

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58364 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 26 2012

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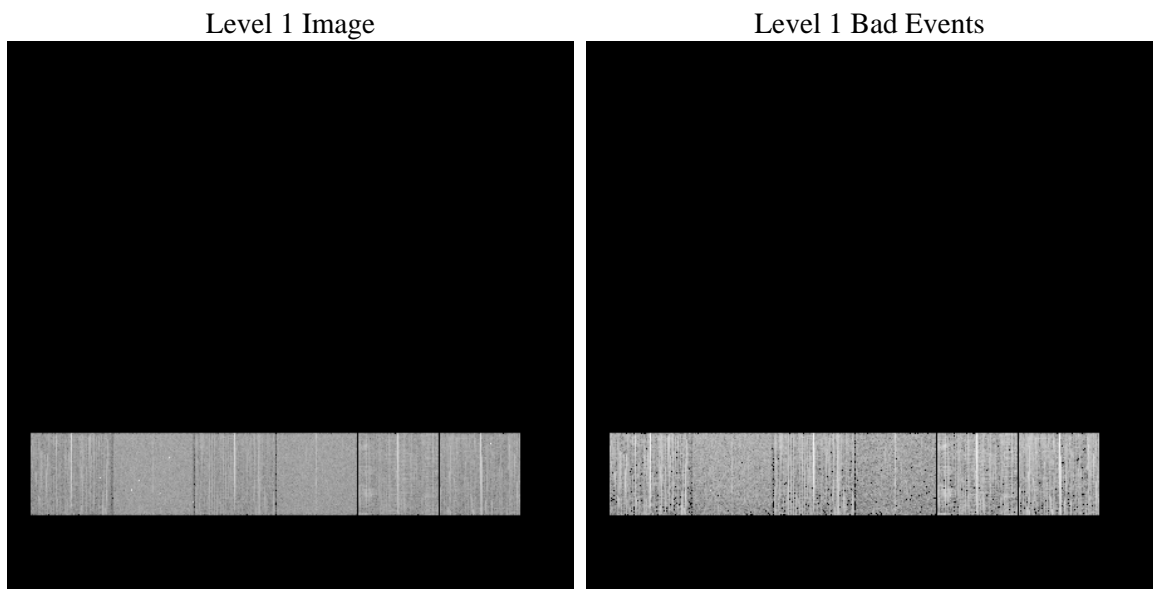
1 Front

seq_num	 	Sequence number
obs_id	58364	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	286.99408845089	Nominal RA [deg]
dec_nom	-37.971663018412	Nominal Dec [deg]
roll_nom	66.369109970124	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2792.591970861	Sum of GTIs [s]
livetime	2757.2304898289	Livetime [s]
ontime4	2164.9967930317	Sum of GTIs [s]
ontime5	2792.5509308577	Sum of GTIs [s]
ontime6	2323.8041782975	Sum of GTIs [s]
ontime7	2792.591970861	Sum of GTIs [s]
ontime8	2395.1053557992	Sum of GTIs [s]
ontime9	2200.6471076012	Sum of GTIs [s]
l2events	231559	Number of level 2 events

