

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57857 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 13 2012

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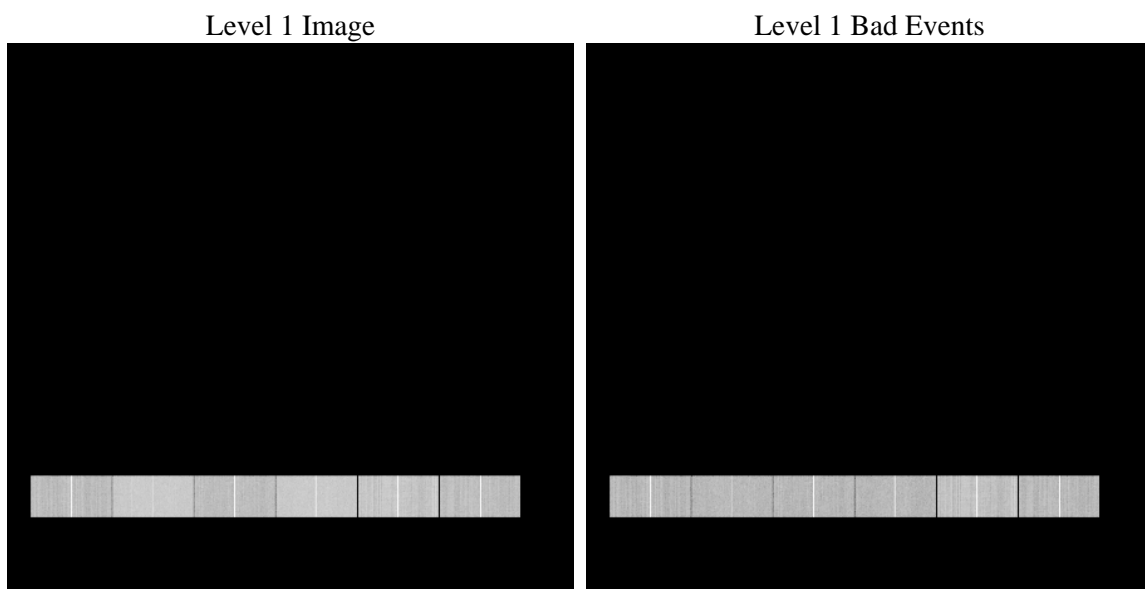
1 Front

seq_num	 	Sequence number
obs_id	57857	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	220.98190630702	Nominal RA [deg]
dec_nom	-8.9774624989571	Nominal Dec [deg]
roll_nom	95.317680518302	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8344.75	Sum of GTIs [s]
livetime	8312.1533203125	Livetime [s]
ontime4	4660.3343027234	Sum of GTIs [s]
ontime5	8344.75	Sum of GTIs [s]
ontime6	5067.2392747402	Sum of GTIs [s]
ontime7	8344.75	Sum of GTIs [s]
ontime8	5090.7928343415	Sum of GTIs [s]
ontime9	5026.3811168075	Sum of GTIs [s]
l2events	387845	Number of level 2 events

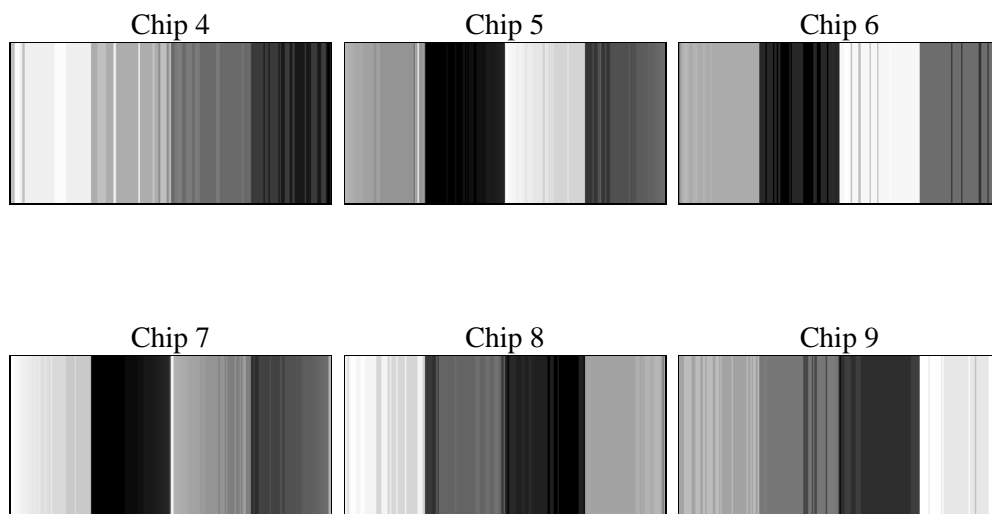
2 OBI

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	8344.75	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	4660.3343027234	Sum of GTIs [s]
date	2012-05-13T01:59:02	Date and time of file creation	ontime5	8344.75	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	5067.2392747402	Sum of GTIs [s]
			ontime7	8344.75	Sum of GTIs [s]
			ontime8	5090.7928343415	Sum of GTIs [s]
			ontime9	5026.3811168075	Sum of GTIs [s]
			l1events	1443412	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	197769	285297	202272	284178	267375	206521	grade 0 events	6089	10323	5926	19288	10773	6508
rejected events	167226	149006	164571	148651	223247	171213		3%	3%	2%	6%	4%	3%
rejected %	84%	52%	81%	52%	83%	82%	grade 1 events	79	154	58	154	112	65
								0%	0%	0%	0%	0%	0%
							grade 2 events	33170	60371	38059	41349	39247	35727
								16%	21%	18%	14%	14%	17%
							grade 3 events	1618	3272	1621	8718	2807	1508
								0%	1%	0%	3%	1%	0%
							grade 4 events	1648	3182	1540	8728	2692	1604
								0%	1%	0%	3%	1%	0%
							grade 5 events	2371	9512	2570	10855	3530	2768
								1%	3%	1%	3%	1%	1%
							grade 6 events	10344	59893	13346	58228	15617	12435
								5%	20%	6%	20%	5%	6%
							grade 7 events	142450	138590	139152	136858	192597	145906
								72%	48%	68%	48%	72%	70%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	CC33_FAINT	CC33_FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	220.9819063070247
[deg] Pointing Dec	0	-8.97746249895709
[deg] Pointing Roll	0.0	95.31768051830244
[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)	324684980.45985	324684979.43484
Observation start date	2008-04-15T22:16:20	2008-04-15T22:16:19
[s] Observation end time (MET)	324697428.060457	324697427.03544
Observation end date	2008-04-16T01:43:48	2008-04-16T01:43:47
Read mode	CONTINUOUS	CONTINUOUS

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	0	0

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.34475

A.2 Comments