	2008-10-10T06:00:56			
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)	2012.05.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.38175

A.2 Comments