

V&V Reference Report

L2 ASCDS Version : 10.4.3

Observation 51376 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Dec 26 2015

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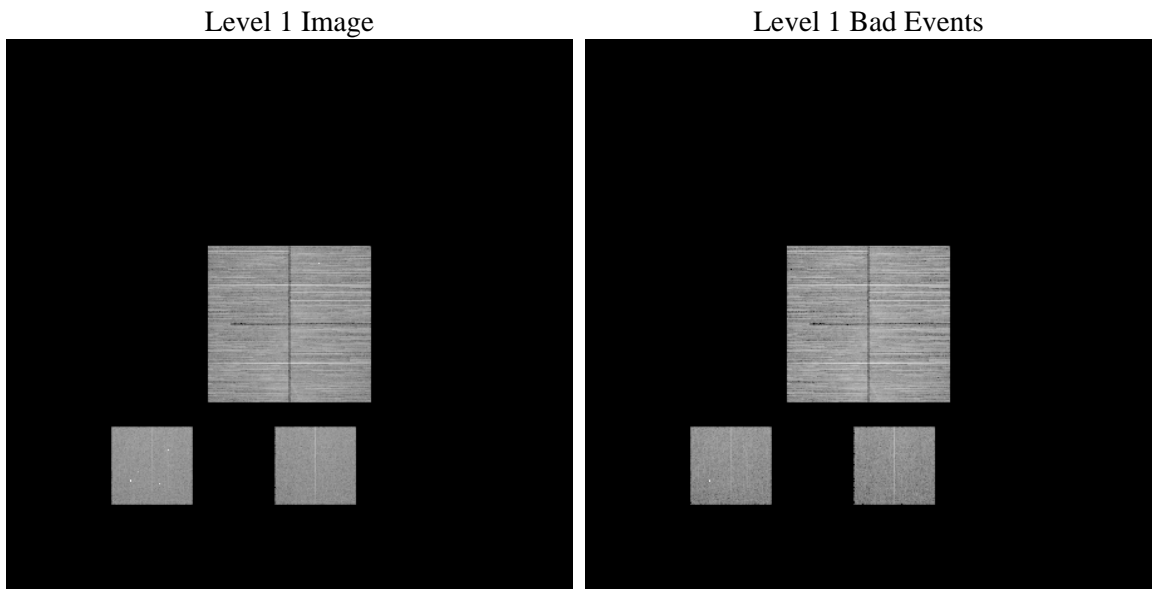
1 Front

seq_num	 	Sequence number
obs_id	51376	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	103.02840087559	Nominal RA [deg]
dec_nom	11.01850205702	Nominal Dec [deg]
roll_nom	31.773499812843	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8251.4718468189	Sum of GTIs [s]
livetime	8146.9867418547	Livetime [s]
ontime0	8251.430806756	Sum of GTIs [s]
ontime1	8251.3897668123	Sum of GTIs [s]
ontime2	8251.3487267494	Sum of GTIs [s]
ontime3	8251.5128867626	Sum of GTIs [s]
ontime5	8251.3076868057	Sum of GTIs [s]
ontime7	8251.4718468189	Sum of GTIs [s]
l2events	183763	Number of level 2 events