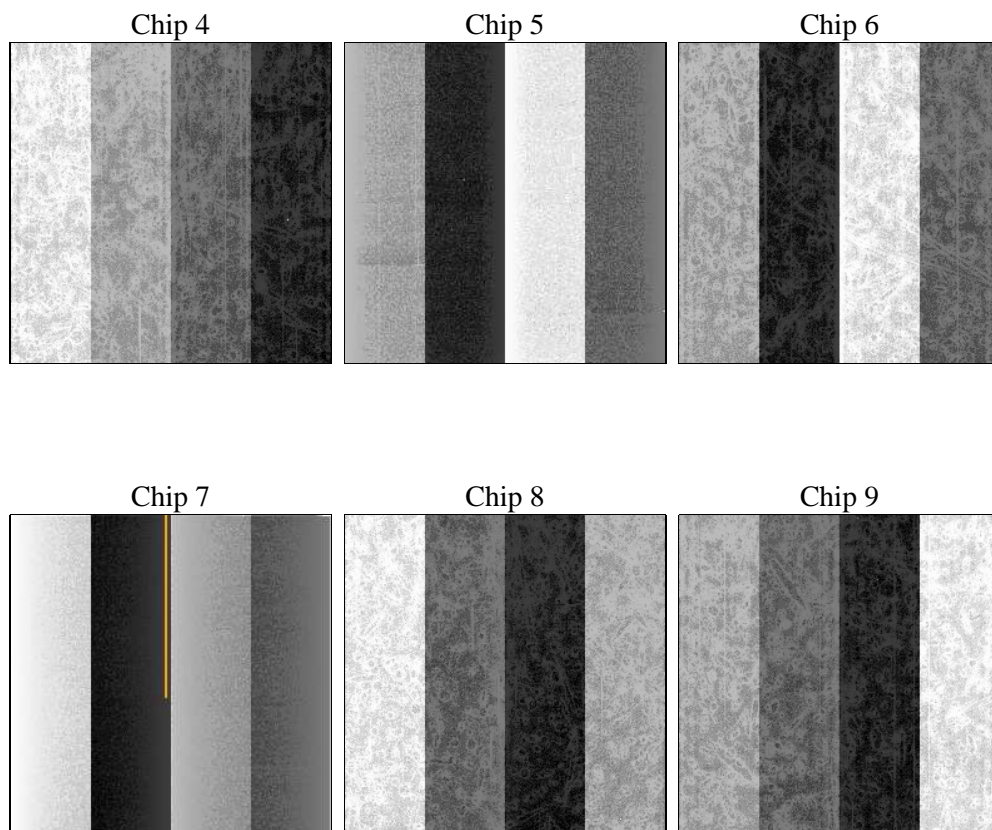
2 OBI

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	2792.591970861	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	2164.9967930317	Sum of GTIs [s]
date	2012-04-26T11:51:24	Date and time of file creation	ontime5	2792.5509308577	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	2323.8041782975	Sum of GTIs [s]
			ontime7	2792.591970861	Sum of GTIs [s]
			ontime8	2395.1053557992	Sum of GTIs [s]
			ontime9	2200.6471076012	Sum of GTIs [s]
			l1events	520721	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	82055	87450	85884	84760	92801	87771	grade 0 events	17664	9260	19135	11198	20820	18068
rejected events	50588	34838	49791	29723	52185	54422		21%	10%	22%	13%	22%	20%
rejected %	61%	39%	57%	35%	56%	62%	grade 1 events	182	110	113	55	113	150
								0%	0%	0%	0%	0%	0%
							grade 2 events	5503	19601	6639	13389	7315	5857
								6%	22%	7%	15%	7%	6%
							grade 3 events	2172	2672	2299	5119	2880	2161
								2%	3%	2%	6%	3%	2%
							grade 4 events	2056	2681	2300	5135	2888	2092
								2%	3%	2%	6%	3%	2%
							grade 5 events	1101	3394	1242	3697	1557	1253
								1%	3%	1%	4%	1%	1%
							grade 6 events	4072	18398	5720	20196	6713	5171
								4%	21%	6%	23%	7%	5%
							grade 7 events	49305	31334	48436	25971	50515	53019
								60%	35%	56%	30%	54%	60%

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	286.9940884508941	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-37.97166301841202	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	66.36910997012443			
[mm] SIM focus pos	-0.684267	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	297911489.217371	297911488.19235			
Observation start date	2007-06-11T01:11:29	2007-06-11T01:11:28			
[s] Observation end time (MET)	297925273.418031	297925272.39301			
Observation end date	2007-06-11T05:01:13	2007-06-11T05:01:12			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.04.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.792591970861

A.2 Comments