

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60555 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 4 2012

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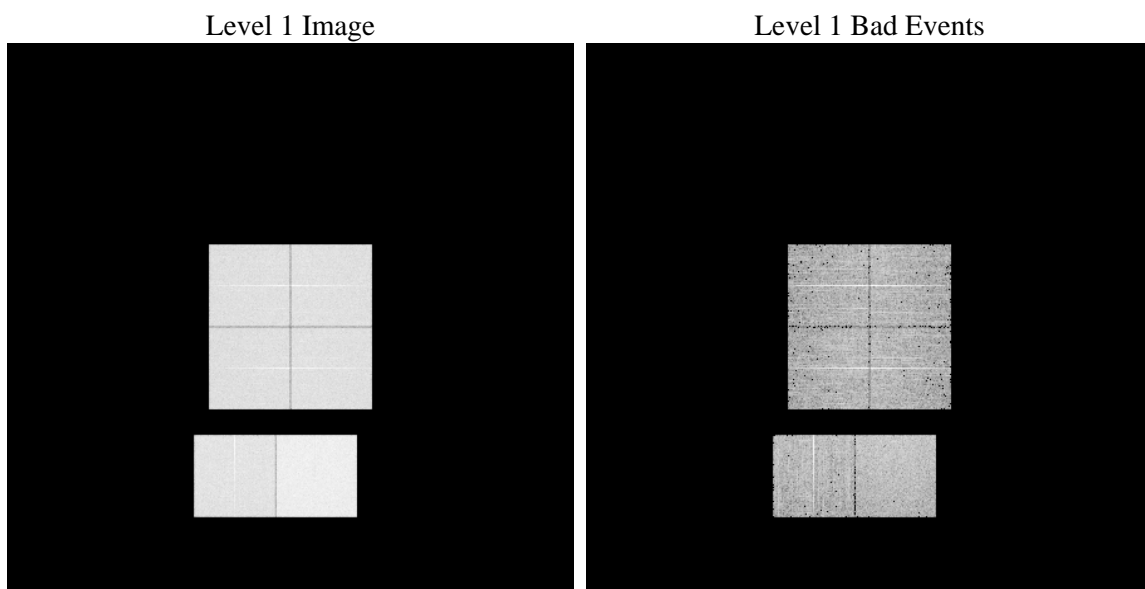
1 Front

seq_num	 	Sequence number
obs_id	60555	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	217.04488421805	Nominal RA [deg]
dec_nom	52.990578046364	Nominal Dec [deg]
roll_nom	307.90089553745	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7804.7999709249	Sum of GTIs [s]
livetime	7705.9708942067	Livetime [s]
ontime0	4945.5265100598	Sum of GTIs [s]
ontime1	5081.6891467869	Sum of GTIs [s]
ontime2	4757.6333922446	Sum of GTIs [s]
ontime3	4926.0000028908	Sum of GTIs [s]
ontime6	5280.0897502601	Sum of GTIs [s]
ontime7	7804.7999709249	Sum of GTIs [s]
l2events	1163131	Number of level 2 events

