

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55444 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 10 2012

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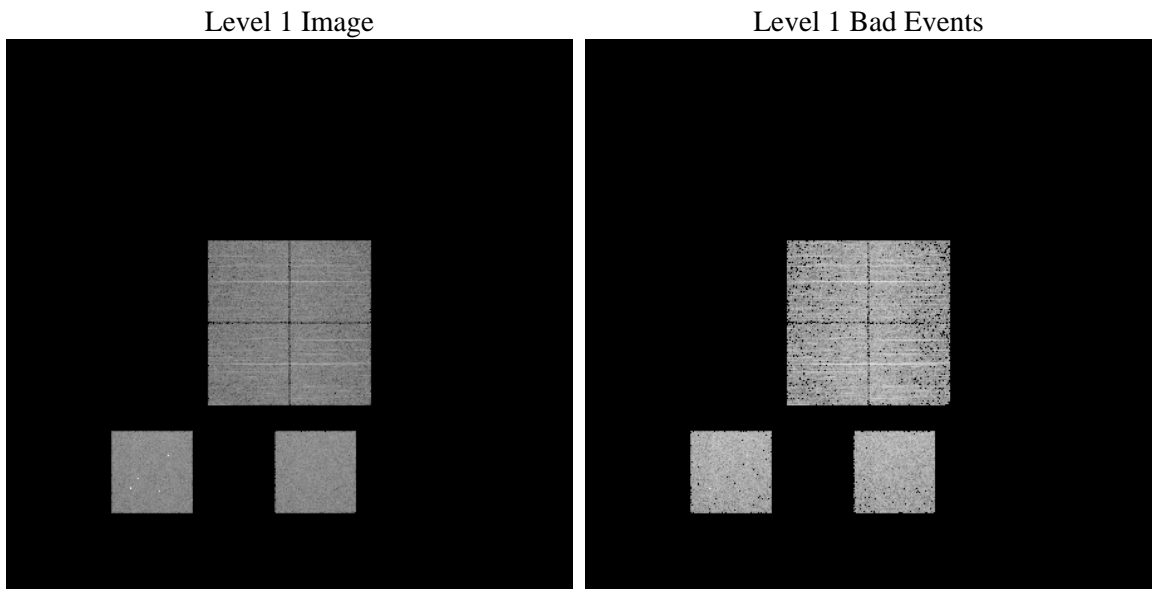
1 Front

seq_num	 	Sequence number
obs_id	55444	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	194.0262646137	Nominal RA [deg]
dec_nom	-36.015385705557	Nominal Dec [deg]
roll_nom	292.03458923483	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3231.4676762819	Sum of GTIs [s]
livetime	3190.5488868086	Livetime [s]
ontime0	3231.4266362786	Sum of GTIs [s]
ontime1	3231.3855962753	Sum of GTIs [s]
ontime2	3231.344556272	Sum of GTIs [s]
ontime3	3231.5087162852	Sum of GTIs [s]
ontime5	3231.3035162687	Sum of GTIs [s]
ontime7	3231.4676762819	Sum of GTIs [s]
l2events	135270	Number of level 2 events

