

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60998 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 15 2012

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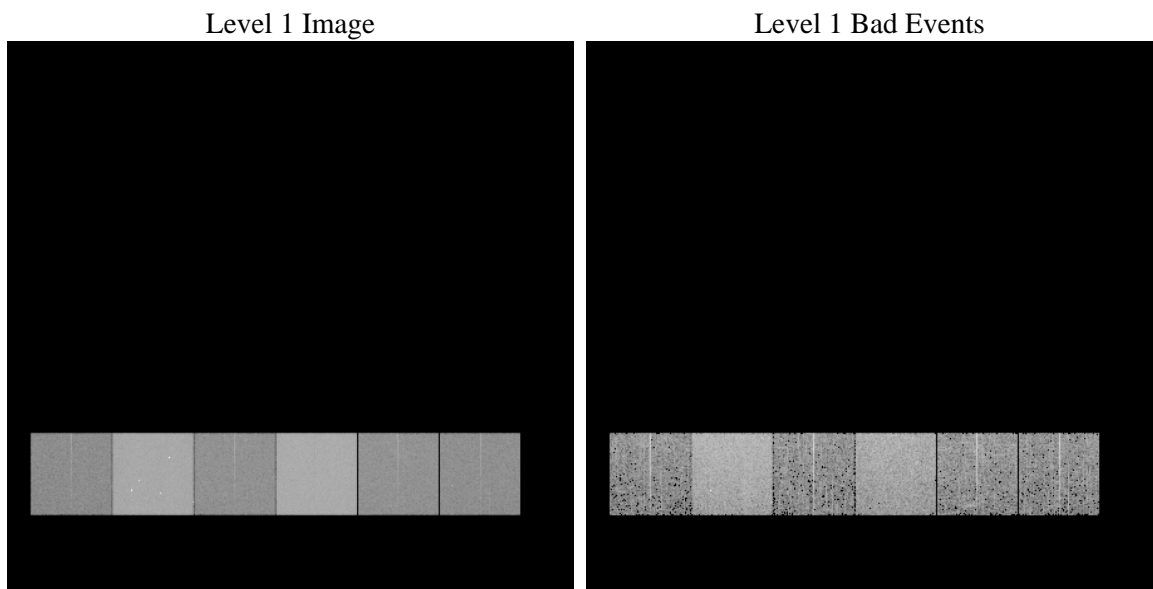
1 Front

seq_num	 	Sequence number
obs_id	60998	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	110.07422215644	Nominal RA [deg]
dec_nom	58.525234751661	Nominal Dec [deg]
roll_nom	85.263295825283	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7790.9296726286	Sum of GTIs [s]
livetime	7692.2762299792	Livetime [s]
ontime4	2666.8057346642	Sum of GTIs [s]
ontime5	7790.8886326253	Sum of GTIs [s]
ontime6	3004.440248251	Sum of GTIs [s]
ontime7	7790.9296726286	Sum of GTIs [s]
ontime8	3078.9841977954	Sum of GTIs [s]
ontime9	2867.9138263464	Sum of GTIs [s]
l2events	1191617	Number of level 2 events

