

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58407 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 24 2012

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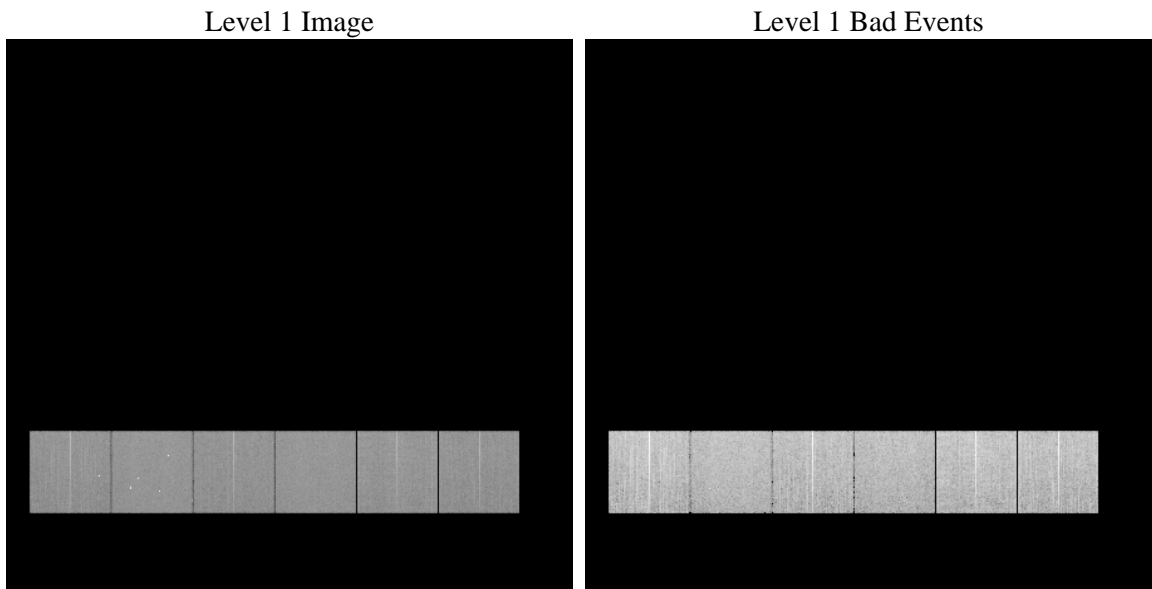
1 Front

seq_num	 	Sequence number
obs_id	58407	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	250.5812942956	Nominal RA [deg]
dec_nom	-12.979203508997	Nominal Dec [deg]
roll_nom	99.781214029261	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7788.5943555832	Sum of GTIs [s]
livetime	7689.9704841243	Livetime [s]
ontime4	7788.4712355733	Sum of GTIs [s]
ontime5	7788.5533155799	Sum of GTIs [s]
ontime6	7788.5122755766	Sum of GTIs [s]
ontime7	7788.5943555832	Sum of GTIs [s]
ontime8	7788.43019557	Sum of GTIs [s]
ontime9	7788.6353955865	Sum of GTIs [s]
l2events	726303	Number of level 2 events