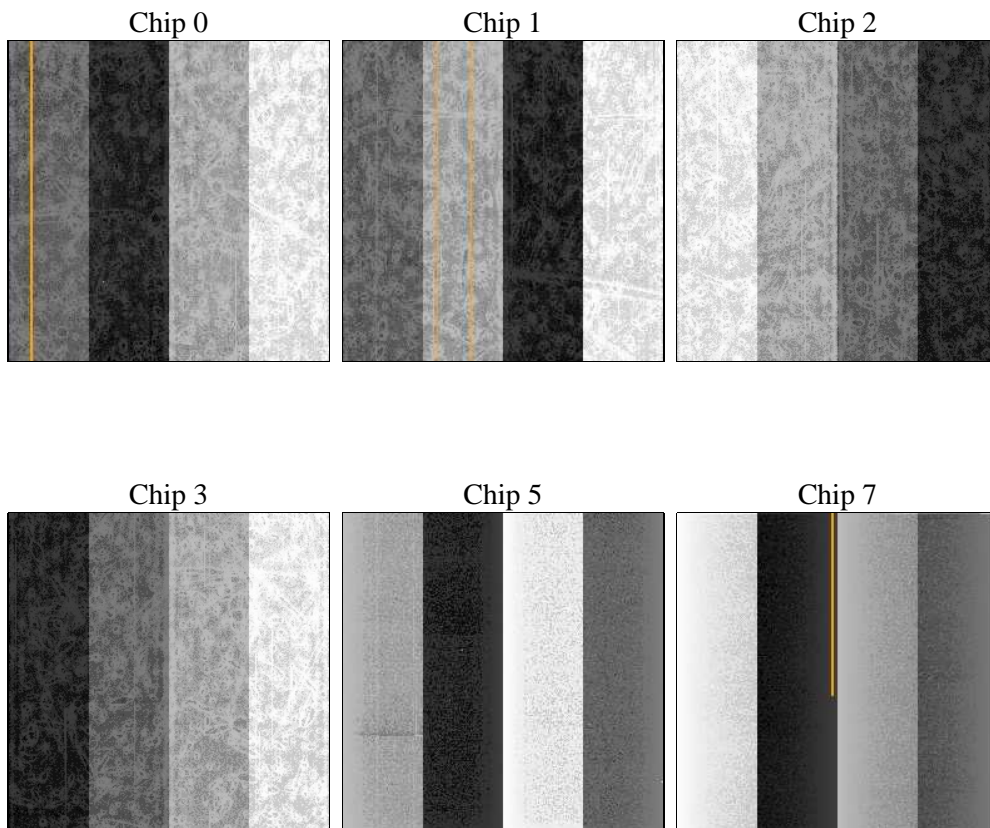
2 OBI

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	8.4.3	Processing system revision	ontime	3231.4676762819	Sum of GTIs [s]
caldsver	4.4.7	 	ontime0	3231.4266362786	Sum of GTIs [s]
date	2012-02-10T06:13:41	Date and time of file creation	ontime1	3231.3855962753	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3231.344556272	Sum of GTIs [s]
			ontime3	3231.5087162852	Sum of GTIs [s]
			ontime5	3231.3035162687	Sum of GTIs [s]
			ontime7	3231.4676762819	Sum of GTIs [s]
			l1events	285343	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	40283	41706	42280	44846	59512	56716
rejected events	20719	22049	22911	25051	25312	24852
rejected %	51%	52%	54%	55%	42%	43%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
grade 0 events	10349	10227	10644	10771	5797	5594
	25%	24%	25%	24%	9%	9%
grade 1 events	69	60	78	75	151	33
	0%	0%	0%	0%	0%	0%
grade 2 events	3710	3884	3539	3541	11994	7035
	9%	9%	8%	7%	20%	12%
grade 3 events	1402	1355	1313	1386	1293	2913
	3%	3%	3%	3%	2%	5%
grade 4 events	1293	1359	1348	1430	1346	2852
	3%	3%	3%	3%	2%	5%
grade 5 events	1371	1422	1314	1555	3092	3748
	3%	3%	3%	3%	5%	6%
grade 6 events	3151	3164	2866	2957	14355	13995
	7%	7%	6%	6%	24%	24%
grade 7 events	18938	20235	21178	23131	21484	20546
	47%	48%	50%	51%	36%	36%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012357	ACIS-012357
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	194.0262646136968
[deg] Pointing Dec	0	-36.01538570555739
[deg] Pointing Roll	0.0	292.0345892348347
[mm] SIM focus pos	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	421523706.6452	421523706.6452
Observation start date	2011-05-11T17:55:07	2011-05-11T17:55:06
[s] Observation end time (MET)	421528255.977917	421528255.977917
Observation end date	2011-05-11T19:10:56	2011-05-11T19:10:55
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2314676762819

A.2 Comments