

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 55914 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 5 2012

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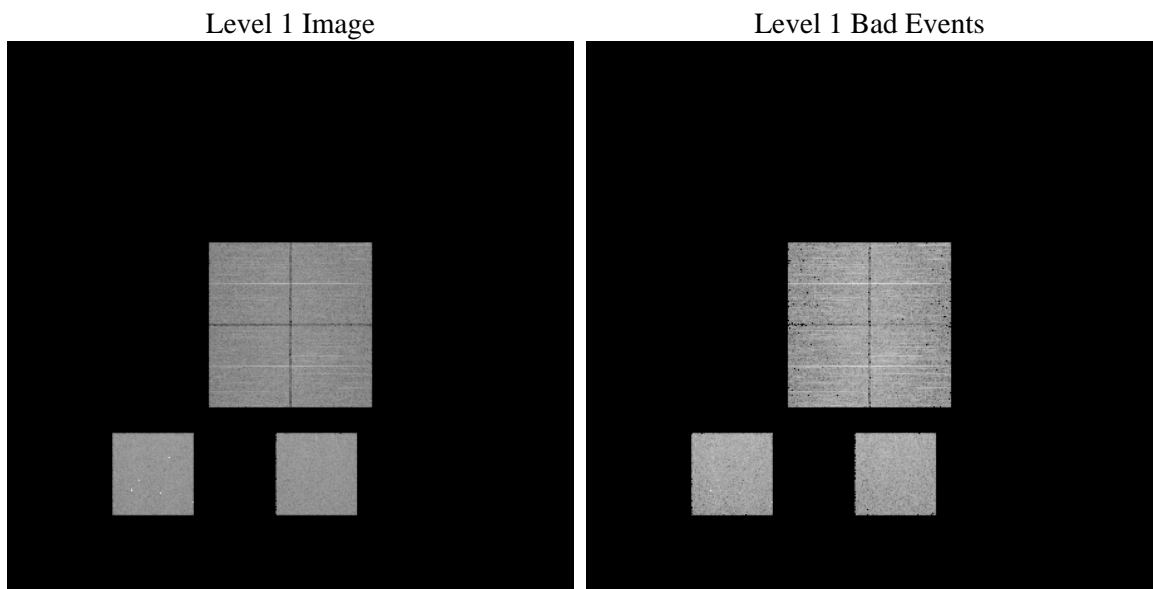
1 Front

seq_num	 	Sequence number
obs_id	55914	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	290.07100296135	Nominal RA [deg]
dec_nom	28.456765227348	Nominal Dec [deg]
roll_nom	290.42237382268	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4915.1999817491	Sum of GTIs [s]
livetime	4852.960760002	Livetime [s]
ontime0	4915.1999817491	Sum of GTIs [s]
ontime1	4915.1999817491	Sum of GTIs [s]
ontime2	4915.1999817491	Sum of GTIs [s]
ontime3	4915.1999817491	Sum of GTIs [s]
ontime5	4915.1717463136	Sum of GTIs [s]
ontime7	4915.1999817491	Sum of GTIs [s]
l2events	241395	Number of level 2 events

