

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57209 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 3 2012

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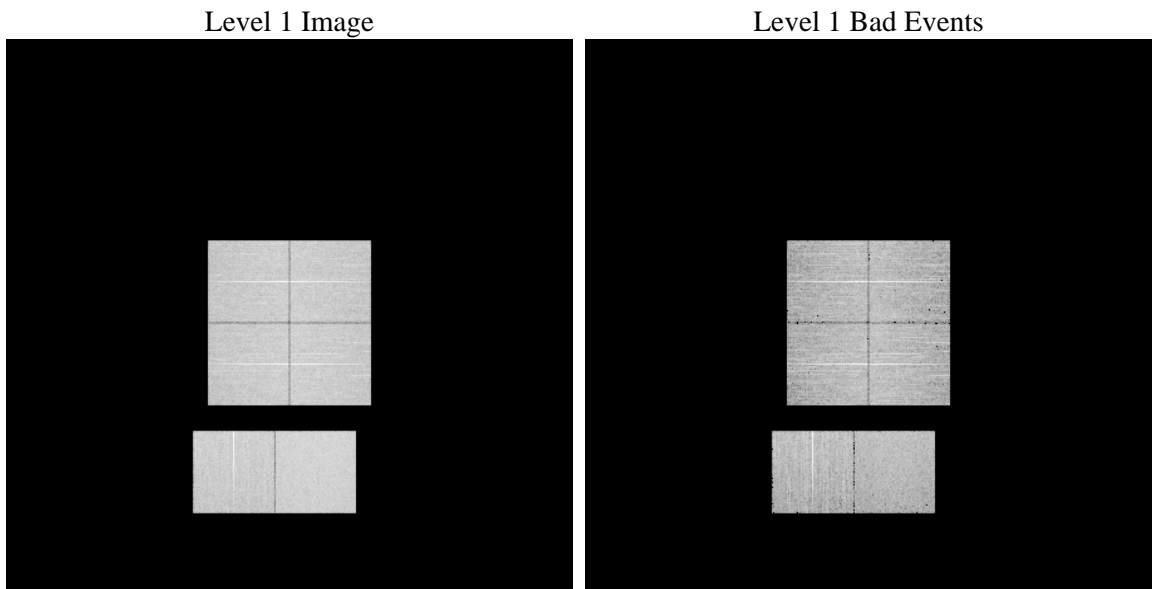
1 Front

seq_num	 	Sequence number
obs_id	57209	Observation id
title	ACIS-012367 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	195.47005564819	Nominal RA [deg]
dec_nom	21.093489727512	Nominal Dec [deg]
roll_nom	160.15836097724	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6789.6051024795	Sum of GTIs [s]
livetime	6703.6310344625	Livetime [s]
ontime0	6789.5640624762	Sum of GTIs [s]
ontime1	6789.5230224729	Sum of GTIs [s]
ontime2	6786.2409822345	Sum of GTIs [s]
ontime3	6789.6461424828	Sum of GTIs [s]
ontime6	6789.4409424663	Sum of GTIs [s]
ontime7	6789.6051024795	Sum of GTIs [s]
l2events	409458	Number of level 2 events

