

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55660 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 4 2012

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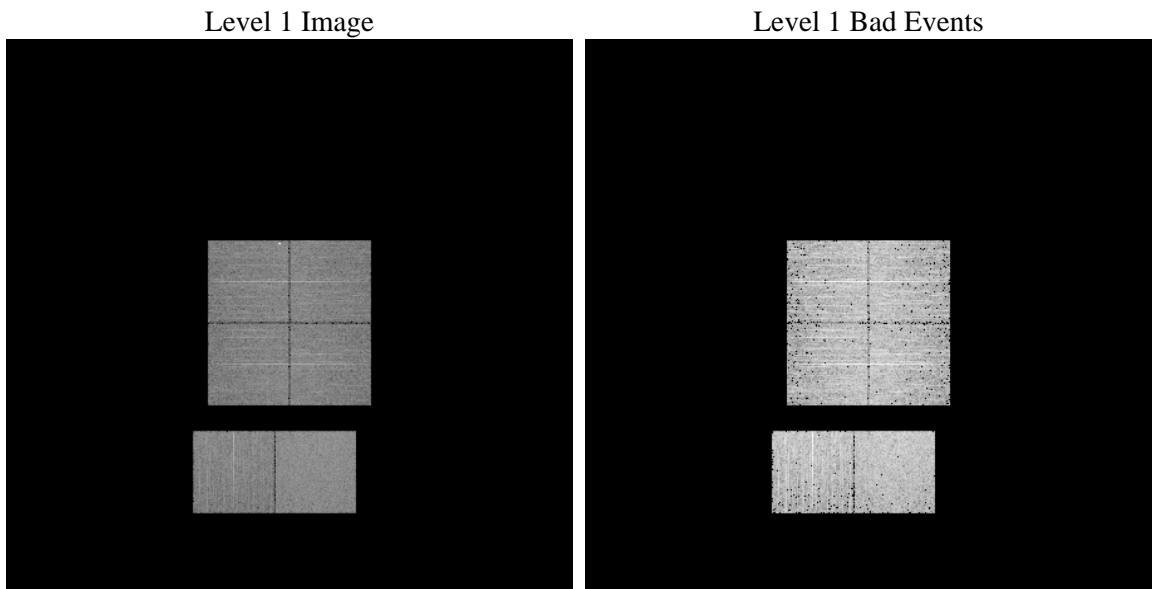
1 Front

seq_num	 	Sequence number
obs_id	55660	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	137.02782872485	Nominal RA [deg]
dec_nom	-11.991155741311	Nominal Dec [deg]
roll_nom	345.16921520683	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3885.0316601396	Sum of GTIs [s]
livetime	3835.8370499737	Livetime [s]
ontime0	3887.9999855757	Sum of GTIs [s]
ontime1	3887.9999855757	Sum of GTIs [s]
ontime2	3887.9999855757	Sum of GTIs [s]
ontime3	3884.9906201363	Sum of GTIs [s]
ontime6	3887.9999855757	Sum of GTIs [s]
ontime7	3885.0316601396	Sum of GTIs [s]
l2events	159076	Number of level 2 events

