

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60912 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 19 2012

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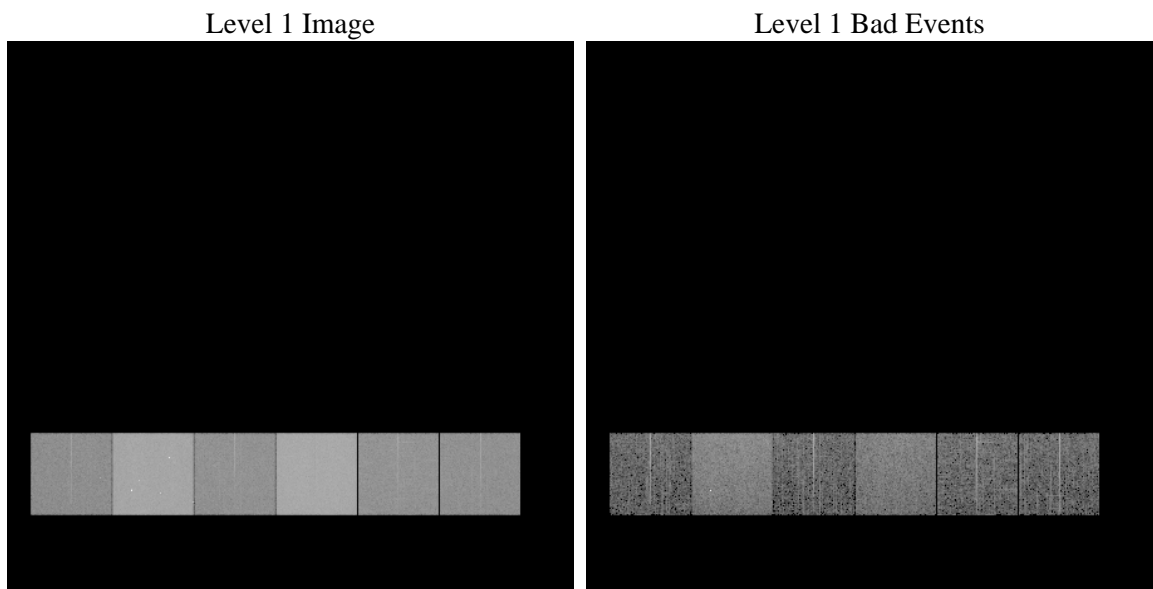
1 Front

seq_num	 	Sequence number
obs_id	60912	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	326.92854824977	Nominal RA [deg]
dec_nom	20.789766147803	Nominal Dec [deg]
roll_nom	306.15362997081	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8463.9999684691	Sum of GTIs [s]
livetime	8356.8237044595	Livetime [s]
ontime4	3353.6410014033	Sum of GTIs [s]
ontime5	8463.9999684691	Sum of GTIs [s]
ontime6	3658.2552691996	Sum of GTIs [s]
ontime7	8463.9999684691	Sum of GTIs [s]
ontime8	3745.1440679431	Sum of GTIs [s]
ontime9	3570.1295228601	Sum of GTIs [s]
l2events	1294525	Number of level 2 events

