

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58308 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 28 2012

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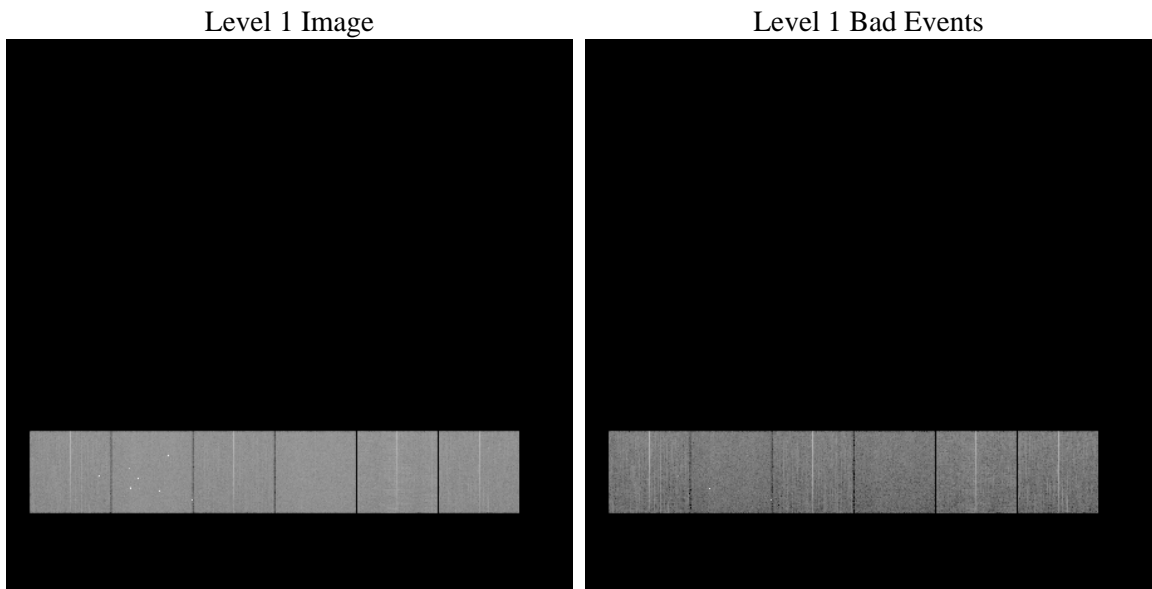
1 Front

seq_num	 	Sequence number
obs_id	58308	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	291.98106680894	Nominal RA [deg]
dec_nom	6.4782904117746	Nominal Dec [deg]
roll_nom	196.16554370301	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8204.7999694943	Sum of GTIs [s]
livetime	8100.9058519432	Livetime [s]
ontime4	8204.7999694943	Sum of GTIs [s]
ontime5	8204.7999694943	Sum of GTIs [s]
ontime6	8204.7999694943	Sum of GTIs [s]
ontime7	8204.7999694943	Sum of GTIs [s]
ontime8	8204.7999694943	Sum of GTIs [s]
ontime9	8204.7999694943	Sum of GTIs [s]
l2events	727039	Number of level 2 events

