

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57655 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 19 2012

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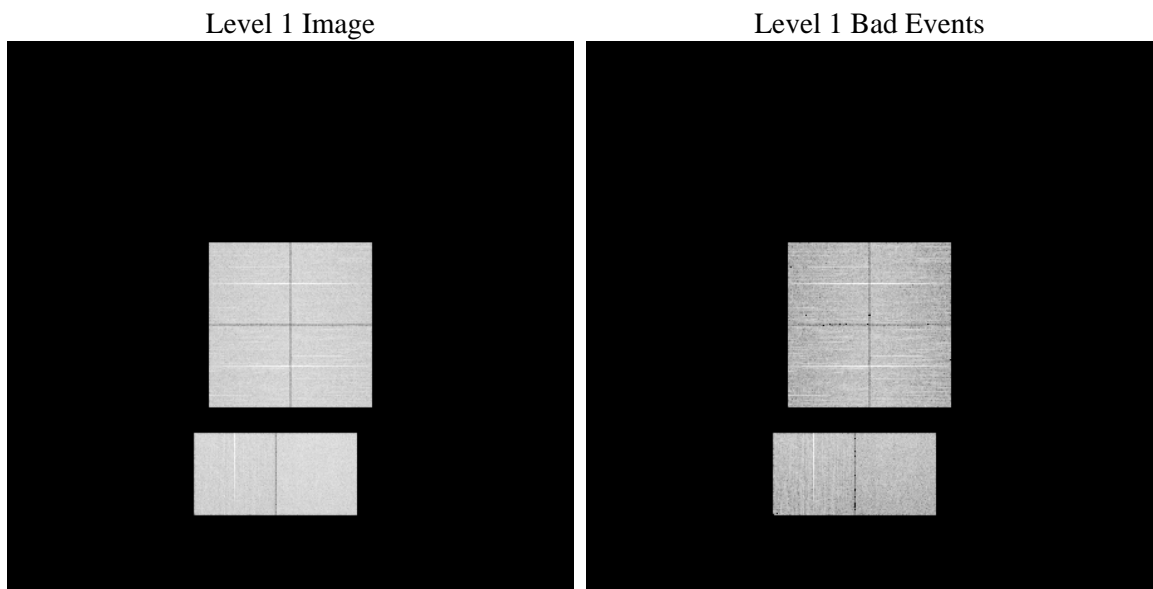
1 Front

seq_num	 	Sequence number
obs_id	57655	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	313.0284655504	Nominal RA [deg]
dec_nom	-43.991454444869	Nominal Dec [deg]
roll_nom	346.44838739612	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7791.9313976169	Sum of GTIs [s]
livetime	7693.2652705224	Livetime [s]
ontime0	7791.8903576136	Sum of GTIs [s]
ontime1	7791.8493176103	Sum of GTIs [s]
ontime2	7791.808277607	Sum of GTIs [s]
ontime3	7791.9724376202	Sum of GTIs [s]
ontime6	7791.7672376037	Sum of GTIs [s]
ontime7	7791.9313976169	Sum of GTIs [s]
l2events	536097	Number of level 2 events

