

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58128 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 4 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

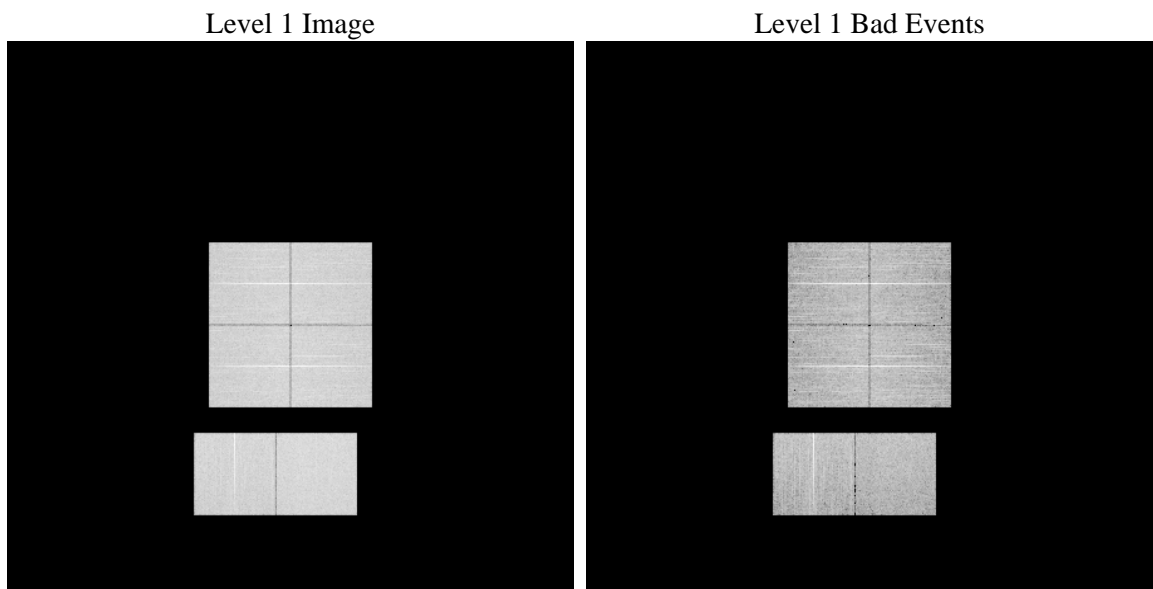
1 Front

seq_num	 	Sequence number
obs_id	58128	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	55.967145475699	Nominal RA [deg]
dec_nom	32.49245959959	Nominal Dec [deg]
roll_nom	162.35111115934	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7791.9999710321	Sum of GTIs [s]
livetime	7693.3329756198	Livetime [s]
ontime0	7788.758990705	Sum of GTIs [s]
ontime1	7791.9999710321	Sum of GTIs [s]
ontime2	7791.9999710321	Sum of GTIs [s]
ontime3	7791.9999710321	Sum of GTIs [s]
ontime6	7791.9999710321	Sum of GTIs [s]
ontime7	7791.9999710321	Sum of GTIs [s]
l2events	659694	Number of level 2 events

