

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58156 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 3 2012

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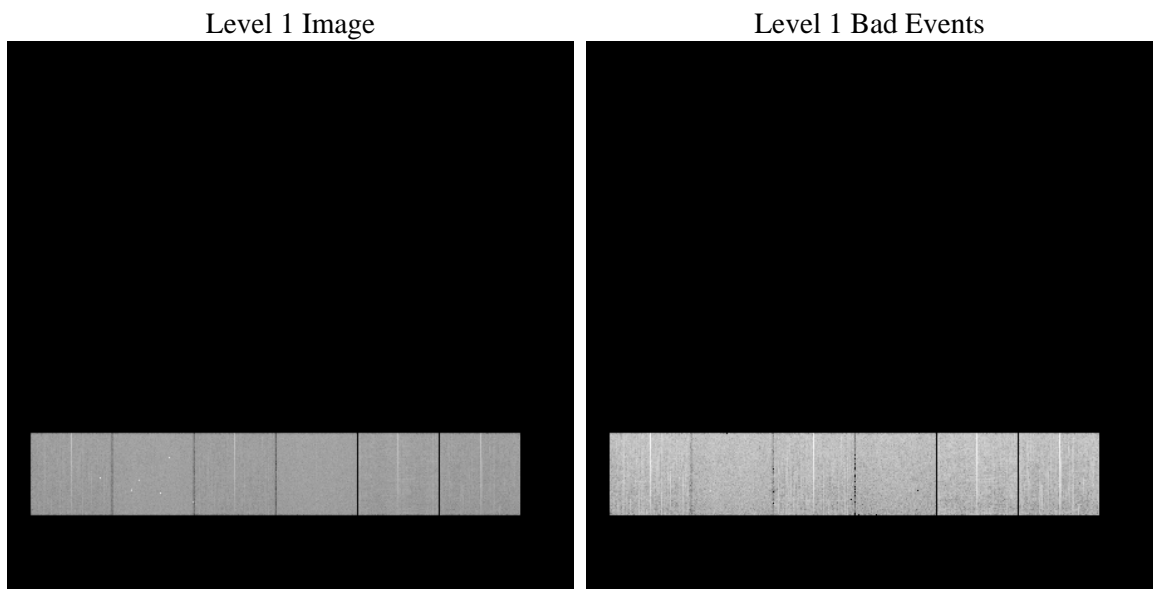
1 Front

seq_num	 	Sequence number
obs_id	58156	Observation id
title	ACIS-456789 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	265.01673041746	Nominal RA [deg]
dec_nom	-20.02396868247	Nominal Dec [deg]
roll_nom	270.42652527927	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7765.0051762462	Sum of GTIs [s]
livetime	7666.6800051798	Livetime [s]
ontime4	7764.8820562363	Sum of GTIs [s]
ontime5	7764.9641362429	Sum of GTIs [s]
ontime6	7764.9230962396	Sum of GTIs [s]
ontime7	7765.0051762462	Sum of GTIs [s]
ontime8	7764.841016233	Sum of GTIs [s]
ontime9	7765.0462162495	Sum of GTIs [s]
l2events	678652	Number of level 2 events