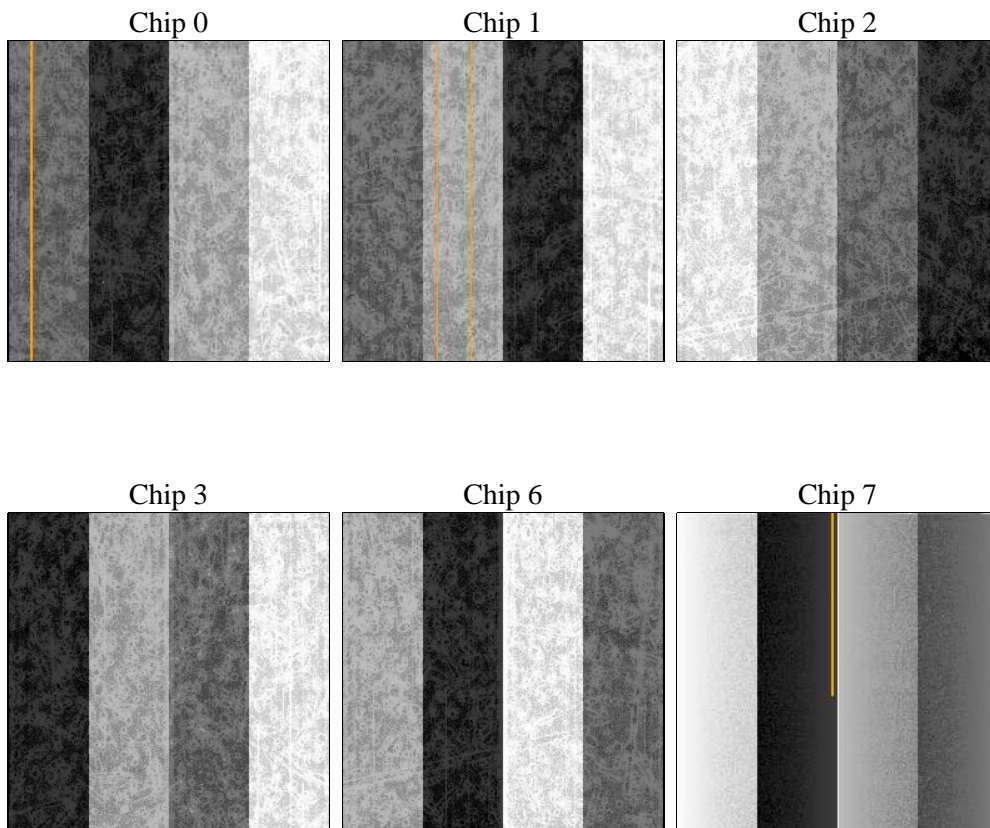
2 OBI

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	6789.6051024795	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	6789.5640624762	Sum of GTIs [s]
date	2012-06-03T09:39:27	Date and time of file creation	ontime1	6789.5230224729	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	6786.2409822345	Sum of GTIs [s]
			ontime3	6789.6461424828	Sum of GTIs [s]
			ontime6	6789.4409424663	Sum of GTIs [s]
			ontime7	6789.6051024795	Sum of GTIs [s]
			l1events	819805	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	128721	129171	130723	136077	135989	159124	grade 0 events	35949	34943	36635	36997	36335	18270
rejected events	62524	62731	64639	69220	67438	60729		27%	27%	28%	27%	26%	11%
rejected %	48%	48%	49%	50%	49%	38%	grade 1 events	296	237	293	285	244	129
								0%	0%	0%	0%	0%	0%
							grade 2 events	12088	12826	11427	11760	12592	21889
								9%	9%	8%	8%	9%	13%
							grade 3 events	4529	4560	4735	4696	4502	9026
								3%	3%	3%	3%	3%	5%
							grade 4 events	4445	4495	4578	4697	4508	9062
								3%	3%	3%	3%	3%	5%
							grade 5 events	3440	3441	3286	3744	3696	9298
								2%	2%	2%	2%	2%	5%
							grade 6 events	10094	10529	9613	9627	11594	41458
								7%	8%	7%	7%	8%	26%
							grade 7 events	57880	58140	60156	64271	62518	49992
								44%	45%	46%	47%	45%	31%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	195.470055648192	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	21.09348972751177	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	160.1583609772447	[s] Primary exposure time	3.2	3.2
[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)	354618669.142738	354618668.11775			
Observation start date	2009-03-28T09:11:09	2009-03-28T09:11:08			
[s] Observation end time (MET)	354627281.193166	354627280.16818			
Observation end date	2009-03-28T11:34:41	2009-03-28T11:34:40			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.7896051024795

A.2 Comments

Switch to format 4 at the same time as the stop science command forced some events to be telemetered after the obsid switch to the next obsid. However, all events related to this obsid are included in this processing.