

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61958 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 1 2012

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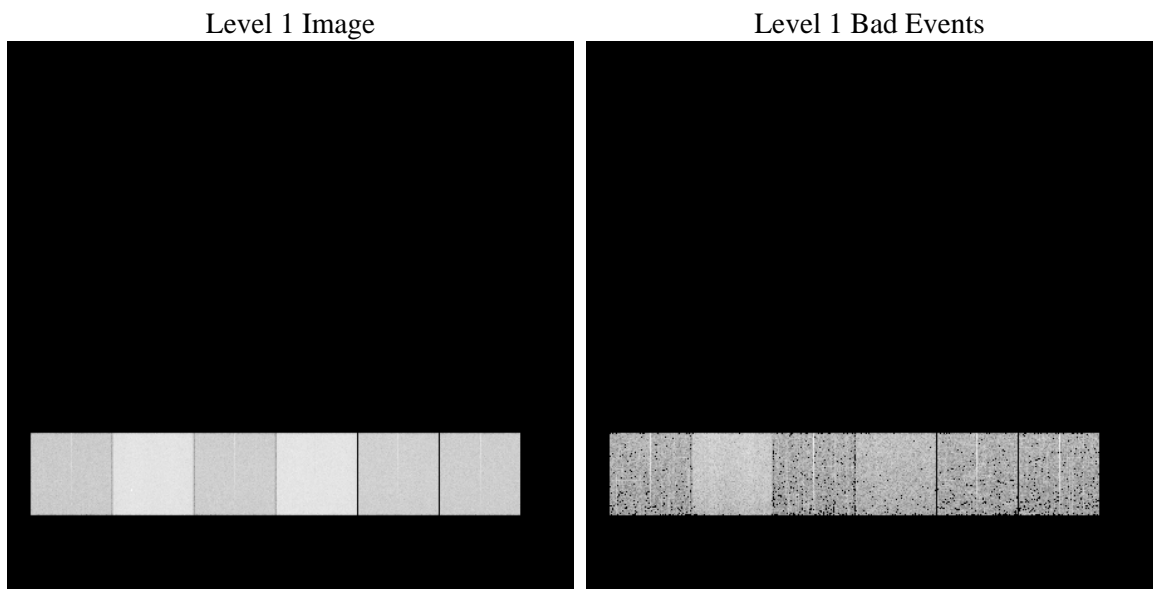
1 Front

seq_num	 	Sequence number
obs_id	61958	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	6.4688231334874	Nominal RA [deg]
dec_nom	38.274432195503	Nominal Dec [deg]
roll_nom	138.59186600343	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4894.8783051372	Sum of GTIs [s]
livetime	4832.8964086956	Livetime [s]
ontime4	2025.6483796388	Sum of GTIs [s]
ontime5	5254.6254702508	Sum of GTIs [s]
ontime6	2142.3002246618	Sum of GTIs [s]
ontime7	4894.8783051372	Sum of GTIs [s]
ontime8	2268.7262693048	Sum of GTIs [s]
ontime9	2145.4180649221	Sum of GTIs [s]
l2events	1353634	Number of level 2 events

