

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59657 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 23 2012

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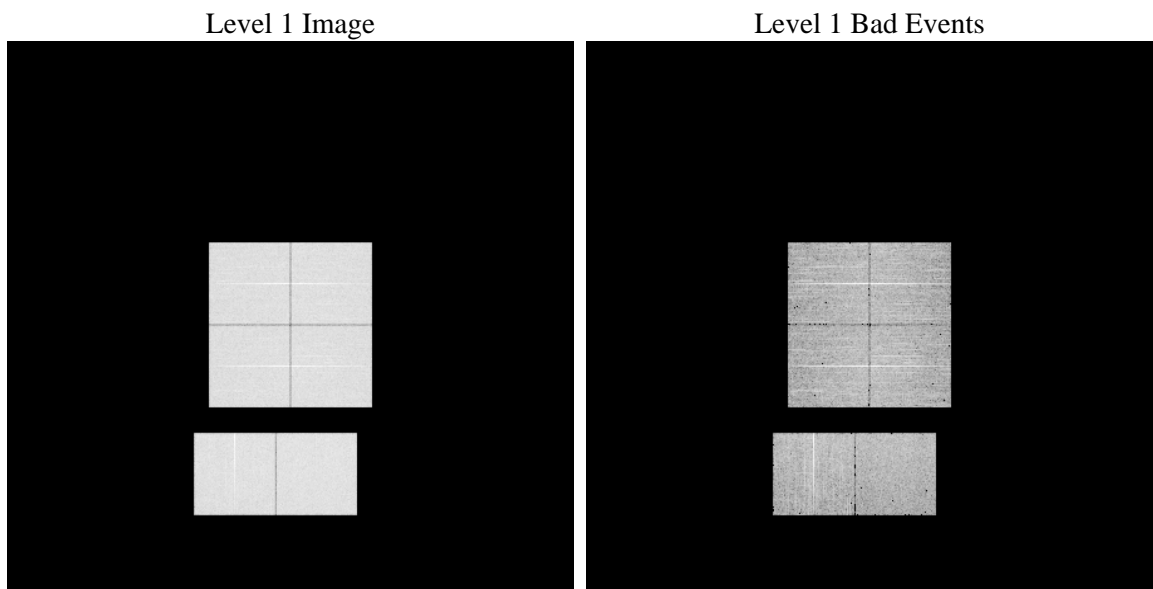
1 Front

seq_num	 	Sequence number
obs_id	59657	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	209.00392716308	Nominal RA [deg]
dec_nom	-9.5283426261428	Nominal Dec [deg]
roll_nom	244.94296172477	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8284.7999691367	Sum of GTIs [s]
livetime	8179.8928434199	Livetime [s]
ontime0	8061.1729291975	Sum of GTIs [s]
ontime1	8219.980533123	Sum of GTIs [s]
ontime2	8054.6910376549	Sum of GTIs [s]
ontime3	8109.7876127958	Sum of GTIs [s]
ontime6	8271.836078018	Sum of GTIs [s]
ontime7	8284.7999691367	Sum of GTIs [s]
l2events	1132022	Number of level 2 events