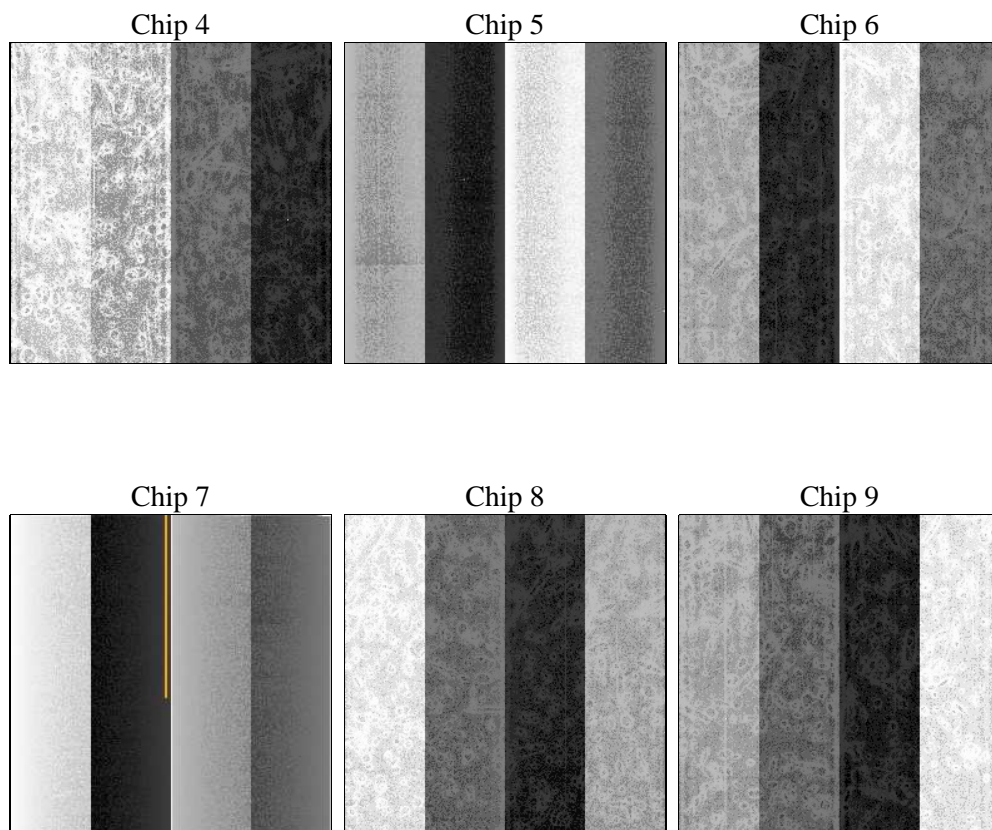
2 OBI

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	8463.9999684691	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	3353.6410014033	Sum of GTIs [s]
date	2012-10-19T15:29:52	Date and time of file creation	ontime5	8463.9999684691	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3658.2552691996	Sum of GTIs [s]
			ontime7	8463.9999684691	Sum of GTIs [s]
			ontime8	3745.1440679431	Sum of GTIs [s]
			ontime9	3570.1295228601	Sum of GTIs [s]
			l1events	1545390	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	164551	389229	189610	424439	197581	179980	grade 0 events	82147	79398	91108	96268	94892	86531
rejected events	23024	53405	23433	40953	25973	23663		49%	20%	48%	22%	48%	48%
rejected %	13%	13%	12%	9%	13%	13%	grade 1 events	523	277	436	228	400	459
								0%	0%	0%	0%	0%	0%
							grade 2 events	22595	121717	28618	84435	29520	26657
								13%	31%	15%	19%	14%	14%
							grade 3 events	9365	20889	10142	38855	11109	10030
								5%	5%	5%	9%	5%	5%
							grade 4 events	9219	20630	10268	38298	11040	10031
								5%	5%	5%	9%	5%	5%
							grade 5 events	1526	9781	1730	8068	1961	1786
								0%	2%	0%	1%	0%	0%
							grade 6 events	18201	93190	26041	125630	25047	23068
								11%	23%	13%	29%	12%	12%
							grade 7 events	20975	43347	21267	32657	23612	21418
								12%	11%	11%	7%	11%	11%

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	326.9285482497675	Alternating exposures requested	N	N
[deg] Pointing Dec	0	20.7897661478029	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	306.1536299708104			
[mm] SIM focus pos	-0.684267	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	156983496.909271	156983495.88457			
Observation start date	2002-12-22T22:31:37	2002-12-22T22:31:35			
[s] Observation end time (MET)	157004806.660159	157004805.63546			
Observation end date	2002-12-23T04:26:47	2002-12-23T04:26:45			
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)	2012.11.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4639999684691

A.2 Comments