

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58420 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 23 2012

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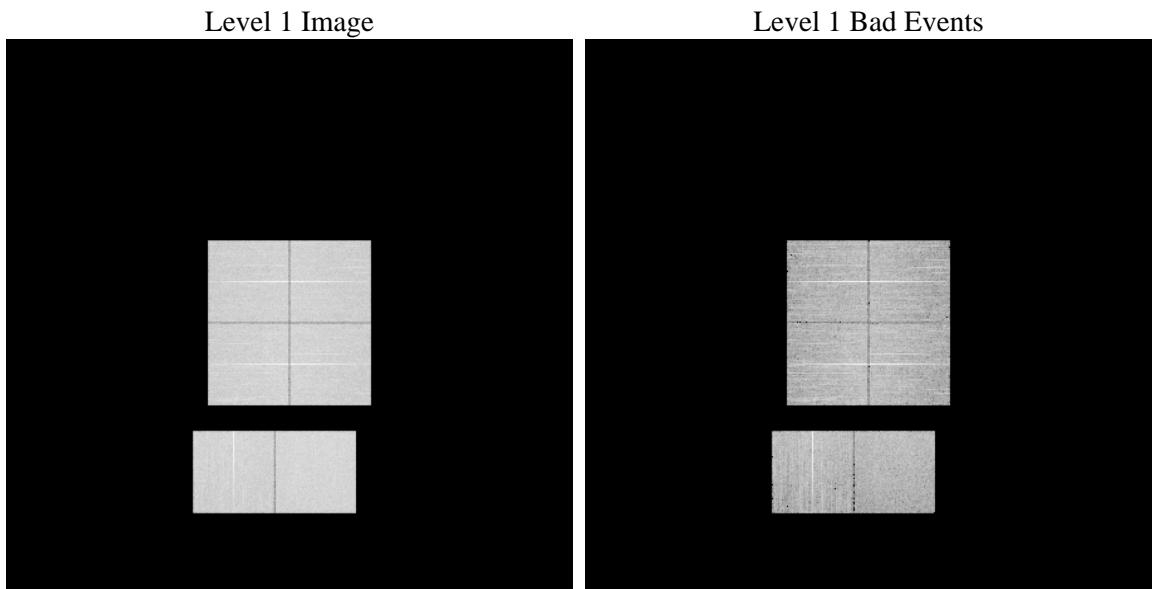
1 Front

seq_num	 	Sequence number
obs_id	58420	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	216.98450748371	Nominal RA [deg]
dec_nom	0.19459536078077	Nominal Dec [deg]
roll_nom	168.02456329326	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7797.226528883	Sum of GTIs [s]
livetime	7698.4933516481	Livetime [s]
ontime0	7797.1854888797	Sum of GTIs [s]
ontime1	7797.1444488764	Sum of GTIs [s]
ontime2	7797.1034088731	Sum of GTIs [s]
ontime3	7797.2675688863	Sum of GTIs [s]
ontime6	7797.0623688698	Sum of GTIs [s]
ontime7	7797.226528883	Sum of GTIs [s]
l2events	711089	Number of level 2 events