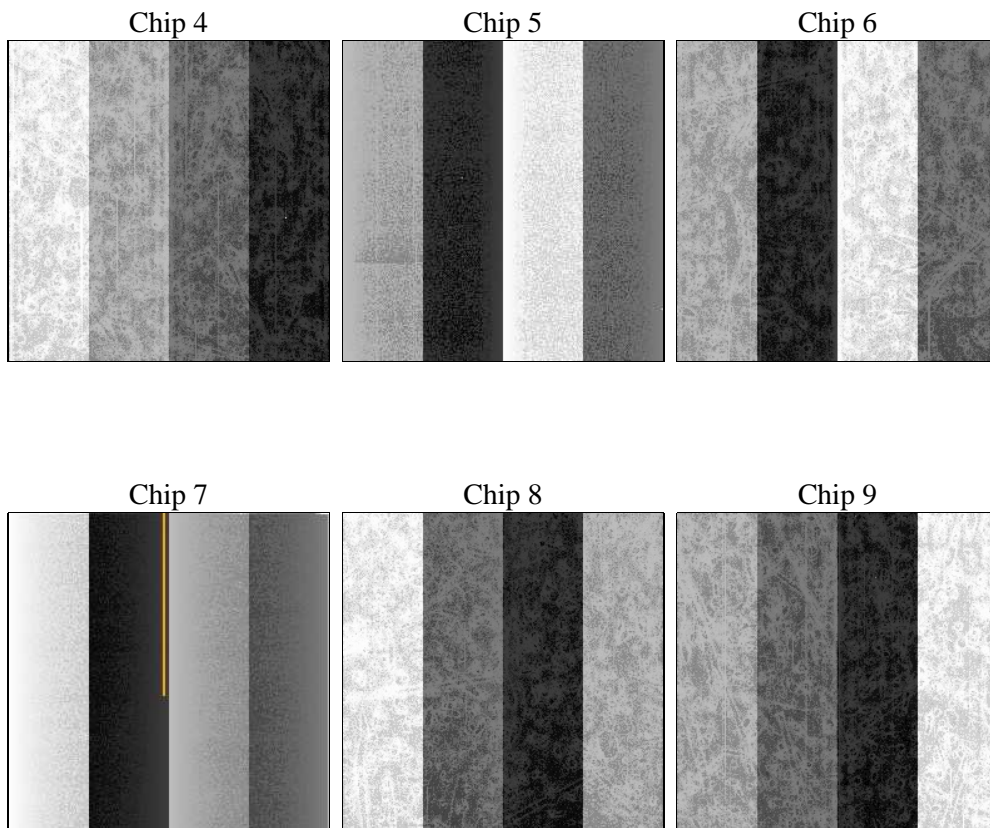
2 OBI

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	7788.5943555832	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7788.4712355733	Sum of GTIs [s]
date	2012-04-24T10:24:11	Date and time of file creation	ontime5	7788.5533155799	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7788.5122755766	Sum of GTIs [s]
			ontime7	7788.5943555832	Sum of GTIs [s]
			ontime8	7788.43019557	Sum of GTIs [s]
			ontime9	7788.6353955865	Sum of GTIs [s]
			l1events	1220634	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	196267	214719	192586	210942	214484	191636	grade 0 events	67085	30716	65906	31924	69781	63910
rejected events	80640	65958	69927	61718	79886	74094		34%	14%	34%	15%	32%	33%
rejected %	41%	30%	36%	29%	37%	38%	grade 1 events	663	250	406	149	479	458
								0%	0%	0%	0%	0%	0%
							grade 2 events	18255	51782	21541	32645	24414	20154
								9%	24%	11%	15%	11%	10%
							grade 3 events	7779	7474	7797	14318	9289	7701
								3%	3%	4%	6%	4%	4%
							grade 4 events	7830	7305	7680	14263	9259	7719
								3%	3%	3%	6%	4%	4%
							grade 5 events	3899	9292	4084	10182	5271	4478
								1%	4%	2%	4%	2%	2%
							grade 6 events	14720	51549	19780	56135	21900	18109
								7%	24%	10%	26%	10%	9%
							grade 7 events	76036	56351	65392	51326	74091	69107
								38%	26%	33%	24%	34%	36%

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	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	250.5812942956028	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-12.97920350899739	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	99.78121402926064			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	294706633.864257	294706632.83926			
Observation start date	2007-05-04T22:57:14	2007-05-04T22:57:12			
[s] Observation end time (MET)	294725584.065161	294725583.04016			
Observation end date	2007-05-05T04:13:04	2007-05-05T04:13:03			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.04.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7885943555832

A.2 Comments