

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56195 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 28 2012

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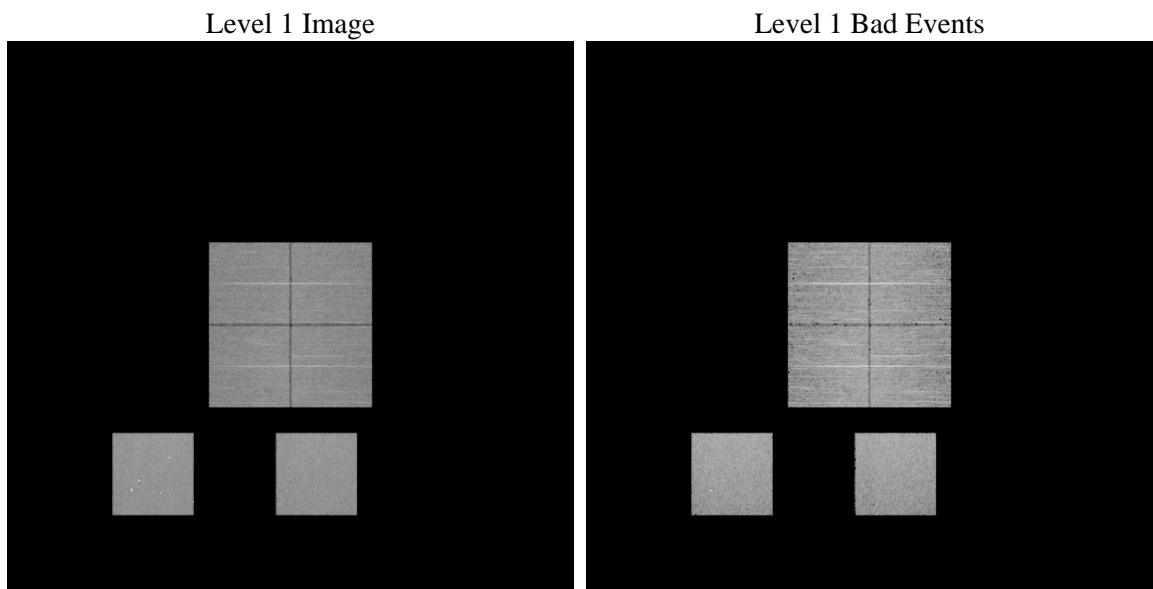
1 Front

seq_num	 	Sequence number
obs_id	56195	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	306.87298424834	Nominal RA [deg]
dec_nom	-21.00467785721	Nominal Dec [deg]
roll_nom	83.500541803152	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8228.9580679536	Sum of GTIs [s]
livetime	8124.7580460135	Livetime [s]
ontime0	8228.9170279503	Sum of GTIs [s]
ontime1	8228.875987947	Sum of GTIs [s]
ontime2	8228.8349479437	Sum of GTIs [s]
ontime3	8228.9991079569	Sum of GTIs [s]
ontime5	8228.7939079404	Sum of GTIs [s]
ontime7	8228.9580679536	Sum of GTIs [s]
l2events	421731	Number of level 2 events

