

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61629 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 16 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

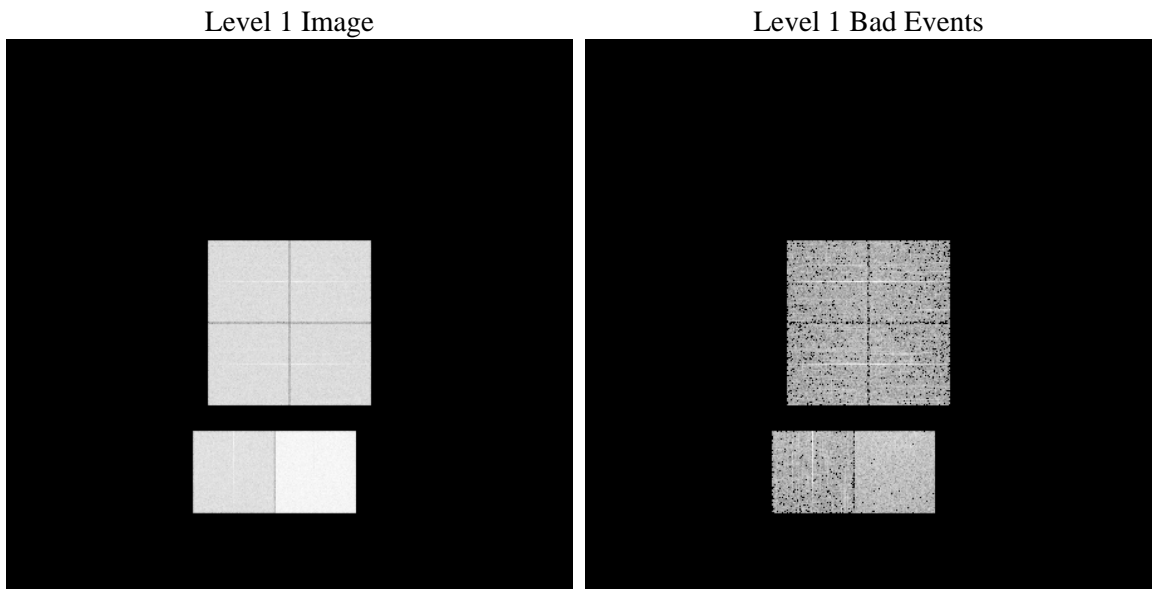
1 Front

seq_num	 	Sequence number
obs_id	61629	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	224.98473828668	Nominal RA [deg]
dec_nom	-0.024302689103759	Nominal Dec [deg]
roll_nom	205.10924177943	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5470.9823261797	Sum of GTIs [s]
livetime	5401.7054537356	Livetime [s]
ontime0	2233.1960775405	Sum of GTIs [s]
ontime1	2255.8419487029	Sum of GTIs [s]
ontime2	2213.6277226359	Sum of GTIs [s]
ontime3	2145.5659624934	Sum of GTIs [s]
ontime6	2427.5359733403	Sum of GTIs [s]
ontime7	5470.9823261797	Sum of GTIs [s]
l2events	1061255	Number of level 2 events

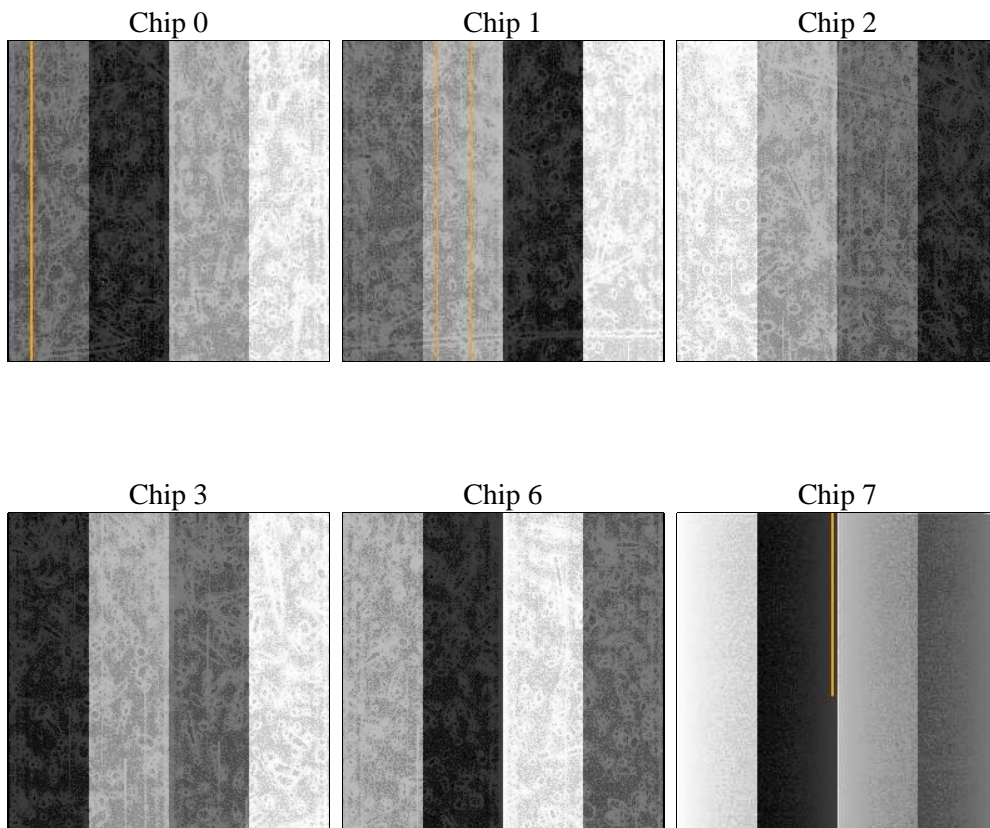
2 OBI

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	5470.9823261797	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	2233.1960775405	Sum of GTIs [s]
date	2012-09-16T23:14:23	Date and time of file creation	ontime1	2255.8419487029	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	2213.6277226359	Sum of GTIs [s]
			ontime3	2145.5659624934	Sum of GTIs [s]
			ontime6	2427.5359733403	Sum of GTIs [s]
			ontime7	5470.9823261797	Sum of GTIs [s]
			l1events	1227083	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	161212	164010	162732	158727	184871	395531	grade 0 events	79625	81210	81180	78941	90946	93420
rejected events	17293	17681	17775	18184	19646	30233		49%	49%	49%	49%	49%	23%
rejected %	10%	10%	10%	11%	10%	7%	grade 1 events	415	386	383	402	460	243
								0%	0%	0%	0%	0%	0%
							grade 2 events	25553	26104	25508	24763	28455	81374
								15%	15%	15%	15%	15%	20%
							grade 3 events	9075	9274	8945	8836	10203	37497
								5%	5%	5%	5%	5%	9%
							grade 4 events	9120	9145	8843	9025	10175	36998
								5%	5%	5%	5%	5%	9%
							grade 5 events	1263	1311	1146	1221	1445	6175
								0%	0%	0%	0%	0%	1%
							grade 6 events	20979	21004	20676	19409	25896	117000
								13%	12%	12%	12%	14%	29%
							grade 7 events	15182	15576	16051	16130	17291	22824
								9%	9%	9%	10%	9%	5%

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	224.9847382866768	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-0.02430268910375935	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	205.1092417794314			
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	106502297.913	106502297.1449			
Observation start date	2001-05-17T15:58:18	2001-05-17T15:58:17			
[s] Observation end time (MET)	106510696.764	106510695.99523			
Observation end date	2001-05-17T18:18:17	2001-05-17T18:18:15			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.4709823261797

A.2 Comments