

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 57121 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 7 2012

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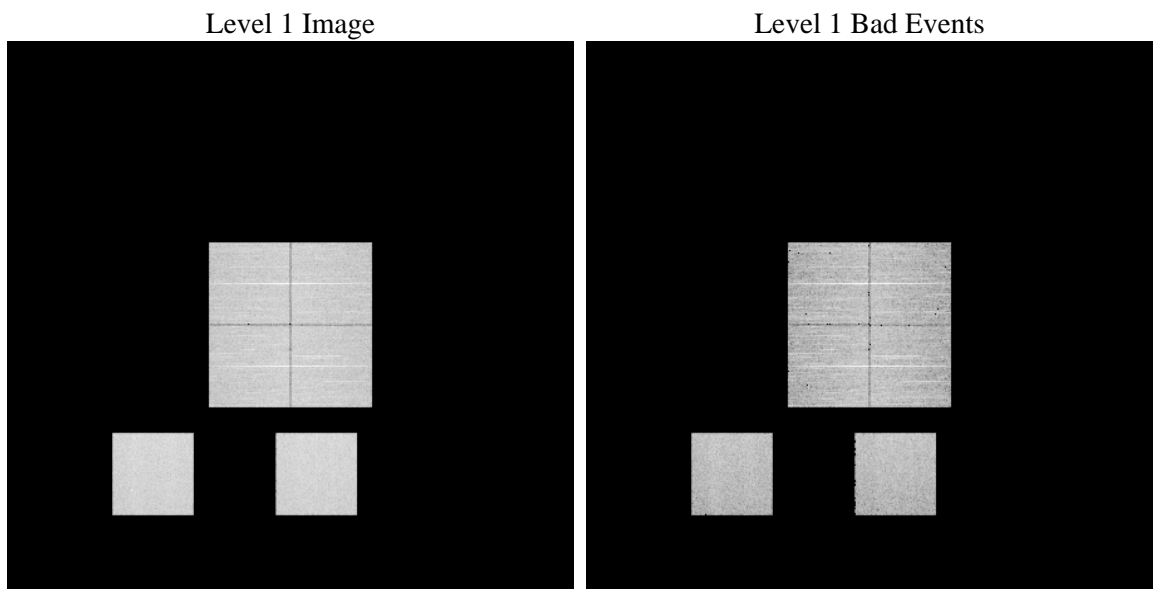
1 Front

seq_num	 	Sequence number
obs_id	57121	Observation id
title	ACIS-012357 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	95.987998229279	Nominal RA [deg]
dec_nom	-15.018181009079	Nominal Dec [deg]
roll_nom	240.31529819539	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6124.7999772429	Sum of GTIs [s]
livetime	6047.2440720193	Livetime [s]
ontime0	6124.7999772429	Sum of GTIs [s]
ontime1	6124.7999772429	Sum of GTIs [s]
ontime2	6124.7999772429	Sum of GTIs [s]
ontime3	6124.7999772429	Sum of GTIs [s]
ontime5	6124.7999772429	Sum of GTIs [s]
ontime7	6124.7999772429	Sum of GTIs [s]
l2events	389121	Number of level 2 events

