

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5020 - L2 Version 001
Chandra X-Ray Center

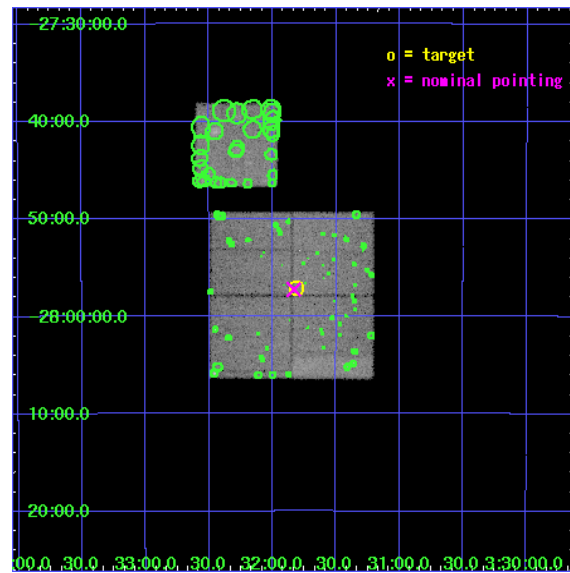
L2 Processing Date : Apr 12 2006

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1 Front

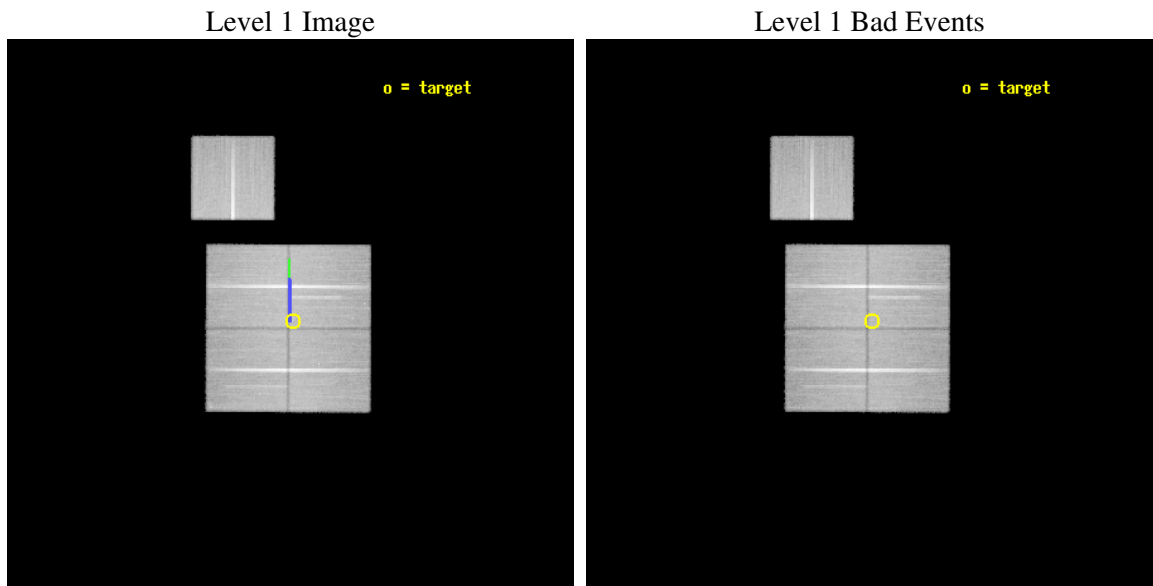
seq_num	900328
obs_id	5020
title	The Extended Chandra Deep Field-South Survey: A Public Chandra Legacy
observer	Prof. William Brandt
object	Extended CDF-S #3
dtcycle	0
cycle	P
ra_targ	52.953271
dec_targ	-27.95225
ra_nom	52.958097548369
dec_nom	-27.954044160767
roll_nom	0.21094700405055
revision	2
ontime	78618.935878038
livetime	77591.721602373
ontime0	78603.231006414
ontime1	78615.79485786
ontime2	78618.935897887
ontime3	78618.935878038
ontime6	78622.076888055
l2events	202507



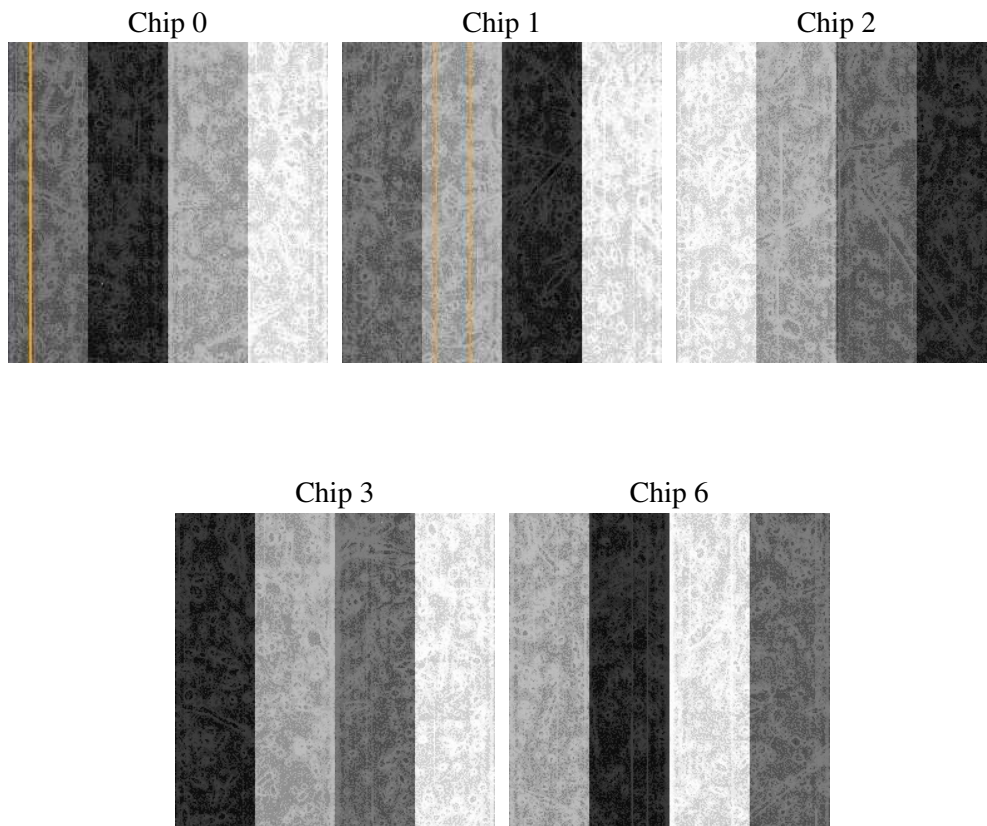
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-04-12T09:07:47
revision	2

sched_exp_time	78858.696000
ontime	78622.649496585
ontime0	78606.94462496
ontime1	78619.508516282
ontime2	78622.649536371
ontime3	78622.649496585
ontime6	78625.790506601
l1events	2359862

