

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56662 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 17 2012

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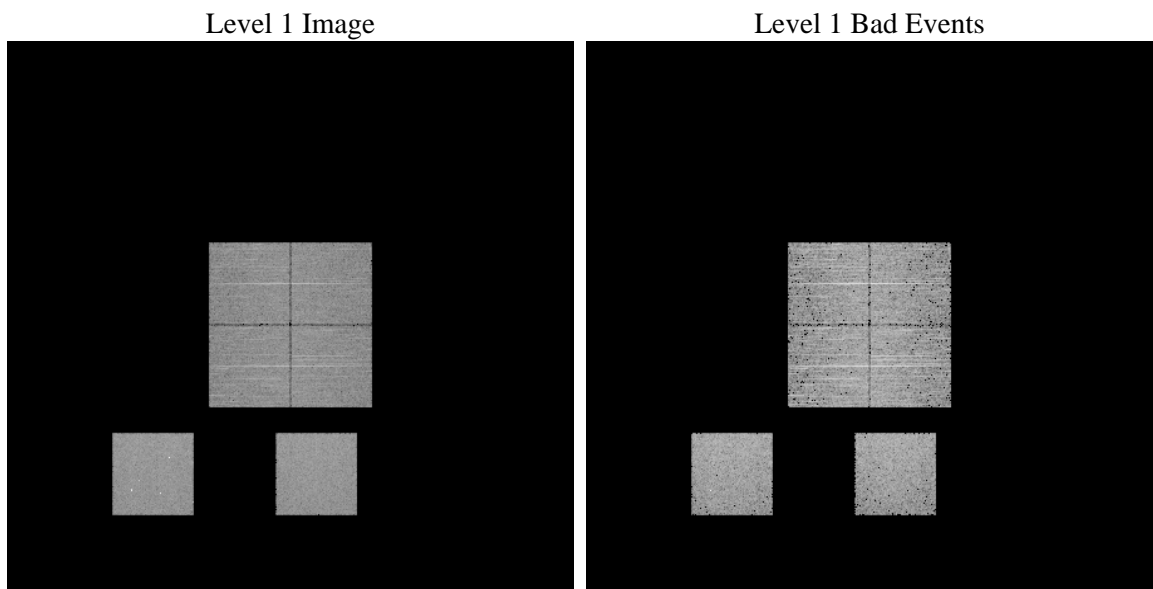
1 Front

seq_num	 	Sequence number
obs_id	56662	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	80.975047535855	Nominal RA [deg]
dec_nom	29.01860473501	Nominal Dec [deg]
roll_nom	106.70957137569	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3273.5999878645	Sum of GTIs [s]
livetime	3232.1476936929	Livetime [s]
ontime0	3273.5999878645	Sum of GTIs [s]
ontime1	3273.5999878645	Sum of GTIs [s]
ontime2	3273.5999878645	Sum of GTIs [s]
ontime3	3273.5999878645	Sum of GTIs [s]
ontime5	3273.5999878645	Sum of GTIs [s]
ontime7	3273.5999878645	Sum of GTIs [s]
l2events	193330	Number of level 2 events

