

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 55948 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 5 2012

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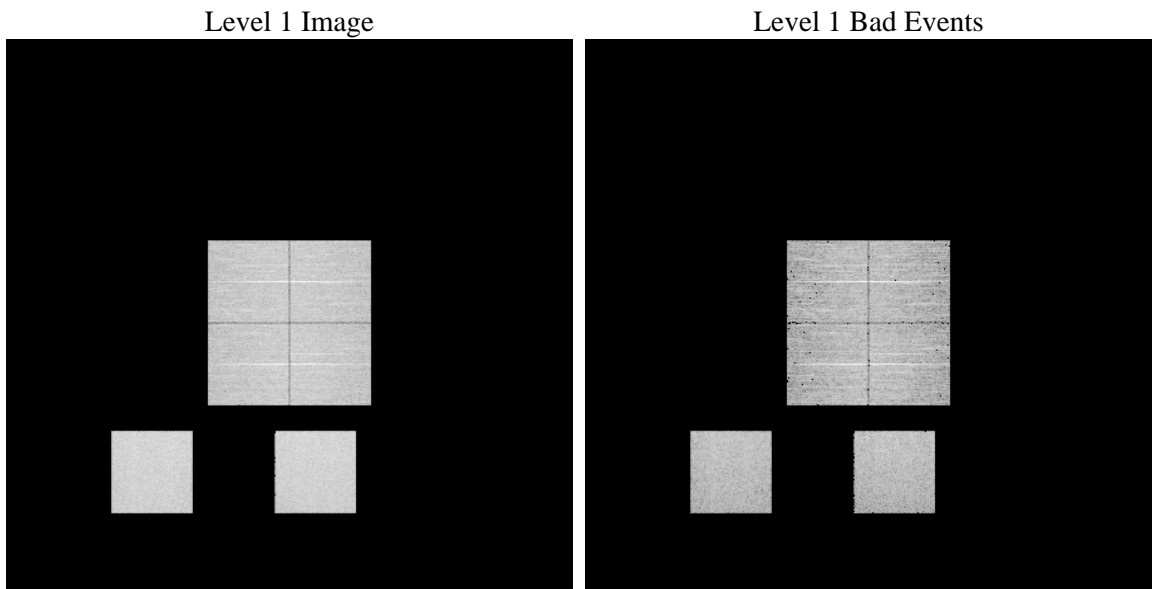
1 Front

seq_num	 	Sequence number
obs_id	55948	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	40.509567210631	Nominal RA [deg]
dec_nom	-9.9728508998053	Nominal Dec [deg]
roll_nom	38.218804912601	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6147.1436499953	Sum of GTIs [s]
livetime	6069.3048157336	Livetime [s]
ontime0	6147.1846801043	Sum of GTIs [s]
ontime1	6147.1999771595	Sum of GTIs [s]
ontime2	6147.1999771595	Sum of GTIs [s]
ontime3	6147.102609992	Sum of GTIs [s]
ontime5	6147.1999771595	Sum of GTIs [s]
ontime7	6147.1436499953	Sum of GTIs [s]
l2events	289888	Number of level 2 events