2.1.4 Events

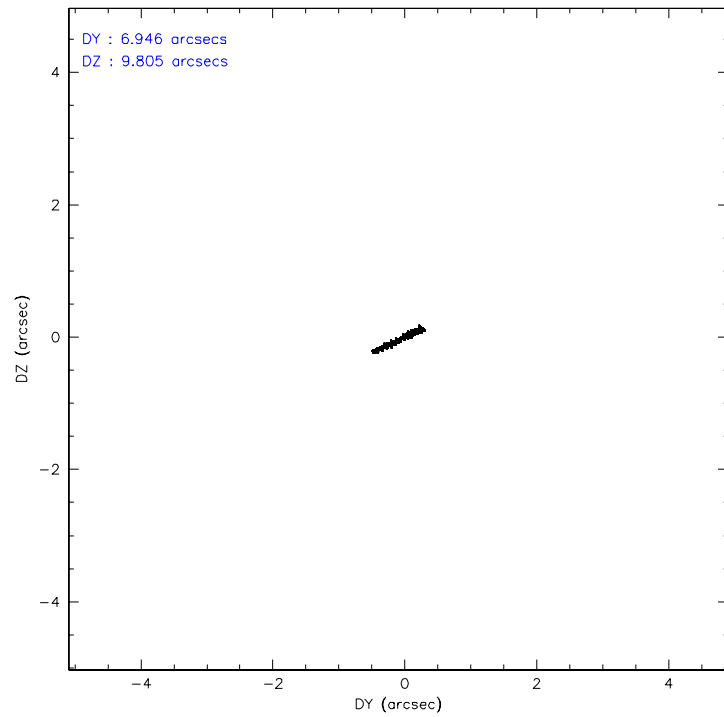
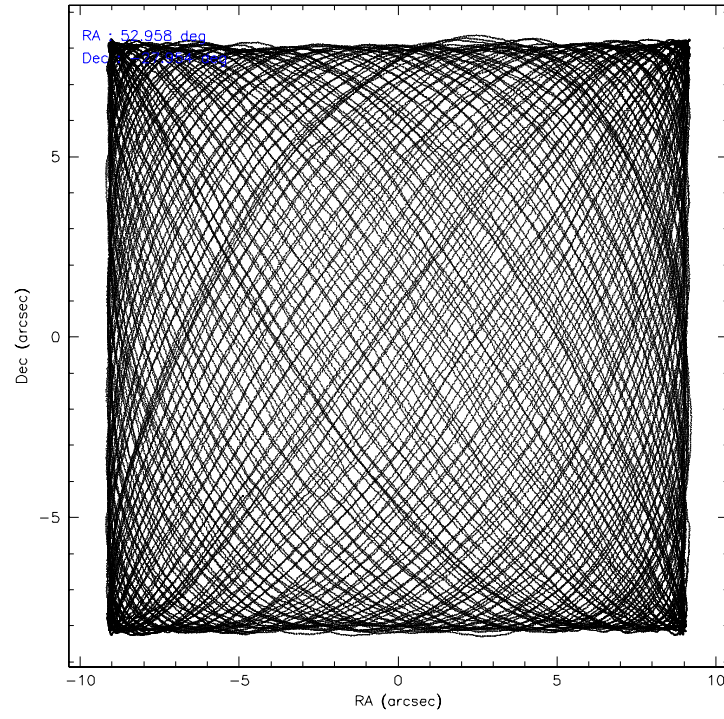
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	444675	449628	497073	484017	484469
rejected events	396655	395915	450235	438211	434654
rejected %	89%	88%	90%	90%	89%