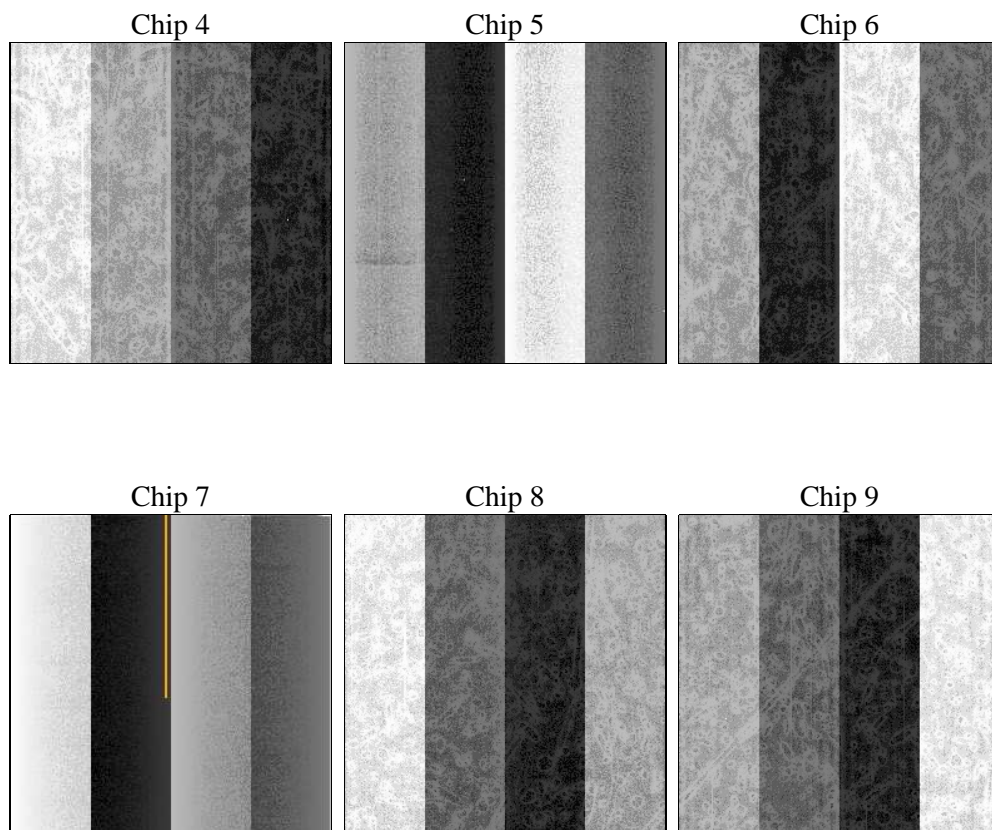
2 OBI

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	7790.9296726286	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	2666.8057346642	Sum of GTIs [s]
date	2012-10-15T17:07:11	Date and time of file creation	ontime5	7790.8886326253	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3004.440248251	Sum of GTIs [s]
			ontime7	7790.9296726286	Sum of GTIs [s]
			ontime8	3078.9841977954	Sum of GTIs [s]
			ontime9	2867.9138263464	Sum of GTIs [s]
			l1events	1431543	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	139074	383943	165693	416550	172565	153718	grade 0 events	68173	82703	78281	93947	81552	72943
rejected events	21211	52880	22400	42343	24727	21878		49%	21%	47%	22%	47%	47%
rejected %	15%	13%	13%	10%	14%	14%	grade 1 events	528	497	410	238	416	403
								0%	0%	0%	0%	0%	0%
							grade 2 events	18959	115687	25019	82800	25803	22548
								13%	30%	15%	19%	14%	14%
							grade 3 events	7834	21064	8925	38005	9472	8383
								5%	5%	5%	9%	5%	5%
							grade 4 events	7834	21068	8755	37542	9349	8352
								5%	5%	5%	9%	5%	5%
							grade 5 events	1410	9505	1589	8280	1825	1573
								1%	2%	0%	1%	1%	1%
							grade 6 events	15063	90541	22313	121913	21662	19614
								10%	23%	13%	29%	12%	12%
							grade 7 events	19273	42878	20401	33825	22486	19902
								13%	11%	12%	8%	13%	12%

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	110.0742221564431
[deg] Pointing Dec	0	58.52523475166079
[deg] Pointing Roll	0.0	85.26329582528344
[mm] SIM focus pos	-0.684267	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-190.132523	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	151003289.960334	151003288.93563
Observation start date	2002-10-14T17:21:30	2002-10-14T17:21:28
[s] Observation end time (MET)	151030835.811482	151030834.78677
Observation end date	2002-10-15T01:00:36	2002-10-15T01:00:34
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)	2012.10.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7909296726286

A.2 Comments