

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56938 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 10 2012

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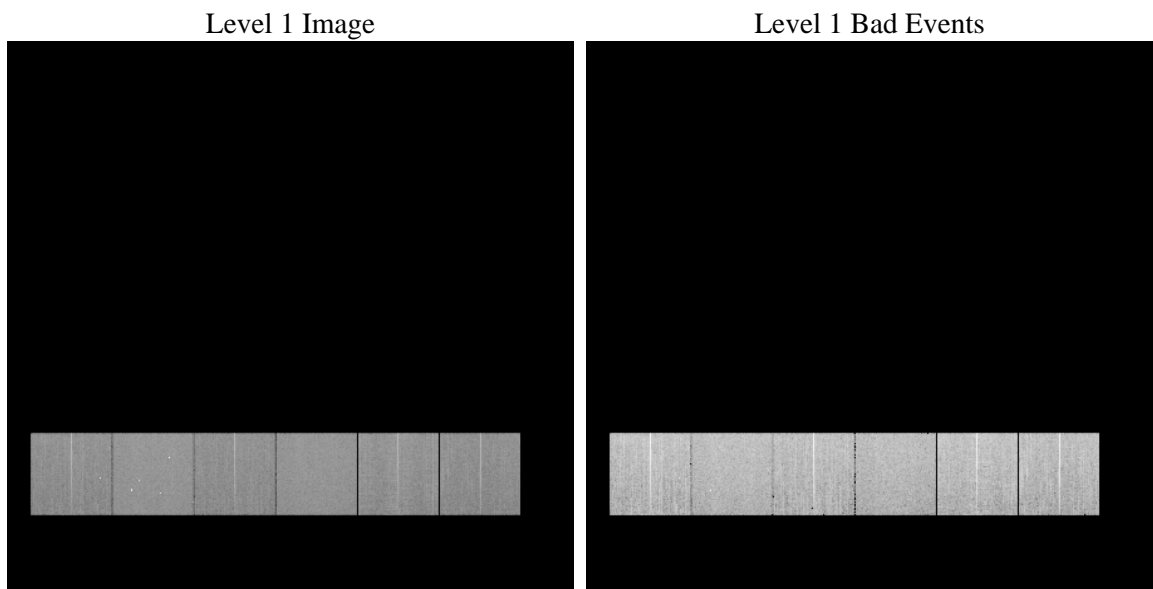
1 Front

seq_num	 	Sequence number
obs_id	56938	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	161.12685076259	Nominal RA [deg]
dec_nom	76.996069492149	Nominal Dec [deg]
roll_nom	319.32862331704	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8185.5999695659	Sum of GTIs [s]
livetime	8081.9489739747	Livetime [s]
ontime4	8185.5999695659	Sum of GTIs [s]
ontime5	8185.5999695659	Sum of GTIs [s]
ontime6	8182.3589991927	Sum of GTIs [s]
ontime7	8185.5999695659	Sum of GTIs [s]
ontime8	8185.5999695659	Sum of GTIs [s]
ontime9	8185.5999695659	Sum of GTIs [s]
l2events	505461	Number of level 2 events