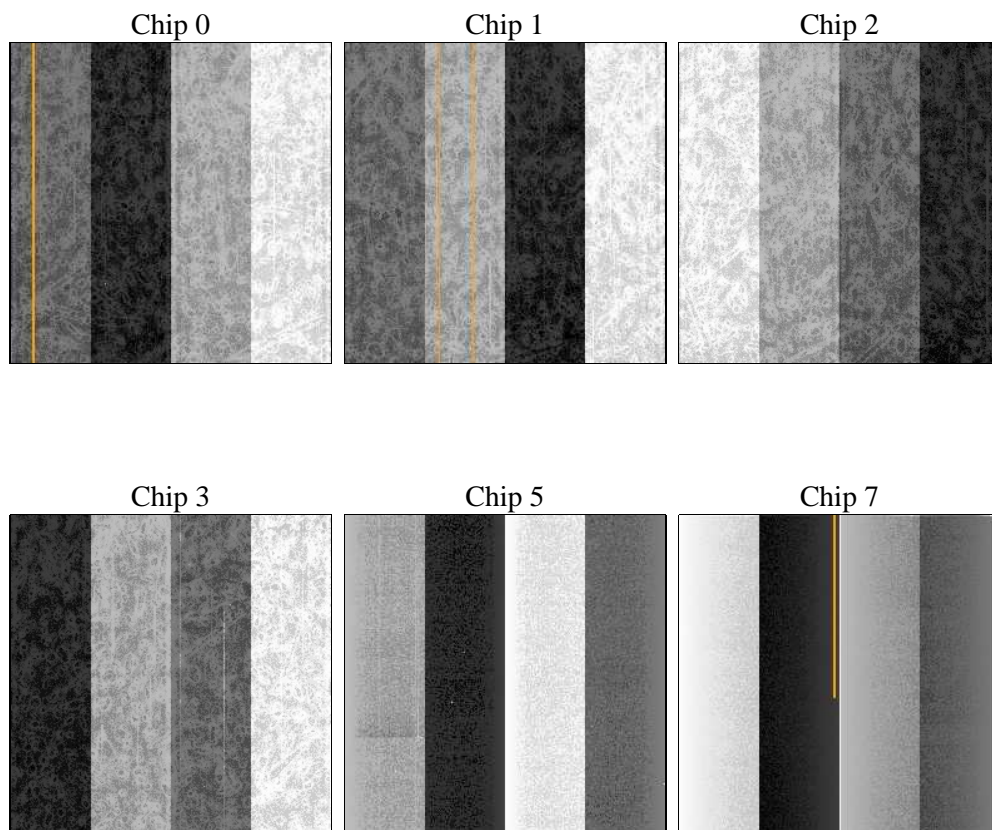
2 OBI

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	6124.7999772429	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	6124.7999772429	Sum of GTIs [s]
date	2012-06-07T04:08:04	Date and time of file creation	ontime1	6124.7999772429	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	6124.7999772429	Sum of GTIs [s]
			ontime3	6124.7999772429	Sum of GTIs [s]
			ontime5	6124.7999772429	Sum of GTIs [s]
			ontime7	6124.7999772429	Sum of GTIs [s]
			l1events	755559	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	116340	114240	119330	119743	143264	142642	grade 0 events	31481	30616	32633	32553	10201	15954
rejected events	58296	55246	60650	60968	57315	55429		27%	26%	27%	27%	7%	11%
rejected %	50%	48%	50%	50%	40%	38%	grade 1 events	207	183	259	246	175	124
								0%	0%	0%	0%	0%	0%
							grade 2 events	10630	11991	10068	10362	32777	19569
								9%	10%	8%	8%	22%	13%
							grade 3 events	3910	3848	3995	4091	3460	7998
								3%	3%	3%	3%	2%	5%
							grade 4 events	3837	3844	4053	4074	3352	7776
								3%	3%	3%	3%	2%	5%
							grade 5 events	3059	3042	2860	3301	6774	8378
								2%	2%	2%	2%	4%	5%
							grade 6 events	9057	9572	8785	8540	37416	37193
								7%	8%	7%	7%	26%	26%
							grade 7 events	54159	51144	56677	56576	49109	45650
								46%	44%	47%	47%	34%	32%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	95.98799822927913	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-15.01818100907864	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	240.3152981953891	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	358040121.363083	358040120.33808			
Observation start date	2009-05-06T23:35:21	2009-05-06T23:35:20			
[s] Observation end time (MET)	358050873.613619	358050872.58862			
Observation end date	2009-05-07T02:34:34	2009-05-07T02:34:32			
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)	2012.06.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.1247999772429

A.2 Comments