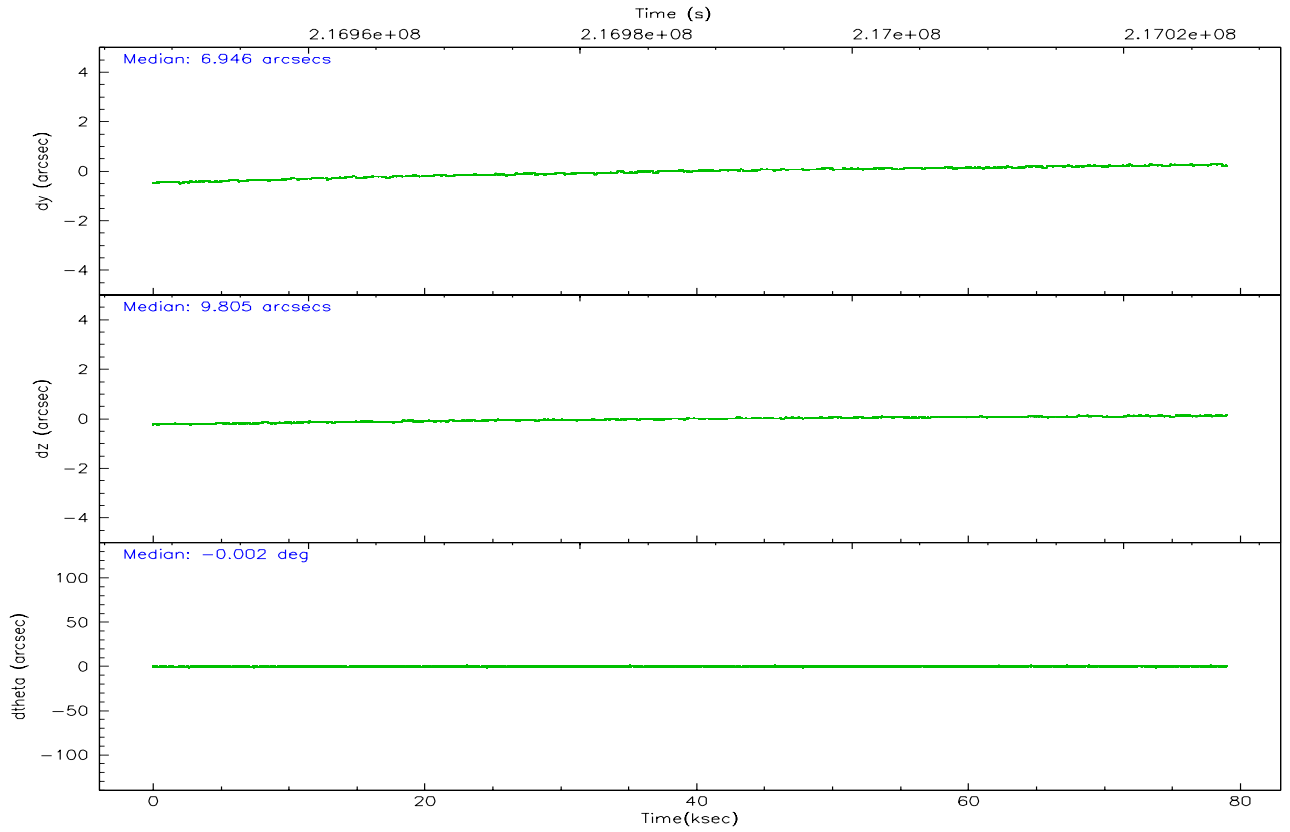
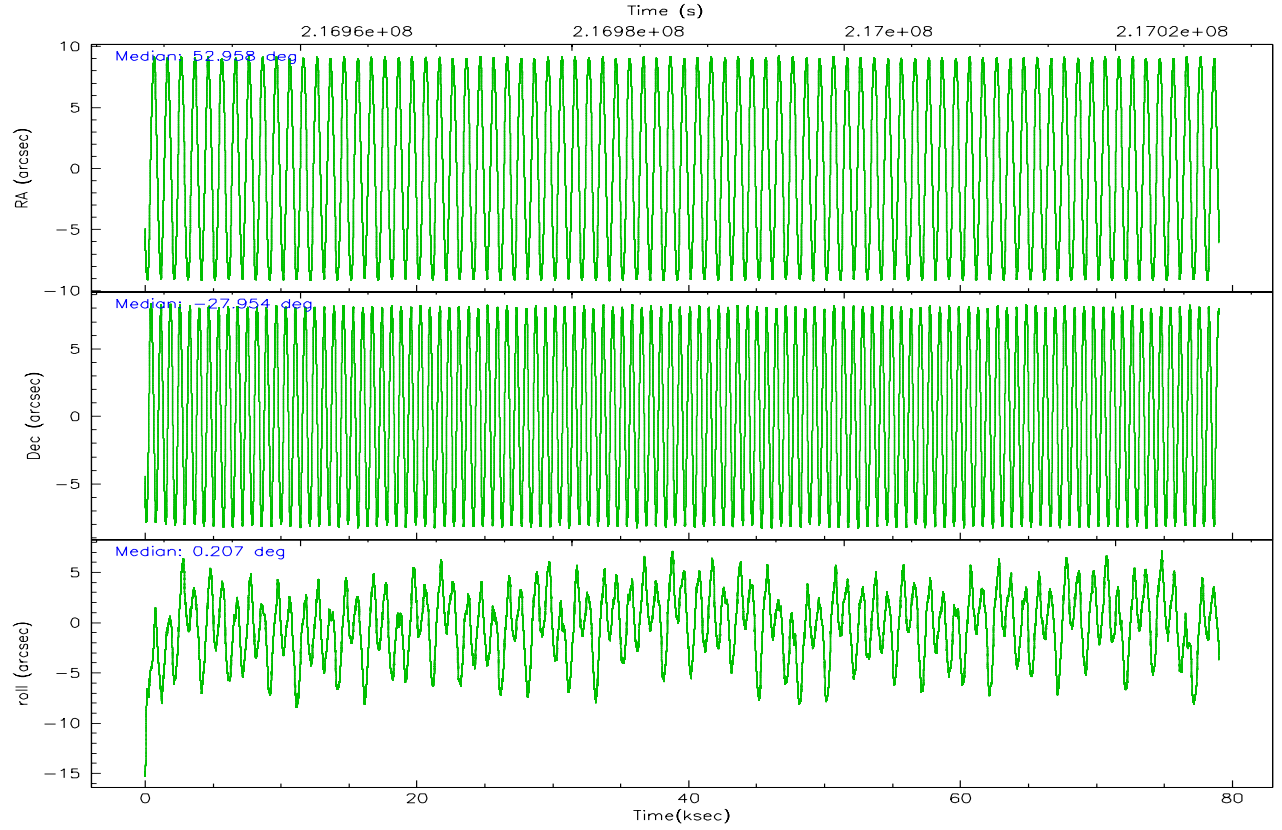
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	16643	19552	16378	16188	17720
	3%	4%	3%	3%	3%
grade 1 events	235	199	253	243	193
	0%	0%	0%	0%	0%
grade 2 events	11576	11826	11288	10003	10766
	2%	2%	2%	2%	2%
grade 3 events	5545	5904	5111	5314	5563
	1%	1%	1%	1%	1%
grade 4 events	5152	5896	5324	5166	5409
	1%	1%	1%	1%	1%
grade 5 events	16985	18179	15579	18783	18613
	3%	4%	3%	3%	3%
grade 6 events	9106	10536	8740	9136	10358
	2%	2%	1%	1%	2%
grade 7 events	379433	377536	434400	419184	415847
	85%	83%	87%	86%	85%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01236	ACIS-01236	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	52.931381	52.95809754836857	Alternating exposures requested	N	N
Pointing Dec	-27.967918	-27.95404416076651	Primary exposure time	0.000000	3.1
Pointing Roll	359.989736	0.210947004050553			
Roll angle	0.000000	0.000000			
Roll tolerance	2.000000	2.000000			
Roll constraint allows 180D rotation	N	N			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	216948751.184000	216948375.97064			
Observation start date	2004-11-15T23:31:27	2004-11-15T23:26:15			
Observation end time	217027610.184000	217027832.4367			
Observation end date	2004-11-16T21:25:46	2004-11-16T21:30:32			
Read mode	TIMED	TIMED			

