

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57882 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 12 2012

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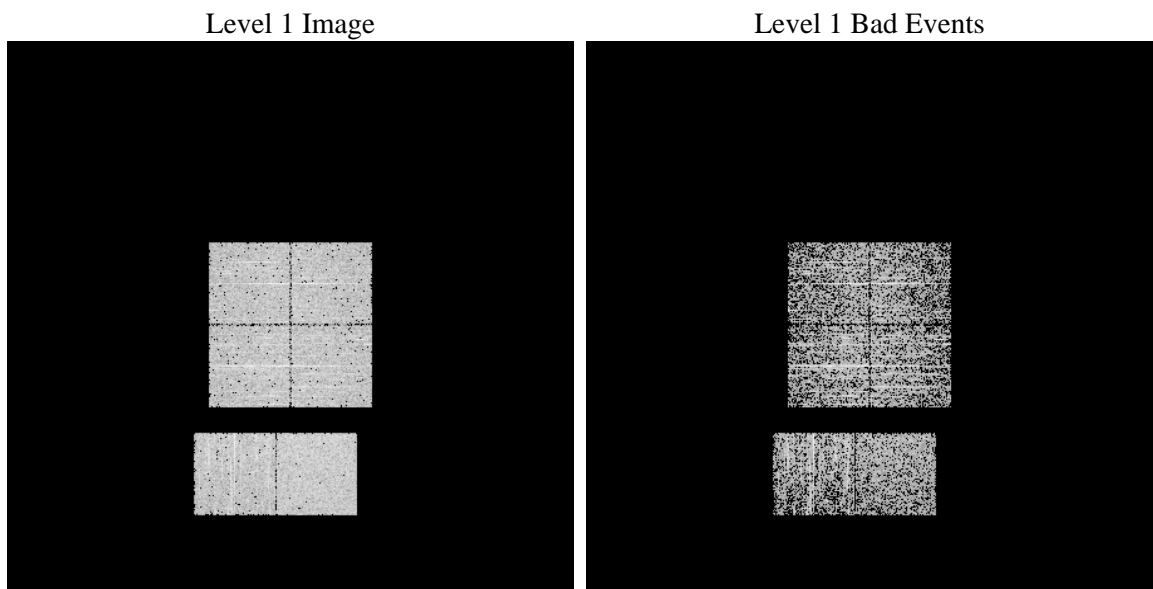
1 Front

seq_num	 	Sequence number
obs_id	57882	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	173.99946218696	Nominal RA [deg]
dec_nom	6.9712919222978	Nominal Dec [deg]
roll_nom	236.06738321386	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1026.2772676349	Sum of GTIs [s]
livetime	1013.2819269221	Livetime [s]
ontime0	1026.318377316	Sum of GTIs [s]
ontime1	1027.199996233	Sum of GTIs [s]
ontime2	1027.199996233	Sum of GTIs [s]
ontime3	1026.2362077236	Sum of GTIs [s]
ontime6	1027.199996233	Sum of GTIs [s]
ontime7	1026.2772676349	Sum of GTIs [s]
l2events	76023	Number of level 2 events

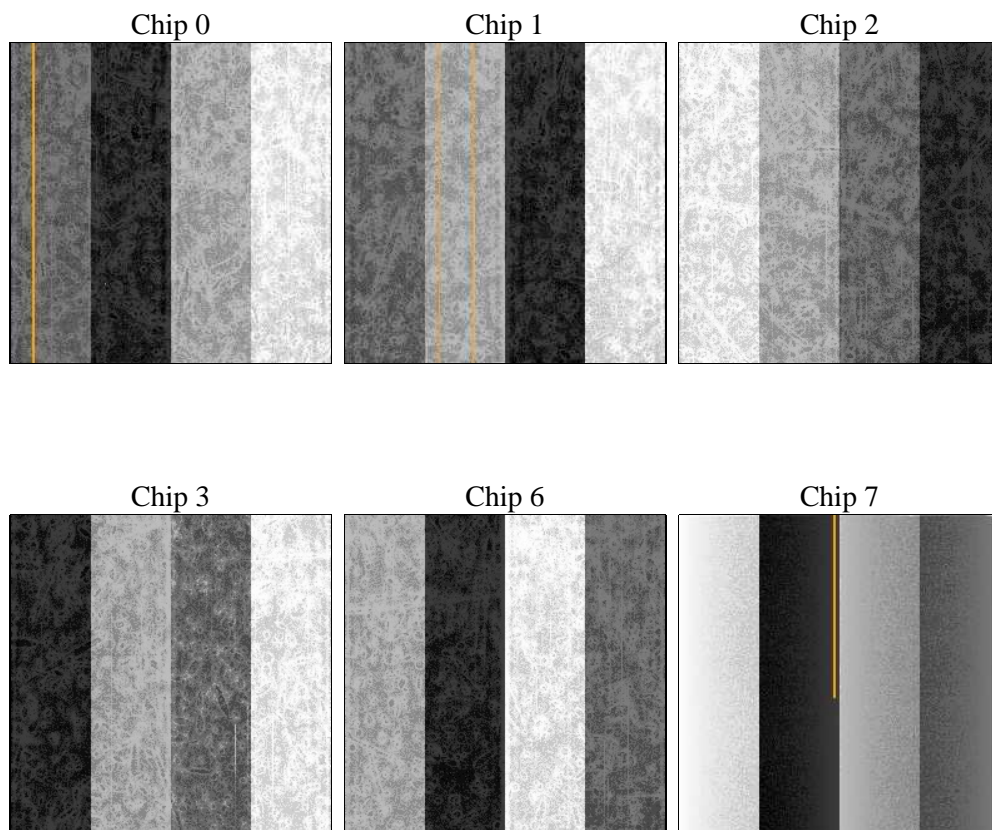
2 OBI

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	1026.2772676349	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	1026.318377316	Sum of GTIs [s]
date	2012-05-12T15:38:15	Date and time of file creation	ontime1	1027.199996233	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	1027.199996233	Sum of GTIs [s]
			ontime3	1026.2362077236	Sum of GTIs [s]
			ontime6	1027.199996233	Sum of GTIs [s]
			ontime7	1026.2772676349	Sum of GTIs [s]
			l1events	132235	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	20881	20339	22292	21405	22525	24793
rejected events	8205	7765	9742	8824	9495	7998
rejected %	39%	38%	43%	41%	42%	32%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	6720	6681	6868	6952	6963	3423
	32%	32%	30%	32%	30%	13%
grade 1 events	53	40	65	57	39	23
	0%	0%	0%	0%	0%	0%
grade 2 events	2308	2438	2175	2177	2211	3658
	11%	11%	9%	10%	9%	14%
grade 3 events	882	778	892	869	843	1626
	4%	3%	4%	4%	3%	6%
grade 4 events	877	850	854	817	867	1550
	4%	4%	3%	3%	3%	6%
grade 5 events	475	473	470	495	476	1375
	2%	2%	2%	2%	2%	5%
grade 6 events	1889	1857	1800	1766	2184	6538
	9%	9%	8%	8%	9%	26%
grade 7 events	7677	7222	9168	8272	8942	6600
	36%	35%	41%	38%	39%	26%

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	173.9994621869556
[deg] Pointing Dec	0	6.971291922297776
[deg] Pointing Roll	0.0	236.0673832138577
[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)	323961266.874602	323961265.8496
Observation start date	2008-04-07T13:14:27	2008-04-07T13:14:25
[s] Observation end time (MET)	323975840.325311	323975839.30031
Observation end date	2008-04-07T17:17:20	2008-04-07T17:17:19
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)	2012.05.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.0262772676349

A.2 Comments