

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58212 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 1 2012

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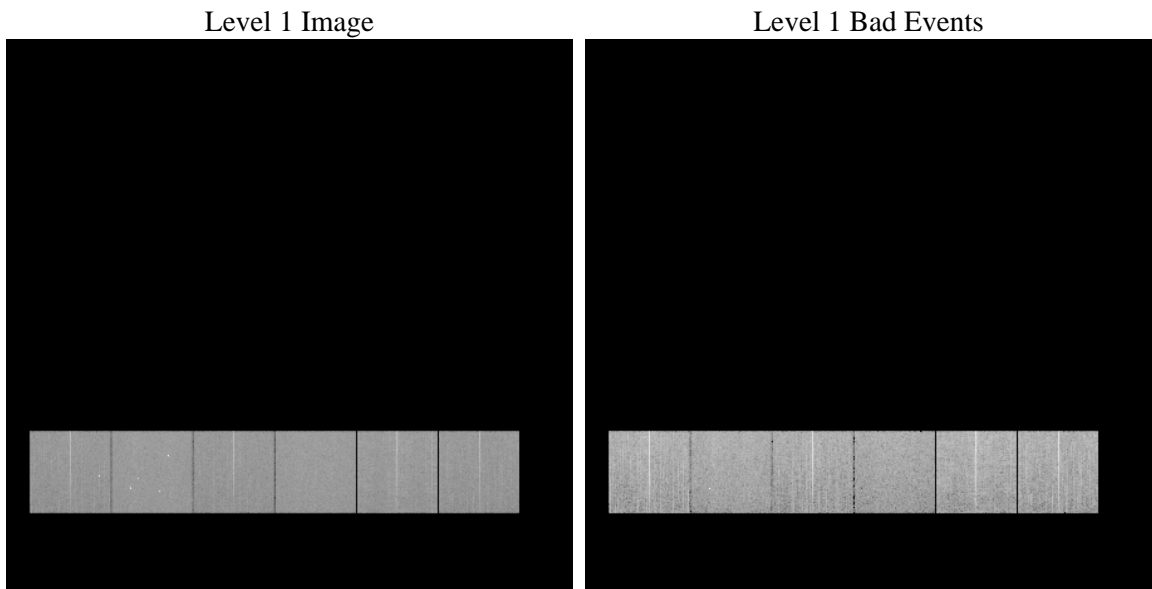
1 Front

seq_num	 	Sequence number
obs_id	58212	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	22.977885573142	Nominal RA [deg]
dec_nom	5.019140361878	Nominal Dec [deg]
roll_nom	104.80707576021	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7791.3807851076	Sum of GTIs [s]
livetime	7692.7216302003	Livetime [s]
ontime4	7791.3141458035	Sum of GTIs [s]
ontime5	7791.3807851076	Sum of GTIs [s]
ontime6	7791.3551858068	Sum of GTIs [s]
ontime7	7791.3807851076	Sum of GTIs [s]
ontime8	7788.0321155787	Sum of GTIs [s]
ontime9	7791.3807851076	Sum of GTIs [s]
l2events	679584	Number of level 2 events

