

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58164 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 2 2012

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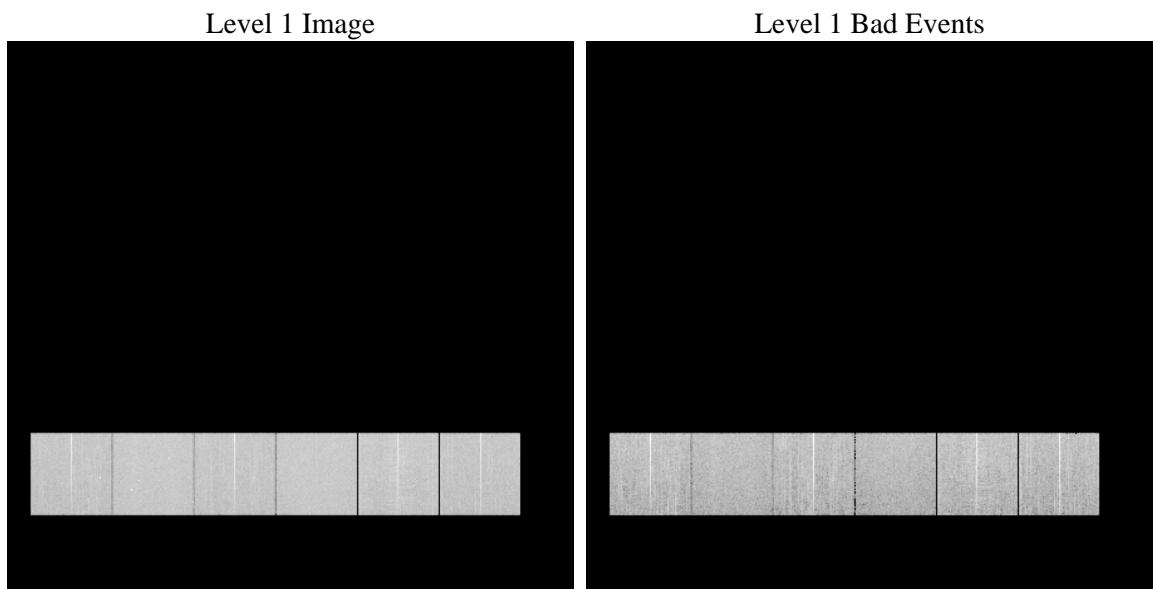
1 Front

seq_num	 	Sequence number
obs_id	58164	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	42.005484428462	Nominal RA [deg]
dec_nom	-11.971800725151	Nominal Dec [deg]
roll_nom	46.390210986913	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8198.3999695182	Sum of GTIs [s]
livetime	8094.5868926203	Livetime [s]
ontime4	8198.3999695182	Sum of GTIs [s]
ontime5	8198.3999695182	Sum of GTIs [s]
ontime6	8198.3999695182	Sum of GTIs [s]
ontime7	8198.3999695182	Sum of GTIs [s]
ontime8	8191.9179590344	Sum of GTIs [s]
ontime9	8198.3999695182	Sum of GTIs [s]
l2events	693669	Number of level 2 events