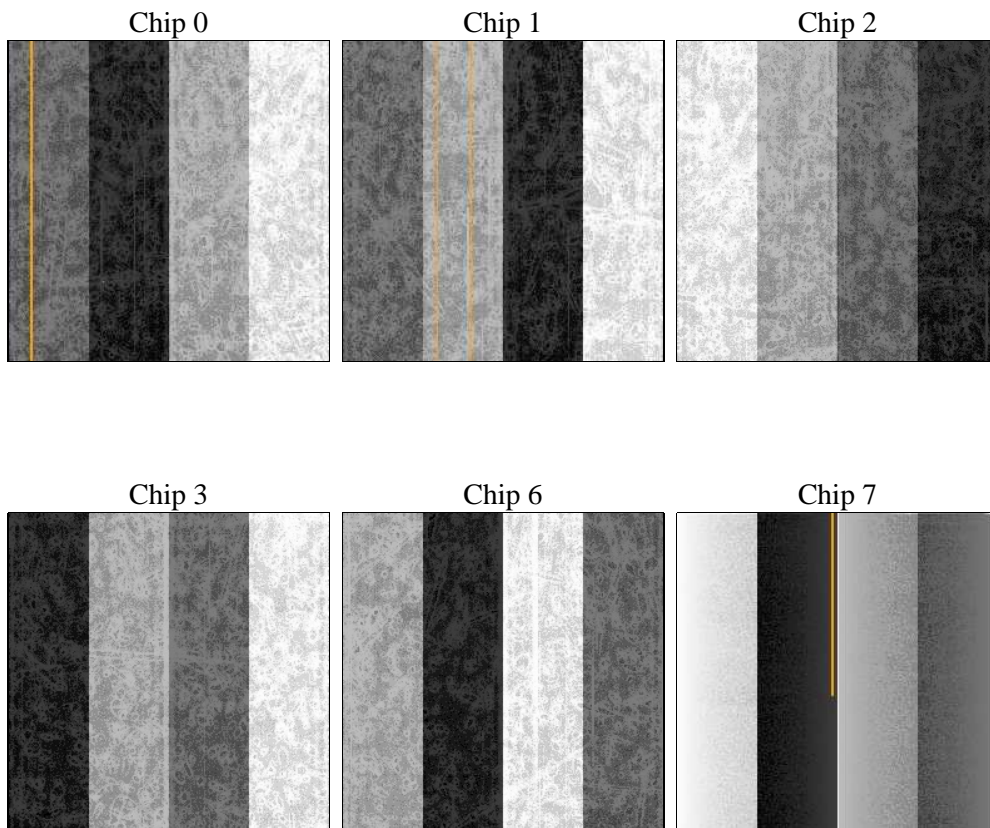
2 OBI

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	8.4.4	Processing system revision	ontime	7797.226528883	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7797.1854888797	Sum of GTIs [s]
date	2012-04-23T23:57:23	Date and time of file creation	ontime1	7797.1444488764	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	7797.1034088731	Sum of GTIs [s]
			ontime3	7797.2675688863	Sum of GTIs [s]
			ontime6	7797.0623688698	Sum of GTIs [s]
			ontime7	7797.226528883	Sum of GTIs [s]
			l1events	1148385	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	182226	181152	192438	189048	193352	210169	grade 0 events	64020	63930	66001	66191	66205	31656
rejected events	64662	62101	73240	69314	69261	59833		35%	35%	34%	35%	34%	15%
rejected %	35%	34%	38%	36%	35%	28%	grade 1 events	447	353	480	523	448	159
								0%	0%	0%	0%	0%	0%
							grade 2 events	20596	21786	20012	20682	21509	32757
								11%	12%	10%	10%	11%	15%
							grade 3 events	7935	7707	7987	7858	7950	14249
								4%	4%	4%	4%	4%	6%
							grade 4 events	7736	7803	7918	8084	7866	14275
								4%	4%	4%	4%	4%	6%
							grade 5 events	3692	3840	3442	4084	4001	9935
								2%	2%	1%	2%	2%	4%
							grade 6 events	17277	17825	17280	16919	20561	57399
								9%	9%	8%	8%	10%	27%
							grade 7 events	60523	57908	69318	64707	64812	49739
								33%	31%	36%	34%	33%	23%

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	216.9845074837061	Alternating exposures requested	N	N
[deg] Pointing Dec	0	0.1945953607807715	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	168.0245632932552			
[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)	294021601.731576	294021600.70657			
Observation start date	2007-04-27T00:40:02	2007-04-27T00:40:00			
[s] Observation end time (MET)	294037454.382332	294037453.35733			
Observation end date	2007-04-27T05:04:14	2007-04-27T05:04:13			
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)	2012.04.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.797226528883

A.2 Comments