

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58534 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 20 2012

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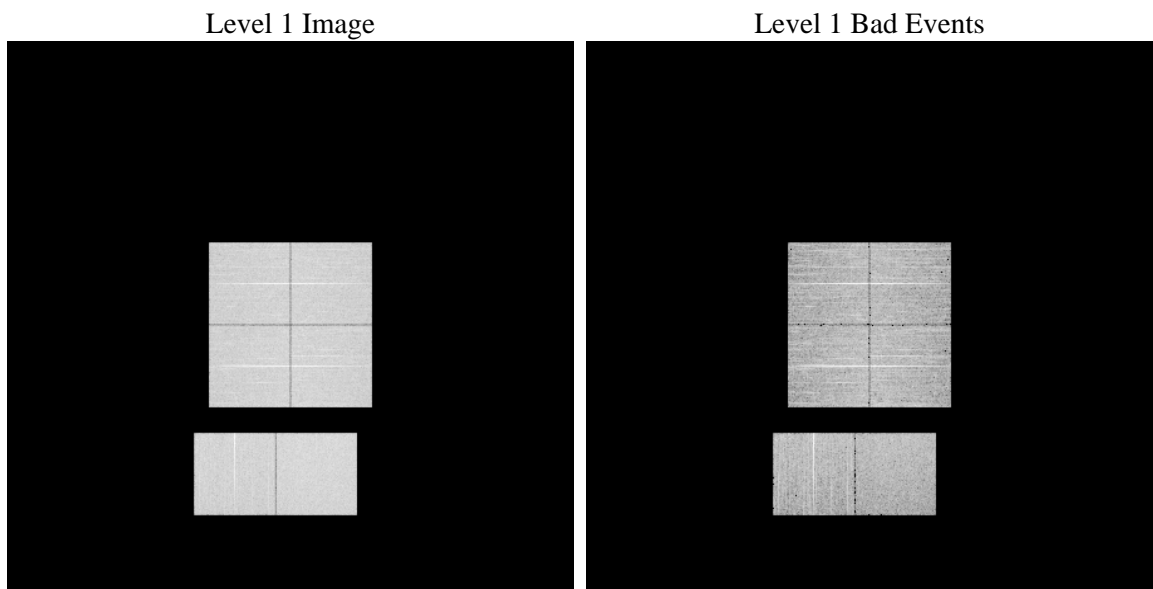
1 Front

seq_num	 	Sequence number
obs_id	58534	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	132.01254470411	Nominal RA [deg]
dec_nom	-16.003786116225	Nominal Dec [deg]
roll_nom	335.88486050676	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6716.0158059001	Sum of GTIs [s]
livetime	6630.9735698666	Livetime [s]
ontime0	6715.9747658968	Sum of GTIs [s]
ontime1	6715.9337258935	Sum of GTIs [s]
ontime2	6715.8926858902	Sum of GTIs [s]
ontime3	6716.0568459034	Sum of GTIs [s]
ontime6	6715.8516458869	Sum of GTIs [s]
ontime7	6716.0158059001	Sum of GTIs [s]
l2events	658821	Number of level 2 events