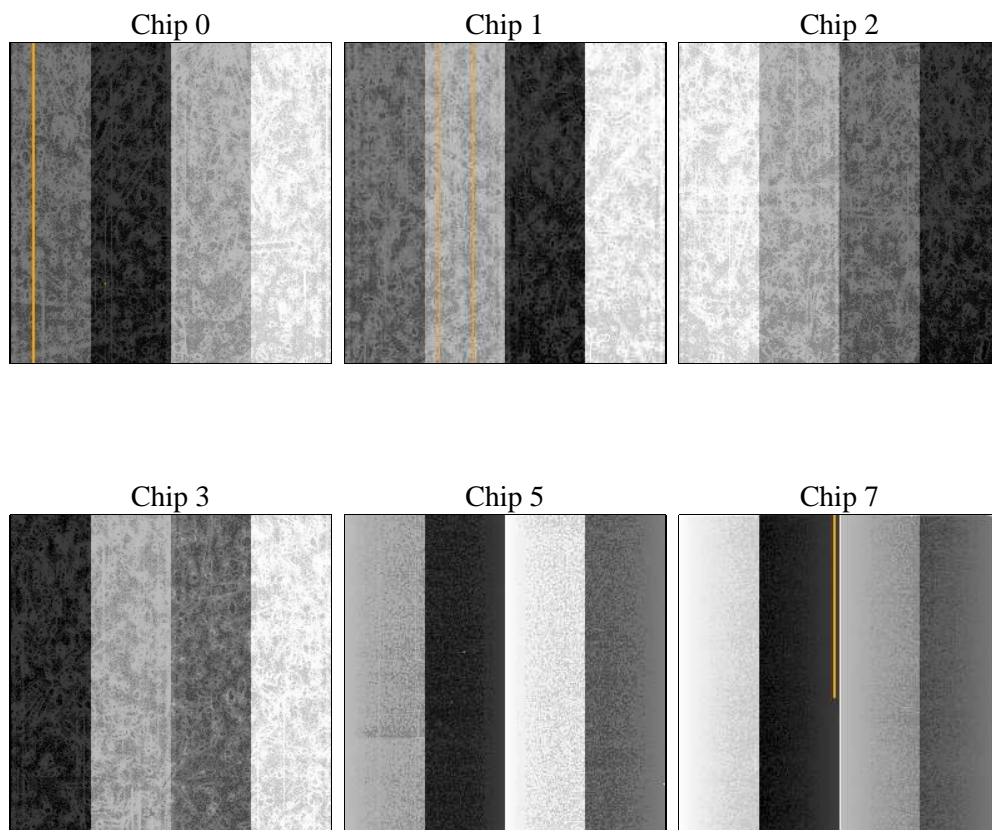
2 OBI

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	8.4.5	Processing system revision	ontime	3273.5999878645	Sum of GTIs [s]
caldbver	4.4.10	 	ontime0	3273.5999878645	Sum of GTIs [s]
date	2012-06-17T04:59:43	Date and time of file creation	ontime1	3273.5999878645	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3273.5999878645	Sum of GTIs [s]
			ontime3	3273.5999878645	Sum of GTIs [s]
			ontime5	3273.5999878645	Sum of GTIs [s]
			ontime7	3273.5999878645	Sum of GTIs [s]
			l1events	382963	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	57688	56017	60133	60370	75611	73144	grade 0 events	15117	14775	15418	15535	7104	7893
rejected events	29202	27387	31602	31517	29985	28880		26%	26%	25%	25%	9%	10%
rejected %	50%	48%	52%	52%	39%	39%	grade 1 events	111	104	131	109	83	50
								0%	0%	0%	0%	0%	0%
							grade 2 events	5040	5465	4944	5144	16032	9547
								8%	9%	8%	8%	21%	13%
							grade 3 events	1970	1850	1946	1958	2013	4009
								3%	3%	3%	3%	2%	5%
							grade 4 events	1908	1915	1978	1970	2024	4022
								3%	3%	3%	3%	2%	5%
							grade 5 events	1666	1695	1521	1855	3991	4600
								2%	3%	2%	3%	5%	6%
							grade 6 events	4476	4653	4281	4274	18497	18845
								7%	8%	7%	7%	24%	25%
							grade 7 events	27400	25560	29914	29525	25867	24178
								47%	45%	49%	48%	34%	33%

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	80.97504753585494	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	29.01860473500993	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	106.7095713756891	[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)	375140330.469932	375140329.44493			
Observation start date	2009-11-20T21:38:50	2009-11-20T21:38:49			
[s] Observation end time (MET)	375147247.170281	375147246.14528			
Observation end date	2009-11-20T23:34:07	2009-11-20T23:34:06			
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)	2012.06.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2735999878645

A.2 Comments