

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58549 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 19 2012

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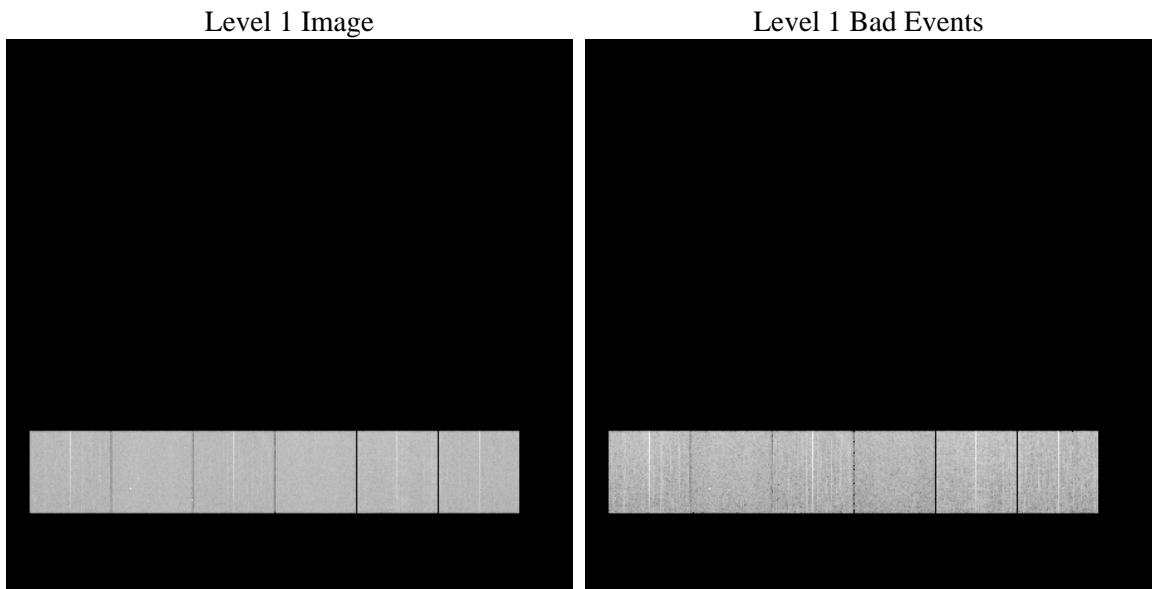
1 Front

seq_num	 	Sequence number
obs_id	58549	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	121.02902004001	Nominal RA [deg]
dec_nom	-8.9974897493131	Nominal Dec [deg]
roll_nom	332.03270011604	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8217.5999694467	Sum of GTIs [s]
livetime	8113.5437705889	Livetime [s]
ontime4	8217.5999694467	Sum of GTIs [s]
ontime5	8217.5999694467	Sum of GTIs [s]
ontime6	8217.5999694467	Sum of GTIs [s]
ontime7	8217.5999694467	Sum of GTIs [s]
ontime8	8217.5999694467	Sum of GTIs [s]
ontime9	8217.5999694467	Sum of GTIs [s]
l2events	794125	Number of level 2 events

