

V&V Reference Report

L2 ASCDS Version : 10.4.1

Observation 51703 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Aug 6 2015

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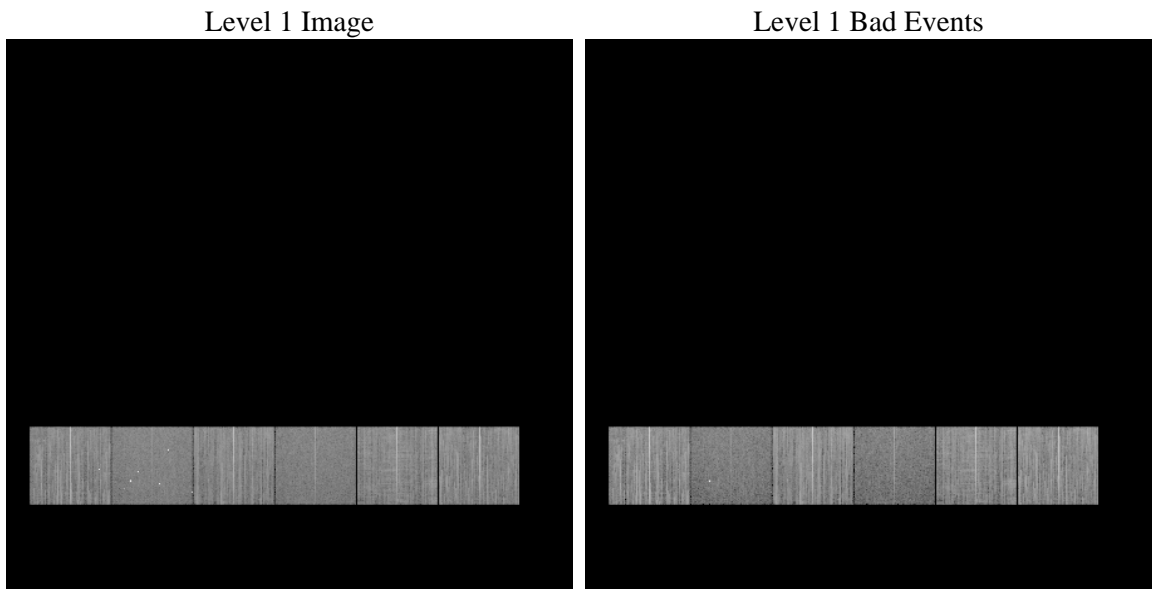
1 Front

seq_num	 	Sequence number
obs_id	51703	Observation id
title	ACIS-456789 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	334.97355253208	Nominal RA [deg]
dec_nom	1.0065669296999	Nominal Dec [deg]
roll_nom	133.68964945061	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8246.0734108686	Sum of GTIs [s]
livetime	8141.6566641509	Livetime [s]
ontime4	8245.9502907991	Sum of GTIs [s]
ontime5	8246.0323708057	Sum of GTIs [s]
ontime6	8245.991330862	Sum of GTIs [s]
ontime7	8246.0734108686	Sum of GTIs [s]
ontime8	8245.9092508554	Sum of GTIs [s]
ontime9	8246.1144508123	Sum of GTIs [s]
l2events	191950	Number of level 2 events

