

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59503 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 27 2012

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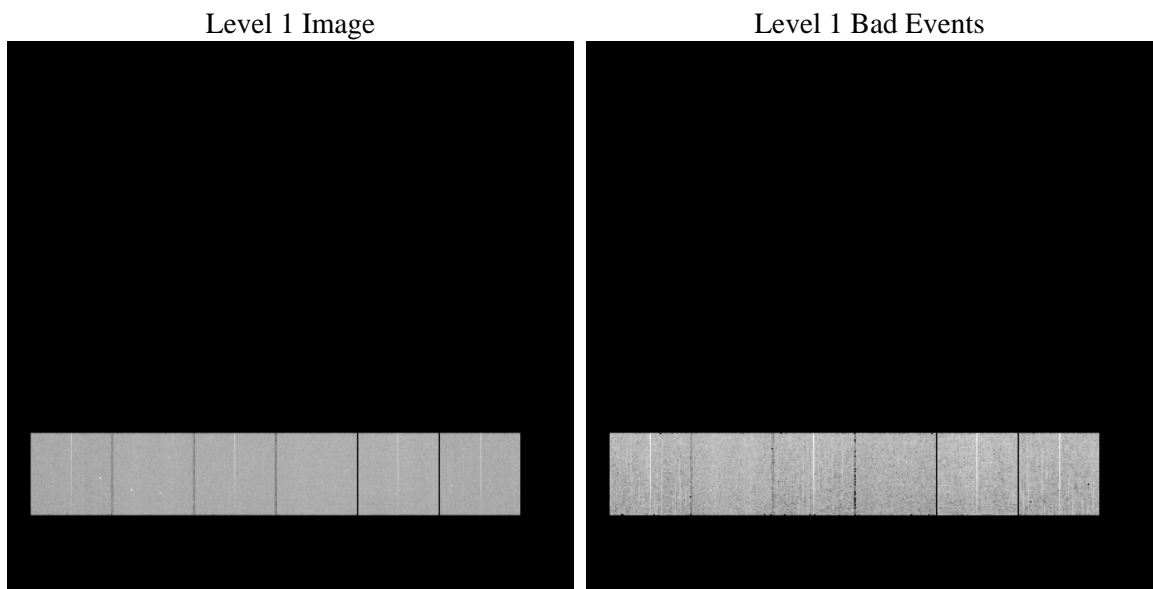
1 Front

seq_num	 	Sequence number
obs_id	59503	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	359.97618622619	Nominal RA [deg]
dec_nom	0.01585045580923	Nominal Dec [deg]
roll_nom	113.51665697103	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8274.0393542349	Sum of GTIs [s]
livetime	8169.2684859032	Livetime [s]
ontime4	7480.2540508509	Sum of GTIs [s]
ontime5	8273.9983142316	Sum of GTIs [s]
ontime6	8150.8001525998	Sum of GTIs [s]
ontime7	8274.0393542349	Sum of GTIs [s]
ontime8	8247.9473418891	Sum of GTIs [s]
ontime9	7927.2955921292	Sum of GTIs [s]
l2events	1055587	Number of level 2 events

