

V&V Reference Report

L2 ASCDS Version : 10.2.2

Observation 52718 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jun 9 2014

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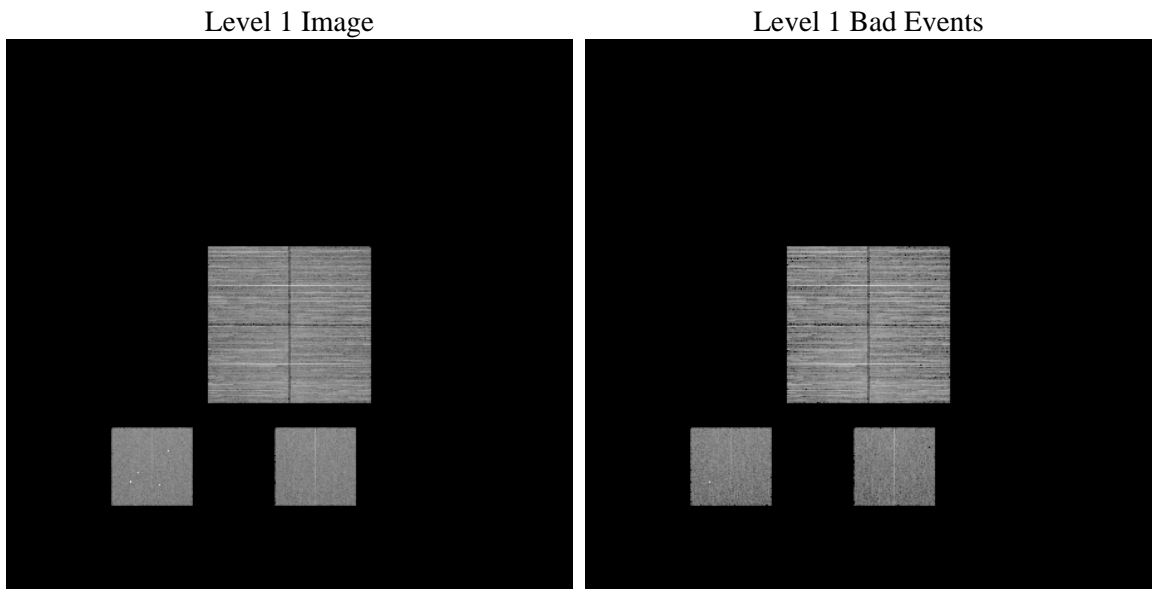
1 Front

seq_num	 	Sequence number
obs_id	52718	Observation id
title	ACIS-012357 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	72.166926644804	Nominal RA [deg]
dec_nom	-24.894438428896	Nominal Dec [deg]
roll_nom	174.11044961864	Nominal Roll [deg]
revision	1	Processing version of data
ontime	6521.5999757648	Sum of GTIs [s]
livetime	6439.0195500356	Livetime [s]
ontime0	6521.5999757648	Sum of GTIs [s]
ontime1	6521.5999757648	Sum of GTIs [s]
ontime2	6521.5999757648	Sum of GTIs [s]
ontime3	6521.5999757648	Sum of GTIs [s]
ontime5	6521.5999757648	Sum of GTIs [s]
ontime7	6521.5999757648	Sum of GTIs [s]
l2events	157071	Number of level 2 events

