

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55028 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 27 2012

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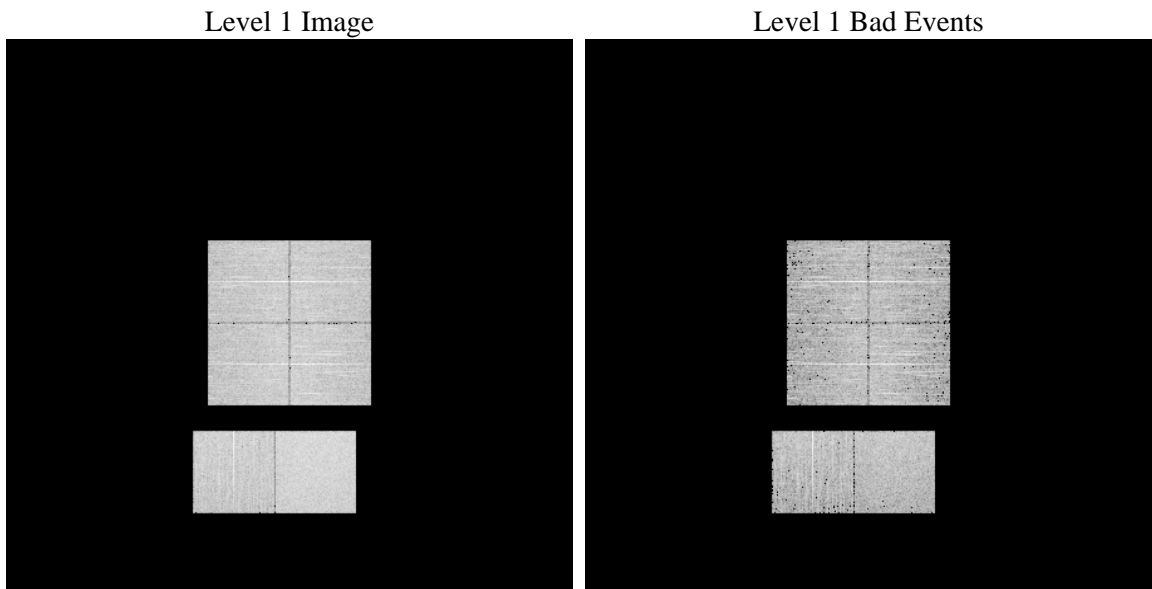
1 Front

seq_num	 	Sequence number
obs_id	55028	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	92.977172415453	Nominal RA [deg]
dec_nom	30.02094953331	Nominal Dec [deg]
roll_nom	100.55677543844	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5647.9149494767	Sum of GTIs [s]
livetime	5576.3976496204	Livetime [s]
ontime0	5647.95598948	Sum of GTIs [s]
ontime1	5647.9970294833	Sum of GTIs [s]
ontime2	5647.9999790192	Sum of GTIs [s]
ontime3	5644.632879436	Sum of GTIs [s]
ontime6	5647.9999790192	Sum of GTIs [s]
ontime7	5647.9149494767	Sum of GTIs [s]
l2events	192427	Number of level 2 events

