

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58362 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 26 2012

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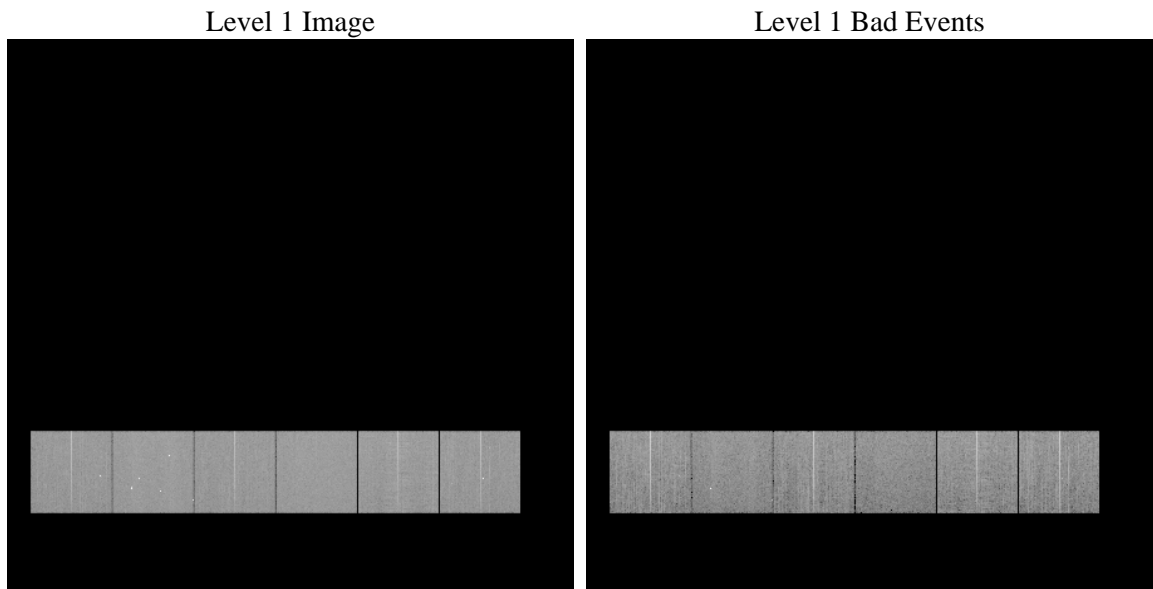
1 Front

seq_num	 	Sequence number
obs_id	58362	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	228.7137275333	Nominal RA [deg]
dec_nom	-22.725789060142	Nominal Dec [deg]
roll_nom	263.24742256249	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8169.5999696255	Sum of GTIs [s]
livetime	8066.1515756676	Livetime [s]
ontime4	8169.5999696255	Sum of GTIs [s]
ontime5	8169.5999696255	Sum of GTIs [s]
ontime6	8166.3589892983	Sum of GTIs [s]
ontime7	8169.5999696255	Sum of GTIs [s]
ontime8	8169.5999696255	Sum of GTIs [s]
ontime9	8169.5999696255	Sum of GTIs [s]
l2events	733587	Number of level 2 events

