

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58356 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 26 2012

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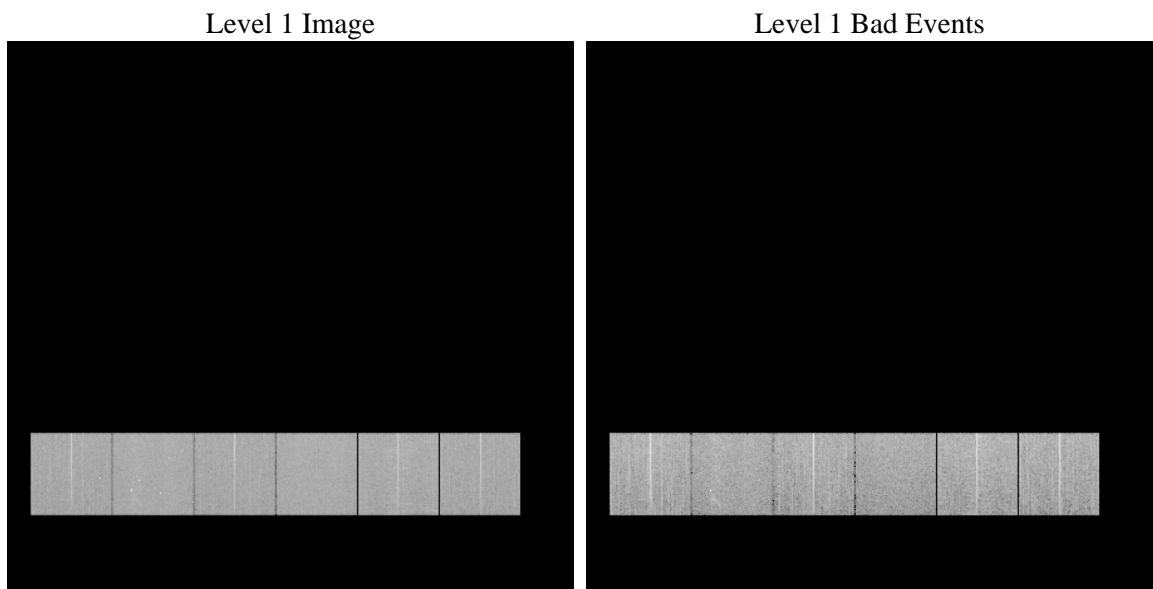
1 Front

seq_num	 	Sequence number
obs_id	58356	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	263.53919009806	Nominal RA [deg]
dec_nom	-51.982942154423	Nominal Dec [deg]
roll_nom	357.81190781908	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8204.7999694943	Sum of GTIs [s]
livetime	8100.9058519432	Livetime [s]
ontime4	8204.7999694943	Sum of GTIs [s]
ontime5	8204.7999694943	Sum of GTIs [s]
ontime6	8204.7999694943	Sum of GTIs [s]
ontime7	8204.7999694943	Sum of GTIs [s]
ontime8	8204.7882296443	Sum of GTIs [s]
ontime9	8204.7999694943	Sum of GTIs [s]
l2events	741761	Number of level 2 events