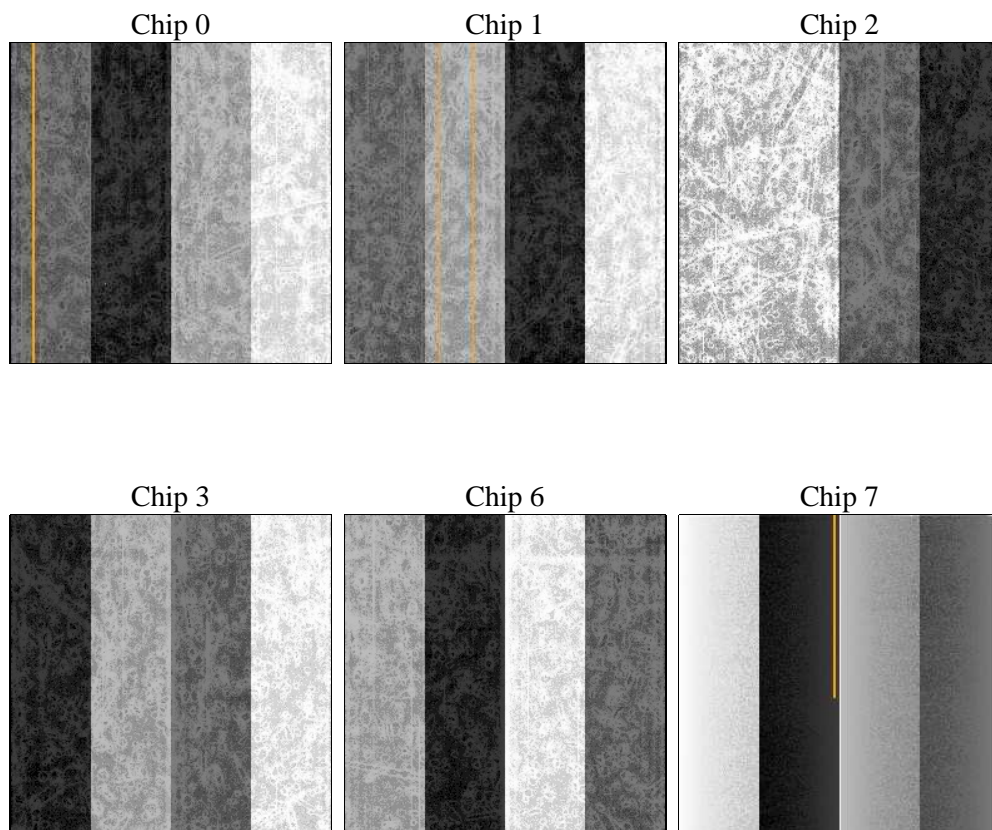
2 OBI

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	6716.0158059001	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	6715.9747658968	Sum of GTIs [s]
date	2012-04-20T03:39:50	Date and time of file creation	ontime1	6715.9337258935	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	6715.8926858902	Sum of GTIs [s]
			ontime3	6716.0568459034	Sum of GTIs [s]
			ontime6	6715.8516458869	Sum of GTIs [s]
			ontime7	6716.0158059001	Sum of GTIs [s]
			l1events	1033371	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	164062	164632	169621	172167	174198	188691	grade 0 events	59248	58591	60667	61283	61162	30363
rejected events	54290	54753	59652	60741	58994	50832		36%	35%	35%	35%	35%	16%
rejected %	33%	33%	35%	35%	33%	26%	grade 1 events	422	344	476	441	351	148
								0%	0%	0%	0%	0%	0%
							grade 2 events	19393	20057	18704	19231	20185	29987
								11%	12%	11%	11%	11%	15%
							grade 3 events	7337	7164	7303	7461	7292	13199
								4%	4%	4%	4%	4%	6%
							grade 4 events	7266	7110	7358	7603	7373	13191
								4%	4%	4%	4%	4%	6%
							grade 5 events	3189	3325	3080	3537	3504	8677
								1%	2%	1%	2%	2%	4%
							grade 6 events	16562	17025	15993	15891	19244	51197
								10%	10%	9%	9%	11%	27%
							grade 7 events	50645	51016	56040	56720	55087	41929
								30%	30%	33%	32%	31%	22%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	132.0125447041057
[deg] Pointing Dec	0	-16.00378611622516
[deg] Pointing Roll	0.0	335.8848605067597
[mm] SIM focus pos	-0.782348	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	287625353.377135	287625352.35213
Observation start date	2007-02-11T23:55:53	2007-02-11T23:55:52
[s] Observation end time (MET)	287634186.827555	287634185.80255
Observation end date	2007-02-12T02:23:07	2007-02-12T02:23:05
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)	2012.04.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.7160158059001

A.2 Comments