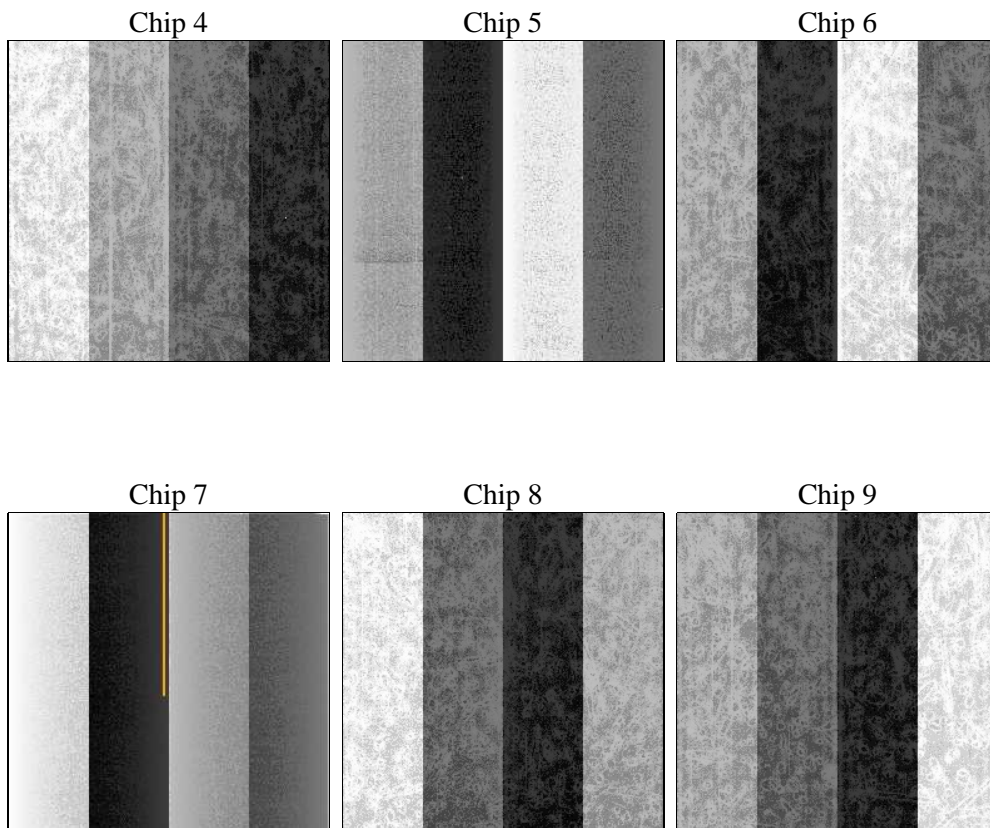
2 OBI

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	7791.3807851076	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7791.3141458035	Sum of GTIs [s]
date	2012-05-01T07:08:52	Date and time of file creation	ontime5	7791.3807851076	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7791.3551858068	Sum of GTIs [s]
			ontime7	7791.3807851076	Sum of GTIs [s]
			ontime8	7788.0321155787	Sum of GTIs [s]
			ontime9	7791.3807851076	Sum of GTIs [s]
			l1events	1175253	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	185512	207393	184942	204786	206531	186089	grade 0 events	61302	25538	60206	29870	64400	59072
rejected events	79234	68240	72155	62124	81447	77388		33%	12%	32%	14%	31%	31%
rejected %	42%	32%	39%	30%	39%	41%	grade 1 events	597	196	391	154	461	495
								0%	0%	0%	0%	0%	0%
							grade 2 events	16979	49260	19836	31246	22767	18753
								9%	23%	10%	15%	11%	10%
							grade 3 events	7113	7185	7202	14211	8805	7038
								3%	3%	3%	6%	4%	3%
							grade 4 events	7258	6682	7238	13551	8607	7084
								3%	3%	3%	6%	4%	3%
							grade 5 events	3976	9826	4269	10504	5364	4743
								2%	4%	2%	5%	2%	2%
							grade 6 events	13626	50488	18305	53784	20505	16754
								7%	24%	9%	26%	9%	9%
							grade 7 events	74661	58218	67495	51466	75622	72150
								40%	28%	36%	25%	36%	38%

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	22.97788557314232
[deg] Pointing Dec	0	5.019140361878039
[deg] Pointing Roll	0.0	104.8070757602102
[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)	306131149.111587	306131148.08659
Observation start date	2007-09-14T04:25:49	2007-09-14T04:25:48
[s] Observation end time (MET)	306149517.112471	306149516.08747
Observation end date	2007-09-14T09:31:57	2007-09-14T09:31:56
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.05.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7913807851076

A.2 Comments