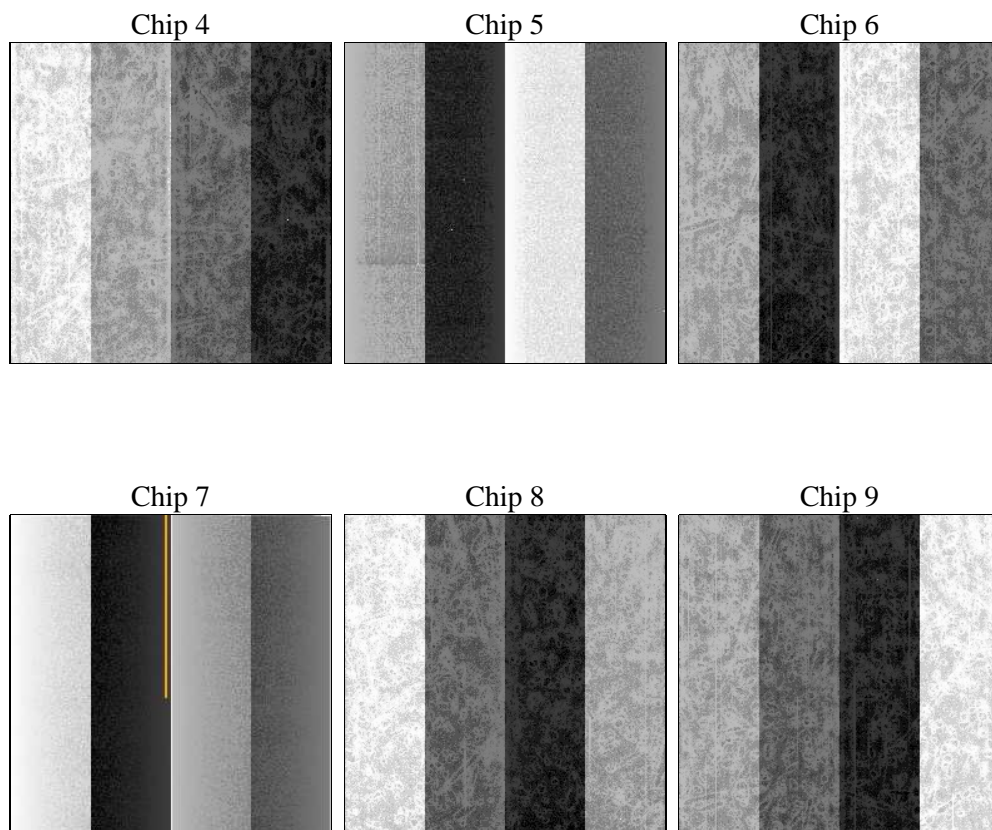
2 OBI

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	8.4.4	Processing system revision	ontime	8204.7999694943	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8204.7999694943	Sum of GTIs [s]
date	2012-04-26T13:37:09	Date and time of file creation	ontime5	8204.7999694943	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8204.7999694943	Sum of GTIs [s]
			ontime7	8204.7999694943	Sum of GTIs [s]
			ontime8	8204.7882296443	Sum of GTIs [s]
			ontime9	8204.7999694943	Sum of GTIs [s]
			l1events	1273048	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	204618	218880	204094	220386	222277	202793	grade 0 events	68213	21736	66440	32045	71856	66478
rejected events	88512	73146	79891	66600	85149	82097		33%	9%	32%	14%	32%	32%
rejected %	43%	33%	39%	30%	38%	40%	grade 1 events	682	279	350	160	495	474
								0%	0%	0%	0%	0%	0%
							grade 2 events	17627	56405	22747	33648	24921	20550
								8%	25%	11%	15%	11%	10%
							grade 3 events	8035	6644	7584	14370	9383	7816
								3%	3%	3%	6%	4%	3%
							grade 4 events	8032	5982	7611	14534	9284	8032
								3%	2%	3%	6%	4%	3%
							grade 5 events	4137	9284	4158	10568	5467	4555
								2%	4%	2%	4%	2%	2%
							grade 6 events	15130	56084	20795	60417	22745	18800
								7%	25%	10%	27%	10%	9%
							grade 7 events	82762	62466	74409	54644	78126	76088
								40%	28%	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	0	263.5391900980562
[deg] Pointing Dec	0	-51.98294215442286
[deg] Pointing Roll	0.0	357.8119078190818
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	298401754.94079	298401753.91579
Observation start date	2007-06-16T17:22:35	2007-06-16T17:22:33
[s] Observation end time (MET)	298425249.991913	298425248.96692
Observation end date	2007-06-16T23:54:10	2007-06-16T23:54:08
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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)	2012.04.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2047999694943

A.2 Comments