2.3 Aspect



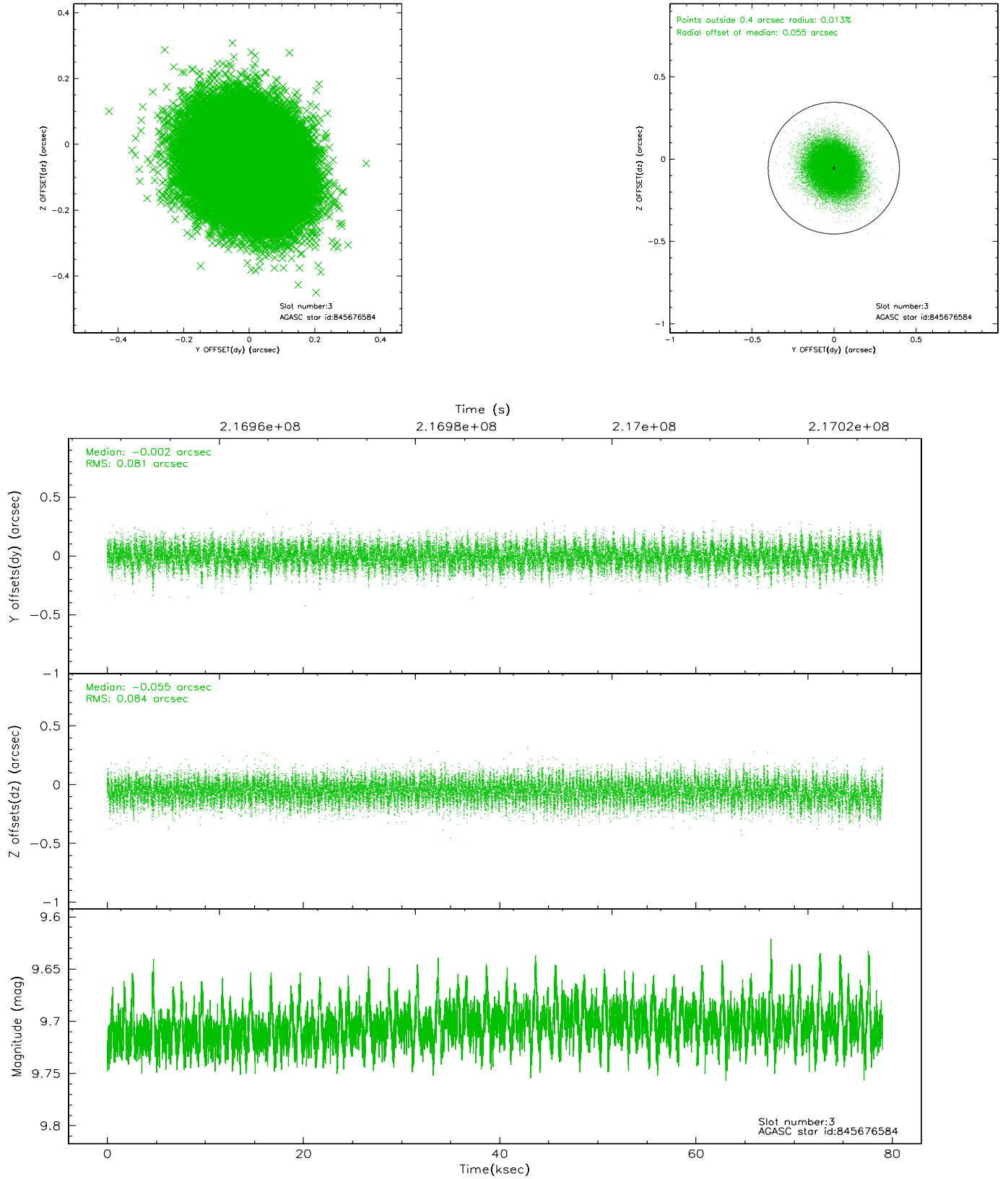


Slot Statistics

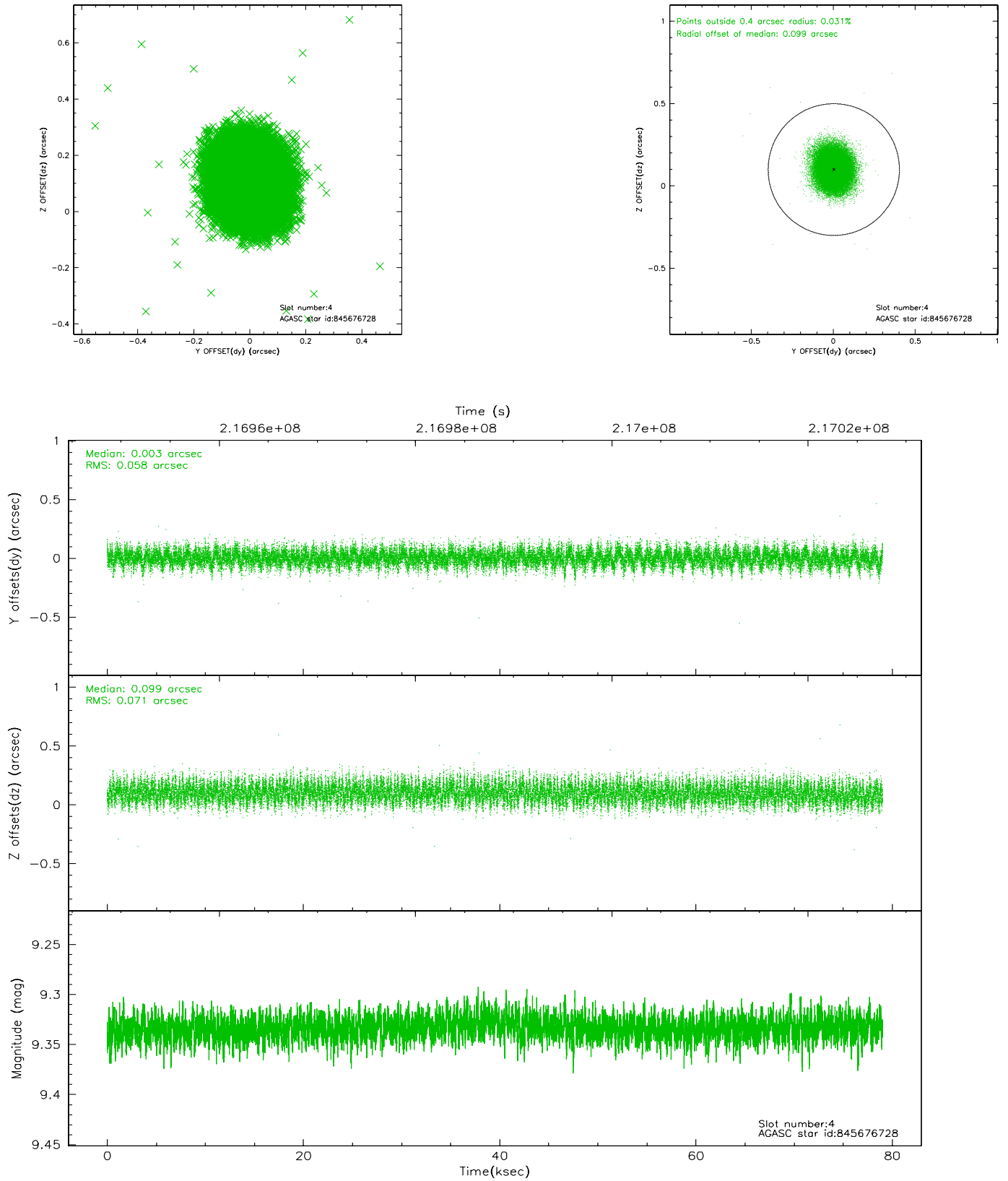
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	19278	-0.016	0.046	0.009	0.017	0.000000	0.000000	932.76	-833.20
1	FID	ACIS-I-5	7.23	19276	-0.134	0.017	0.008	0.014	0.000000	0.000000	-1815.51	1064.28
2	FID	ACIS-I-6	7.26	19277	0.058	0.008	0.008	0.014	0.000000	0.000000	398.44	1708.70
3	GUIDE	845676584	9.70	38523	-0.002	-0.055	0.125	0.201	52.264247	-27.542890	-2129.70	1523.99
4	GUIDE	845676728	9.33	38523	0.003	0.099	0.097	0.156	52.877179	-27.664318	-172.92	1093.24
5	GUIDE	845676936	9.49	38516	-0.013	-0.143	0.092	0.148	52.843773	-27.880153	-278.46	315.95
6	GUIDE	845682456	9.49	38531	0.039	0.037	0.094	0.151	52.409641	-28.494459	-1649.83	-1899.37
7	GUIDE	845683416	8.60	38548	-0.024	0.064	0.080	0.128	52.400573	-28.566798	-1677.66	-2159.87