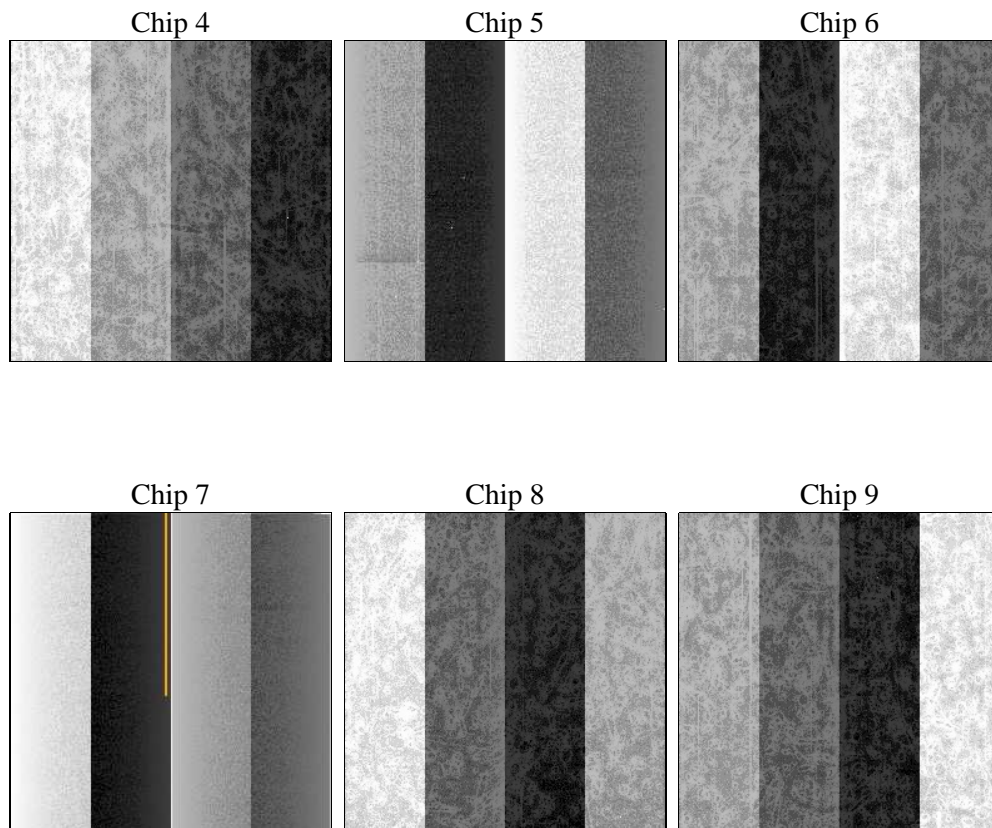
2 OBI

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	8169.5999696255	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8169.5999696255	Sum of GTIs [s]
date	2012-04-26T11:57:34	Date and time of file creation	ontime5	8169.5999696255	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8166.3589892983	Sum of GTIs [s]
			ontime7	8169.5999696255	Sum of GTIs [s]
			ontime8	8169.5999696255	Sum of GTIs [s]
			ontime9	8169.5999696255	Sum of GTIs [s]
			l1events	1278733	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	201396	225642	205544	221324	220781	204046	grade 0 events	68658	25433	65537	31613	70568	67761
rejected events	86337	75874	82634	68343	85816	83483		34%	11%	31%	14%	31%	33%
rejected %	42%	33%	40%	30%	38%	40%	grade 1 events	665	294	381	158	468	503
								0%	0%	0%	0%	0%	0%
							grade 2 events	16923	57392	22946	34587	24489	20102
								8%	25%	11%	15%	11%	9%
							grade 3 events	8050	6370	7511	14179	9452	7902
								3%	2%	3%	6%	4%	3%
							grade 4 events	7912	6047	7648	14410	9266	7798
								3%	2%	3%	6%	4%	3%
							grade 5 events	4092	9204	4361	10592	5444	4539
								2%	4%	2%	4%	2%	2%
							grade 6 events	14929	56488	20835	60051	22936	18559
								7%	25%	10%	27%	10%	9%
							grade 7 events	80167	64414	76325	55734	78158	76882
								39%	28%	37%	25%	35%	37%

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	228.7137275332993
[deg] Pointing Dec	0	-22.72578906014227
[deg] Pointing Roll	0.0	263.2474225624881
[mm] SIM focus pos	-0.684267	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	297956488.769526	297956487.7445
Observation start date	2007-06-11T13:41:29	2007-06-11T13:41:27
[s] Observation end time (MET)	297969284.870139	297969283.84511
Observation end date	2007-06-11T17:14:45	2007-06-11T17:14:43
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)	2012.04.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1695999696255

A.2 Comments