

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58016 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 8 2012

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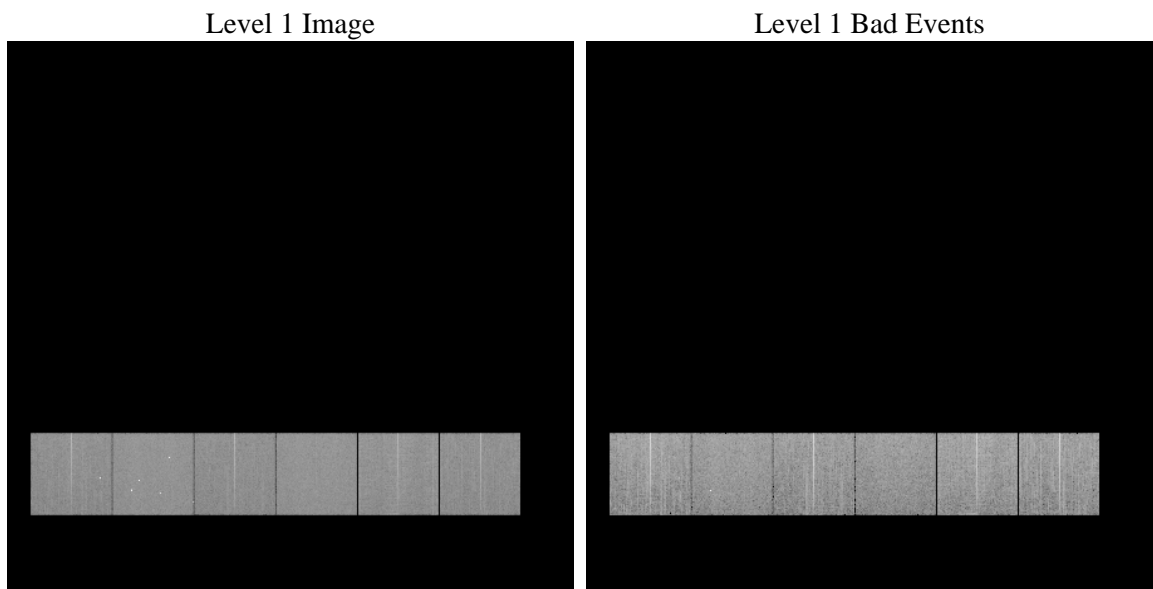
1 Front

seq_num	 	Sequence number
obs_id	58016	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	103.02982265799	Nominal RA [deg]
dec_nom	-2.9926115399503	Nominal Dec [deg]
roll_nom	340.2105796568	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8268.7999692559	Sum of GTIs [s]
livetime	8164.0954451716	Livetime [s]
ontime4	8268.7999692559	Sum of GTIs [s]
ontime5	8268.7999692559	Sum of GTIs [s]
ontime6	8268.7999692559	Sum of GTIs [s]
ontime7	8268.7999692559	Sum of GTIs [s]
ontime8	8268.7999692559	Sum of GTIs [s]
ontime9	8268.7999692559	Sum of GTIs [s]
l2events	668297	Number of level 2 events

