

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56039 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 2 2012

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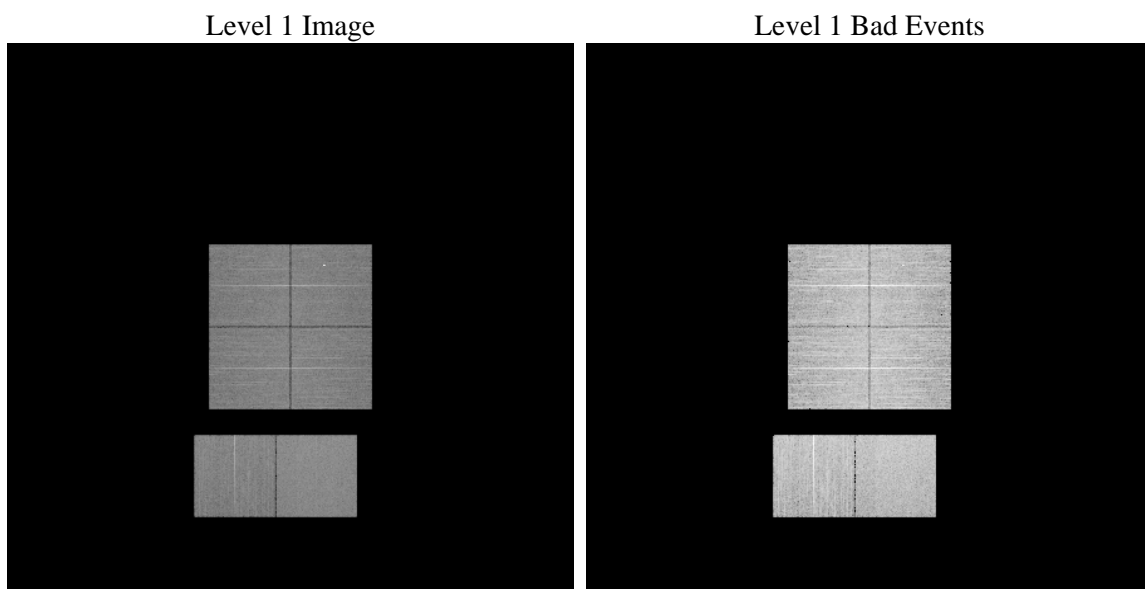
1 Front

seq_num	 	Sequence number
obs_id	56039	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	0.87196346315847	Nominal RA [deg]
dec_nom	-26.802452466624	Nominal Dec [deg]
roll_nom	34.684102139884	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8236.0134552717	Sum of GTIs [s]
livetime	8131.7240937691	Livetime [s]
ontime0	8235.9724152684	Sum of GTIs [s]
ontime1	8235.9313752651	Sum of GTIs [s]
ontime2	8235.8903352618	Sum of GTIs [s]
ontime3	8236.054495275	Sum of GTIs [s]
ontime6	8235.8492952585	Sum of GTIs [s]
ontime7	8236.0134552717	Sum of GTIs [s]
l2events	367921	Number of level 2 events