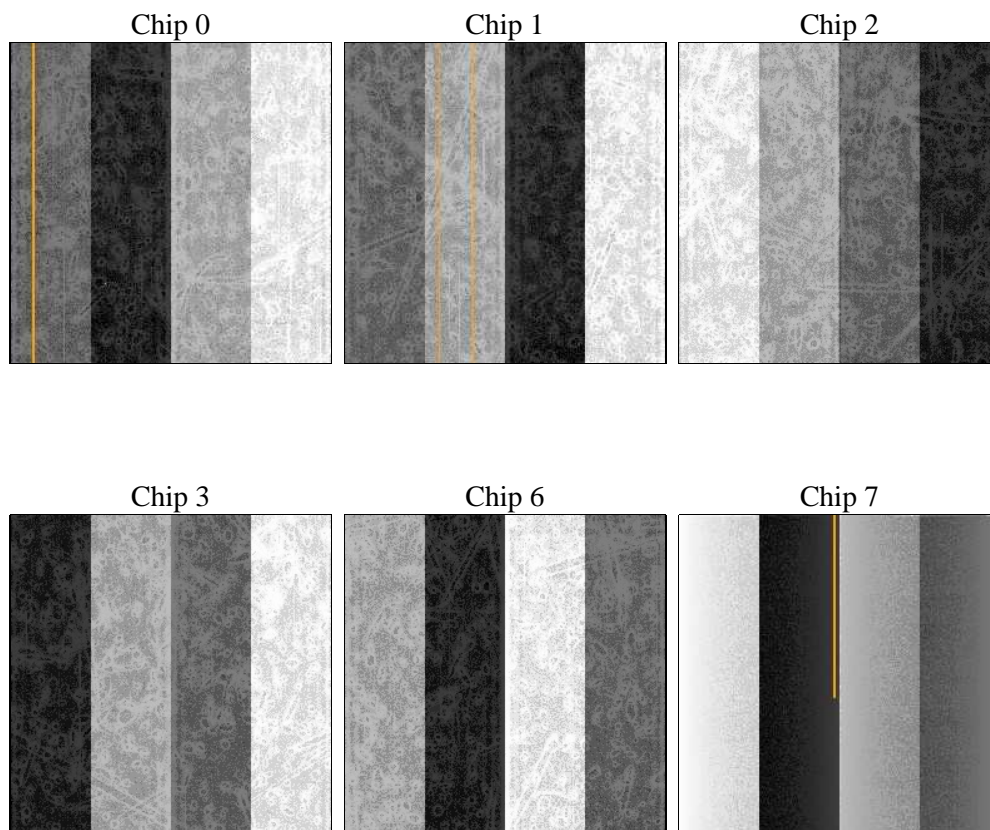
2 OBI

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	7804.7999709249	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	4945.5265100598	Sum of GTIs [s]
date	2012-11-04T03:17:33	Date and time of file creation	ontime1	5081.6891467869	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4757.6333922446	Sum of GTIs [s]
			ontime3	4926.0000028908	Sum of GTIs [s]
			ontime6	5280.0897502601	Sum of GTIs [s]
			ontime7	7804.7999709249	Sum of GTIs [s]
			l1events	1421333	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	209118	214828	205387	213828	236454	341718	grade 0 events	98397	100672	97193	102029	109572	75104
rejected events	30788	31733	31942	32006	35647	41314		47%	46%	47%	47%	46%	21%
rejected %	14%	14%	15%	14%	15%	12%	grade 1 events	539	504	561	553	529	195
								0%	0%	0%	0%	0%	0%
							grade 2 events	30917	32420	29514	31436	34738	66577
								14%	15%	14%	14%	14%	19%
							grade 3 events	11561	11506	11349	11798	12559	30432
								5%	5%	5%	5%	5%	8%
							grade 4 events	11517	11739	11149	11862	12585	30004
								5%	5%	5%	5%	5%	8%
							grade 5 events	2114	2241	2040	2280	2485	7933
								1%	1%	0%	1%	1%	2%
							grade 6 events	25938	26758	24240	24697	31478	98399
								12%	12%	11%	11%	13%	28%
							grade 7 events	28135	28988	29341	29173	32508	33074
								13%	13%	14%	13%	13%	9%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	217.0448842180468	Alternating exposures requested	N	N
[deg] Pointing Dec	0	52.99057804636425	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	307.9008955374518			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	180022613.534251	180022612.50952			
Observation start date	2003-09-15T14:16:54	2003-09-15T14:16:52			
[s] Observation end time (MET)	180037406.334886	180037405.31016			
Observation end date	2003-09-15T18:23:26	2003-09-15T18:23:25			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8047999709249

A.2 Comments