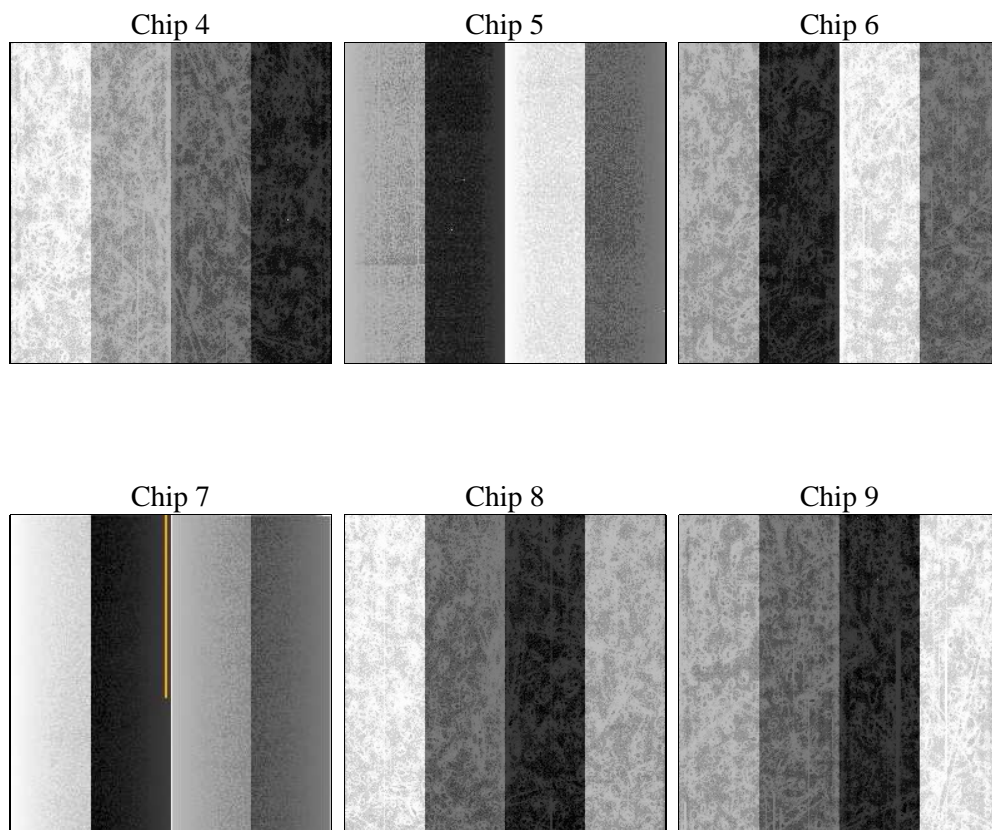
2 OBI

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	8.4.4	Processing system revision	ontime	8198.3999695182	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8198.3999695182	Sum of GTIs [s]
date	2012-05-02T22:58:00	Date and time of file creation	ontime5	8198.3999695182	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8198.3999695182	Sum of GTIs [s]
			ontime7	8198.3999695182	Sum of GTIs [s]
			ontime8	8191.9179590344	Sum of GTIs [s]
			ontime9	8198.3999695182	Sum of GTIs [s]
			l1events	1219785	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	191492	212697	196296	213954	214538	190808	grade 0 events	62592	21400	61645	29926	66057	60692
rejected events	84102	73488	81383	68072	87219	79685		32%	10%	31%	13%	30%	31%
rejected %	43%	34%	41%	31%	40%	41%	grade 1 events	642	229	362	168	473	445
								0%	0%	0%	0%	0%	0%
							grade 2 events	16889	52465	20686	32152	23242	19283
								8%	24%	10%	15%	10%	10%
							grade 3 events	7502	6569	7417	13771	8947	7435
								3%	3%	3%	6%	4%	3%
							grade 4 events	7463	6450	7428	13672	9012	7480
								3%	3%	3%	6%	4%	3%
							grade 5 events	4226	9679	4339	11003	5488	4859
								2%	4%	2%	5%	2%	2%
							grade 6 events	13910	53640	18798	57676	21143	17138
								7%	25%	9%	26%	9%	8%
							grade 7 events	78268	62265	75621	55586	80176	73476
								40%	29%	38%	25%	37%	38%

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	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	42.00548442846215	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-11.9718007251512	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	46.39021098691317			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	308912257.145563	308912256.12056			
Observation start date	2007-10-16T08:57:37	2007-10-16T08:57:36			
[s] Observation end time (MET)	308934259.796624	308934258.77162			
Observation end date	2007-10-16T15:04:20	2007-10-16T15:04:18			
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)	2012.05.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1983999695182

A.2 Comments