

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59704 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 22 2012

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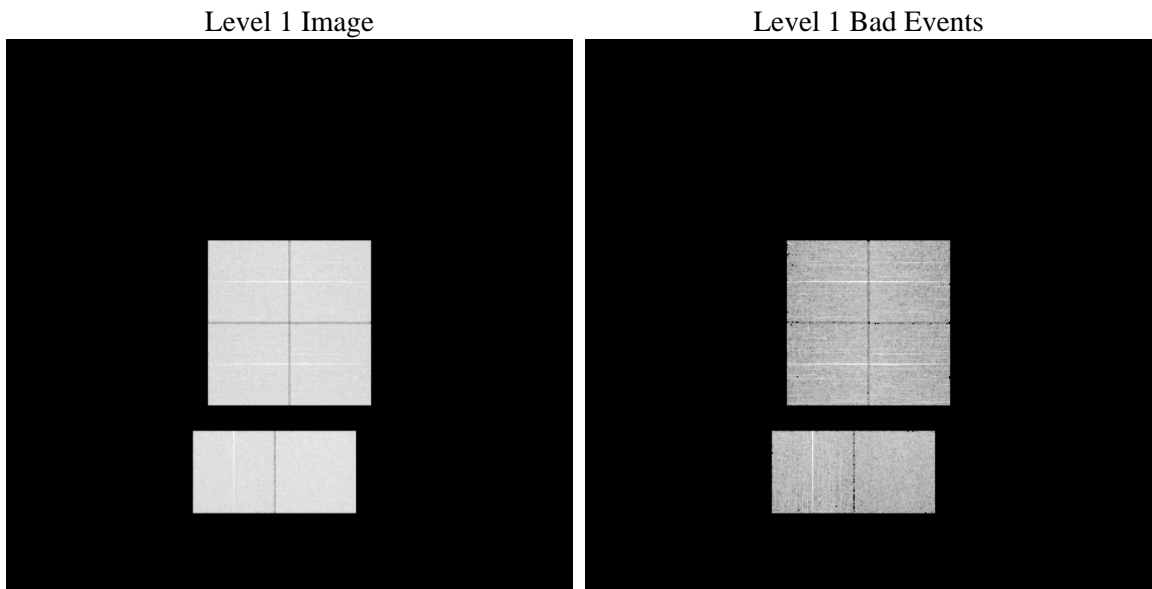
1 Front

seq_num	 	Sequence number
obs_id	59704	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	175.51804914884	Nominal RA [deg]
dec_nom	-11.522482596254	Nominal Dec [deg]
roll_nom	275.3092403439	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8598.3999679685	Sum of GTIs [s]
livetime	8489.5218502392	Livetime [s]
ontime0	7742.7836997211	Sum of GTIs [s]
ontime1	7950.2059285939	Sum of GTIs [s]
ontime2	7532.1203518808	Sum of GTIs [s]
ontime3	7558.0484931171	Sum of GTIs [s]
ontime6	8099.2904524803	Sum of GTIs [s]
ontime7	8598.3999679685	Sum of GTIs [s]
l2events	1150417	Number of level 2 events