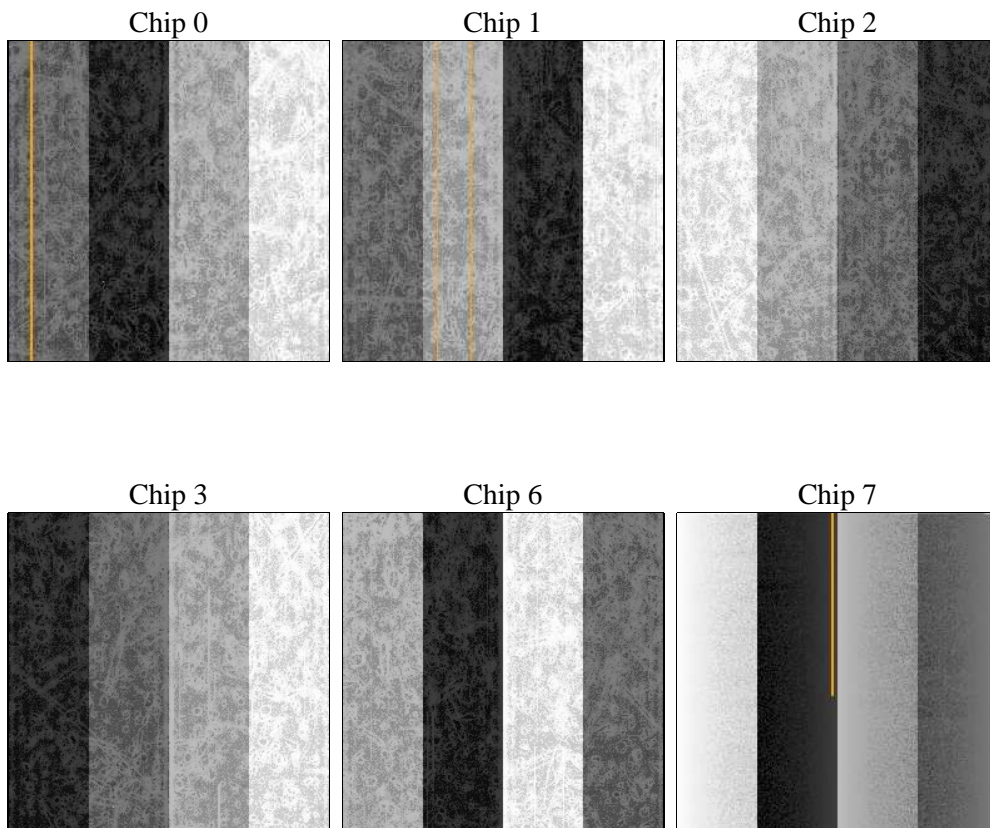
2 OBI

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	Processing system revision	ontime	3885.0316601396	Sum of GTIs [s]
caldsver	4.4.7	 	ontime0	3887.9999855757	Sum of GTIs [s]
date	2012-02-04T06:09:39	Date and time of file creation	ontime1	3887.9999855757	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3887.9999855757	Sum of GTIs [s]
			ontime3	3884.9906201363	Sum of GTIs [s]
			ontime6	3887.9999855757	Sum of GTIs [s]
			ontime7	3885.0316601396	Sum of GTIs [s]
			l1events	345738	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	55512	54112	53618	54132	56788	71576	grade 0 events	13392	13045	13573	13649	13621	7063
rejected events	28819	28784	28462	28702	30567	30654		24%	24%	25%	25%	23%	9%
rejected %	51%	53%	53%	53%	53%	42%	grade 1 events	96	78	88	85	85	59
								0%	0%	0%	0%	0%	0%
							grade 2 events	6077	4788	4451	4493	4770	8904
								10%	8%	8%	8%	8%	12%
							grade 3 events	1692	1719	1703	1743	1716	3632
								3%	3%	3%	3%	3%	5%
							grade 4 events	1704	1742	1786	1810	1740	3658
								3%	3%	3%	3%	3%	5%
							grade 5 events	1814	1887	1690	1984	2010	4962
								3%	3%	3%	3%	3%	6%
							grade 6 events	3828	4034	3643	3735	4374	17665
								6%	7%	6%	6%	7%	24%
							grade 7 events	26909	26819	26684	26633	28472	25633
								48%	49%	49%	49%	50%	35%

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	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	137.0278287248491	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-11.99115574131145	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	345.1692152068276	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	413755497.742526	413755496.71752			
Observation start date	2011-02-10T20:04:58	2011-02-10T20:04:56			
[s] Observation end time (MET)	413763437.392938	413763436.36793			
Observation end date	2011-02-10T22:17:17	2011-02-10T22:17:16			
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)	2012.02.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.8850316601396

A.2 Comments