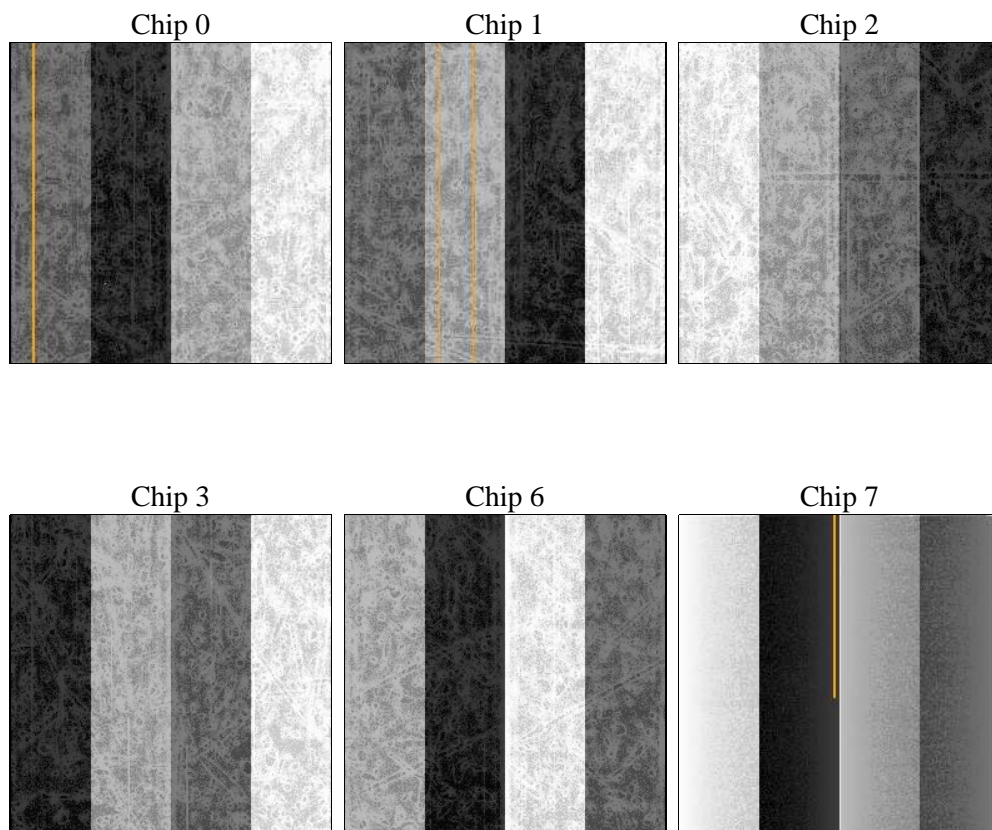
2 OBI

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	7791.9999710321	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7788.758990705	Sum of GTIs [s]
date	2012-05-04T16:24:30	Date and time of file creation	ontime1	7791.9999710321	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	7791.9999710321	Sum of GTIs [s]
			ontime3	7791.9999710321	Sum of GTIs [s]
			ontime6	7791.9999710321	Sum of GTIs [s]
			ontime7	7791.9999710321	Sum of GTIs [s]
			l1events	1100193	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	175950	174476	180155	181517	185080	203015	grade 0 events	59164	58370	60534	60477	60440	29915
rejected events	66373	64358	70194	71223	70732	61404		33%	33%	33%	33%	32%	14%
rejected %	37%	36%	38%	39%	38%	30%	grade 1 events	432	309	477	494	357	187
								0%	0%	0%	0%	0%	0%
							grade 2 events	19515	20371	18585	18886	20082	30865
								11%	11%	10%	10%	10%	15%
							grade 3 events	7220	7100	7357	7309	7265	13377
								4%	4%	4%	4%	3%	6%
							grade 4 events	7106	6990	7247	7437	7360	13195
								4%	4%	4%	4%	3%	6%
							grade 5 events	3582	3918	3491	4024	4006	10246
								2%	2%	1%	2%	2%	5%
							grade 6 events	16621	17341	16288	16239	19239	54324
								9%	9%	9%	8%	10%	26%
							grade 7 events	62310	60077	66176	66651	66331	50906
								35%	34%	36%	36%	35%	25%

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	55.96714547569877	Alternating exposures requested	N	N
[deg] Pointing Dec	0	32.49245959959035	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	162.3511111593415			
[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)	311616982.176084	311616981.15107			
Observation start date	2007-11-16T16:16:22	2007-11-16T16:16:21			
[s] Observation end time (MET)	311631762.676798	311631761.65179			
Observation end date	2007-11-16T20:22:43	2007-11-16T20:22:41			
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)	2012.05.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7919999710321

A.2 Comments