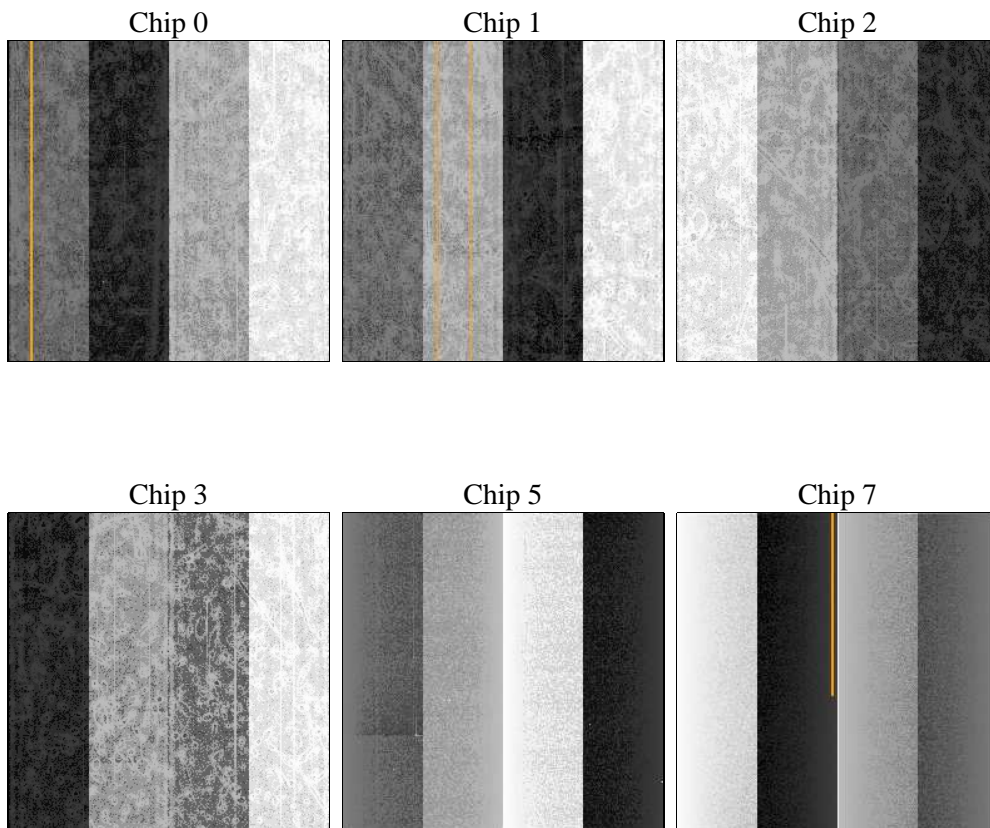
2 OBI

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	10.2.2	Processing system revision	ontime	6521.5999757648	Sum of GTIs [s]
caldsver	4.6.1	 	ontime0	6521.5999757648	Sum of GTIs [s]
date	2014-06-09T16:35:28	Date and time of file creation	ontime1	6521.5999757648	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	6521.5999757648	Sum of GTIs [s]
			ontime3	6521.5999757648	Sum of GTIs [s]
			ontime5	6521.5999757648	Sum of GTIs [s]
			ontime7	6521.5999757648	Sum of GTIs [s]
			l1events	638089	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	111354	110097	115168	110633	100211	90626	grade 0 events	10187	9956	10691	10534	7004	5396
rejected events	90913	89477	94265	90091	54085	50463		9%	9%	9%	9%	6%	5%
rejected %	81%	81%	81%	81%	53%	55%	grade 1 events	59	52	68	63	99	72
								0%	0%	0%	0%	0%	0%
							grade 2 events	4188	4317	4098	3994	16222	9891
								3%	3%	3%	3%	16%	10%
							grade 3 events	1412	1455	1458	1435	1519	3330
								1%	1%	1%	1%	1%	3%
							grade 4 events	1392	1423	1447	1394	1473	3191
								1%	1%	1%	1%	1%	3%
							grade 5 events	2140	2162	1969	2308	4680	5616
								1%	1%	1%	2%	4%	6%
							grade 6 events	3262	3469	3209	3185	19908	18355
								2%	3%	2%	2%	19%	20%
							grade 7 events	88714	87263	92228	87720	49306	44775
								79%	79%	80%	79%	49%	49%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	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	72.16692664480357	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-24.89443842889621	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	174.1104496186369	[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	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	518666740.451519	518666739.42652			
Observation start date	2014-06-09T02:05:40	2014-06-09T02:05:39			
[s] Observation end time (MET)	518676953.552084	518676952.52708			
Observation end date	2014-06-09T04:55:54	2014-06-09T04:55:52			
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)	2014.06.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.5215999757648

A.2 Comments