2.4 Star Slots

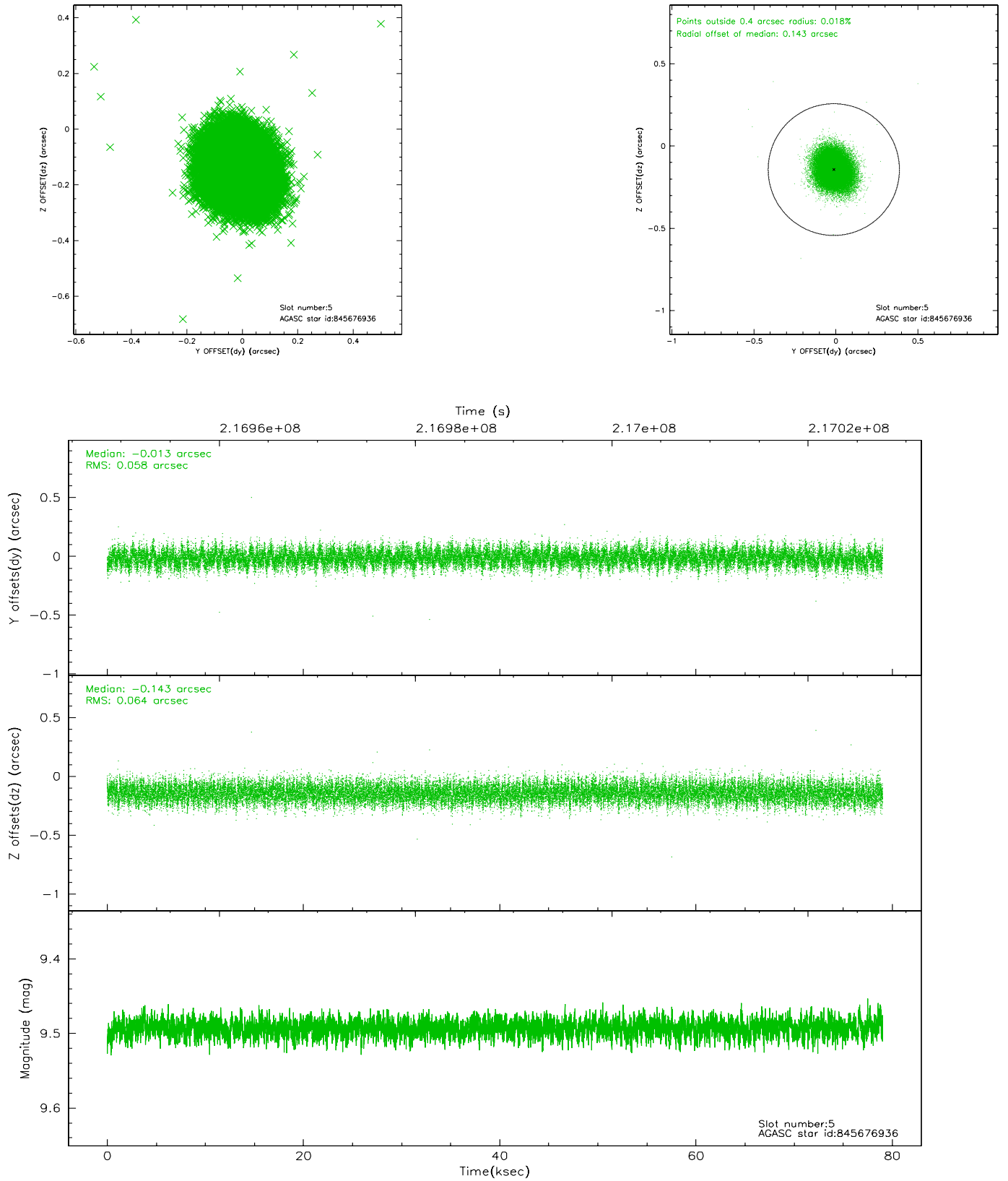
2.4.1 Slot 3



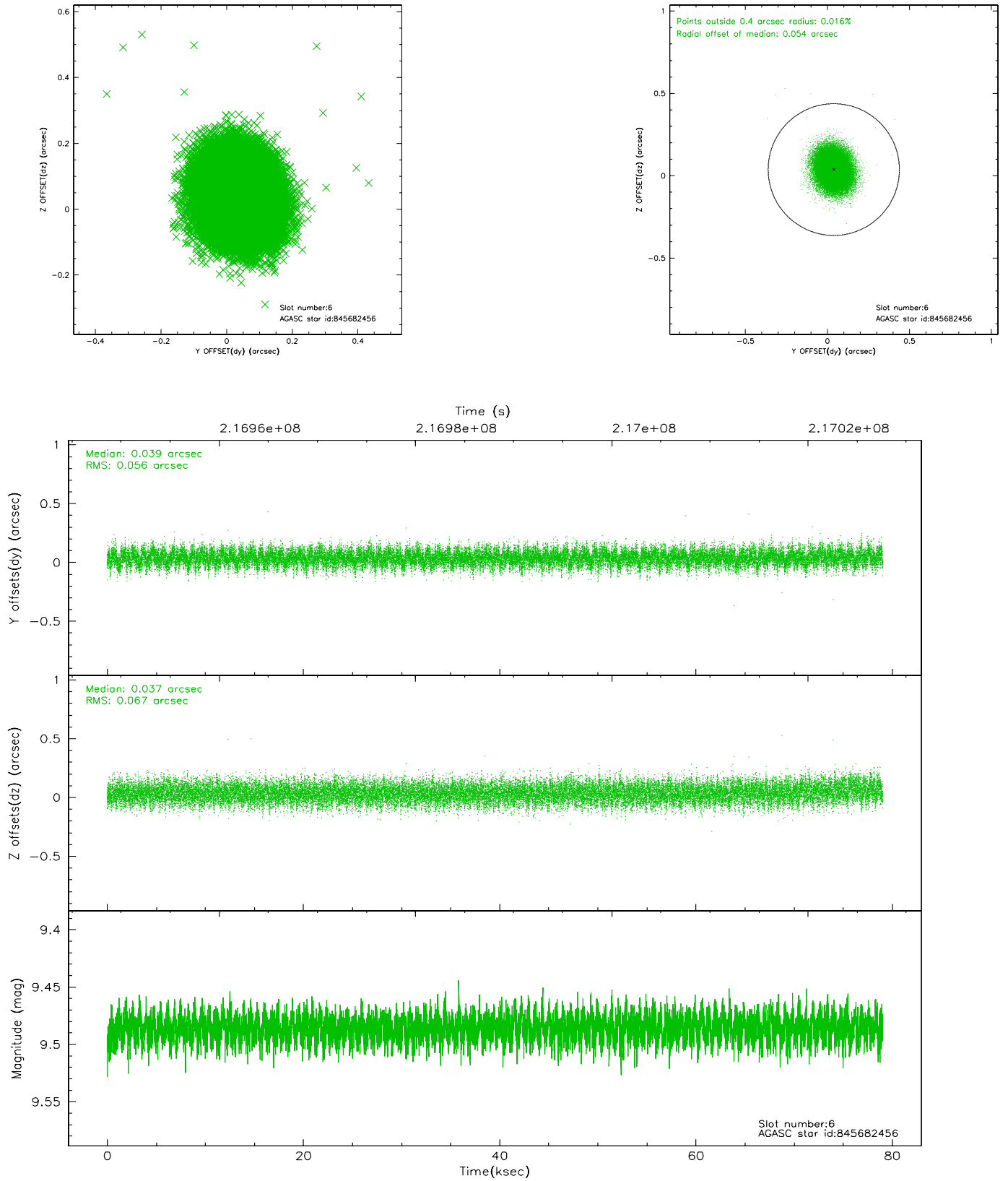