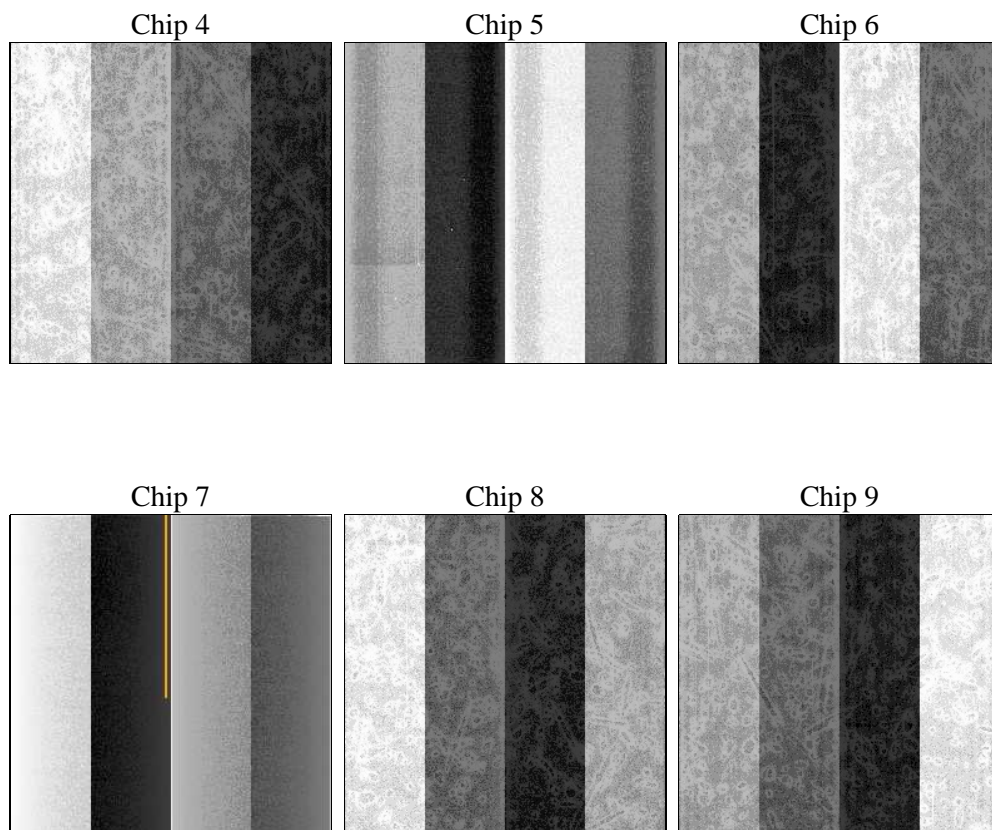
2 OBI

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	4894.8783051372	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime4	2025.6483796388	Sum of GTIs [s]
date	2012-09-01T02:46:03	Date and time of file creation	ontime5	5254.6254702508	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2142.3002246618	Sum of GTIs [s]
			ontime7	4894.8783051372	Sum of GTIs [s]
			ontime8	2268.7262693048	Sum of GTIs [s]
			ontime9	2145.4180649221	Sum of GTIs [s]
			l1events	1554414	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	168816	398609	189832	411963	200898	184296	grade 0 events	81448	73436	92846	97902	100531	91167
rejected events	19415	43702	18461	25395	19100	18521		48%	18%	48%	23%	50%	49%
rejected %	11%	10%	9%	6%	9%	10%	grade 1 events	396	220	445	265	497	432
								0%	0%	0%	0%	0%	0%
							grade 2 events	30470	141110	30740	85281	32349	29736
								18%	35%	16%	20%	16%	16%
							grade 3 events	8562	19304	10174	39406	11226	9956
								5%	4%	5%	9%	5%	5%
							grade 4 events	8551	18855	10261	38845	11121	9828
								5%	4%	5%	9%	5%	5%
							grade 5 events	1350	8450	1497	5772	1566	1419
								0%	2%	0%	1%	0%	0%
							grade 6 events	20700	102404	27350	125413	26571	25088
								12%	25%	14%	30%	13%	13%
							grade 7 events	17339	34830	16519	19079	17037	16670
								10%	8%	8%	4%	8%	9%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	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	6.468823133487411	Alternating exposures requested	N	N
[deg] Pointing Dec	0	38.27443219550278	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	138.5918660034311			
[mm] SIM focus pos	-0.684267	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-190.132523	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	83191072.57145	83191071.802984			
Observation start date	2000-08-20T20:37:53	2000-08-20T20:37:51			
[s] Observation end time (MET)	83201582.92184401	83201582.15337799			
Observation end date	2000-08-20T23:33:03	2000-08-20T23:33:02			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.09.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.8948783051372

A.2 Comments