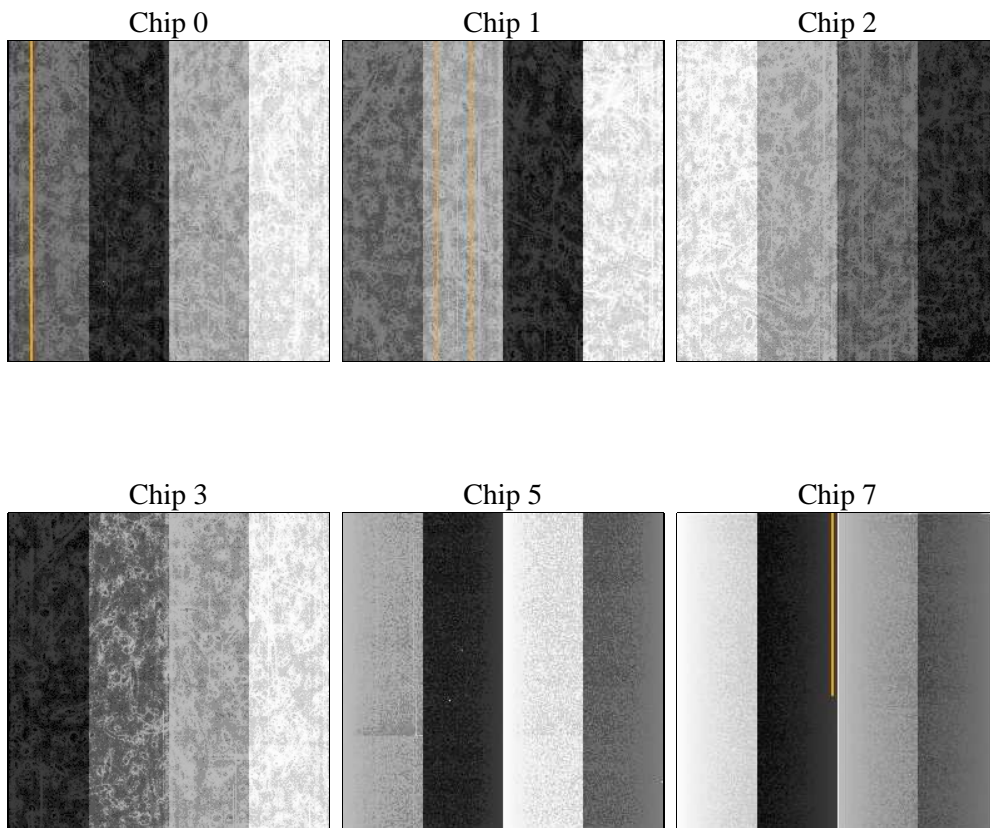
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	6147.1436499953	Sum of GTIs [s]
caldsver	4.5.0	 	ontime0	6147.1846801043	Sum of GTIs [s]
date	2012-07-05T08:04:49	Date and time of file creation	ontime1	6147.1999771595	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	6147.1999771595	Sum of GTIs [s]
			ontime3	6147.102609992	Sum of GTIs [s]
			ontime5	6147.1999771595	Sum of GTIs [s]
			ontime7	6147.1436499953	Sum of GTIs [s]
			l1events	591571	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	89637	88575	88941	91500	117256	115662	grade 0 events	22434	21738	22730	22749	7380	11164
rejected events	47340	46008	46773	49320	49601	48562		25%	24%	25%	24%	6%	9%
rejected %	52%	51%	52%	53%	42%	41%	grade 1 events	162	129	168	167	137	83
								0%	0%	0%	0%	0%	0%
							grade 2 events	7818	8317	7444	7435	24826	14969
								8%	9%	8%	8%	21%	12%
							grade 3 events	2897	2788	2850	2908	2598	5932
								3%	3%	3%	3%	2%	5%
							grade 4 events	2798	2911	2927	2890	2514	5854
								3%	3%	3%	3%	2%	5%
							grade 5 events	2809	2934	2579	3061	6026	7510
								3%	3%	2%	3%	5%	6%
							grade 6 events	6350	6813	6217	6198	30337	29181
								7%	7%	6%	6%	25%	25%
							grade 7 events	44369	42945	44026	46092	43438	40969
								49%	48%	49%	50%	37%	35%

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	40.50956721063066	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-9.972850899805266	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	38.2188049126011	[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	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	403961888.737149	403961887.71215			
Observation start date	2010-10-20T11:38:09	2010-10-20T11:38:07			
[s] Observation end time (MET)	403969937.037563	403969936.01256			
Observation end date	2010-10-20T13:52:17	2010-10-20T13:52:16			
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)	2012.07.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.1471436499953

A.2 Comments