

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 58854 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Mar 7 2013

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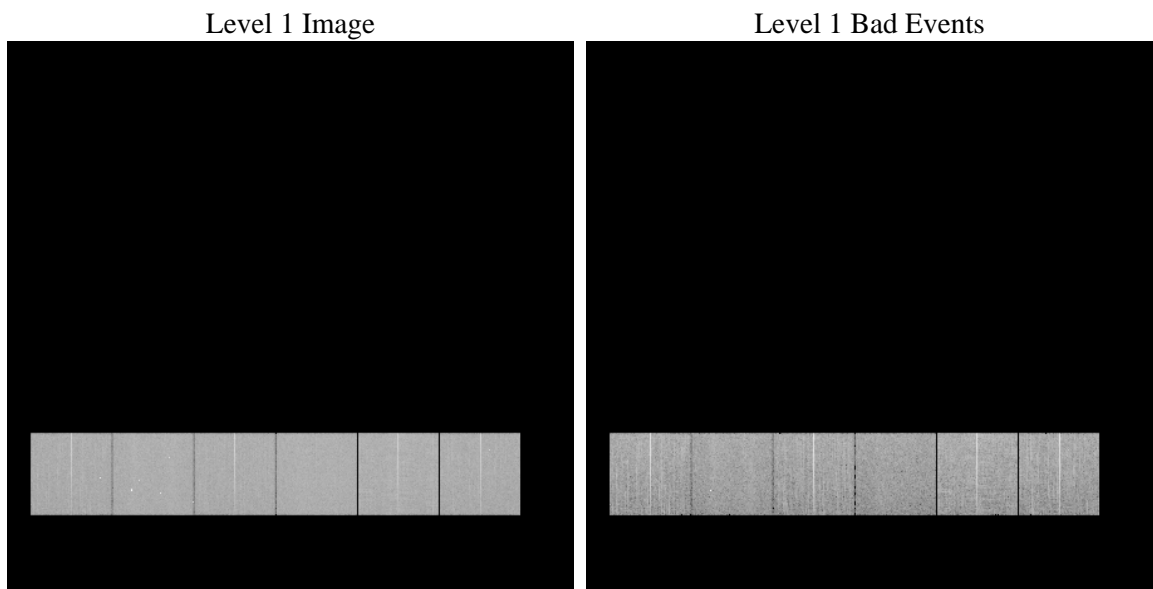
1 Front

seq_num	 	Sequence number
obs_id	58854	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	345.97924237701	Nominal RA [deg]
dec_nom	-13.979684386961	Nominal Dec [deg]
roll_nom	101.90284911772	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8271.999969244	Sum of GTIs [s]
livetime	8167.254924833	Livetime [s]
ontime4	8271.999969244	Sum of GTIs [s]
ontime5	8271.999969244	Sum of GTIs [s]
ontime6	8271.999969244	Sum of GTIs [s]
ontime7	8271.999969244	Sum of GTIs [s]
ontime8	8271.999969244	Sum of GTIs [s]
ontime9	8271.999969244	Sum of GTIs [s]
l2events	884928	Number of level 2 events

