

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56915 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 11 2012

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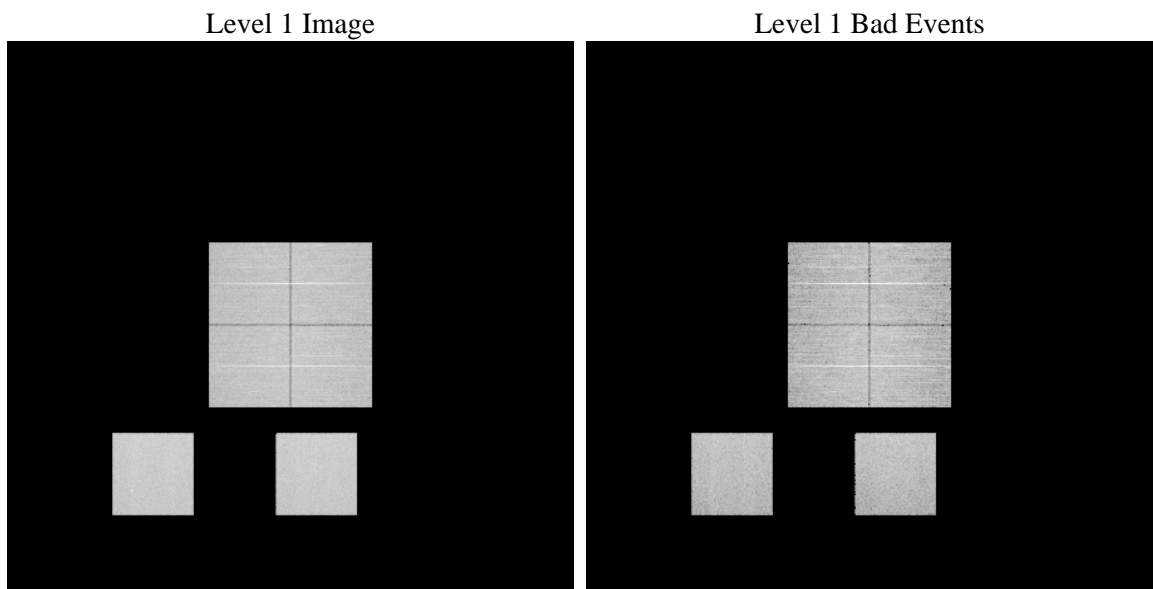
1 Front

seq_num	 	Sequence number
obs_id	56915	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	326.01509547451	Nominal RA [deg]
dec_nom	-38.973812760004	Nominal Dec [deg]
roll_nom	32.894891340721	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8451.1919374466	Sum of GTIs [s]
livetime	8344.1778564378	Livetime [s]
ontime0	8451.1999685764	Sum of GTIs [s]
ontime1	8451.1999685764	Sum of GTIs [s]
ontime2	8451.1999685764	Sum of GTIs [s]
ontime3	8451.1508974433	Sum of GTIs [s]
ontime5	8451.1999685764	Sum of GTIs [s]
ontime7	8451.1919374466	Sum of GTIs [s]
l2events	516331	Number of level 2 events