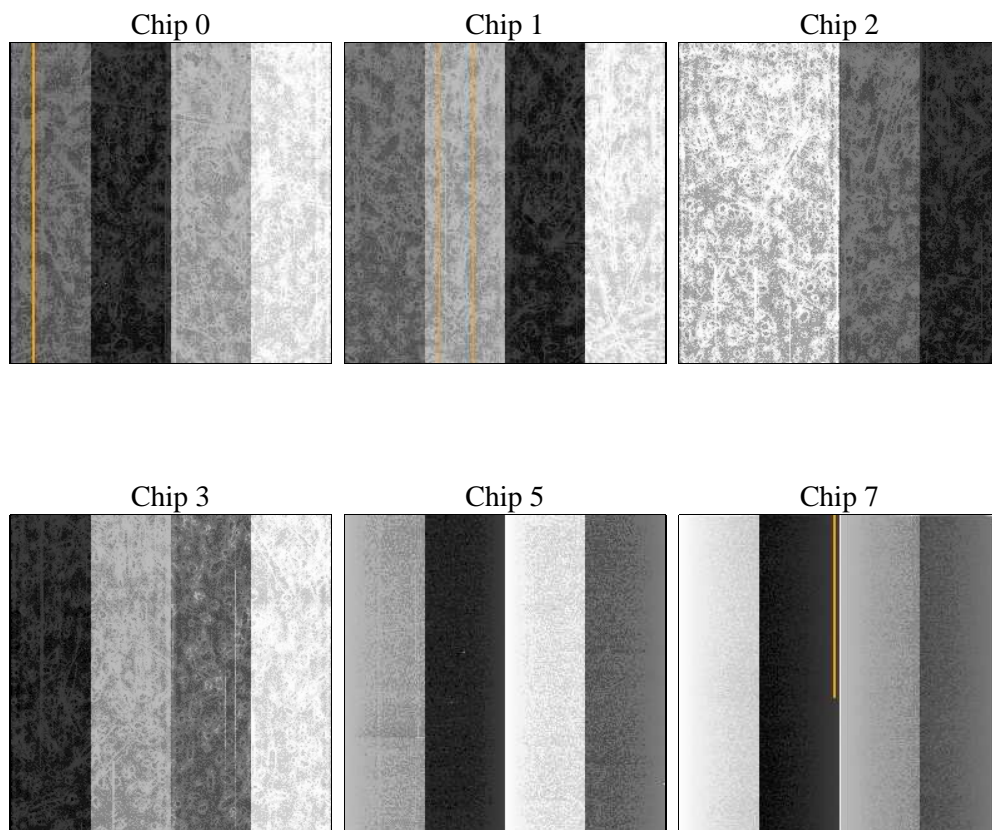
2 OBI

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	8228.9580679536	Sum of GTIs [s]
caldsver	4.5.0	 	ontime0	8228.9170279503	Sum of GTIs [s]
date	2012-06-28T09:34:44	Date and time of file creation	ontime1	8228.875987947	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8228.8349479437	Sum of GTIs [s]
			ontime3	8228.9991079569	Sum of GTIs [s]
			ontime5	8228.7939079404	Sum of GTIs [s]
			ontime7	8228.9580679536	Sum of GTIs [s]
			l1events	841461	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	123479	124498	129177	129154	171580	163573	grade 0 events	33001	32561	33684	34035	16563	17027
rejected events	61727	62402	67090	66898	69272	67069		26%	26%	26%	26%	9%	10%
rejected %	49%	50%	51%	51%	40%	41%	grade 1 events	228	225	235	242	186	142
								0%	0%	0%	0%	0%	0%
							grade 2 events	11354	11911	10934	11058	35639	21188
								9%	9%	8%	8%	20%	12%
							grade 3 events	4247	4151	4253	4332	4601	8971
								3%	3%	3%	3%	2%	5%
							grade 4 events	4102	4175	4375	4215	4228	8790
								3%	3%	3%	3%	2%	5%
							grade 5 events	3873	4011	3638	4300	9325	10669
								3%	3%	2%	3%	5%	6%
							grade 6 events	9427	9694	9229	9053	41954	41176
								7%	7%	7%	7%	24%	25%
							grade 7 events	57247	57770	62829	61919	59084	55610
								46%	46%	48%	47%	34%	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	306.8729842483412
[deg] Pointing Dec	0	-21.00467785721026
[deg] Pointing Roll	0.0	83.50054180315189
[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)	392729509.711923	392729509.711923
Observation start date	2010-06-12T11:31:50	2010-06-12T11:31:49
[s] Observation end time (MET)	392739057.53803	392739057.53803
Observation end date	2010-06-12T14:10:58	2010-06-12T14:10:57
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)	2012.07.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2289580679536

A.2 Comments