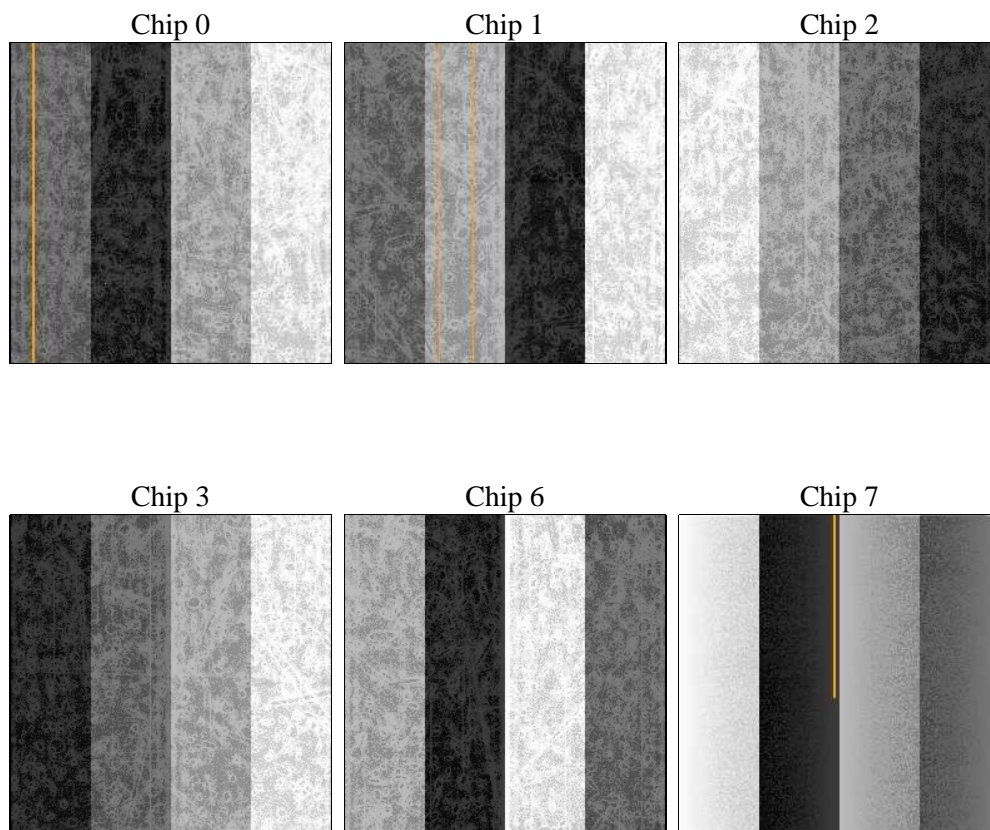
2 OBI

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	8236.0134552717	Sum of GTIs [s]
caldsver	4.5.0	 	ontime0	8235.9724152684	Sum of GTIs [s]
date	2012-07-02T20:27:51	Date and time of file creation	ontime1	8235.9313752651	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8235.8903352618	Sum of GTIs [s]
			ontime3	8236.054495275	Sum of GTIs [s]
			ontime6	8235.8492952585	Sum of GTIs [s]
			ontime7	8236.0134552717	Sum of GTIs [s]
			l1events	785576	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	122403	123496	124818	127635	128307	158917	grade 0 events	31857	30720	31764	32496	32117	16059
rejected events	63130	61415	66365	68179	67355	66610		26%	24%	25%	25%	25%	10%
rejected %	51%	49%	53%	53%	52%	41%	grade 1 events	204	158	249	232	213	132
								0%	0%	0%	0%	0%	0%
							grade 2 events	10731	14403	10486	10497	10873	20245
								8%	11%	8%	8%	8%	12%
							grade 3 events	4160	4053	3952	4094	4027	8383
								3%	3%	3%	3%	3%	5%
							grade 4 events	3897	4023	3955	4126	3995	8398
								3%	3%	3%	3%	3%	5%
							grade 5 events	3921	3933	3544	4316	4065	10674
								3%	3%	2%	3%	3%	6%
							grade 6 events	8990	9280	8685	8630	10365	39797
								7%	7%	6%	6%	8%	25%
							grade 7 events	58643	56926	62183	63244	62652	55229
								47%	46%	49%	49%	48%	34%

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	0.8719634631584725
[deg] Pointing Dec	0	-26.80245246662373
[deg] Pointing Roll	0.0	34.68410213988366
[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)	400270970.1476	400270970.1476
Observation start date	2010-09-07T18:22:50	2010-09-07T18:22:50
[s] Observation end time (MET)	400281055.037688	400281055.037688
Observation end date	2010-09-07T21:10:55	2010-09-07T21:10:55
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2360134552717

A.2 Comments