

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61393 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 28 2012

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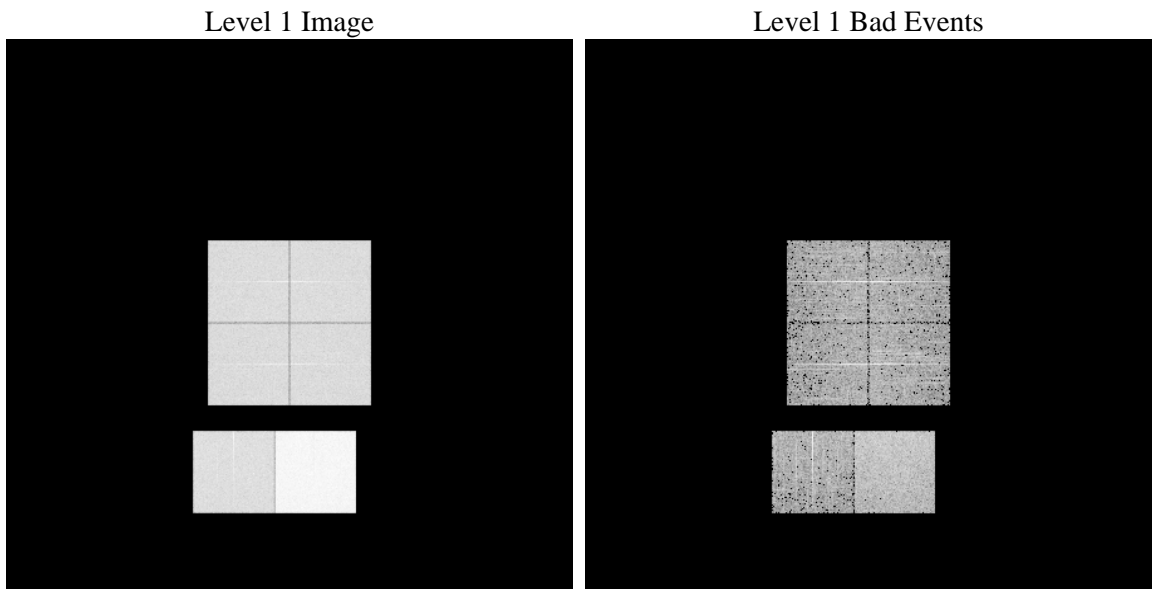
1 Front

seq_num	 	Sequence number
obs_id	61393	Observation id
title	ACIS-012367 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	107.02374492719	Nominal RA [deg]
dec_nom	-57.804291727309	Nominal Dec [deg]
roll_nom	31.062061131028	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7437.6652322114	Sum of GTIs [s]
livetime	7343.4850366168	Livetime [s]
ontime0	2941.9463886172	Sum of GTIs [s]
ontime1	2954.9519676566	Sum of GTIs [s]
ontime2	2828.5927171558	Sum of GTIs [s]
ontime3	2825.752836585	Sum of GTIs [s]
ontime6	3087.9161390215	Sum of GTIs [s]
ontime7	7437.6652322114	Sum of GTIs [s]
l2events	1224088	Number of level 2 events