2.4.2 Slot 4



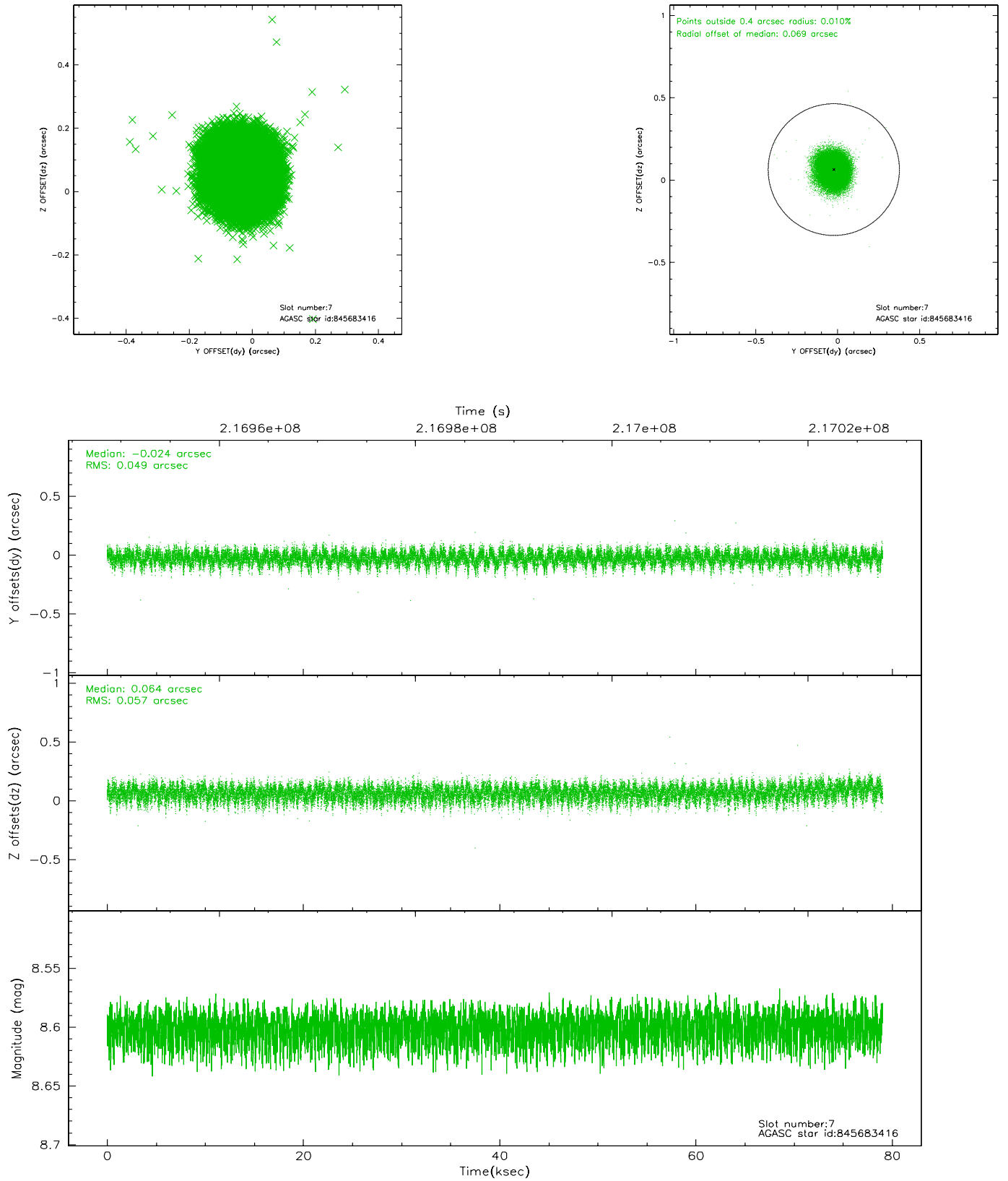
2.4.3 Slot 5



2.4.4 Slot 6

