

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 57130 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 6 2012

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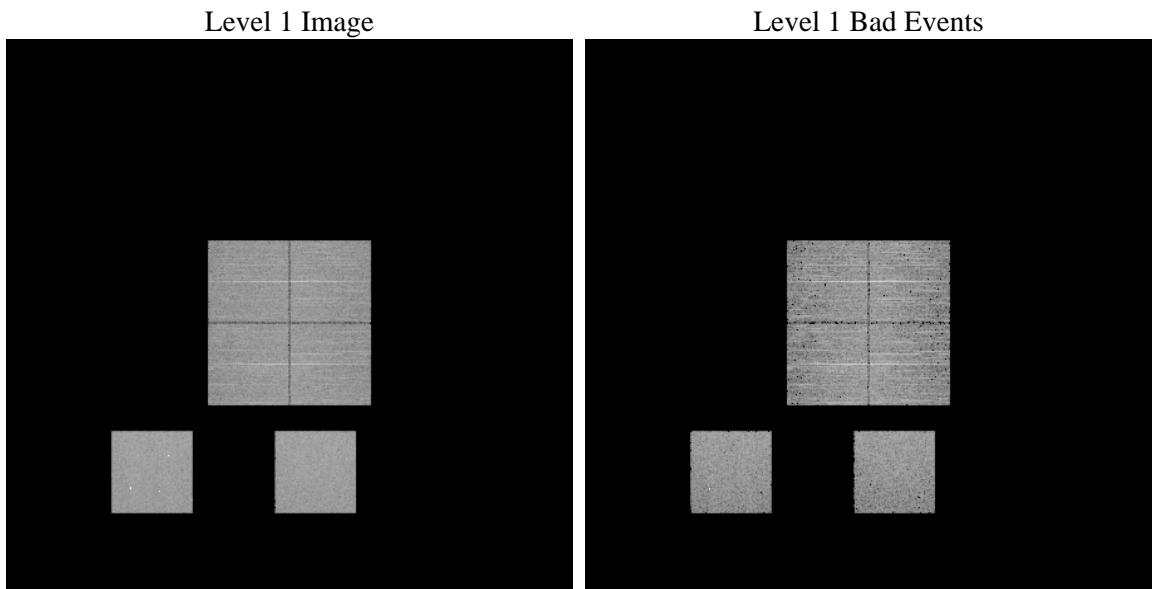
1 Front

seq_num	 	Sequence number
obs_id	57130	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	225.97277009263	Nominal RA [deg]
dec_nom	7.9895340139023	Nominal Dec [deg]
roll_nom	168.38665911254	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4248.279802382	Sum of GTIs [s]
livetime	4194.4855255172	Livetime [s]
ontime0	4249.5999842286	Sum of GTIs [s]
ontime1	4249.5999842286	Sum of GTIs [s]
ontime2	4249.5999842286	Sum of GTIs [s]
ontime3	4248.2387424707	Sum of GTIs [s]
ontime5	4249.5999842286	Sum of GTIs [s]
ontime7	4248.279802382	Sum of GTIs [s]
l2events	272128	Number of level 2 events

