

V&V Reference Report

L2 ASCDS Version : 10.3.3

Observation 52046 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 26 2015

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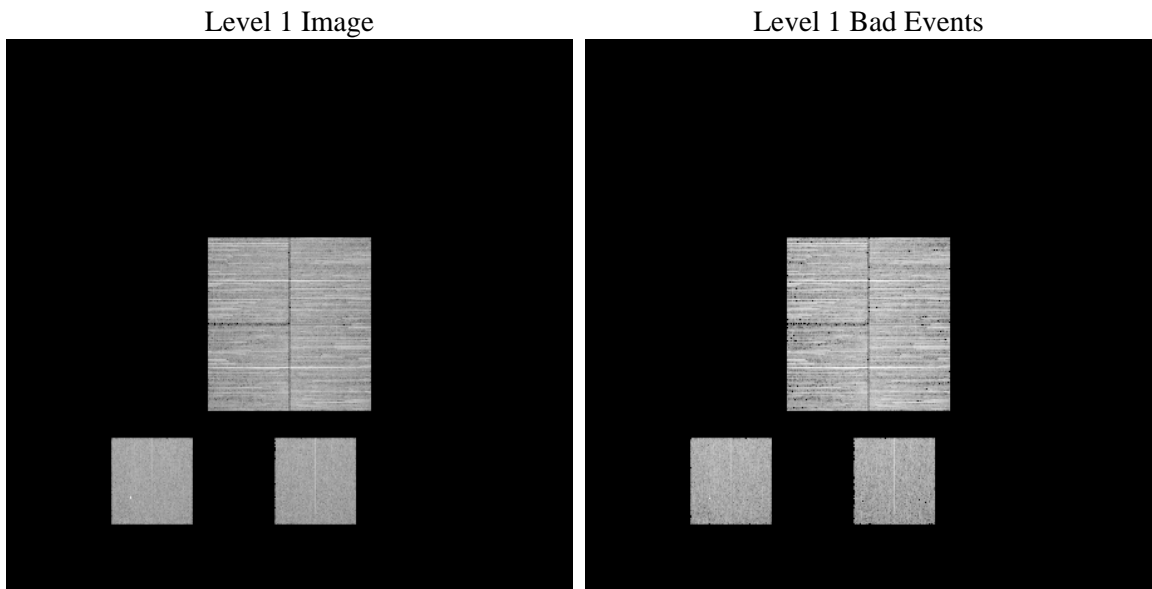
1 Front

seq_num	 	Sequence number
obs_id	52046	Observation id
title	ACIS-012357 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	179.97659104193	Nominal RA [deg]
dec_nom	-16.272001193693	Nominal Dec [deg]
roll_nom	41.503451189052	Nominal Roll [deg]
revision	1	Processing version of data
ontime	5673.3510279655	Sum of GTIs [s]
livetime	5601.5116411676	Livetime [s]
ontime0	5673.3099879026	Sum of GTIs [s]
ontime1	5673.2689479589	Sum of GTIs [s]
ontime2	5673.227907896	Sum of GTIs [s]
ontime3	5673.3920679092	Sum of GTIs [s]
ontime5	5673.1868679523	Sum of GTIs [s]
ontime7	5673.3510279655	Sum of GTIs [s]
l2events	153446	Number of level 2 events

