

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57579 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 21 2012

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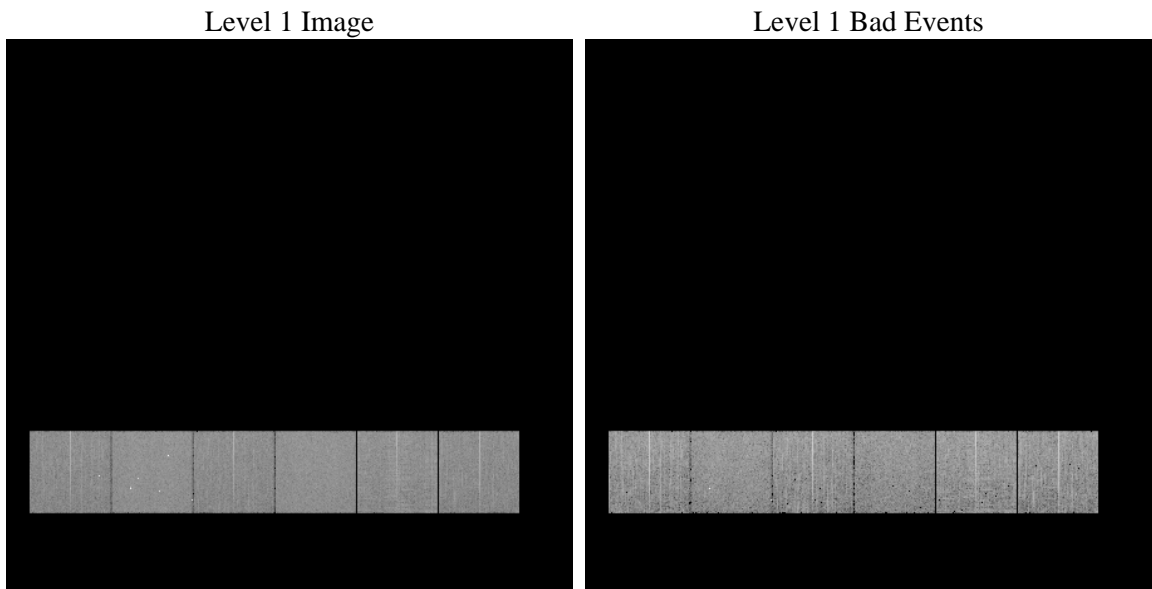
1 Front

seq_num	 	Sequence number
obs_id	57579	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	37.402271192688	Nominal RA [deg]
dec_nom	14.004835820159	Nominal Dec [deg]
roll_nom	107.35020055223	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4895.9999818206	Sum of GTIs [s]
livetime	4834.0038820335	Livetime [s]
ontime4	4895.9999818206	Sum of GTIs [s]
ontime5	4895.9999818206	Sum of GTIs [s]
ontime6	4895.9999818206	Sum of GTIs [s]
ontime7	4895.9999818206	Sum of GTIs [s]
ontime8	4895.9999818206	Sum of GTIs [s]
ontime9	4895.9999818206	Sum of GTIs [s]
l2events	345917	Number of level 2 events