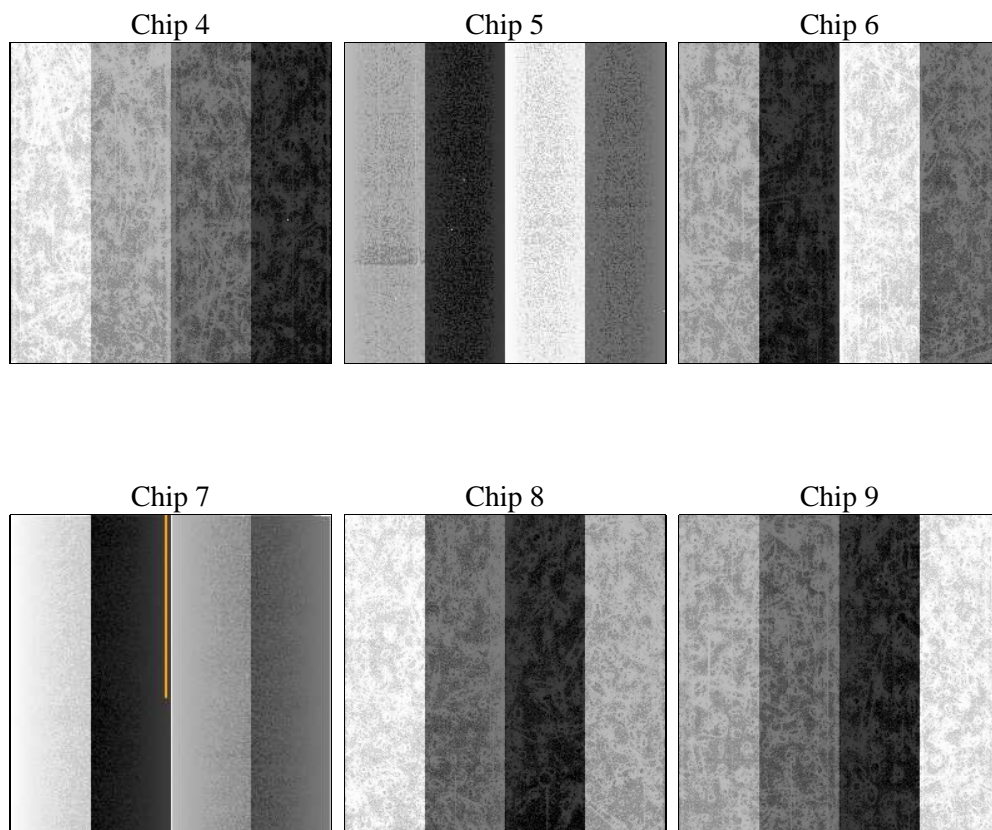
2 OBI

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	8.5.1.1	Processing system revision	ontime	8271.999969244	Sum of GTIs [s]
caldsver	4.5.6	 	ontime4	8271.999969244	Sum of GTIs [s]
date	2013-03-07T04:58:48	Date and time of file creation	ontime5	8271.999969244	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	8271.999969244	Sum of GTIs [s]
			ontime7	8271.999969244	Sum of GTIs [s]
			ontime8	8271.999969244	Sum of GTIs [s]
			ontime9	8271.999969244	Sum of GTIs [s]
			l1events	1389636	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	220256	235031	227017	239488	244552	223292	grade 0 events	83284	26152	80586	38386	86548	81724
rejected events	79322	68637	75307	61060	81887	75994		37%	11%	35%	16%	35%	36%
rejected %	36%	29%	33%	25%	33%	34%	grade 1 events	819	235	426	174	539	506
								0%	0%	0%	0%	0%	0%
							grade 2 events	20550	65200	27601	39317	28928	24322
								9%	27%	12%	16%	11%	10%
							grade 3 events	9670	7798	9235	16961	10740	9488
								4%	3%	4%	7%	4%	4%
							grade 4 events	9651	7037	9460	17117	10660	9621
								4%	2%	4%	7%	4%	4%
							grade 5 events	3931	9199	4177	9819	5238	4554
								1%	3%	1%	4%	2%	2%
							grade 6 events	17779	60207	24828	66647	25789	22143
								8%	25%	10%	27%	10%	9%
							grade 7 events	74572	59203	70704	51067	76110	70934
								33%	25%	31%	21%	31%	31%

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	345.9792423770095	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-13.97968438696086	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	101.9028491177241			
[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)	270762347.781327	270762346.75632			
Observation start date	2006-07-31T19:45:48	2006-07-31T19:45:46			
[s] Observation end time (MET)	270783657.532327	270783656.50732			
Observation end date	2006-08-01T01:40:58	2006-08-01T01:40:56			
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)	2013.03.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.271999969244

A.2 Comments