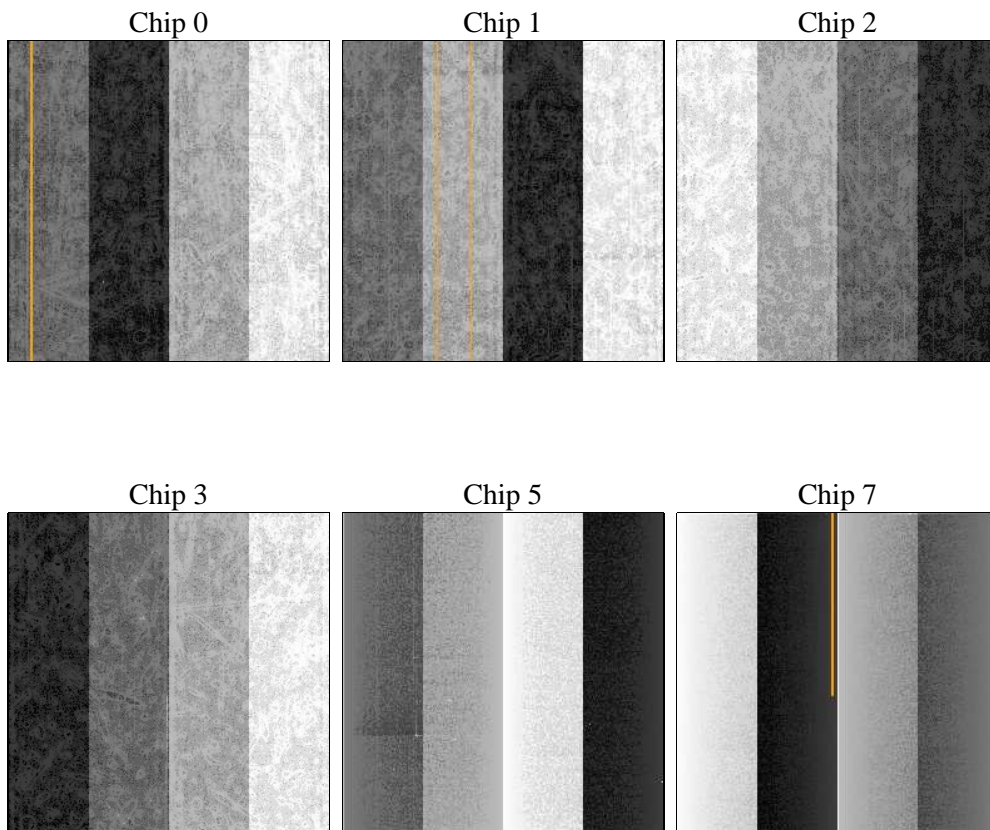
2 OBI

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	10.3.3	Processing system revision	ontime	5673.3510279655	Sum of GTIs [s]
caldbver	4.6.7	 	ontime0	5673.3099879026	Sum of GTIs [s]
date	2015-02-26T12:10:28	Date and time of file creation	ontime1	5673.2689479589	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	5673.227907896	Sum of GTIs [s]
			ontime3	5673.3920679092	Sum of GTIs [s]
			ontime5	5673.1868679523	Sum of GTIs [s]
			ontime7	5673.3510279655	Sum of GTIs [s]
			l1events	575329	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	105938	102100	91483	105511	87693	82604	grade 0 events	10167	9640	10461	10300	3515	5181
rejected events	84476	80575	70342	84298	48838	45273		9%	9%	11%	9%	4%	6%
rejected %	79%	78%	76%	79%	55%	54%	grade 1 events	49	50	53	60	101	64
								0%	0%	0%	0%	0%	0%
							grade 2 events	4611	5124	4294	4233	14606	9407
								4%	5%	4%	4%	16%	11%
							grade 3 events	1432	1310	1380	1417	1156	2760
								1%	1%	1%	1%	1%	3%
							grade 4 events	1367	1333	1409	1438	1149	2804
								1%	1%	1%	1%	1%	3%
							grade 5 events	1904	1929	1818	2056	3723	4861
								1%	1%	1%	1%	4%	5%
							grade 6 events	3896	4123	3599	3832	18444	17190
								3%	4%	3%	3%	21%	20%
							grade 7 events	82512	78591	68469	82175	44999	40337
								77%	76%	74%	77%	51%	48%

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	179.9765910419263	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-16.27200119369259	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	41.50345118905201	[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)	541290572.459391	541290571.4343899			
Observation start date	2015-02-25T22:29:32	2015-02-25T22:29:31			
[s] Observation end time (MET)	541300209.50993	541300208.48493			
Observation end date	2015-02-26T01:10:10	2015-02-26T01:10:08			
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)	2015.02.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.6733510279655

A.2 Comments