

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58261 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 29 2012

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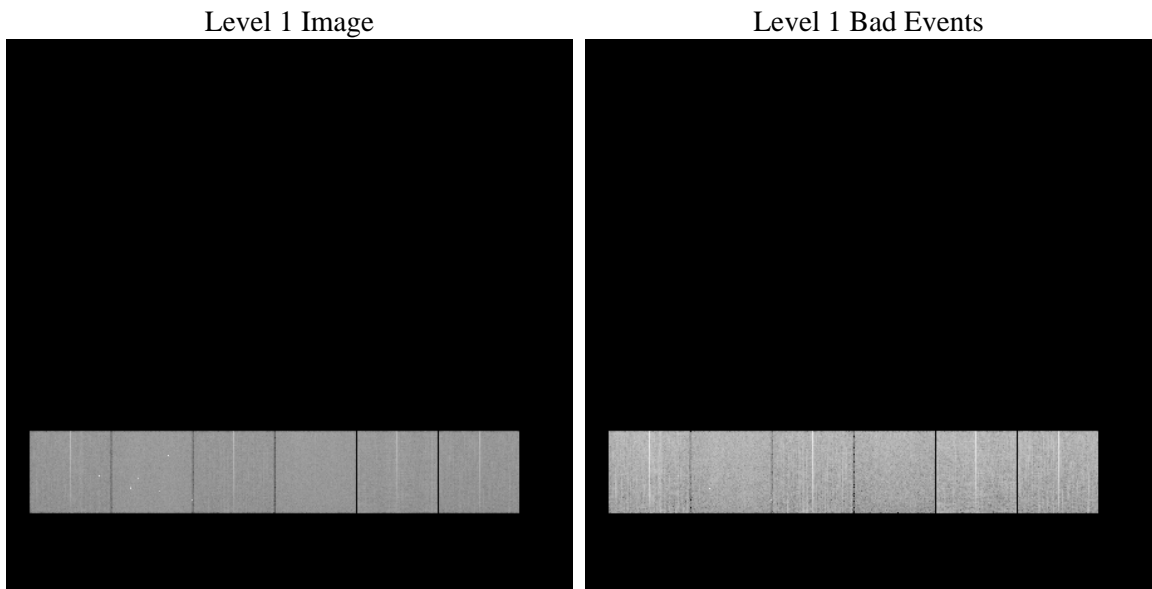
1 Front

seq_num	 	Sequence number
obs_id	58261	Observation id
title	ACIS-456789 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	298.00566539782	Nominal RA [deg]
dec_nom	-4.028149248341	Nominal Dec [deg]
roll_nom	248.50632476264	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8277.5461378098	Sum of GTIs [s]
livetime	8172.7308644729	Livetime [s]
ontime4	8277.466353178	Sum of GTIs [s]
ontime5	8277.5461378098	Sum of GTIs [s]
ontime6	8277.5073931813	Sum of GTIs [s]
ontime7	8277.5461378098	Sum of GTIs [s]
ontime8	8277.4253131747	Sum of GTIs [s]
ontime9	8277.5461178422	Sum of GTIs [s]
l2events	728241	Number of level 2 events

