

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55180 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 23 2012

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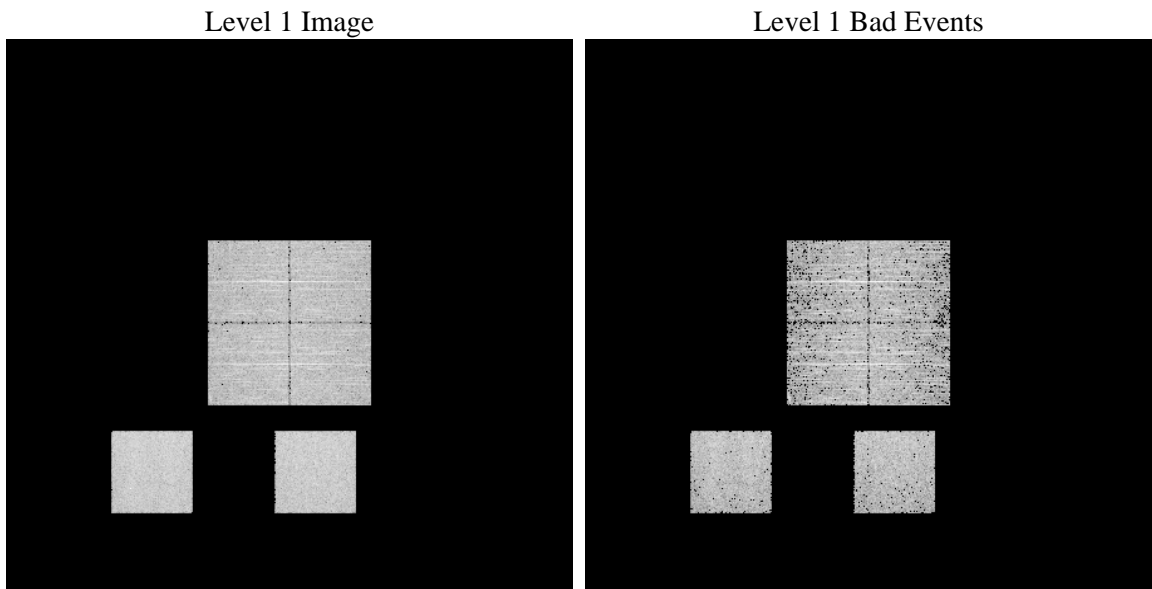
1 Front

seq_num	 	Sequence number
obs_id	55180	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	331.02462944743	Nominal RA [deg]
dec_nom	-8.024199917003	Nominal Dec [deg]
roll_nom	282.7880487015	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3283.1999878287	Sum of GTIs [s]
livetime	3241.6261326772	Livetime [s]
ontime0	3283.1999878287	Sum of GTIs [s]
ontime1	3283.1999878287	Sum of GTIs [s]
ontime2	3283.1999878287	Sum of GTIs [s]
ontime3	3283.1999878287	Sum of GTIs [s]
ontime5	3283.1999878287	Sum of GTIs [s]
ontime7	3283.1999878287	Sum of GTIs [s]
l2events	121594	Number of level 2 events

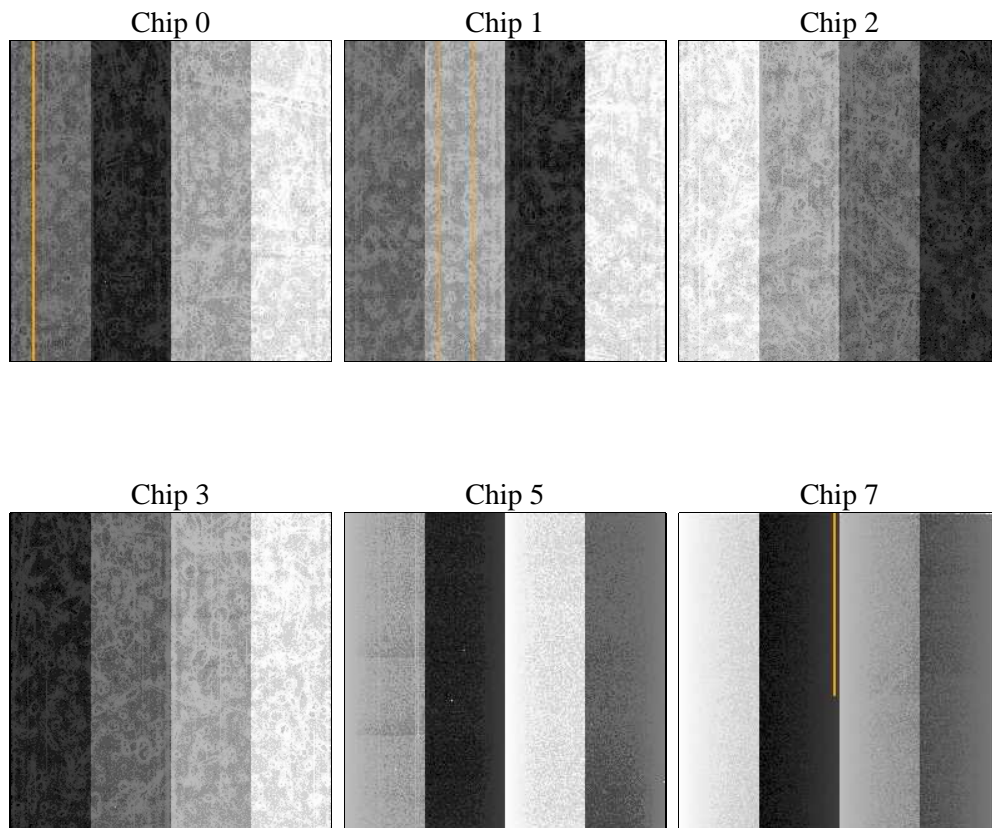
2 OBI

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	3283.1999878287	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	3283.1999878287	Sum of GTIs [s]
date	2012-02-23T05:18:12	Date and time of file creation	ontime1	3283.1999878287	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3283.1999878287	Sum of GTIs [s]
			ontime3	3283.1999878287	Sum of GTIs [s]
			ontime5	3283.1999878287	Sum of GTIs [s]
			ontime7	3283.1999878287	Sum of GTIs [s]
			l1events	255323	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	37126	37955	39224	39095	51665	50258	grade 0 events	8950	8209	9521	9478	2482	4376
rejected events	19482	20131	21795	21369	23052	22015		24%	21%	24%	24%	4%	8%
rejected %	52%	53%	55%	54%	44%	43%	grade 1 events	41	47	53	63	64	24
								0%	0%	0%	0%	0%	0%
							grade 2 events	3588	4555	2894	3194	10635	6282
								9%	12%	7%	8%	20%	12%
							grade 3 events	1168	1065	1178	1169	948	2241
								3%	2%	3%	2%	1%	4%
							grade 4 events	1093	984	1146	1143	902	2244
								2%	2%	2%	2%	1%	4%
							grade 5 events	1138	1048	1059	1251	2416	3103
								3%	2%	2%	3%	4%	6%
							grade 6 events	2869	3032	2711	2757	13673	13127
								7%	7%	6%	7%	26%	26%
							grade 7 events	18279	19015	20662	20040	20545	18861
								49%	50%	52%	51%	39%	37%

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	331.0246294474317	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-8.024199917002985	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	282.7880487014974	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	432747709.009014	432747707.98402			
Observation start date	2011-09-18T15:41:49	2011-09-18T15:41:47			
[s] Observation end time (MET)	432754570.359374	432754569.33438			
Observation end date	2011-09-18T17:36:10	2011-09-18T17:36:09			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2831999878287

A.2 Comments