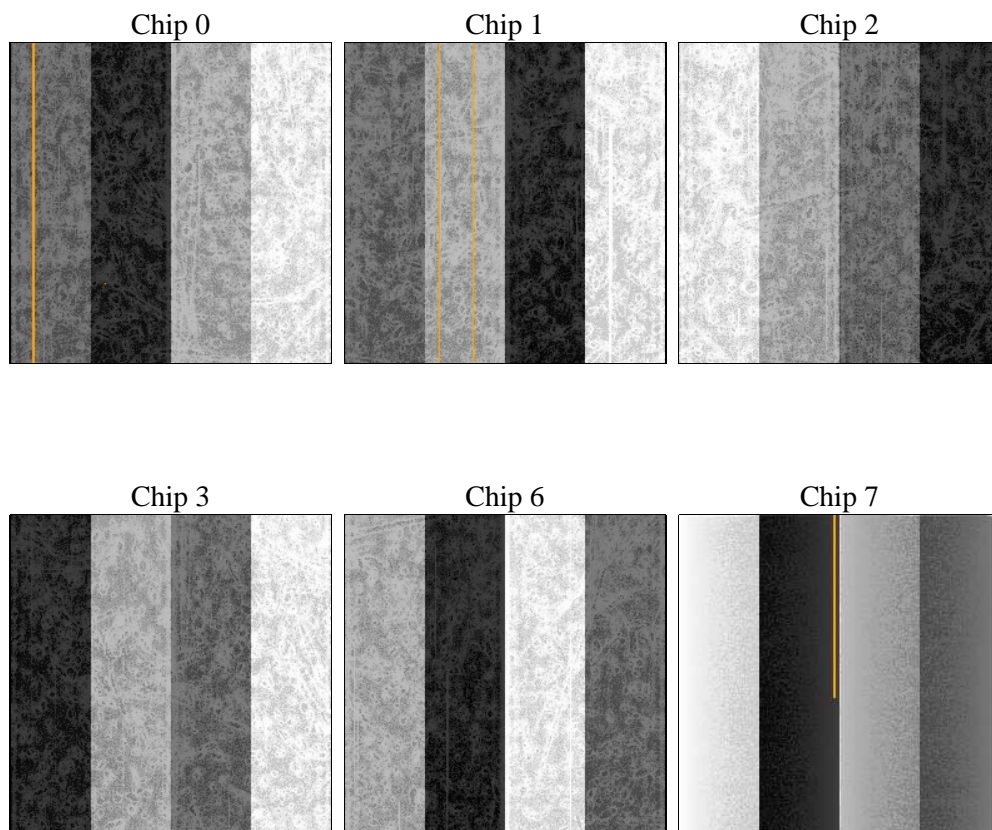
2 OBI

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	7791.9313976169	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7791.8903576136	Sum of GTIs [s]
date	2012-05-19T06:28:55	Date and time of file creation	ontime1	7791.8493176103	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	7791.808277607	Sum of GTIs [s]
			ontime3	7791.9724376202	Sum of GTIs [s]
			ontime6	7791.7672376037	Sum of GTIs [s]
			ontime7	7791.9313976169	Sum of GTIs [s]
			l1events	963096	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	150547	151211	156478	159641	160313	184906	grade 0 events	46975	46722	48623	48992	48510	24629
rejected events	62903	63098	68559	71171	68562	62859		31%	30%	31%	30%	30%	13%
rejected %	41%	41%	43%	44%	42%	33%	grade 1 events	317	286	372	363	312	139
								0%	0%	0%	0%	0%	0%
							grade 2 events	15991	16379	15021	15308	16396	26516
								10%	10%	9%	9%	10%	14%
							grade 3 events	5894	5791	5882	5984	5914	11798
								3%	3%	3%	3%	3%	6%
							grade 4 events	5734	5877	5921	5817	5821	11317
								3%	3%	3%	3%	3%	6%
							grade 5 events	3632	3866	3385	4057	4049	10264
								2%	2%	2%	2%	2%	5%
							grade 6 events	13083	13374	12521	12399	15149	47844
								8%	8%	8%	7%	9%	25%
							grade 7 events	58921	58916	64753	66721	64162	52399
								39%	38%	41%	41%	40%	28%

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	313.0284655504021	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-43.991454444869	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	346.4483873961173			
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	334692316.298812	334692315.27381			
Observation start date	2008-08-09T18:05:16	2008-08-09T18:05:15			
[s] Observation end time (MET)	334711008.199728	334711007.17473			
Observation end date	2008-08-09T23:16:48	2008-08-09T23:16:47			
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)	2012.05.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7919313976169

A.2 Comments