

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 60017 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 9 2012

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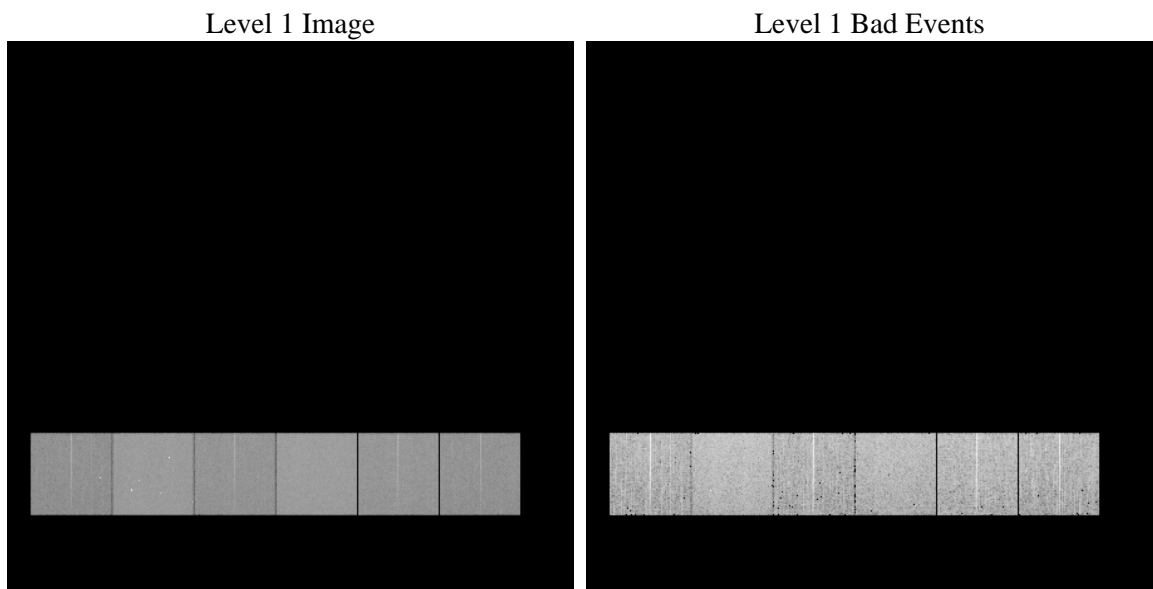
1 Front

seq_num	 	Sequence number
obs_id	60017	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	21.023868828344	Nominal RA [deg]
dec_nom	-33.977280886978	Nominal Dec [deg]
roll_nom	14.740279054175	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7797.8681882918	Sum of GTIs [s]
livetime	7699.1268859791	Livetime [s]
ontime4	5305.5525251627	Sum of GTIs [s]
ontime5	7797.8681882918	Sum of GTIs [s]
ontime6	5837.0749734938	Sum of GTIs [s]
ontime7	7797.8681882918	Sum of GTIs [s]
ontime8	5960.1701198518	Sum of GTIs [s]
ontime9	5606.9644990861	Sum of GTIs [s]
l2events	1052208	Number of level 2 events