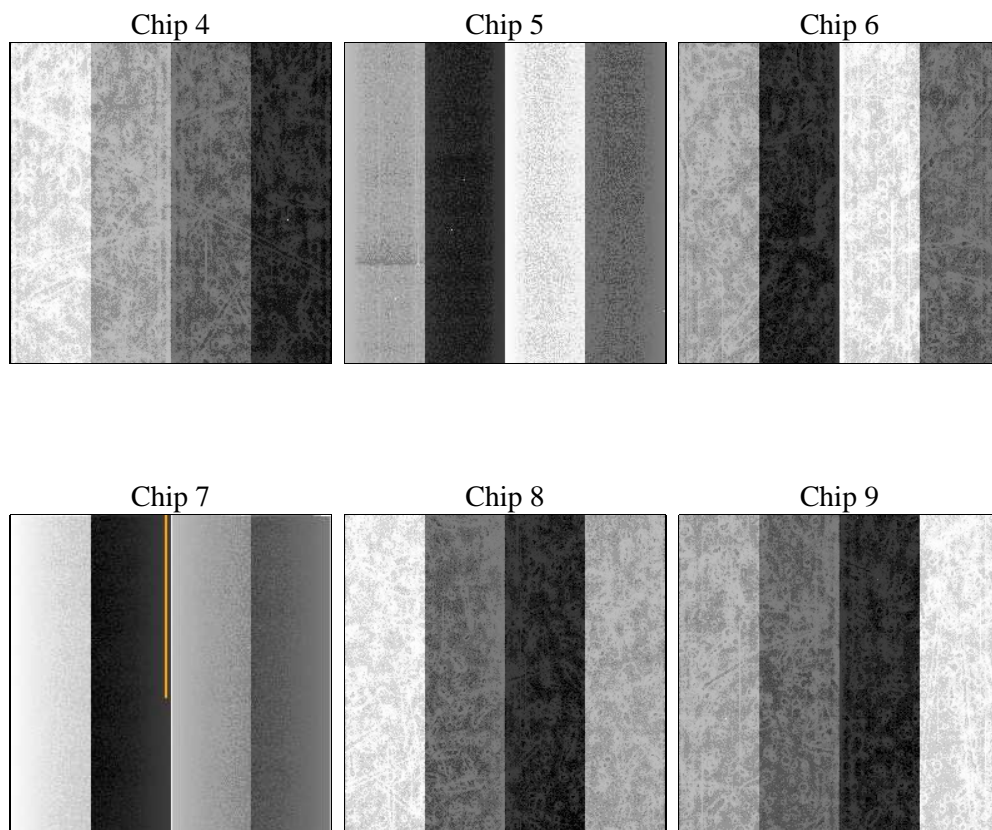
2 OBI

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	8274.0393542349	Sum of GTIs [s]
caldsver	4.5.5	 	ontime4	7480.2540508509	Sum of GTIs [s]
date	2012-12-27T09:59:22	Date and time of file creation	ontime5	8273.9983142316	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	8150.8001525998	Sum of GTIs [s]
			ontime7	8274.0393542349	Sum of GTIs [s]
			ontime8	8247.9473418891	Sum of GTIs [s]
			ontime9	7927.2955921292	Sum of GTIs [s]
			l1events	1482447	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	221177	246677	248259	258648	268407	239279	grade 0 events	96514	31552	100831	47783	109099	99392
rejected events	59433	59701	59037	50114	67739	61197		43%	12%	40%	18%	40%	41%
rejected %	26%	24%	23%	19%	25%	25%	grade 1 events	775	198	468	146	544	553
								0%	0%	0%	0%	0%	0%
							grade 2 events	23111	75349	34275	46068	34750	29110
								10%	30%	13%	17%	12%	12%
							grade 3 events	10979	8394	11621	20398	13097	11493
								4%	3%	4%	7%	4%	4%
							grade 4 events	10838	8276	11451	19955	13060	11321
								4%	3%	4%	7%	4%	4%
							grade 5 events	3207	8228	3409	8506	4413	3789
								1%	3%	1%	3%	1%	1%
							grade 6 events	20302	63405	31044	74330	30662	26766
								9%	25%	12%	28%	11%	11%
							grade 7 events	55451	51275	55160	41462	62782	56855
								25%	20%	22%	16%	23%	23%

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	359.9761862261852
[deg] Pointing Dec	0	0.01585045580923022
[deg] Pointing Roll	0.0	113.5166569710344
[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)	240377246.371576	240377245.34658
Observation start date	2005-08-14T03:27:26	2005-08-14T03:27:25
[s] Observation end time (MET)	240398558.172553	240398557.14755
Observation end date	2005-08-14T09:22:38	2005-08-14T09:22:37
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)	2013.01.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2740393542349

A.2 Comments