

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 59816 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 17 2012

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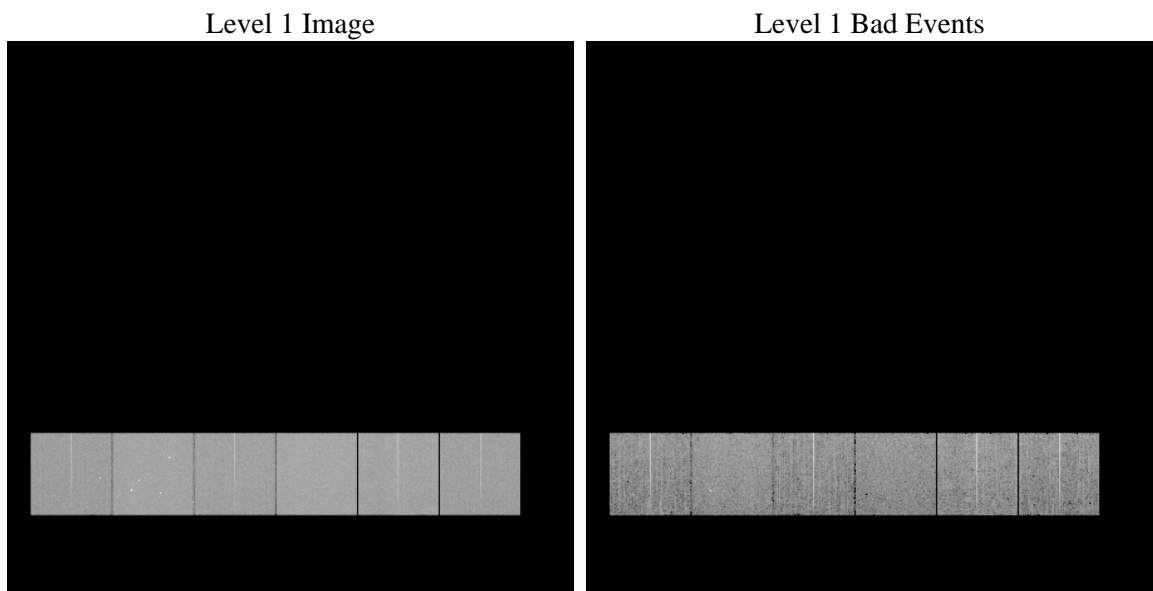
1 Front

seq_num	 	Sequence number
obs_id	59816	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	123.9850420351	Nominal RA [deg]
dec_nom	36.474628242311	Nominal Dec [deg]
roll_nom	215.12277945726	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7782.3999710083	Sum of GTIs [s]
livetime	7683.8545365767	Livetime [s]
ontime4	6014.5392641723	Sum of GTIs [s]
ontime5	7782.3999710083	Sum of GTIs [s]
ontime6	6578.4298533797	Sum of GTIs [s]
ontime7	7782.3999710083	Sum of GTIs [s]
ontime8	6748.5261960328	Sum of GTIs [s]
ontime9	6314.2336005569	Sum of GTIs [s]
l2events	1036867	Number of level 2 events