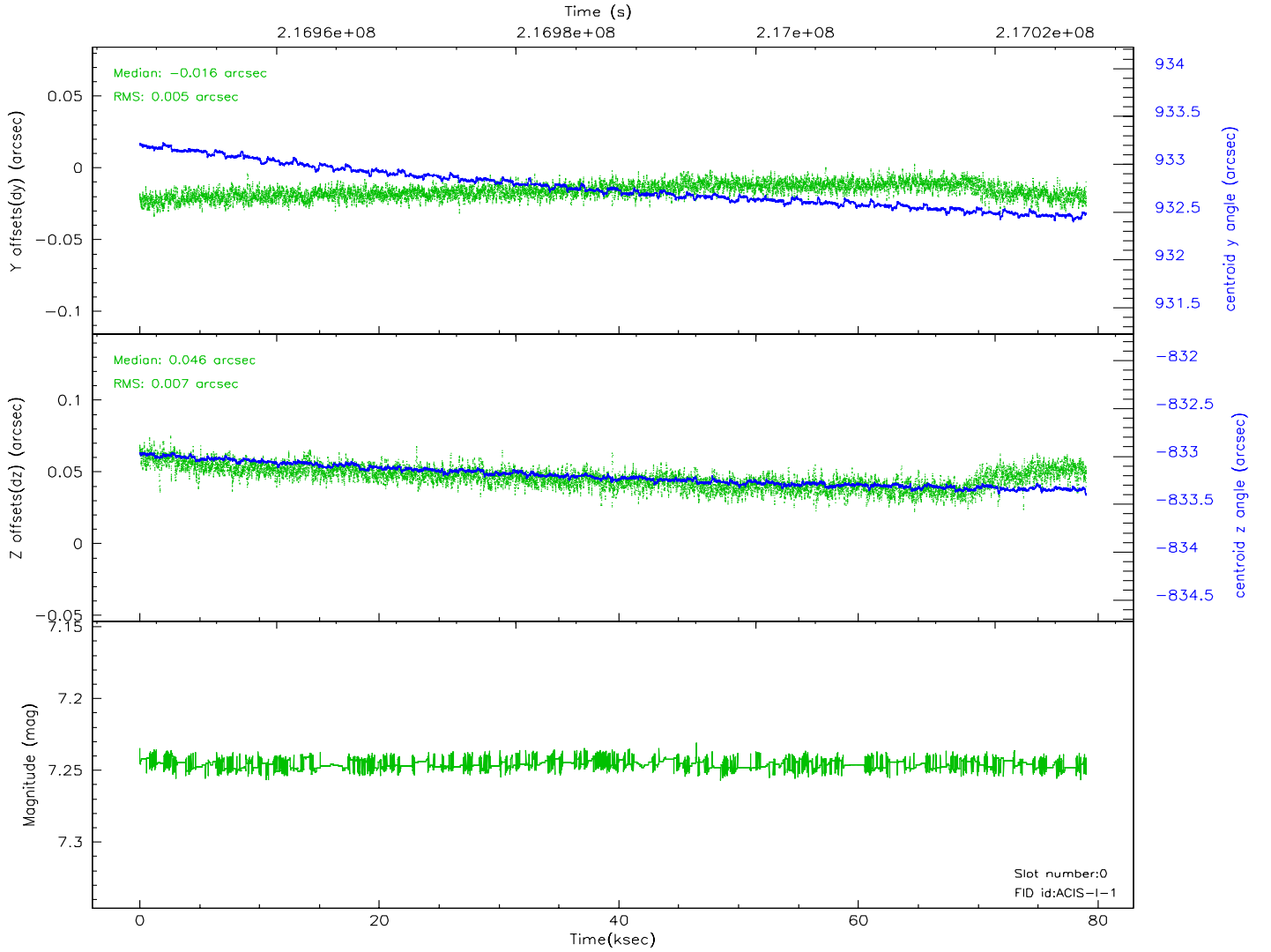
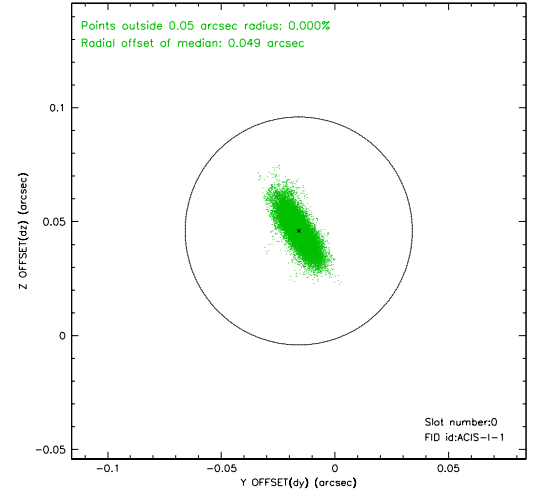
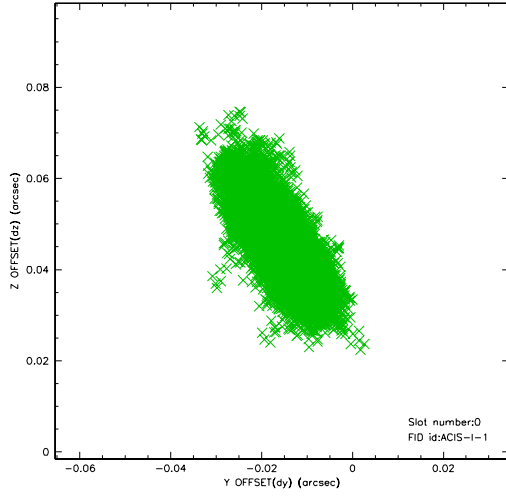