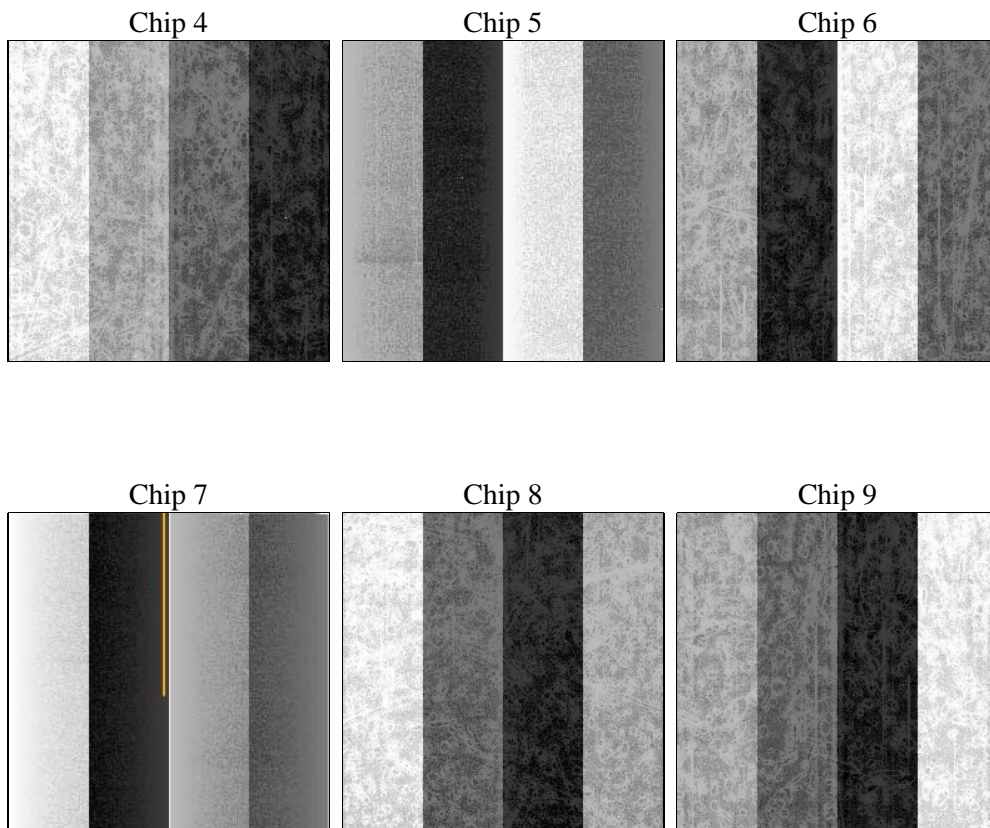
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	900	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	4895.9999818206	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	4895.9999818206	Sum of GTIs [s]
date	2012-05-22T00:33:25	Date and time of file creation	ontime5	4895.9999818206	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	4895.9999818206	Sum of GTIs [s]
			ontime7	4895.9999818206	Sum of GTIs [s]
			ontime8	4895.9999818206	Sum of GTIs [s]
			ontime9	4895.9999818206	Sum of GTIs [s]
			l1events	661842	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	102674	122307	102401	117177	115285	101998	grade 0 events	30848	13533	29488	14674	32369	29096
rejected events	49530	45334	46856	41813	51779	48126		30%	11%	28%	12%	28%	28%
rejected %	48%	37%	45%	35%	44%	47%	grade 1 events	320	247	195	108	250	212
								0%	0%	0%	0%	0%	0%
							grade 2 events	8509	27664	10154	16470	11835	9504
								8%	22%	9%	14%	10%	9%
							grade 3 events	3833	3569	3576	7126	4730	3685
								3%	2%	3%	6%	4%	3%
							grade 4 events	3623	3494	3722	7022	4538	3664
								3%	2%	3%	5%	3%	3%
							grade 5 events	2554	6167	2668	6752	3449	3005
								2%	5%	2%	5%	2%	2%
							grade 6 events	6970	29623	9262	30975	10790	8548
								6%	24%	9%	26%	9%	8%
							grade 7 events	46017	38010	43336	34050	47324	44284
								44%	31%	42%	29%	41%	43%

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	37.40227119268823	37.40227119268778
[deg] Pointing Dec	14.00483582016071	14.00483582015937
[deg] Pointing Roll	107.3502005522275	107.3502005522271
[mm] SIM focus pos	-0.78090834371673	-0.78090834371673
[mm] SIM defocus	0.7524282194390134	0.7524282194390134
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	339081275.574222	339081275.574222
Observation start date	2008-09-29T13:22:00	2008-09-29T13:14:35
[s] Observation end time (MET)	339087061.238307	339087061.238307
Observation end date	2008-09-29T13:37:00	2008-09-29T14:51:01
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
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)	2012.05.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.8959999818206

A.2 Comments