

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58801 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 8 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Star Slots	6
2.4	FID Slots	6
A	Summary	7
A.1	Status	7
A.2	Comments	7

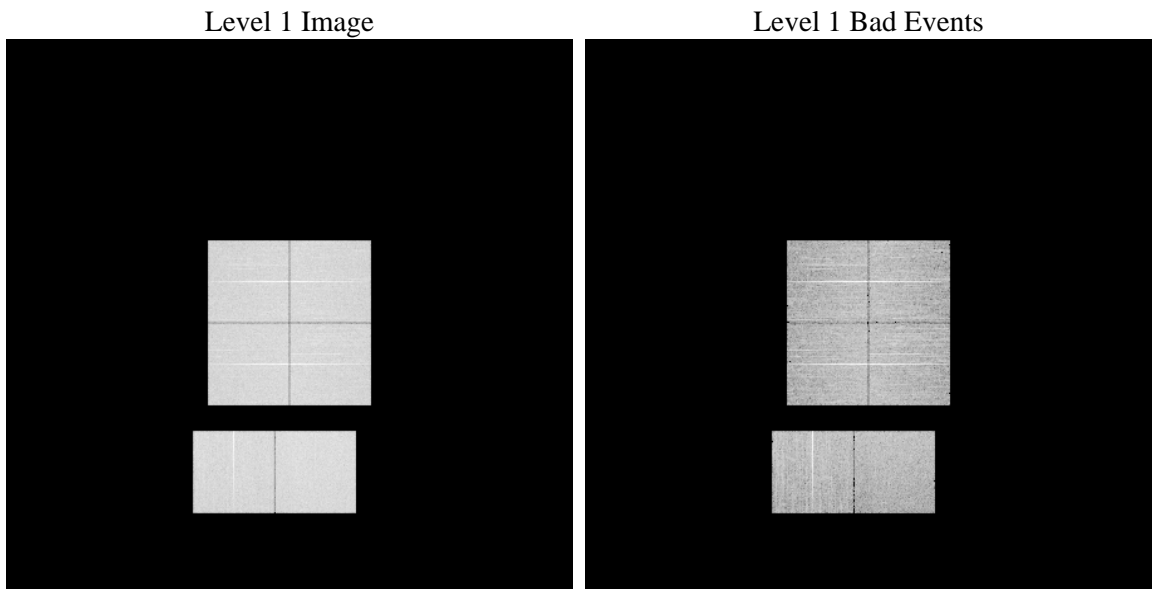
1 Front

seq_num	 	Sequence number
obs_id	58801	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	355.0028919711	Nominal RA [deg]
dec_nom	3.3943722485151	Nominal Dec [deg]
roll_nom	134.0229608848	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7794.8631815314	Sum of GTIs [s]
livetime	7696.1599304238	Livetime [s]
ontime0	7794.8221415281	Sum of GTIs [s]
ontime1	7794.7811015248	Sum of GTIs [s]
ontime2	7794.7400615215	Sum of GTIs [s]
ontime3	7794.9042215347	Sum of GTIs [s]
ontime6	7794.6990215182	Sum of GTIs [s]
ontime7	7794.8631815314	Sum of GTIs [s]
l2events	828325	Number of level 2 events