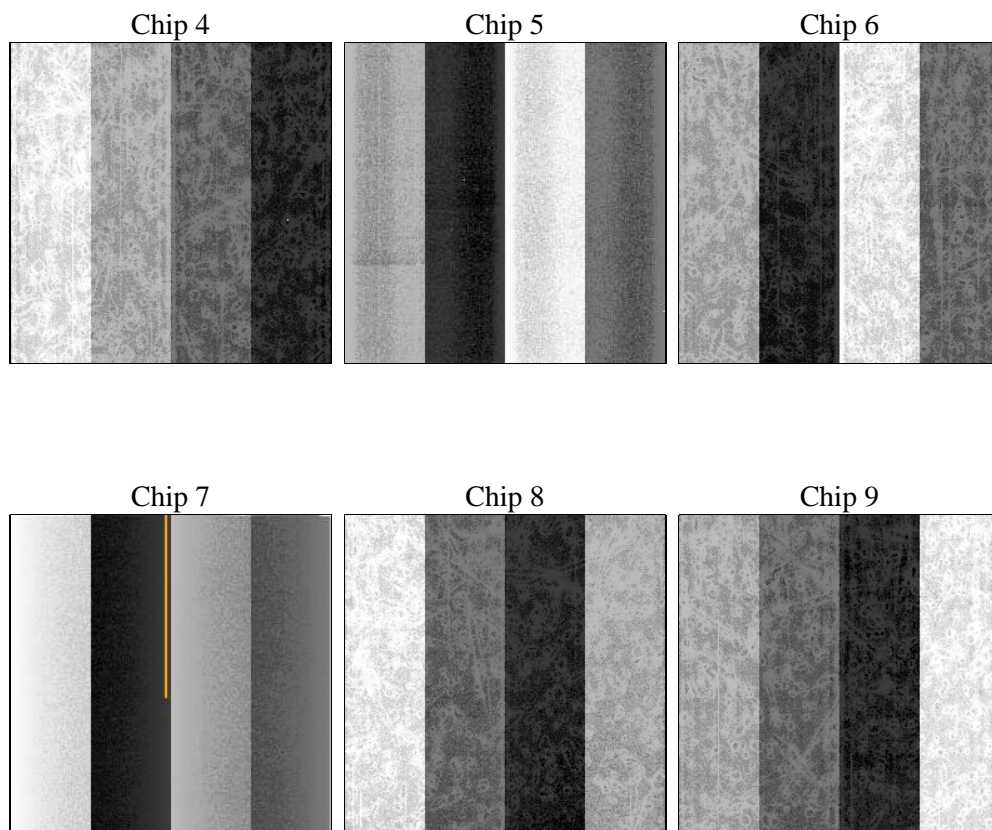
2 OBI

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	8.5	Processing system revision	ontime	7797.8681882918	Sum of GTIs [s]
caldsver	4.5.4	 	ontime4	5305.5525251627	Sum of GTIs [s]
date	2012-12-09T22:32:18	Date and time of file creation	ontime5	7797.8681882918	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5837.0749734938	Sum of GTIs [s]
			ontime7	7797.8681882918	Sum of GTIs [s]
			ontime8	5960.1701198518	Sum of GTIs [s]
			ontime9	5606.9644990861	Sum of GTIs [s]
			l1events	1411832	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	190180	278533	215510	292681	231797	203131	grade 0 events	83996	51642	92789	58503	97532	86541
rejected events	45485	56781	44214	49495	51968	45841		44%	18%	43%	19%	42%	42%
rejected %	23%	20%	20%	16%	22%	22%	grade 1 events	666	370	489	182	566	562
								0%	0%	0%	0%	0%	0%
							grade 2 events	23030	77396	29927	53575	31711	27026
								12%	27%	13%	18%	13%	13%
							grade 3 events	9607	13364	10753	24438	11707	10258
								5%	4%	4%	8%	5%	5%
							grade 4 events	9429	13179	10583	24264	11557	10072
								4%	4%	4%	8%	4%	4%
							grade 5 events	2554	8928	2912	8736	3585	3047
								1%	3%	1%	2%	1%	1%
							grade 6 events	18633	66171	27244	82406	27322	23393
								9%	23%	12%	28%	11%	11%
							grade 7 events	42265	47483	40813	40577	47817	42232
								22%	17%	18%	13%	20%	20%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	21.02386882834403	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-33.97728088697793	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	14.74027905417492			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	213375725.498136	213375724.47314			
Observation start date	2004-10-05T15:02:05	2004-10-05T15:02:04			
[s] Observation end time (MET)	213426706.950413	213426705.92542			
Observation end date	2004-10-06T05:11:47	2004-10-06T05:11:45			
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)	2013.01.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7978681882918

A.2 Comments