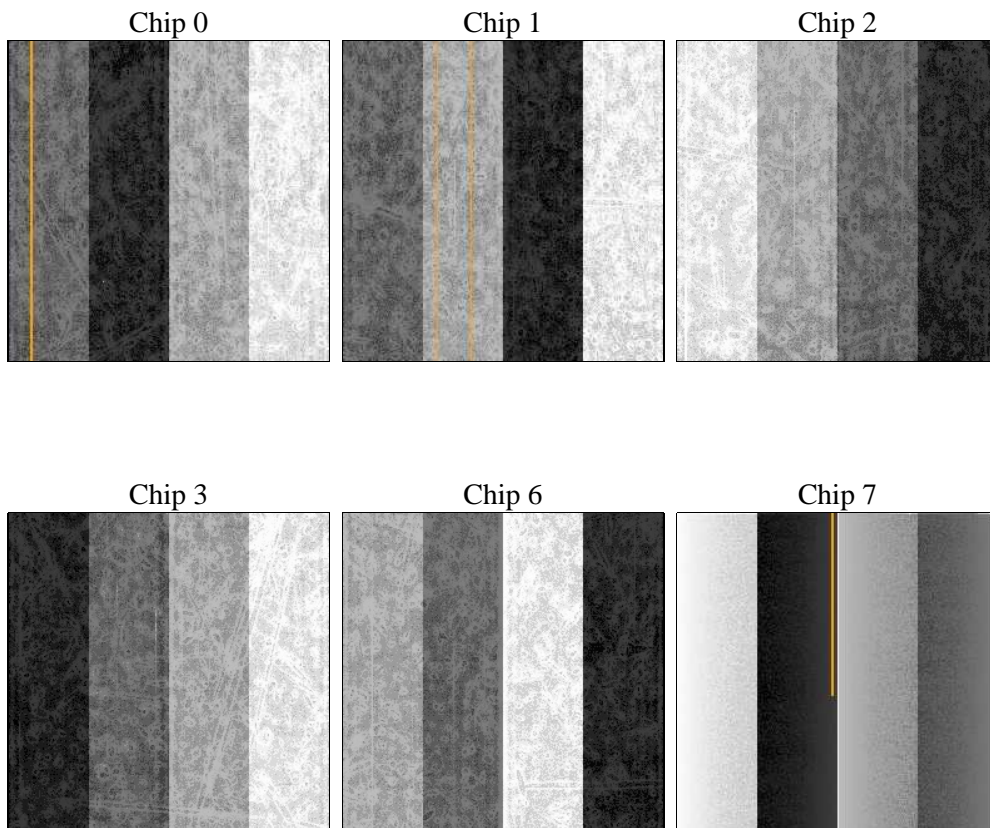
2 OBI

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	8.4.3	Processing system revision	ontime	5647.9149494767	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	5647.95598948	Sum of GTIs [s]
date	2012-02-27T13:30:54	Date and time of file creation	ontime1	5647.9970294833	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	5647.9999790192	Sum of GTIs [s]
			ontime3	5644.632879436	Sum of GTIs [s]
			ontime6	5647.9999790192	Sum of GTIs [s]
			ontime7	5647.9149494767	Sum of GTIs [s]
			l1events	426946	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	66249	66097	65312	68900	70736	89652	grade 0 events	15760	15154	16445	16209	16137	8154
rejected events	35803	35584	34840	38399	38834	39719		23%	22%	25%	23%	22%	9%
rejected %	54%	53%	53%	55%	54%	44%	grade 1 events	103	67	118	96	73	68
								0%	0%	0%	0%	0%	0%
							grade 2 events	5853	6319	5421	5317	6112	10927
								8%	9%	8%	7%	8%	12%
							grade 3 events	2163	1957	2112	2146	2091	4338
								3%	2%	3%	3%	2%	4%
							grade 4 events	2028	2046	2077	2155	2083	4342
								3%	3%	3%	3%	2%	4%
							grade 5 events	2242	2210	2231	2425	2314	6048
								3%	3%	3%	3%	3%	6%
							grade 6 events	4642	5037	4417	4674	5479	22172
								7%	7%	6%	6%	7%	24%
							grade 7 events	33458	33307	32491	35878	36447	33603
								50%	50%	49%	52%	51%	37%

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	92.97717241545257	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	30.02094953331008	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	100.5567754384414	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	438688231.908554	438688230.88357			
Observation start date	2011-11-26T09:50:32	2011-11-26T09:50:30			
[s] Observation end time (MET)	438695767.708951	438695766.68396			
Observation end date	2011-11-26T11:56:08	2011-11-26T11:56:06			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.6479149494767

A.2 Comments