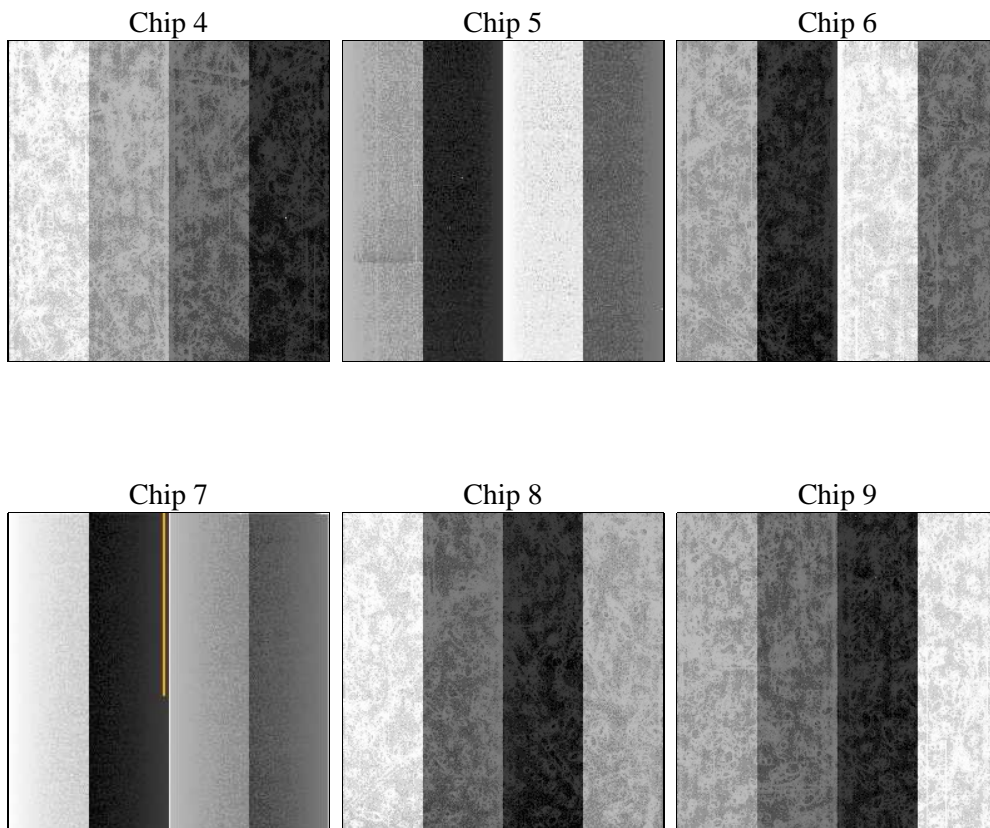
2 OBI

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	8.4.4	Processing system revision	ontime	8277.5461378098	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8277.466353178	Sum of GTIs [s]
date	2012-04-29T16:00:31	Date and time of file creation	ontime5	8277.5461378098	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8277.5073931813	Sum of GTIs [s]
			ontime7	8277.5461378098	Sum of GTIs [s]
			ontime8	8277.4253131747	Sum of GTIs [s]
			ontime9	8277.5461178422	Sum of GTIs [s]
			l1events	1244931	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	198200	218160	198777	217766	216531	195497	grade 0 events	66254	26361	65150	31505	69294	63404
rejected events	83498	71020	76990	66076	82317	78249		33%	12%	32%	14%	32%	32%
rejected %	42%	32%	38%	30%	38%	40%	grade 1 events	648	274	415	182	475	508
								0%	0%	0%	0%	0%	0%
							grade 2 events	18083	52608	21159	32847	24234	20321
								9%	24%	10%	15%	11%	10%
							grade 3 events	7944	7462	7811	14649	9459	7685
								4%	3%	3%	6%	4%	3%
							grade 4 events	7658	7282	7720	14274	9267	7730
								3%	3%	3%	6%	4%	3%
							grade 5 events	4209	10130	4407	10995	5529	4839
								2%	4%	2%	5%	2%	2%
							grade 6 events	14763	53427	19947	58415	21960	18108
								7%	24%	10%	26%	10%	9%
							grade 7 events	78641	60616	72168	54899	76313	72902
								39%	27%	36%	25%	35%	37%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	298.0056653978171
[deg] Pointing Dec	0	-4.028149248340997
[deg] Pointing Roll	0.0	248.5063247626421
[mm] SIM focus pos	-0.684267	-1.526339935833849
[mm] SIM defocus	0	0.006996703570447904
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	303656177.842599	303656176.8176
Observation start date	2007-08-16T12:56:18	2007-08-16T12:56:16
[s] Observation end time (MET)	303679566.293722	303679565.26873
Observation end date	2007-08-16T19:26:06	2007-08-16T19:26:05
Read mode	TIMED	TIMED

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	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.05.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2775461378098

A.2 Comments