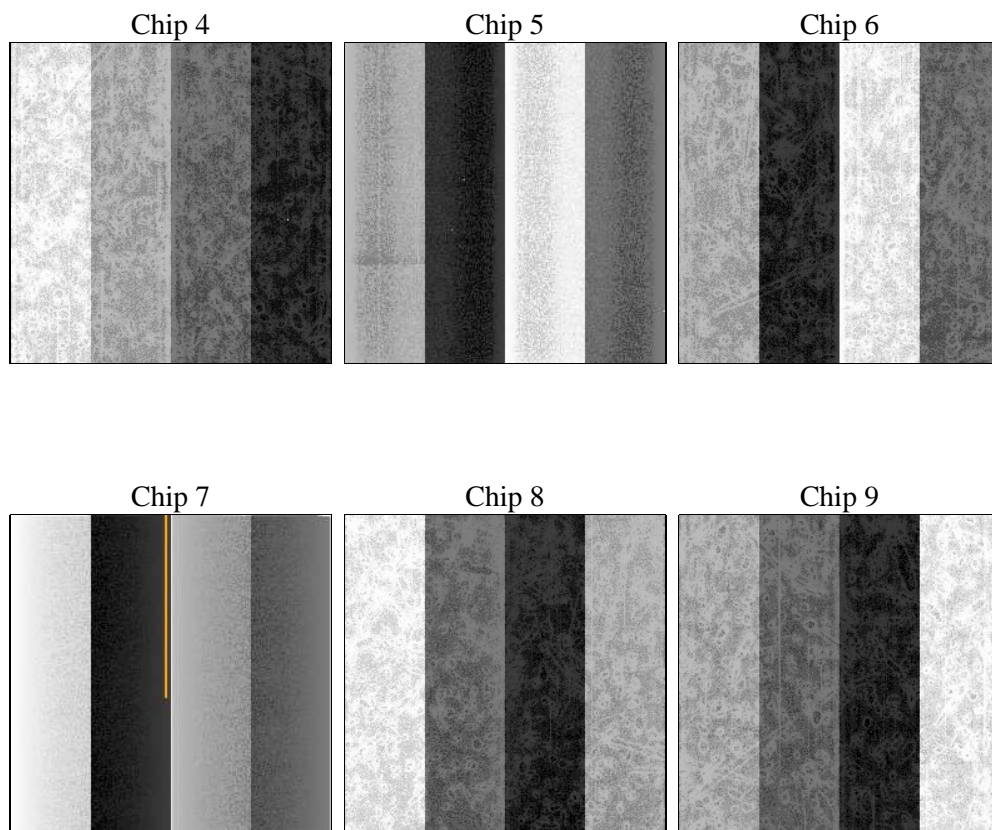
2 OBI

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	Processing system revision	ontime	7782.3999710083	Sum of GTIs [s]
caldsver	4.5.5	 	ontime4	6014.5392641723	Sum of GTIs [s]
date	2012-12-17T07:16:57	Date and time of file creation	ontime5	7782.3999710083	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	6578.4298533797	Sum of GTIs [s]
			ontime7	7782.3999710083	Sum of GTIs [s]
			ontime8	6748.5261960328	Sum of GTIs [s]
			ontime9	6314.2336005569	Sum of GTIs [s]
			l1events	1405230	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	198298	256753	225284	269253	244259	211383	grade 0 events	88795	42071	96239	52876	101981	90177
rejected events	46972	54344	48391	46906	56180	47647		44%	16%	42%	19%	41%	42%
rejected %	23%	21%	21%	17%	23%	22%	grade 1 events	649	206	476	173	534	513
								0%	0%	0%	0%	0%	0%
							grade 2 events	23075	75631	30819	48973	32867	27806
								11%	29%	13%	18%	13%	13%
							grade 3 events	10158	10869	10908	22009	12375	10510
								5%	4%	4%	8%	5%	4%
							grade 4 events	10119	10494	11152	21658	12416	10543
								5%	4%	4%	8%	5%	4%
							grade 5 events	2750	8235	3141	8305	3855	3140
								1%	3%	1%	3%	1%	1%
							grade 6 events	19179	63422	27775	76831	28521	24700
								9%	24%	12%	28%	11%	11%
							grade 7 events	43573	45825	44774	38428	51710	43994
								21%	17%	19%	14%	21%	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	123.9850420350952	Alternating exposures requested	N	N
[deg] Pointing Dec	0	36.47462824231114	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	215.1227794572606			
[mm] SIM focus pos	-0.684267	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-190.132523	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	223885506.070628	223885505.04562			
Observation start date	2005-02-04T06:25:06	2005-02-04T06:25:05			
[s] Observation end time (MET)	223896824.12114	223896823.09613			
Observation end date	2005-02-04T09:33:44	2005-02-04T09:33:43			
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)	2013.01.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7823999710083

A.2 Comments