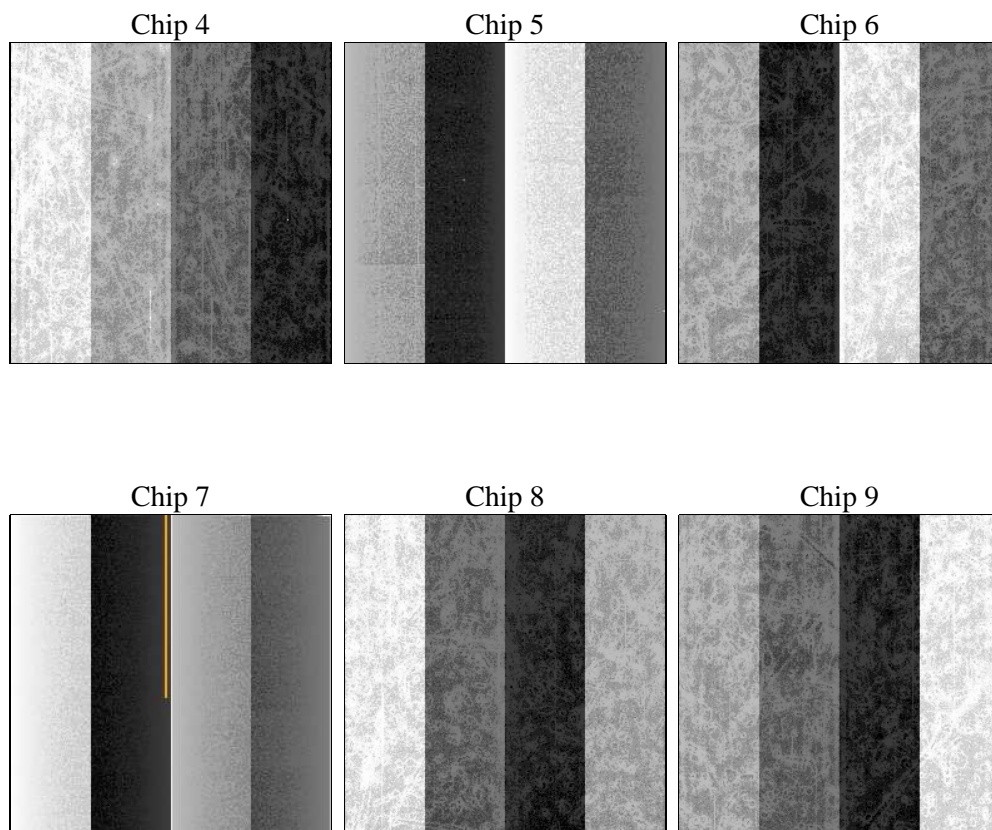
2 OBI

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	8.4.4	Processing system revision	ontime	8268.7999692559	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8268.7999692559	Sum of GTIs [s]
date	2012-05-08T02:17:57	Date and time of file creation	ontime5	8268.7999692559	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8268.7999692559	Sum of GTIs [s]
			ontime7	8268.7999692559	Sum of GTIs [s]
			ontime8	8268.7999692559	Sum of GTIs [s]
			ontime9	8268.7999692559	Sum of GTIs [s]
			l1events	1169314	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	183327	210394	181067	205369	204721	184436	grade 0 events	60812	26086	58520	29043	62916	57712
rejected events	78508	69628	70539	64227	81619	77400		33%	12%	32%	14%	30%	31%
rejected %	42%	33%	38%	31%	39%	41%	grade 1 events	583	224	355	176	433	417
								0%	0%	0%	0%	0%	0%
							grade 2 events	16559	50291	19690	30631	22628	18539
								9%	23%	10%	14%	11%	10%
							grade 3 events	7169	6665	7125	13326	8658	7066
								3%	3%	3%	6%	4%	3%
							grade 4 events	7050	6594	7251	13348	8589	7037
								3%	3%	4%	6%	4%	3%
							grade 5 events	4051	9479	4149	10799	5481	4634
								2%	4%	2%	5%	2%	2%
							grade 6 events	13257	51200	17987	54843	20360	16722
								7%	24%	9%	26%	9%	9%
							grade 7 events	73846	59855	65990	53203	75656	72309
								40%	28%	36%	25%	36%	39%

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	103.0298226579894	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-2.992611539950295	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	340.2105796568014			
[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)	316453403.909981	316453402.88497			
Observation start date	2008-01-11T15:43:24	2008-01-11T15:43:22			
[s] Observation end time (MET)	316476486.9111	316476485.88609			
Observation end date	2008-01-11T22:08:07	2008-01-11T22:08:05			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2687999692559

A.2 Comments