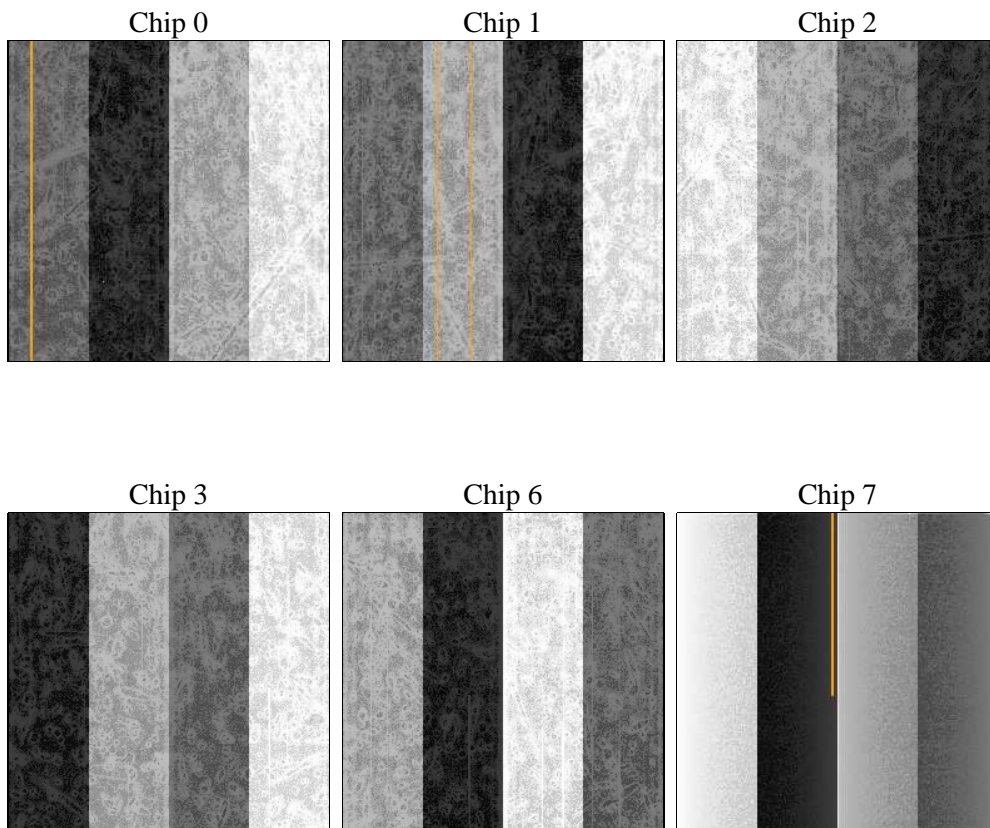
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	8598.3999679685	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	7742.7836997211	Sum of GTIs [s]
date	2012-12-22T05:21:44	Date and time of file creation	ontime1	7950.2059285939	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	7532.1203518808	Sum of GTIs [s]
			ontime3	7558.0484931171	Sum of GTIs [s]
			ontime6	8099.2904524803	Sum of GTIs [s]
			ontime7	8598.3999679685	Sum of GTIs [s]
			l1events	1548043	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	244407	250760	244615	244878	270214	293169	grade 0 events	105090	106706	104721	104882	113431	57154
rejected events	54179	55435	57058	57053	61309	54006		42%	42%	42%	42%	41%	19%
rejected %	22%	22%	23%	23%	22%	18%	grade 1 events	603	567	685	719	547	188
								0%	0%	0%	0%	0%	0%
							grade 2 events	32993	34917	32238	32117	36162	52768
								13%	13%	13%	13%	13%	17%
							grade 3 events	12193	12493	12236	12278	13459	24010
								4%	4%	5%	5%	4%	8%
							grade 4 events	12398	12777	12344	12429	13005	23645
								5%	5%	5%	5%	4%	8%
							grade 5 events	3599	3538	3289	3624	3907	9576
								1%	1%	1%	1%	1%	3%
							grade 6 events	27628	28502	26102	26191	32922	81675
								11%	11%	10%	10%	12%	27%
							grade 7 events	49903	51260	53000	52638	56781	44153
								20%	20%	21%	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	175.5180491488354
[deg] Pointing Dec	0	-11.52248259625372
[deg] Pointing Roll	0.0	275.3092403439044
[mm] SIM focus pos	-0.782348	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	229590551.779215	229590550.7542
Observation start date	2005-04-11T07:09:12	2005-04-11T07:09:10
[s] Observation end time (MET)	229633927.731189	229633926.70617
Observation end date	2005-04-11T19:12:08	2005-04-11T19:12:06
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)	2013.01.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.5983999679685

A.2 Comments