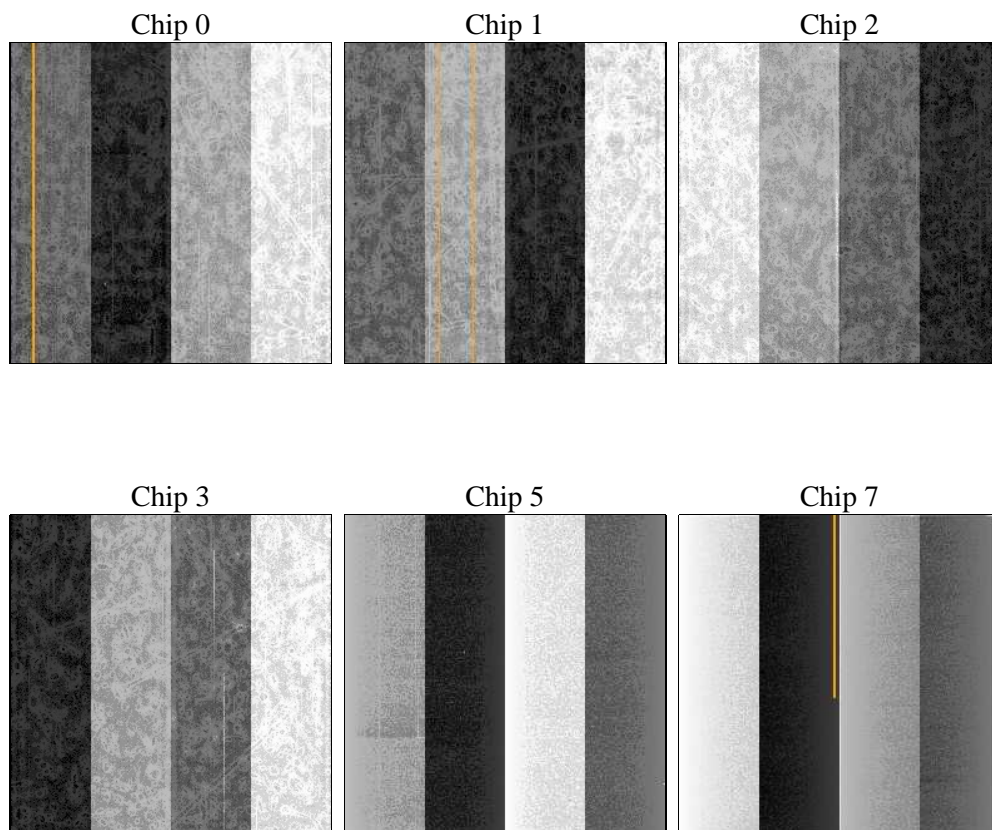
2 OBI

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	4915.1999817491	Sum of GTIs [s]
caldbver	4.5.0	 	ontime0	4915.1999817491	Sum of GTIs [s]
date	2012-07-06T00:07:01	Date and time of file creation	ontime1	4915.1999817491	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4915.1999817491	Sum of GTIs [s]
			ontime3	4915.1999817491	Sum of GTIs [s]
			ontime5	4915.1717463136	Sum of GTIs [s]
			ontime7	4915.1999817491	Sum of GTIs [s]
			l1events	498828	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	73485	73643	73878	76674	103407	97741	grade 0 events	19680	19394	19776	20136	9705	10270
rejected events	37908	37608	38712	41171	44789	42344		26%	26%	26%	26%	9%	10%
rejected %	51%	51%	52%	53%	43%	43%	grade 1 events	131	114	140	139	200	87
								0%	0%	0%	0%	0%	0%
							grade 2 events	6965	7506	6628	6584	21715	12757
								9%	10%	8%	8%	20%	13%
							grade 3 events	2513	2400	2522	2594	2499	5246
								3%	3%	3%	3%	2%	5%
							grade 4 events	2613	2516	2563	2532	2389	5203
								3%	3%	3%	3%	2%	5%
							grade 5 events	2322	2423	2211	2525	5253	6367
								3%	3%	2%	3%	5%	6%
							grade 6 events	5749	6190	5615	5600	25268	24770
								7%	8%	7%	7%	24%	25%
							grade 7 events	33512	33100	34423	36564	36378	33041
								45%	44%	46%	47%	35%	33%

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	290.0710029613538
[deg] Pointing Dec	0	28.45676522734829
[deg] Pointing Roll	0.0	290.422373822675
[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)	405072123.694286	405072123.694286
Observation start date	2010-11-02T08:02:04	2010-11-02T08:02:03
[s] Observation end time (MET)	405078545.619947	405078545.619947
Observation end date	2010-11-02T09:49:06	2010-11-02T09:49:05
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)	2012.07.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.9151999817491

A.2 Comments