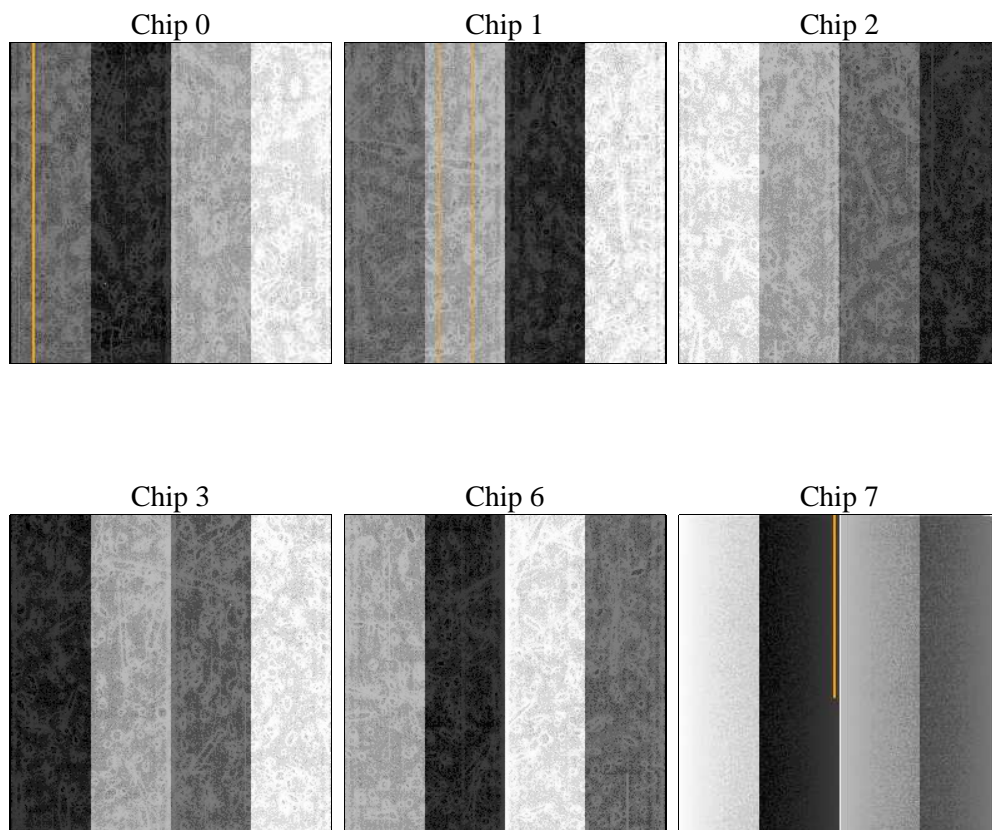
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	8284.7999691367	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	8061.1729291975	Sum of GTIs [s]
date	2012-12-23T16:18:47	Date and time of file creation	ontime1	8219.980533123	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	8054.6910376549	Sum of GTIs [s]
			ontime3	8109.7876127958	Sum of GTIs [s]
			ontime6	8271.836078018	Sum of GTIs [s]
			ontime7	8284.7999691367	Sum of GTIs [s]
			l1events	1486212	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	239393	243978	241130	245157	256329	260225	grade 0 events	105891	105922	109054	110212	109157	50076
rejected events	48580	48924	48857	51795	53006	44701		44%	43%	45%	44%	42%	19%
rejected %	20%	20%	20%	21%	20%	17%	grade 1 events	560	434	622	608	466	143
								0%	0%	0%	0%	0%	0%
							grade 2 events	32682	35592	31197	31553	36340	47833
								13%	14%	12%	12%	14%	18%
							grade 3 events	12436	12203	12735	12559	12420	21114
								5%	5%	5%	5%	4%	8%
							grade 4 events	12215	12144	12515	12611	12251	20665
								5%	4%	5%	5%	4%	7%
							grade 5 events	3019	3086	2834	3241	3443	7674
								1%	1%	1%	1%	1%	2%
							grade 6 events	27589	29193	26772	26427	33155	75836
								11%	11%	11%	10%	12%	29%
							grade 7 events	45001	45404	45401	47946	49097	36884
								18%	18%	18%	19%	19%	14%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	209.0039271630834
[deg] Pointing Dec	0	-9.528342626142791
[deg] Pointing Roll	0.0	244.9429617247709
[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)	232609554.116559	232609553.09155
Observation start date	2005-05-16T05:45:54	2005-05-16T05:45:53
[s] Observation end time (MET)	232630863.867529	232630862.84252
Observation end date	2005-05-16T11:41:04	2005-05-16T11:41:02
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2013.01.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2847999691367

A.2 Comments