

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59698 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 22 2012

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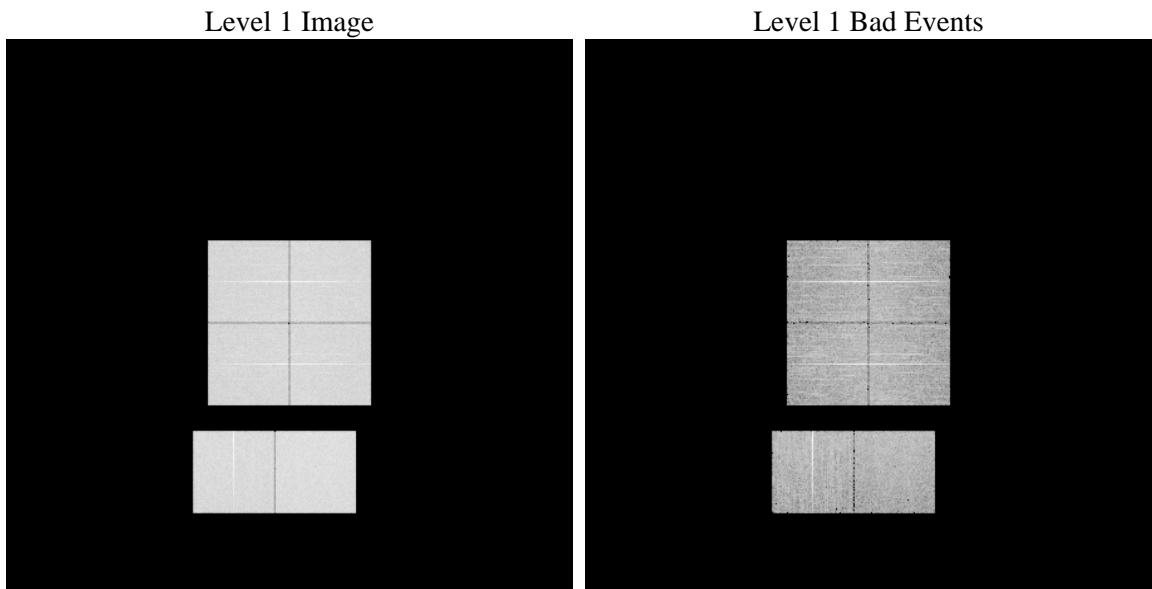
1 Front

seq_num	 	Sequence number
obs_id	59698	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	178.51634714209	Nominal RA [deg]
dec_nom	-11.023382217603	Nominal Dec [deg]
roll_nom	269.22576303581	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8601.5999679565	Sum of GTIs [s]
livetime	8492.6813299006	Livetime [s]
ontime0	7707.0897843242	Sum of GTIs [s]
ontime1	7966.3682385981	Sum of GTIs [s]
ontime2	7412.1603987813	Sum of GTIs [s]
ontime3	7651.9927220643	Sum of GTIs [s]
ontime6	8068.9071703553	Sum of GTIs [s]
ontime7	8601.5999679565	Sum of GTIs [s]
l2events	1149986	Number of level 2 events