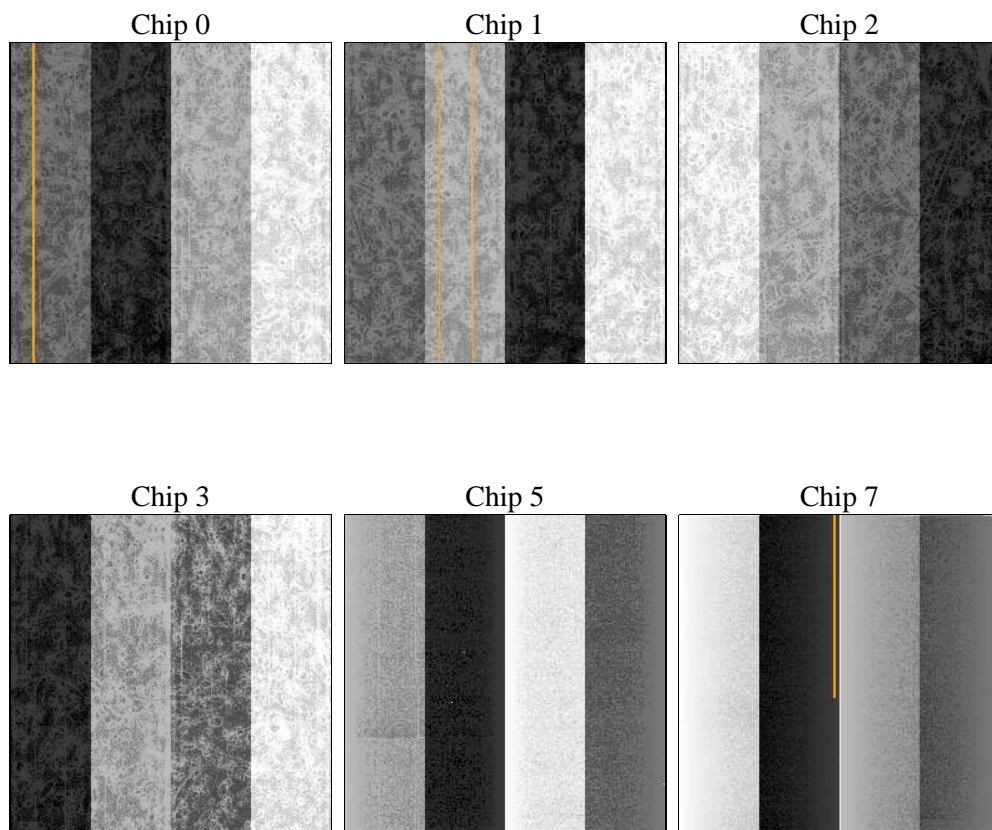
2 OBI

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	8.4.5	Processing system revision	ontime	8451.1919374466	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8451.1999685764	Sum of GTIs [s]
date	2012-06-11T03:33:42	Date and time of file creation	ontime1	8451.1999685764	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8451.1999685764	Sum of GTIs [s]
			ontime3	8451.1508974433	Sum of GTIs [s]
			ontime5	8451.1999685764	Sum of GTIs [s]
			ontime7	8451.1919374466	Sum of GTIs [s]
			l1events	1013165	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	150689	155476	159169	162578	193384	191869	grade 0 events	40445	40052	41781	42270	14129	21089
rejected events	74244	78223	82237	85098	77117	75054		26%	25%	26%	25%	7%	10%
rejected %	49%	50%	51%	52%	39%	39%	grade 1 events	322	256	349	347	232	198
								0%	0%	0%	0%	0%	0%
							grade 2 events	13916	14835	13298	13305	43283	25628
								9%	9%	8%	8%	22%	13%
							grade 3 events	5121	5137	5359	5327	4870	10529
								3%	3%	3%	3%	2%	5%
							grade 4 events	5139	5167	5273	5344	4715	10565
								3%	3%	3%	3%	2%	5%
							grade 5 events	4238	4323	4064	4651	9794	12095
								2%	2%	2%	2%	5%	6%
							grade 6 events	11824	12062	11221	11234	49270	49004
								7%	7%	7%	6%	25%	25%
							grade 7 events	69684	73644	77824	80100	67091	62761
								46%	47%	48%	49%	34%	32%

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	326.0150954745126	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-38.97381276000418	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	32.89489134072094	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	365580476.839643	365580475.81464			
Observation start date	2009-08-02T06:07:57	2009-08-02T06:07:55			
[s] Observation end time (MET)	365593274.990285	365593273.96528			
Observation end date	2009-08-02T09:41:15	2009-08-02T09:41:13			
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)	2012.06.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4511919374466

A.2 Comments