

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 61094 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Jan 2 2013

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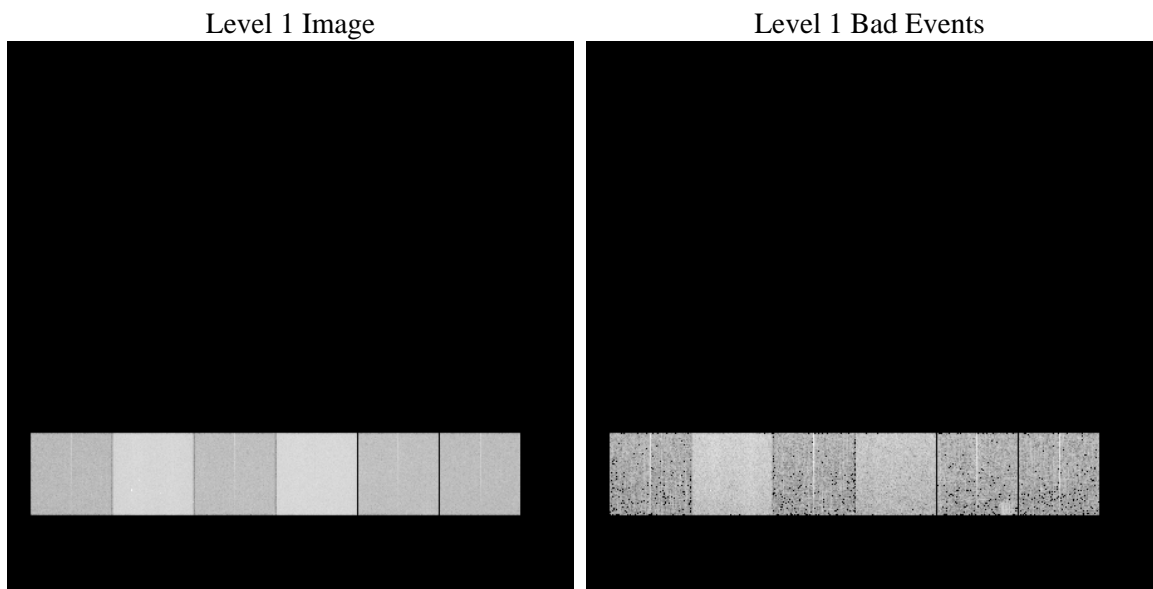
1 Front

seq_num	 	Sequence number
obs_id	61094	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	283.13140050871	Nominal RA [deg]
dec_nom	-37.514064948752	Nominal Dec [deg]
roll_nom	297.75091999526	Nominal Roll [deg]
revision	4	Processing version of data
ontime	8188.5588358343	Sum of GTIs [s]
livetime	8084.8703732968	Livetime [s]
ontime4	2964.3306557834	Sum of GTIs [s]
ontime5	8460.7999684811	Sum of GTIs [s]
ontime6	3278.470600456	Sum of GTIs [s]
ontime7	8188.5588358343	Sum of GTIs [s]
ontime8	3362.7379890084	Sum of GTIs [s]
ontime9	3135.8660764694	Sum of GTIs [s]
l2events	1309942	Number of level 2 events