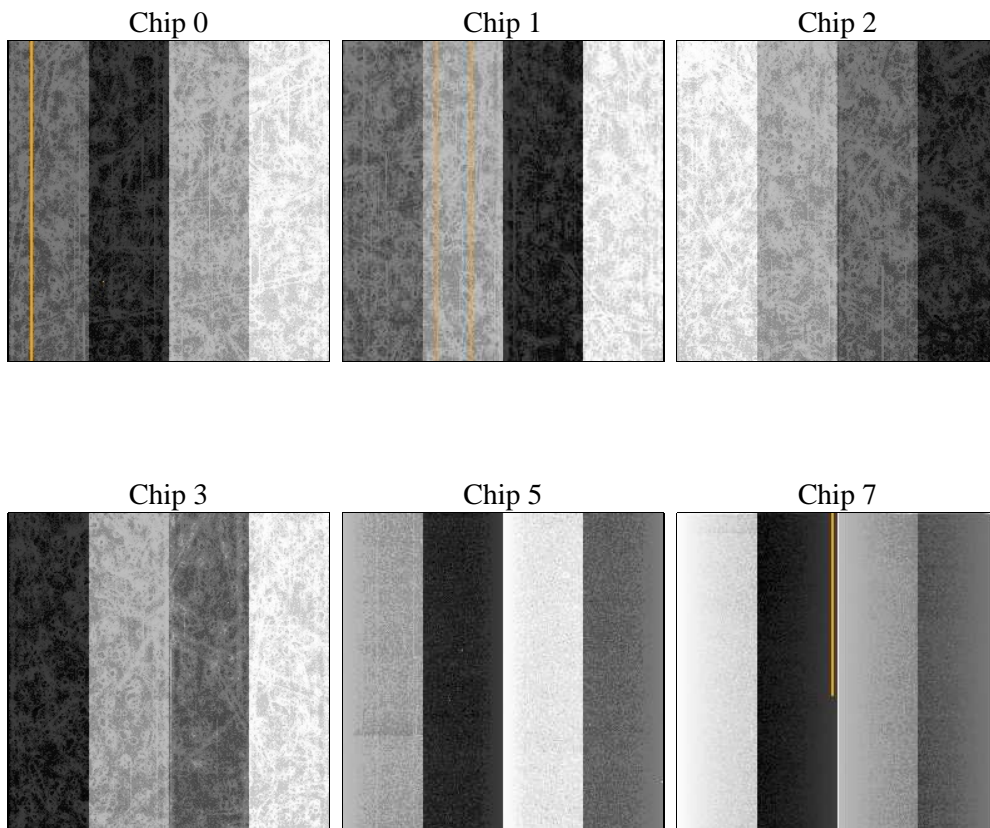
2 OBI

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	4248.279802382	Sum of GTIs [s]
caldbver	4.4.10	 	ontime0	4249.5999842286	Sum of GTIs [s]
date	2012-06-06T11:55:00	Date and time of file creation	ontime1	4249.5999842286	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4249.5999842286	Sum of GTIs [s]
			ontime3	4248.2387424707	Sum of GTIs [s]
			ontime5	4249.5999842286	Sum of GTIs [s]
			ontime7	4248.279802382	Sum of GTIs [s]
			l1events	519980	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	77938	80417	81444	81772	100660	97749	grade 0 events	21955	21323	22464	22122	9765	11299
rejected events	36959	39614	40424	40820	38586	36700		28%	26%	27%	27%	9%	11%
rejected %	47%	49%	49%	49%	38%	37%	grade 1 events	169	156	184	175	137	85
								0%	0%	0%	0%	0%	0%
							grade 2 events	7376	7683	7071	7275	21980	13236
								9%	9%	8%	8%	21%	13%
							grade 3 events	2746	2726	2722	2806	2779	5667
								3%	3%	3%	3%	2%	5%
							grade 4 events	2801	2765	2824	2791	2847	5516
								3%	3%	3%	3%	2%	5%
							grade 5 events	2141	2273	2081	2299	5192	5921
								2%	2%	2%	2%	5%	6%
							grade 6 events	6124	6338	5972	5958	24738	25331
								7%	7%	7%	7%	24%	25%
							grade 7 events	34626	37153	38126	38346	33222	30694
								44%	46%	46%	46%	33%	31%

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	225.972770092631	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	7.989534013902261	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	168.3866591125376	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	357773094.499815	357773093.47478			
Observation start date	2009-05-03T21:24:54	2009-05-03T21:24:53			
[s] Observation end time (MET)	357778867.300104	357778866.27507			
Observation end date	2009-05-03T23:01:07	2009-05-03T23:01:06			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.06.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.248279802382

A.2 Comments