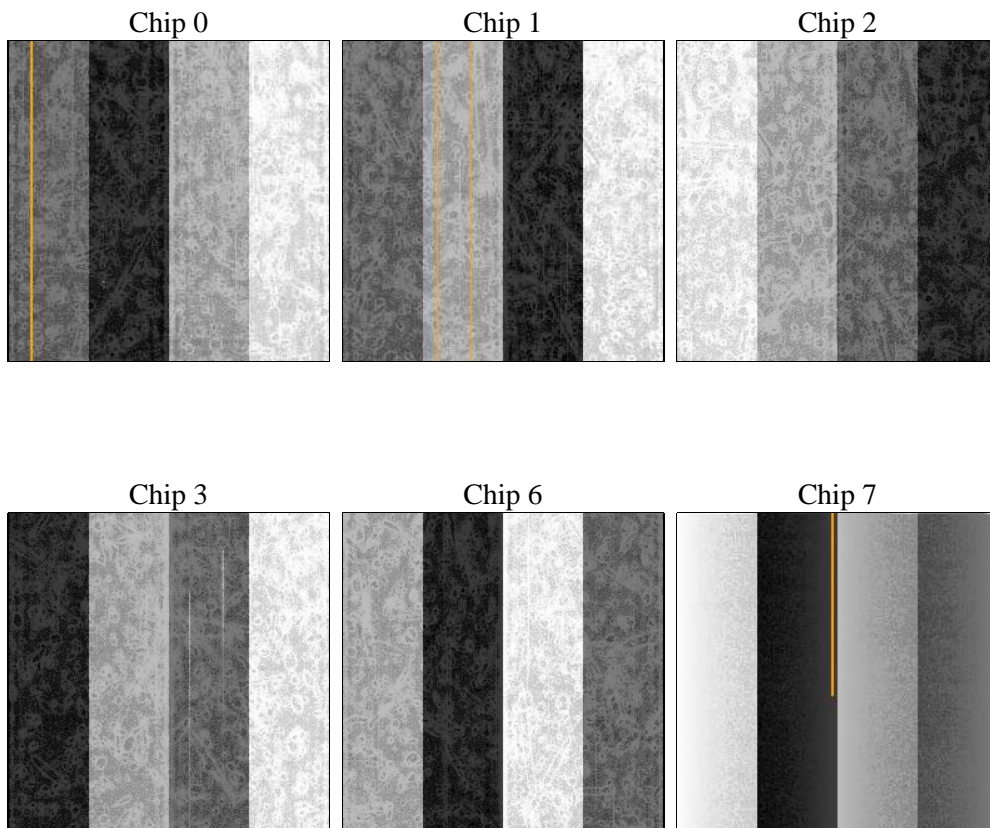
2 OBI

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	8601.5999679565	Sum of GTIs [s]
caldbver	4.5.5	 	ontime0	7707.0897843242	Sum of GTIs [s]
date	2012-12-22T14:19:41	Date and time of file creation	ontime1	7966.3682385981	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	7412.1603987813	Sum of GTIs [s]
			ontime3	7651.9927220643	Sum of GTIs [s]
			ontime6	8068.9071703553	Sum of GTIs [s]
			ontime7	8601.5999679565	Sum of GTIs [s]
			l1events	1549141	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	243264	252596	241220	248349	269892	293820	grade 0 events	104193	107027	103021	106421	112623	56762
rejected events	54086	56190	57380	57203	61510	54273		42%	42%	42%	42%	41%	19%
rejected %	22%	22%	23%	23%	22%	18%	grade 1 events	612	561	666	692	588	188
								0%	0%	0%	0%	0%	0%
							grade 2 events	32894	34966	31108	32868	36123	52744
								13%	13%	12%	13%	13%	17%
							grade 3 events	12208	12748	11976	12681	13168	23884
								5%	5%	4%	5%	4%	8%
							grade 4 events	12214	12554	12209	12539	13103	23722
								5%	4%	5%	5%	4%	8%
							grade 5 events	3424	3590	3177	3544	3862	9708
								1%	1%	1%	1%	1%	3%
							grade 6 events	27739	29196	25604	26730	33365	82524
								11%	11%	10%	10%	12%	28%
							grade 7 events	49980	51954	53459	52874	57060	44288
								20%	20%	22%	21%	21%	15%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	178.5163471420911
[deg] Pointing Dec	0	-11.02338221760333
[deg] Pointing Roll	0.0	269.2257630358061
[mm] SIM focus pos	-0.782348	-1.428180813131781
[mm] SIM defocus	0	0.1051558262725154
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	230047507.04997	230047506.02497
Observation start date	2005-04-16T14:05:07	2005-04-16T14:05:06
[s] Observation end time (MET)	230092766.952027	230092765.92702
Observation end date	2005-04-17T02:39:27	2005-04-17T02:39:25
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2013.01.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.6015999679565

A.2 Comments