

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 54554 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jun 12 2012

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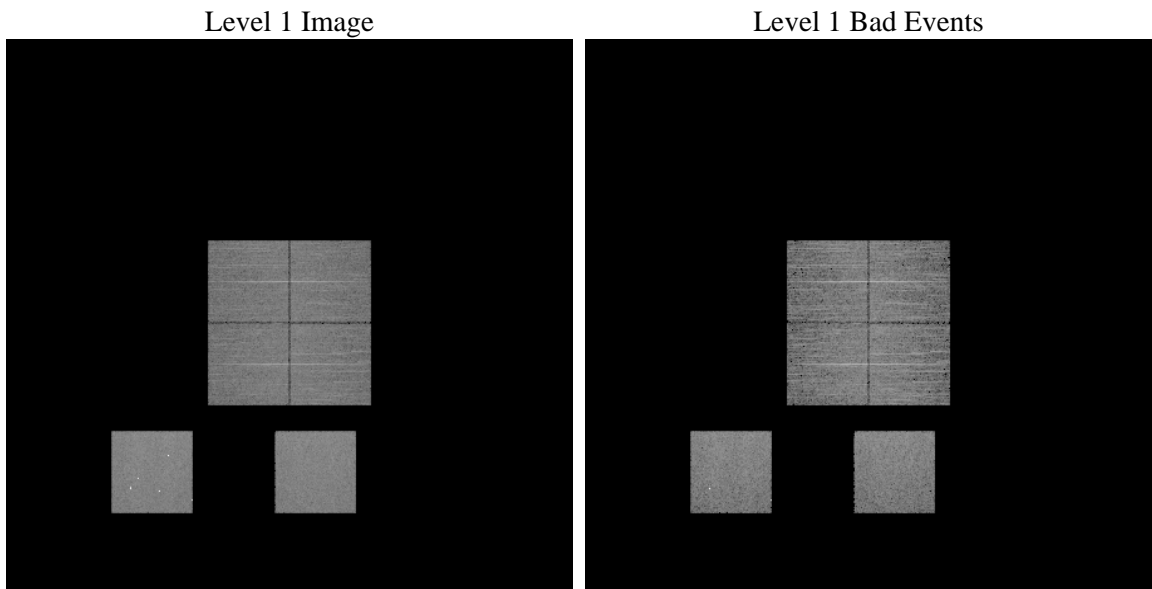
1 Front

seq_num	 	Sequence number
obs_id	54554	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	252.48079238155	Nominal RA [deg]
dec_nom	-0.027950452816907	Nominal Dec [deg]
roll_nom	197.61917789079	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8287.2989712954	Sum of GTIs [s]
livetime	8182.3602017085	Livetime [s]
ontime0	8287.2989714146	Sum of GTIs [s]
ontime1	8287.2989714146	Sum of GTIs [s]
ontime2	8287.2989714146	Sum of GTIs [s]
ontime3	8287.2989714146	Sum of GTIs [s]
ontime5	8289.6914491653	Sum of GTIs [s]
ontime7	8287.2989712954	Sum of GTIs [s]
l2events	278750	Number of level 2 events