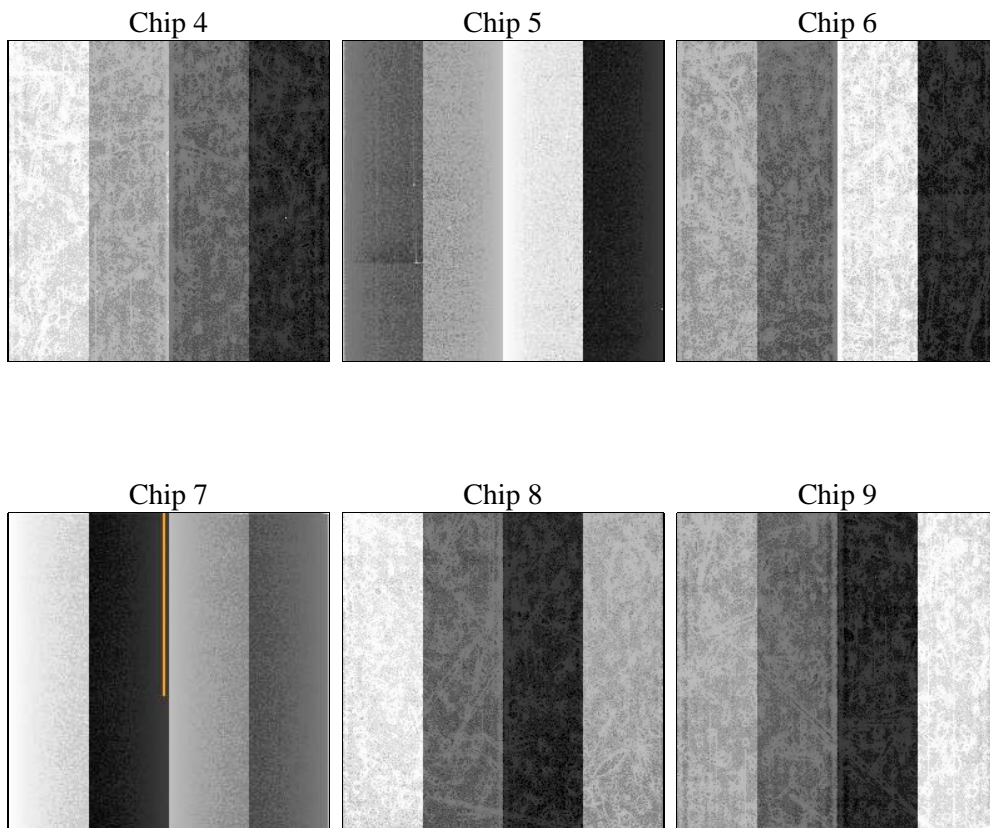
2 OBI

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	10.4.1	Processing system revision	ontime	8246.0734108686	Sum of GTIs [s]
caldsver	4.6.8	 	ontime4	8245.9502907991	Sum of GTIs [s]
date	2015-08-06T15:40:19	Date and time of file creation	ontime5	8246.0323708057	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	8245.991330862	Sum of GTIs [s]
			ontime7	8246.0734108686	Sum of GTIs [s]
			ontime8	8245.9092508554	Sum of GTIs [s]
			ontime9	8246.1144508123	Sum of GTIs [s]
			l1events	941967	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	170517	141832	164699	121876	169080	173963	grade 0 events	14598	12218	10922	6131	14095	11341
rejected events	144202	77499	140432	71351	134445	149943		8%	8%	6%	5%	8%	6%
rejected %	84%	54%	85%	58%	79%	86%	grade 1 events	127	243	66	94	71	75
								0%	0%	0%	0%	0%	0%
							grade 2 events	4774	20835	5611	12525	7647	5075
								2%	14%	3%	10%	4%	2%
							grade 3 events	1775	2019	1560	3799	2736	1691
								1%	1%	0%	3%	1%	0%
							grade 4 events	1699	1928	1579	3771	2680	1564
								0%	1%	0%	3%	1%	0%
							grade 5 events	3374	6211	3154	7769	4277	3564
								1%	4%	1%	6%	2%	2%
							grade 6 events	3488	27363	4606	24319	7492	4368
								2%	19%	2%	19%	4%	2%
							grade 7 events	140682	71015	137201	63468	130082	146285
								82%	50%	83%	52%	76%	84%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	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	334.9735525320827	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	1.006566929699919	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	133.6896494506074	[s] Primary exposure time	3.2	3.2
[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)	555189530.189208	555189529.16421			
Observation start date	2015-08-05T19:18:50	2015-08-05T19:18:49			
[s] Observation end time (MET)	555228090.691379	555228089.66638			
Observation end date	2015-08-06T06:01:31	2015-08-06T06:01:29			
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)	2015.08.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2460734108686

A.2 Comments