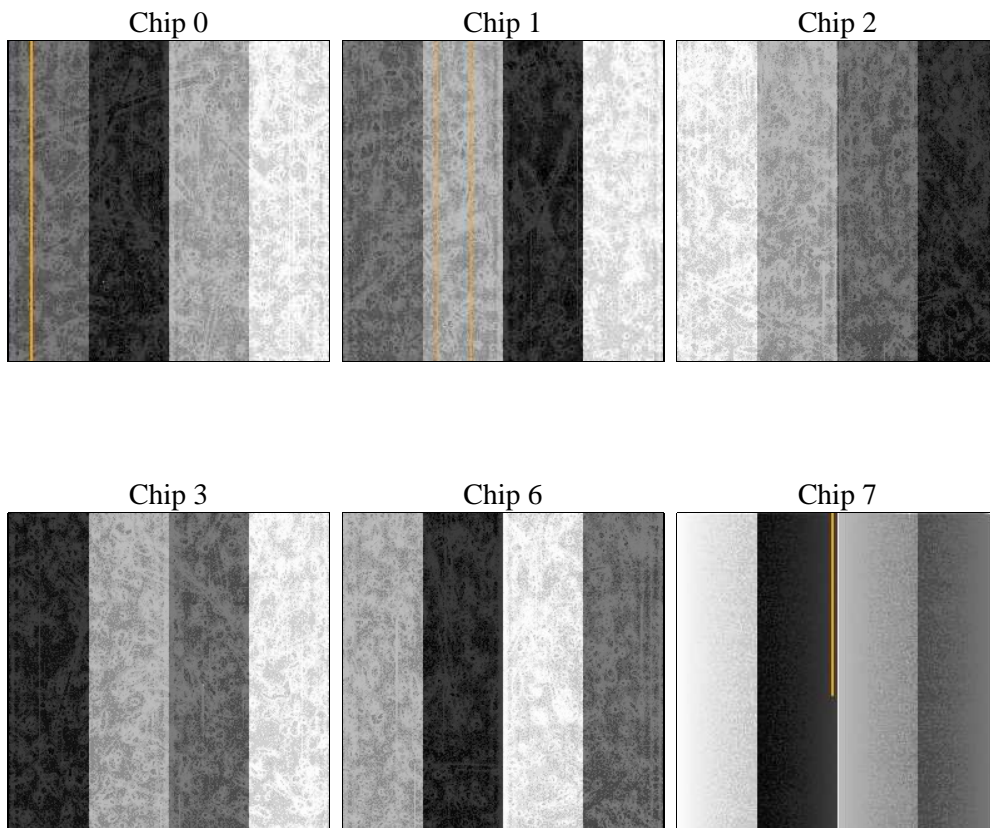
2 OBI

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	8.4.3.1	Processing system revision	ontime	7794.8631815314	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7794.8221415281	Sum of GTIs [s]
date	2012-04-08T20:23:04	Date and time of file creation	ontime1	7794.7811015248	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	7794.7400615215	Sum of GTIs [s]
			ontime3	7794.9042215347	Sum of GTIs [s]
			ontime6	7794.6990215182	Sum of GTIs [s]
			ontime7	7794.8631815314	Sum of GTIs [s]
			l1events	1244142	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	198101	200531	204096	206077	210393	224944	grade 0 events	75091	75093	77923	78285	78059	38091
rejected events	60342	61790	63828	65386	64622	55572		37%	37%	38%	37%	37%	16%
rejected %	30%	30%	31%	31%	30%	24%	grade 1 events	527	429	558	550	440	164
								0%	0%	0%	0%	0%	0%
							grade 2 events	24303	24876	23724	24181	25629	37152
								12%	12%	11%	11%	12%	16%
							grade 3 events	9072	8850	9108	9137	9354	16584
								4%	4%	4%	4%	4%	7%
							grade 4 events	8904	8852	9471	9411	9005	16573
								4%	4%	4%	4%	4%	7%
							grade 5 events	3444	3708	3341	3933	3905	9465
								1%	1%	1%	1%	1%	4%
							grade 6 events	20442	21116	20102	19737	23789	61044
								10%	10%	9%	9%	11%	27%
							grade 7 events	56318	57607	59869	60843	60212	45871
								28%	28%	29%	29%	28%	20%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	355.0028919711018	Alternating exposures requested	N	N
[deg] Pointing Dec	0	3.394372248515078	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	134.0229608847965			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	273917627.979459	273917626.95446			
Observation start date	2006-09-06T08:13:48	2006-09-06T08:13:46			
[s] Observation end time (MET)	273934442.080249	273934441.05525			
Observation end date	2006-09-06T12:54:02	2006-09-06T12:54:01			
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)	2012.04.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7948631815314

A.2 Comments