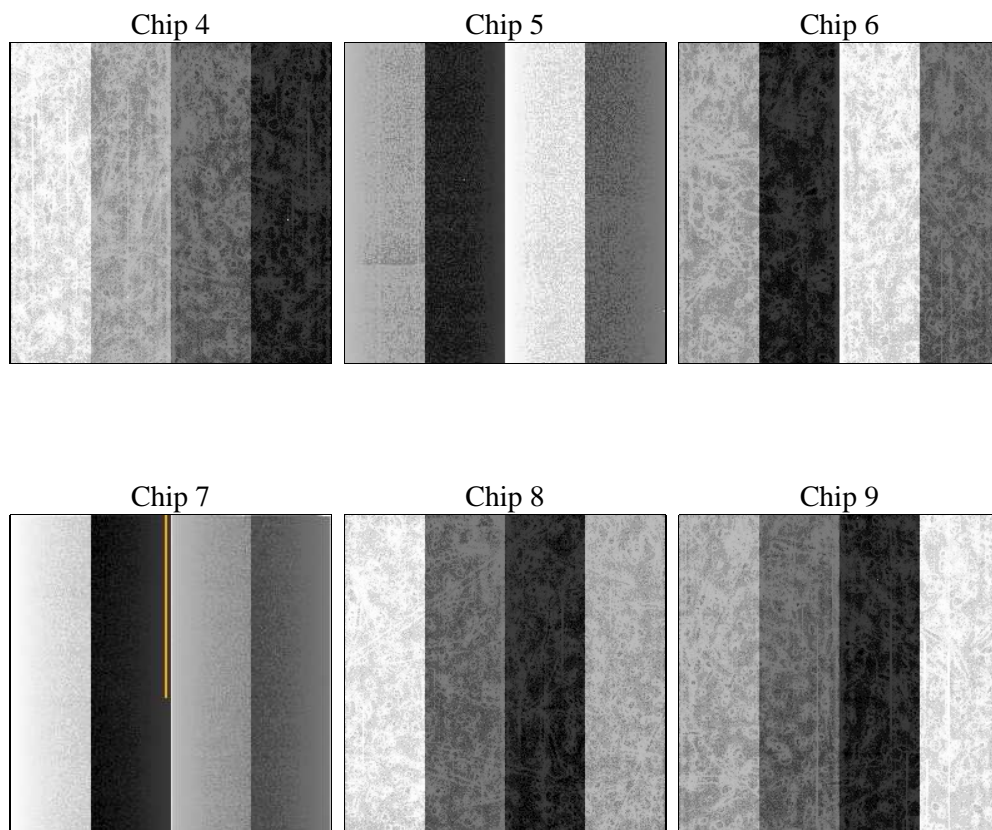
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	6420	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	7765.0051762462	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7764.8820562363	Sum of GTIs [s]
date	2012-05-03T14:54:44	Date and time of file creation	ontime5	7764.9641362429	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	7764.9230962396	Sum of GTIs [s]
			ontime7	7765.0051762462	Sum of GTIs [s]
			ontime8	7764.841016233	Sum of GTIs [s]
			ontime9	7765.0462162495	Sum of GTIs [s]
			l1events	1162082	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	184349	203290	186315	202954	201930	183244	grade 0 events	61656	25154	60436	29496	63697	59103
rejected events	77611	66163	72988	61501	77406	74062		33%	12%	32%	14%	31%	32%
rejected %	42%	32%	39%	30%	38%	40%	grade 1 events	608	216	388	145	480	438
								0%	0%	0%	0%	0%	0%
							grade 2 events	17091	48327	20154	30679	23007	19089
								9%	23%	10%	15%	11%	10%
							grade 3 events	7273	6928	7221	13730	8685	7225
								3%	3%	3%	6%	4%	3%
							grade 4 events	7243	7002	7224	13584	8607	7079
								3%	3%	3%	6%	4%	3%
							grade 5 events	3934	9338	4173	10176	5098	4519
								2%	4%	2%	5%	2%	2%
							grade 6 events	13877	50247	18705	54449	21051	17096
								7%	24%	10%	26%	10%	9%
							grade 7 events	72667	56078	68014	50695	71305	68695
								39%	27%	36%	24%	35%	37%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	265.0167304578134	265.0167304174562
[deg] Pointing Dec	-20.02396860953429	-20.02396868247044
[deg] Pointing Roll	270.4265252949829	270.4265252792666
[mm] SIM focus pos	-1.0388663562	-1.0388663562
[mm] SIM defocus	0.4944702069557434	0.4944702069557434
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	309560210.926812	309560210.926812
Observation start date	2007-10-23T21:09:00	2007-10-23T20:56:50
[s] Observation end time (MET)	309569730.104262	309569730.104262
Observation end date	2007-10-23T22:56:00	2007-10-23T23:35:30
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)	2012.05.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7650051762462

A.2 Comments