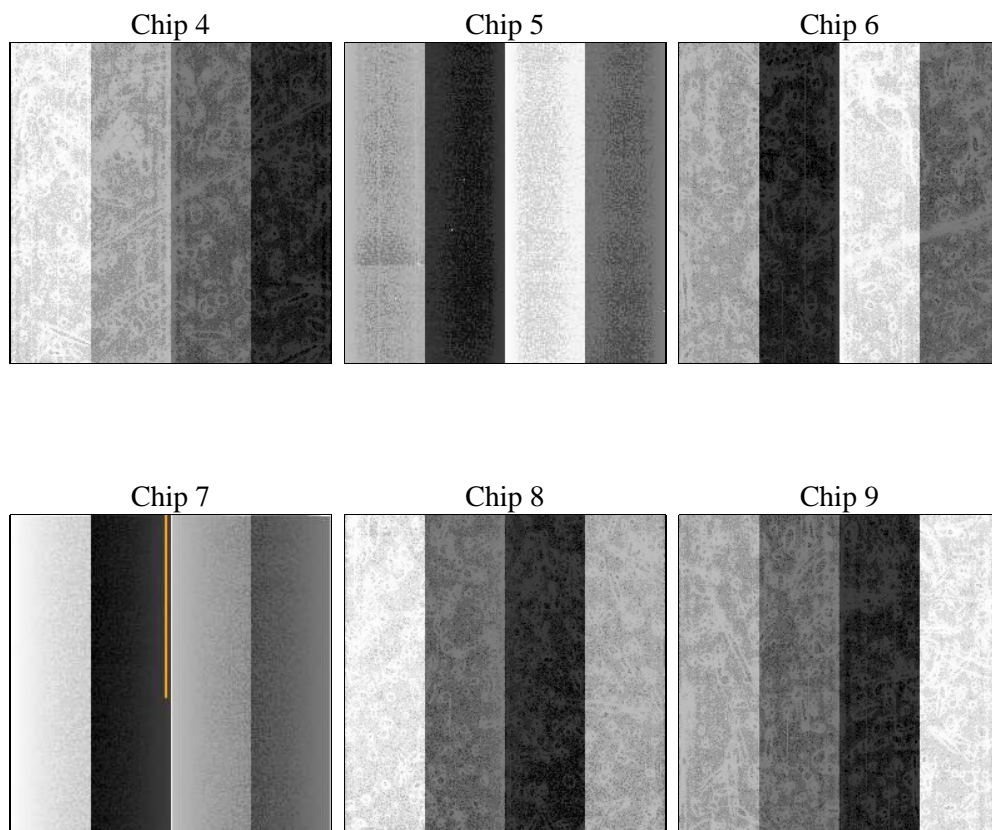
2 OBI

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	8188.5588358343	Sum of GTIs [s]
caldsver	4.5.5	 	ontime4	2964.3306557834	Sum of GTIs [s]
date	2013-01-03T03:04:56	Date and time of file creation	ontime5	8460.7999684811	Sum of GTIs [s]
revision	4	Processing version of data	ontime6	3278.470600456	Sum of GTIs [s]
			ontime7	8188.5588358343	Sum of GTIs [s]
			ontime8	3362.7379890084	Sum of GTIs [s]
			ontime9	3135.8660764694	Sum of GTIs [s]
			l1events	1557074	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	155031	415446	183364	442144	191415	169674	grade 0 events	79829	66370	87133	99145	93400	82952
rejected events	21817	59893	22762	40779	24377	22292		51%	15%	47%	22%	48%	48%
rejected %	14%	14%	12%	9%	12%	13%	grade 1 events	543	215	378	249	406	390
								0%	0%	0%	0%	0%	0%
							grade 2 events	18976	146614	28757	89642	28355	23982
								12%	35%	15%	20%	14%	14%
							grade 3 events	8899	17593	9408	39865	10446	9391
								5%	4%	5%	9%	5%	5%
							grade 4 events	8823	17014	9523	39505	10575	9117
								5%	4%	5%	8%	5%	5%
							grade 5 events	1337	9987	1624	8104	1818	1580
								0%	2%	0%	1%	0%	0%
							grade 6 events	16687	107962	25781	133208	24262	21940
								10%	25%	14%	30%	12%	12%
							grade 7 events	19937	49691	20760	32426	22153	20322
								12%	11%	11%	7%	11%	11%

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	283.1314005087142	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-37.51406494875192	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	297.7509199952632			
[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)	144867943.107	144867942.08218			
Observation start date	2002-08-04T17:05:43	2002-08-04T17:05:42			
[s] Observation end time (MET)	144891747.708	144891746.68316			
Observation end date	2002-08-04T23:42:28	2002-08-04T23:42:26			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.01.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1885588358343

A.2 Comments