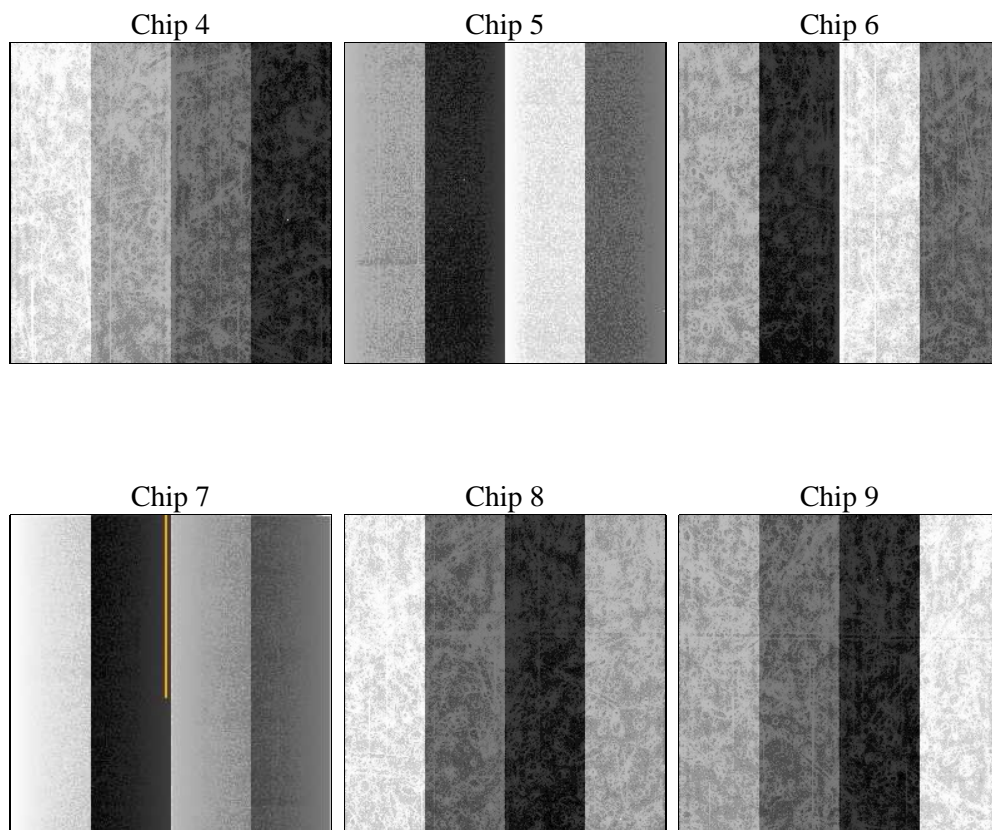
2 OBI

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	8.4.5	Processing system revision	ontime	8185.5999695659	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	8185.5999695659	Sum of GTIs [s]
date	2012-06-11T00:47:35	Date and time of file creation	ontime5	8185.5999695659	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8182.3589991927	Sum of GTIs [s]
			ontime7	8185.5999695659	Sum of GTIs [s]
			ontime8	8185.5999695659	Sum of GTIs [s]
			ontime9	8185.5999695659	Sum of GTIs [s]
			l1events	1040516	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	162090	196092	159174	186592	181502	155066	grade 0 events	43246	20338	41395	22015	45694	40574
rejected events	87266	77030	81030	71353	88076	79560		26%	10%	26%	11%	25%	26%
rejected %	53%	39%	50%	38%	48%	51%	grade 1 events	410	420	272	150	324	340
								0%	0%	0%	0%	0%	0%
							grade 2 events	12065	41503	14199	25474	17843	13473
								7%	21%	8%	13%	9%	8%
							grade 3 events	5289	5438	5142	10686	7027	5114
								3%	2%	3%	5%	3%	3%
							grade 4 events	5234	5430	5171	10687	7007	5117
								3%	2%	3%	5%	3%	3%
							grade 5 events	4435	10131	4608	11828	6008	4976
								2%	5%	2%	6%	3%	3%
							grade 6 events	9808	47635	13108	47575	16789	12037
								6%	24%	8%	25%	9%	7%
							grade 7 events	81603	65197	75279	58177	80810	73435
								50%	33%	47%	31%	44%	47%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	161.1268507625939
[deg] Pointing Dec	0	76.99606949214868
[deg] Pointing Roll	0.0	319.328623317041
[mm] SIM focus pos	-0.78090834371673	-0.78090834371673
[mm] SIM defocus	0.7524282194390134	0.7524282194390134
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	364854141.303241	364854141.303241
Observation start date	2009-07-24T20:22:21	2009-07-24T20:22:21
[s] Observation end time (MET)	364863689.681329	364863689.681329
Observation end date	2009-07-24T23:01:30	2009-07-24T23:01:29
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1855999695659

A.2 Comments