

V&V Reference Report

L2 ASCDS Version : 10.2.1

Observation 52798 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : May 3 2014

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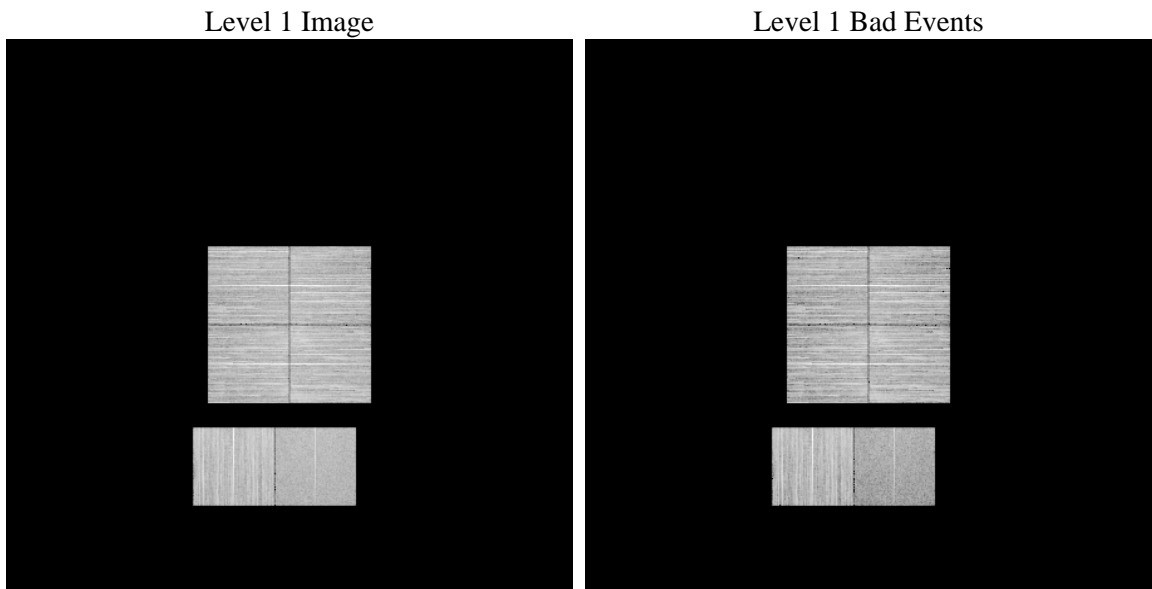
1 Front

seq_num	 	Sequence number
obs_id	52798	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	73.537800397927	Nominal RA [deg]
dec_nom	50.001095465925	Nominal Dec [deg]
roll_nom	308.43142568198	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8102.3999698758	Sum of GTIs [s]
livetime	7999.8025027777	Livetime [s]
ontime0	8102.3999698758	Sum of GTIs [s]
ontime1	8099.1589595675	Sum of GTIs [s]
ontime2	8102.3999698758	Sum of GTIs [s]
ontime3	8099.1589496136	Sum of GTIs [s]
ontime6	8102.3999698758	Sum of GTIs [s]
ontime7	8102.3999698758	Sum of GTIs [s]
l2events	171933	Number of level 2 events