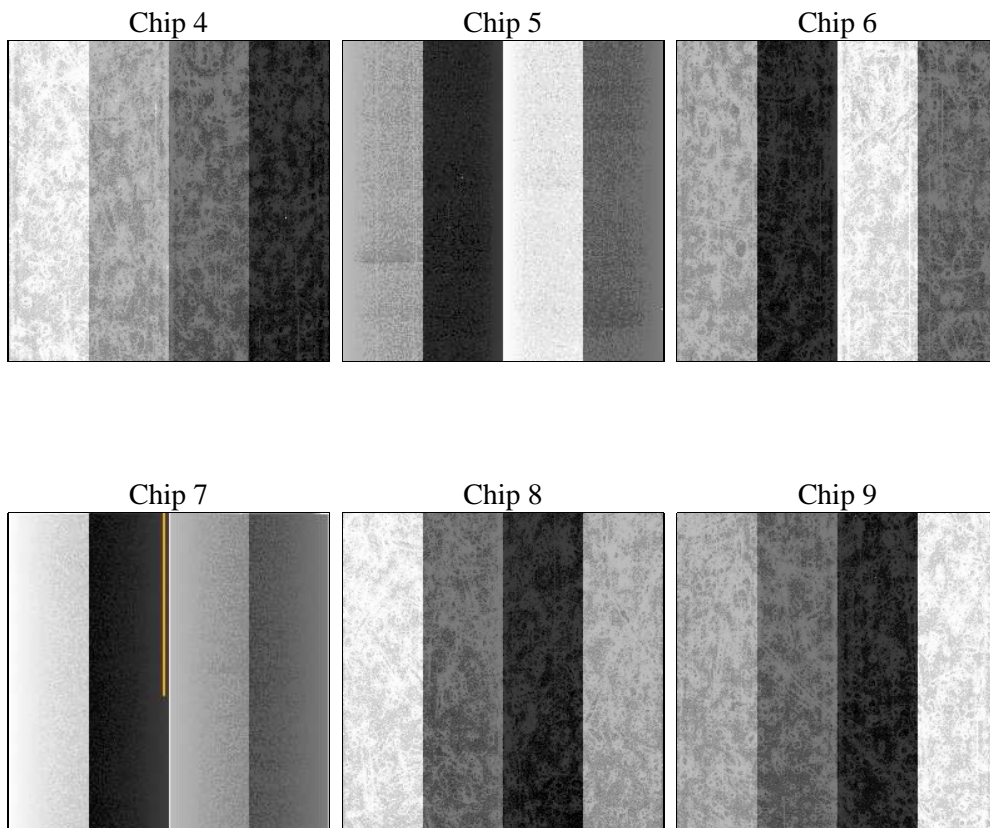
2 OBI

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	8204.7999694943	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8204.7999694943	Sum of GTIs [s]
date	2012-04-28T14:24:59	Date and time of file creation	ontime5	8204.7999694943	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8204.7999694943	Sum of GTIs [s]
			ontime7	8204.7999694943	Sum of GTIs [s]
			ontime8	8204.7999694943	Sum of GTIs [s]
			ontime9	8204.7999694943	Sum of GTIs [s]
			l1events	1258216	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	199709	226888	201444	216586	216851	196738	grade 0 events	67760	30005	65405	31880	69584	64632
rejected events	84307	74667	79919	65289	83139	78594		33%	13%	32%	14%	32%	32%
rejected %	42%	32%	39%	30%	38%	39%	grade 1 events	692	224	395	153	432	469
								0%	0%	0%	0%	0%	0%
							grade 2 events	17848	53836	21573	33106	24429	20514
								8%	23%	10%	15%	11%	10%
							grade 3 events	7848	7207	7831	14513	9285	7972
								3%	3%	3%	6%	4%	4%
							grade 4 events	7811	6695	7694	14329	9202	7765
								3%	2%	3%	6%	4%	3%
							grade 5 events	4105	10133	4207	10443	5616	4776
								2%	4%	2%	4%	2%	2%
							grade 6 events	15070	55734	20074	58745	22350	18197
								7%	24%	9%	27%	10%	9%
							grade 7 events	78575	63054	74265	53417	75953	72413
								39%	27%	36%	24%	35%	36%

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	291.981066808944
[deg] Pointing Dec	0	6.478290411774599
[deg] Pointing Roll	0.0	196.1655437030057
[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)	301376932.383233	301376931.35823
Observation start date	2007-07-21T03:48:52	2007-07-21T03:48:51
[s] Observation end time (MET)	301398252.384255	301398251.35926
Observation end date	2007-07-21T09:44:12	2007-07-21T09:44:11
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2047999694943

A.2 Comments