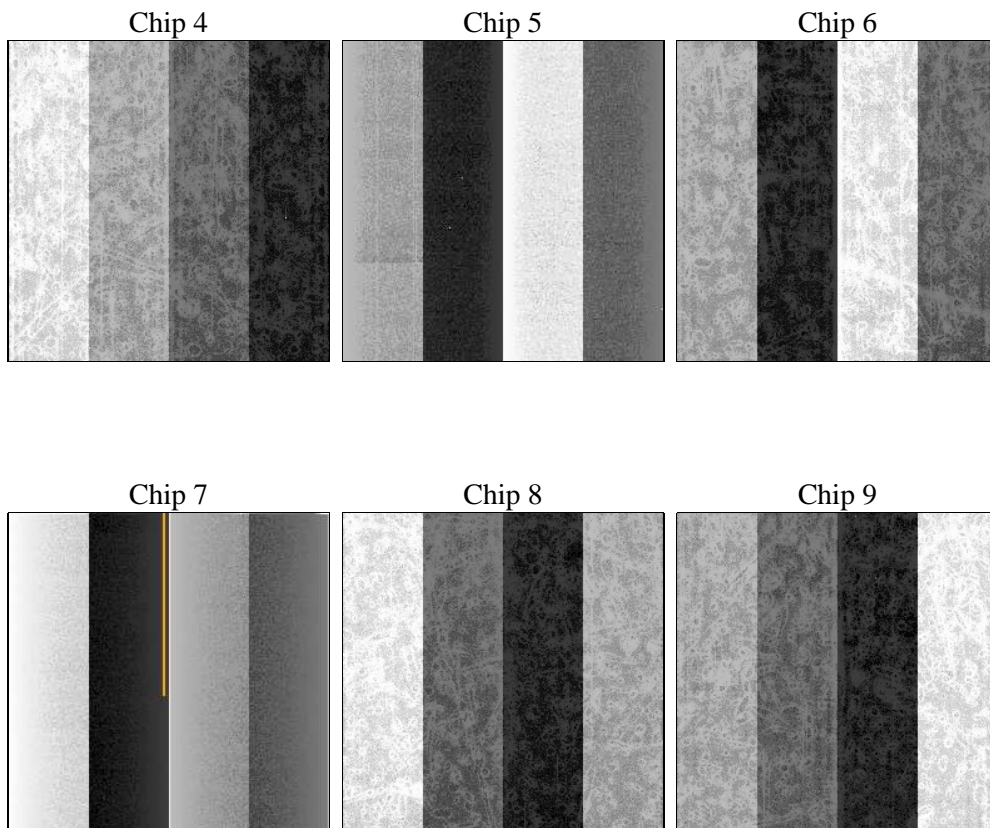
2 OBI

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	8217.5999694467	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8217.5999694467	Sum of GTIs [s]
date	2012-04-19T14:38:48	Date and time of file creation	ontime5	8217.5999694467	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8217.5999694467	Sum of GTIs [s]
			ontime7	8217.5999694467	Sum of GTIs [s]
			ontime8	8217.5999694467	Sum of GTIs [s]
			ontime9	8217.5999694467	Sum of GTIs [s]
			l1events	1277439	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	201952	216854	207906	221570	226279	202878	grade 0 events	73052	25821	73206	34962	77343	72301
rejected events	76385	65997	72561	60649	79957	71748		36%	11%	35%	15%	34%	35%
rejected %	37%	30%	34%	27%	35%	35%	grade 1 events	678	188	391	159	517	496
								0%	0%	0%	0%	0%	0%
							grade 2 events	19809	56342	23818	35533	26376	22150
								9%	25%	11%	16%	11%	10%
							grade 3 events	8744	7900	8576	15480	10111	8670
								4%	3%	4%	6%	4%	4%
							grade 4 events	8677	7566	8619	15319	10144	8562
								4%	3%	4%	6%	4%	4%
							grade 5 events	3872	9183	4094	9917	5194	4534
								1%	4%	1%	4%	2%	2%
							grade 6 events	16214	54251	22137	60739	23337	20399
								8%	25%	10%	27%	10%	10%
							grade 7 events	70906	55603	67065	49461	73257	65766
								35%	25%	32%	22%	32%	32%

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	121.0290200400139
[deg] Pointing Dec	0	-8.997489749313056
[deg] Pointing Roll	0.0	332.0327001160401
[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)	286752530.985668	286752529.9607
Observation start date	2007-02-01T21:28:51	2007-02-01T21:28:49
[s] Observation end time (MET)	286773842.786677	286773841.76171
Observation end date	2007-02-02T03:24:03	2007-02-02T03:24:01
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	8.2175999694467

A.2 Comments