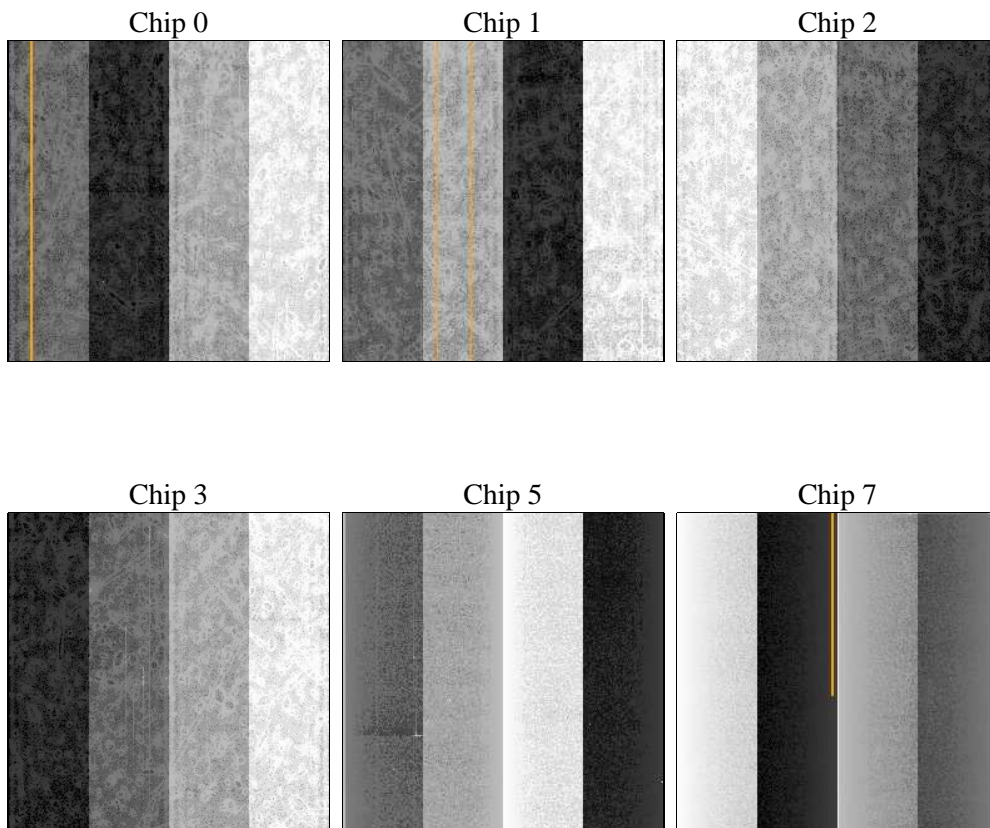
2 OBI

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	8.4.5	Processing system revision	ontime	8287.2989712954	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8287.2989714146	Sum of GTIs [s]
date	2012-06-12T05:02:29	Date and time of file creation	ontime1	8287.2989714146	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8287.2989714146	Sum of GTIs [s]
			ontime3	8287.2989714146	Sum of GTIs [s]
			ontime5	8289.6914491653	Sum of GTIs [s]
			ontime7	8287.2989712954	Sum of GTIs [s]
			l1events	603714	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	86381	86377	88438	91129	132478	118911	grade 0 events	20453	19975	21322	21266	14462	10657
rejected events	46769	46738	48817	51466	56040	53336		23%	23%	24%	23%	10%	8%
rejected %	54%	54%	55%	56%	42%	44%	grade 1 events	124	109	145	118	531	100
								0%	0%	0%	0%	0%	0%
							grade 2 events	7498	7927	6874	6841	25391	14101
								8%	9%	7%	7%	19%	11%
							grade 3 events	2750	2676	2687	2766	2806	5775
								3%	3%	3%	3%	2%	4%
							grade 4 events	2699	2650	2871	2800	2627	5825
								3%	3%	3%	3%	1%	4%
							grade 5 events	3079	3220	3067	3512	7121	8305
								3%	3%	3%	3%	5%	6%
							grade 6 events	6212	6411	5867	5990	31152	29217
								7%	7%	6%	6%	23%	24%
							grade 7 events	43566	43409	45605	47836	48388	44931
								50%	50%	51%	52%	36%	37%

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	252.4807923815485	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-0.02795045281690681	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	197.6191778907889	[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)	455823111.687582	455823110.66258			
Observation start date	2012-06-11T17:31:52	2012-06-11T17:31:50			
[s] Observation end time (MET)	455834542.48819	455834541.46319			
Observation end date	2012-06-11T20:42:22	2012-06-11T20:42:21			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2872989712954

A.2 Comments