

V&V Reference Report

L2 ASCDS Version : 10.4

Observation 51776 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jul 5 2015

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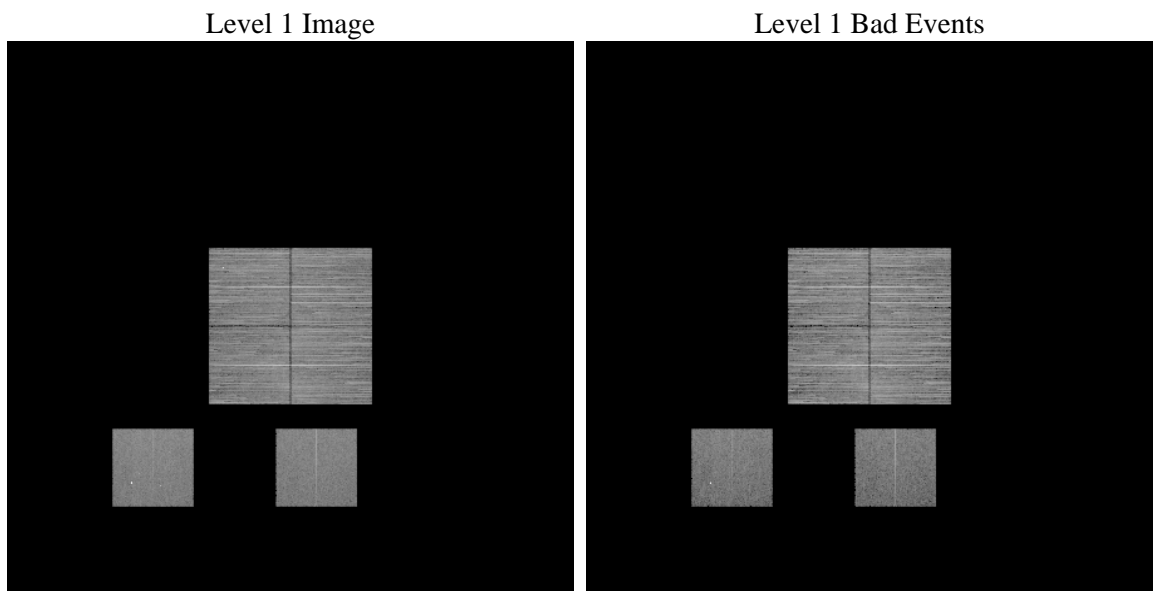
1 Front

seq_num	 	Sequence number
obs_id	51776	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	310.78279702863	Nominal RA [deg]
dec_nom	-25.275620177336	Nominal Dec [deg]
roll_nom	89.783470898055	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8258.5155211687	Sum of GTIs [s]
livetime	8153.9412249586	Livetime [s]
ontime0	8167.7239253521	Sum of GTIs [s]
ontime1	8164.4432811737	Sum of GTIs [s]
ontime2	8170.8843210936	Sum of GTIs [s]
ontime3	8164.566401124	Sum of GTIs [s]
ontime5	8258.3513611555	Sum of GTIs [s]
ontime7	8258.5155211687	Sum of GTIs [s]
l2events	172475	Number of level 2 events