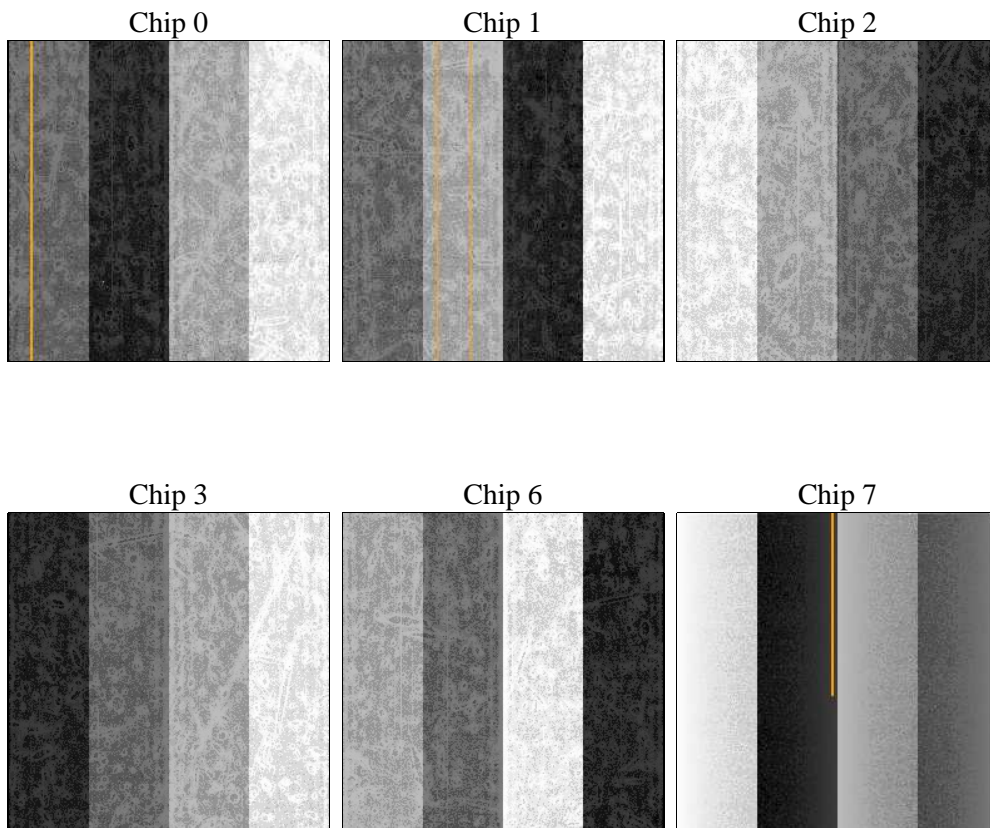
2 OBI

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	10.2.1	Processing system revision	ontime	8102.3999698758	Sum of GTIs [s]
caldsver	4.6.1	 	ontime0	8102.3999698758	Sum of GTIs [s]
date	2014-05-03T14:16:39	Date and time of file creation	ontime1	8099.1589595675	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8102.3999698758	Sum of GTIs [s]
			ontime3	8099.1589496136	Sum of GTIs [s]
			ontime6	8102.3999698758	Sum of GTIs [s]
			ontime7	8102.3999698758	Sum of GTIs [s]
			l1events	879333	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	142735	146343	146363	159670	164612	119610	grade 0 events	13025	12616	13590	13536	13153	6899
rejected events	116640	120081	120473	133432	137587	68557		9%	8%	9%	8%	7%	5%
rejected %	81%	82%	82%	83%	83%	57%	grade 1 events	86	60	84	67	68	72
								0%	0%	0%	0%	0%	0%
							grade 2 events	5738	6123	5294	5343	6263	12762
								4%	4%	3%	3%	3%	10%
							grade 3 events	1867	1700	1796	1869	1691	4121
								1%	1%	1%	1%	1%	3%
							grade 4 events	1757	1771	1773	1922	1737	4118
								1%	1%	1%	1%	1%	3%
							grade 5 events	2818	2809	2540	3048	2904	7296
								1%	1%	1%	1%	1%	6%
							grade 6 events	4315	4623	4084	4166	4821	24351
								3%	3%	2%	2%	2%	20%
							grade 7 events	113129	116641	117202	129719	133975	59991
								79%	79%	80%	81%	81%	50%

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	73.53780039792679
[deg] Pointing Dec	0	50.0010954659253
[deg] Pointing Roll	0.0	308.4314256819841
SIM focus pos (mm)	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	515434353.572993	515434353.572993
Observation start date	2014-05-02T16:12:34	2014-05-02T16:12:33
[s] Observation end time (MET)	515442786.292949	515442786.292949
Observation end date	2014-05-02T18:33:06	2014-05-02T18:33:06
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)	2014.05.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1023999698758

A.2 Comments