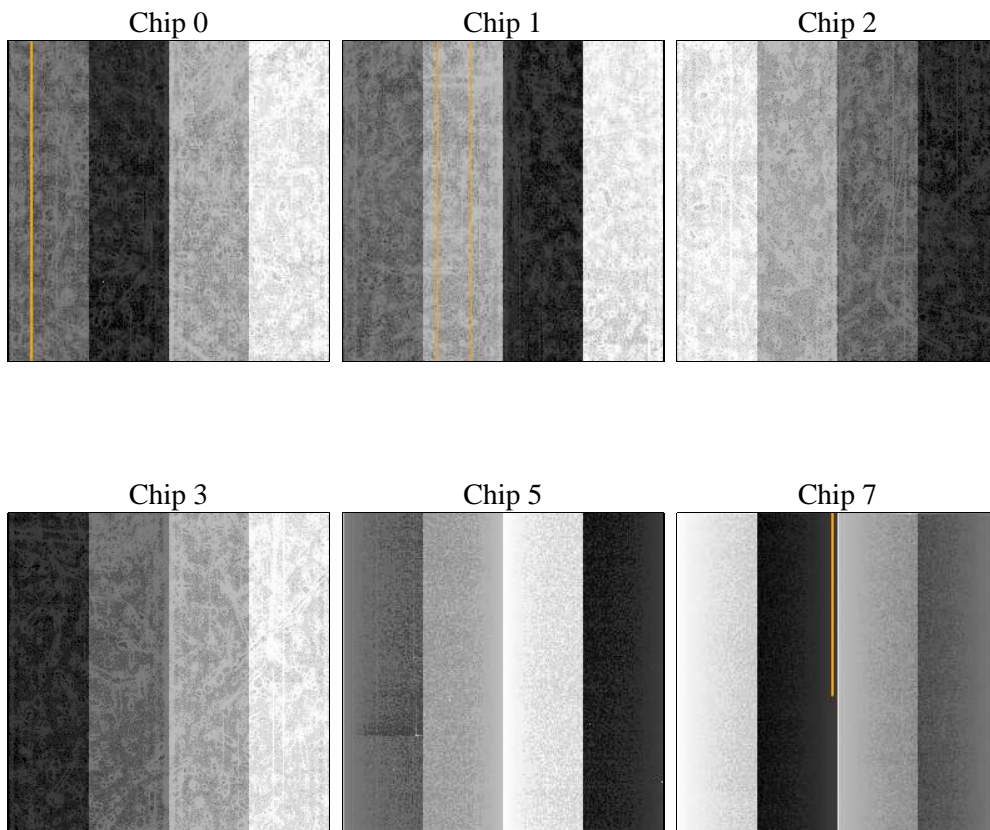
2 OBI

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	10.4.3	Processing system revision	ontime	8251.4718468189	Sum of GTIs [s]
caldbver	4.7.0	 	ontime0	8251.430806756	Sum of GTIs [s]
date	2015-12-27T01:46:16	Date and time of file creation	ontime1	8251.3897668123	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8251.3487267494	Sum of GTIs [s]
			ontime3	8251.5128867626	Sum of GTIs [s]
			ontime5	8251.3076868057	Sum of GTIs [s]
			ontime7	8251.4718468189	Sum of GTIs [s]
			l1events	930626	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	152641	173680	165665	168874	141613	128153	grade 0 events	10171	10792	10285	10211	6562	5985
rejected events	131388	151078	144694	147948	81911	75948		6%	6%	6%	6%	4%	4%
rejected %	86%	86%	87%	87%	57%	59%	grade 1 events	56	72	63	84	156	104
								0%	0%	0%	0%	0%	0%
							grade 2 events	4599	4961	4371	4215	21536	12944
								3%	2%	2%	2%	15%	10%
							grade 3 events	1507	1456	1524	1621	1879	4077
								0%	0%	0%	0%	1%	3%
							grade 4 events	1503	1498	1541	1552	1811	4033
								0%	0%	0%	0%	1%	3%
							grade 5 events	3201	3138	3049	3565	6664	8430
								2%	1%	1%	2%	4%	6%
							grade 6 events	3543	3972	3318	3399	28120	25344
								2%	2%	2%	2%	19%	19%
							grade 7 events	128061	147791	141514	144227	74885	67236
								83%	85%	85%	85%	52%	52%

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	103.0284008755918	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	11.01850205702018	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	31.77349981284321	[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)	567525767.475803	567525766.4507999			
Observation start date	2015-12-26T14:02:47	2015-12-26T14:02:46			
[s] Observation end time (MET)	567535630.026363	567535629.0013601			
Observation end date	2015-12-26T16:47:10	2015-12-26T16:47:09			
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)	2015.12.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2514718468189

A.2 Comments