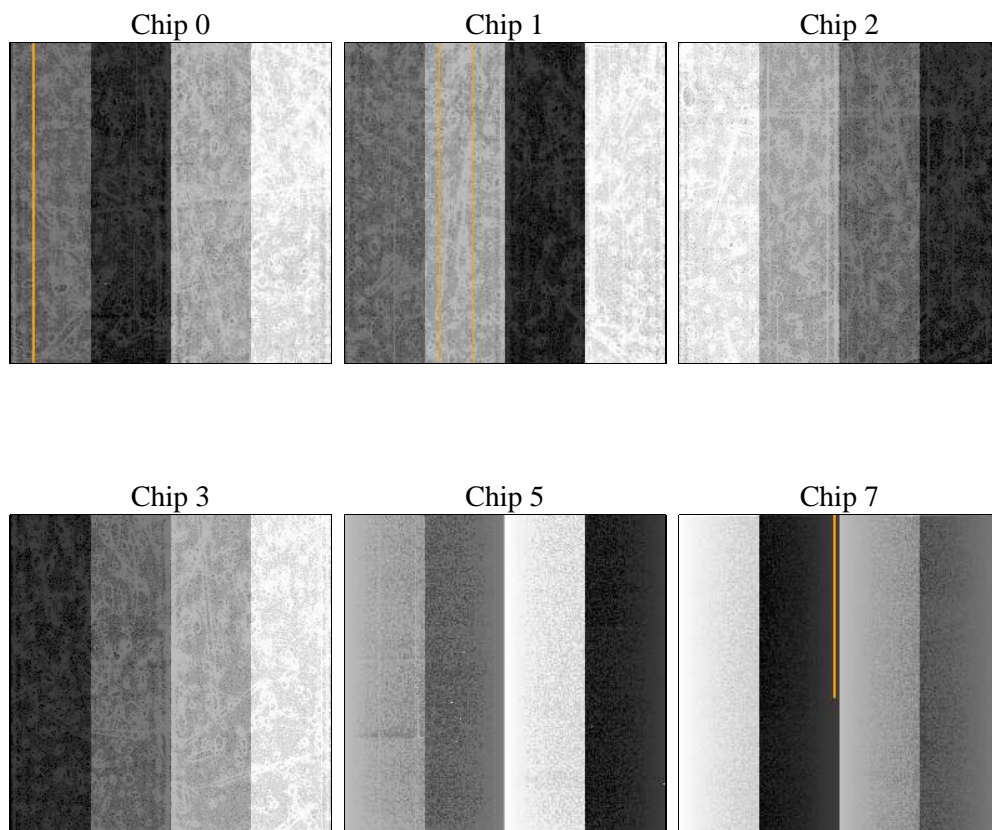
2 OBI

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	10.4	Processing system revision	ontime	8258.5155211687	Sum of GTIs [s]
caldbver	4.6.7	 	ontime0	8167.7239253521	Sum of GTIs [s]
date	2015-07-05T23:11:15	Date and time of file creation	ontime1	8164.4432811737	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8170.8843210936	Sum of GTIs [s]
			ontime3	8164.566401124	Sum of GTIs [s]
			ontime5	8258.3513611555	Sum of GTIs [s]
			ontime7	8258.5155211687	Sum of GTIs [s]
			l1events	830680	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	150322	150048	140783	149208	125389	114930	grade 0 events	11286	9558	10487	10507	4235	5427
rejected events	127989	128766	119926	128088	73590	68489		7%	6%	7%	7%	3%	4%
rejected %	85%	85%	85%	85%	58%	59%	grade 1 events	55	49	60	68	135	90
								0%	0%	0%	0%	0%	0%
							grade 2 events	4681	5183	4228	4264	19179	11621
								3%	3%	3%	2%	15%	10%
							grade 3 events	1431	1401	1475	1541	1559	3352
								0%	0%	1%	1%	1%	2%
							grade 4 events	1491	1343	1461	1457	1371	3415
								0%	0%	1%	0%	1%	2%
							grade 5 events	2737	2744	2611	3099	6671	7001
								1%	1%	1%	2%	5%	6%
							grade 6 events	3500	3850	3255	3411	25575	22745
								2%	2%	2%	2%	20%	19%
							grade 7 events	125141	125920	117206	124861	66664	61279
								83%	83%	83%	83%	53%	53%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012357	ACIS-012357
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	310.7827970286268
[deg] Pointing Dec	0	-25.27562017733614
[deg] Pointing Roll	0.0	89.78347089805484
[mm] SIM focus pos	-1.429586	-0.6828225247311905
[mm] SIM defocus	0.1037507710433287	0.8505141146731063
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	552490305.287338	552490304.2623399
Observation start date	2015-07-05T13:31:45	2015-07-05T13:31:44
[s] Observation end time (MET)	552500305.187901	552500304.1629
Observation end date	2015-07-05T16:18:25	2015-07-05T16:18:24
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
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)	2015.07.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2585155211687

A.2 Comments