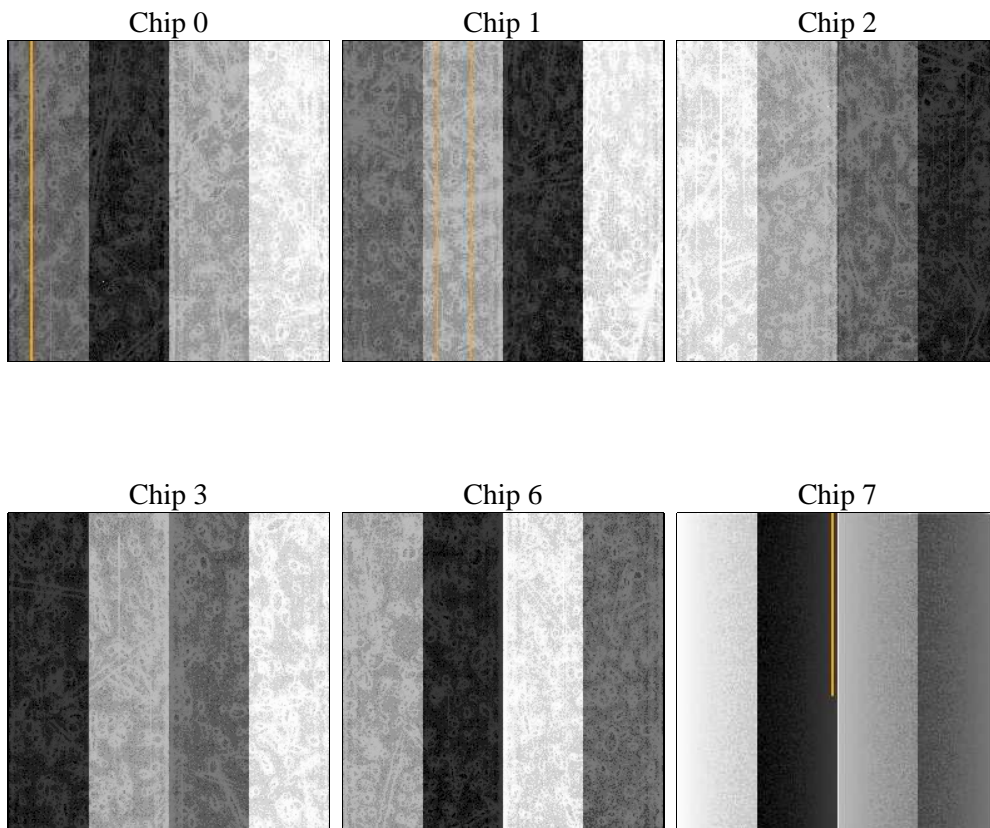
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	7437.6652322114	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	2941.9463886172	Sum of GTIs [s]
date	2012-09-29T00:14:25	Date and time of file creation	ontime1	2954.9519676566	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	2828.5927171558	Sum of GTIs [s]
			ontime3	2825.752836585	Sum of GTIs [s]
			ontime6	3087.9161390215	Sum of GTIs [s]
			ontime7	7437.6652322114	Sum of GTIs [s]
			l1events	1422851	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	187821	188358	182167	182526	205288	476691	grade 0 events	91823	92435	90005	89963	99045	111941
rejected events	21581	21109	20499	22115	23200	38914		48%	49%	49%	49%	48%	23%
rejected %	11%	11%	11%	12%	11%	8%	grade 1 events	511	455	482	504	467	282
								0%	0%	0%	0%	0%	0%
							grade 2 events	29360	29297	28226	28052	31388	97161
								15%	15%	15%	15%	15%	20%
							grade 3 events	10511	10671	10208	10010	11285	44650
								5%	5%	5%	5%	5%	9%
							grade 4 events	10390	10667	10138	10116	11426	44445
								5%	5%	5%	5%	5%	9%
							grade 5 events	1495	1555	1449	1524	1744	8001
								0%	0%	0%	0%	0%	1%
							grade 6 events	24156	24478	23091	22459	29012	139778
								12%	12%	12%	12%	14%	29%
							grade 7 events	19575	18800	18568	19898	20921	30433
								10%	9%	10%	10%	10%	6%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	107.0237449271929	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-57.80429172730913	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	31.06206113102771			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	124043906.705	124043905.93672			
Observation start date	2001-12-06T16:38:27	2001-12-06T16:38:25			
[s] Observation end time (MET)	124079500.857	124079500.08814			
Observation end date	2001-12-07T02:31:41	2001-12-07T02:31:40			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.4376652322114

A.2 Comments