2.4.5 Slot 7

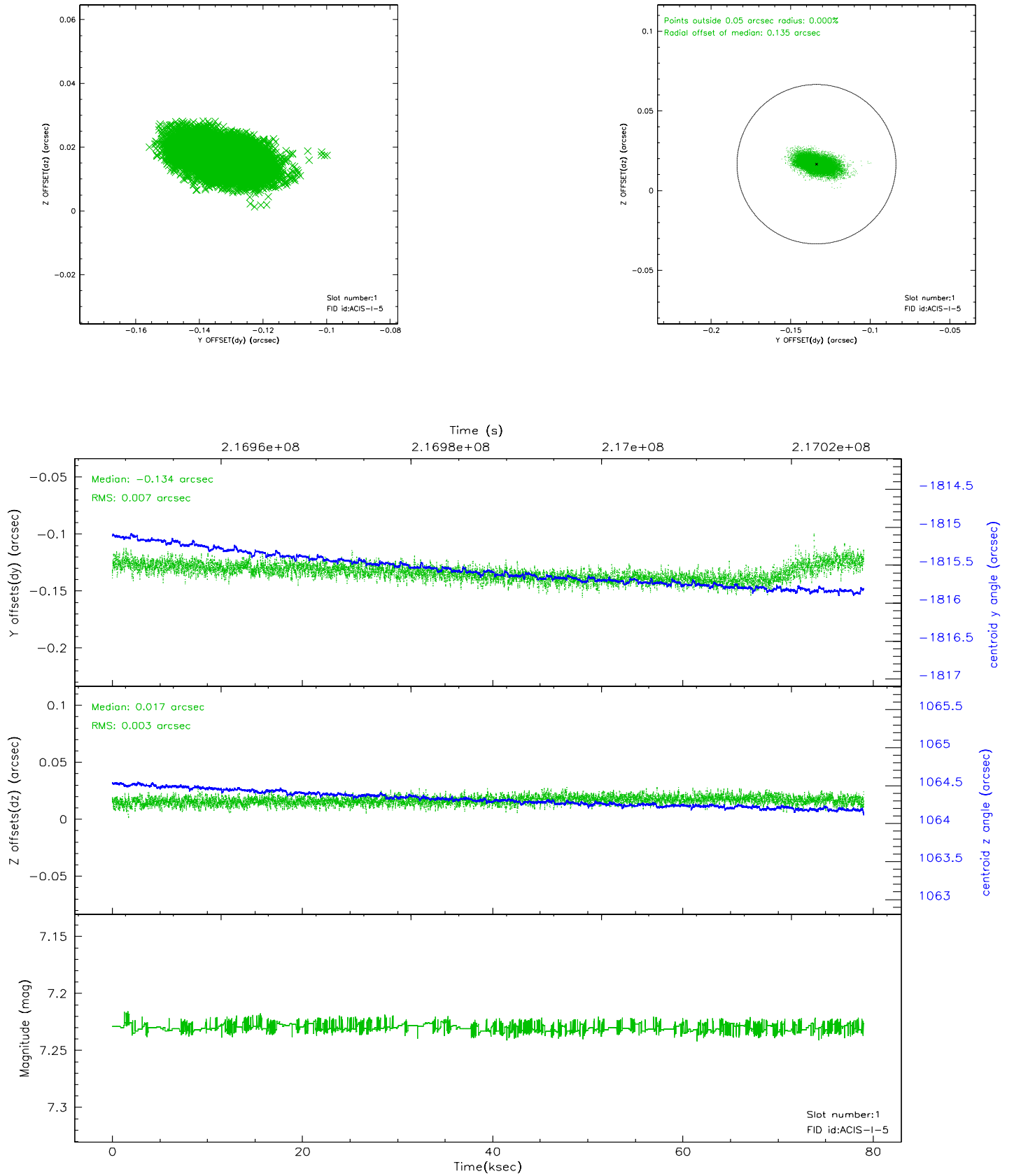


2.5 FID Slots

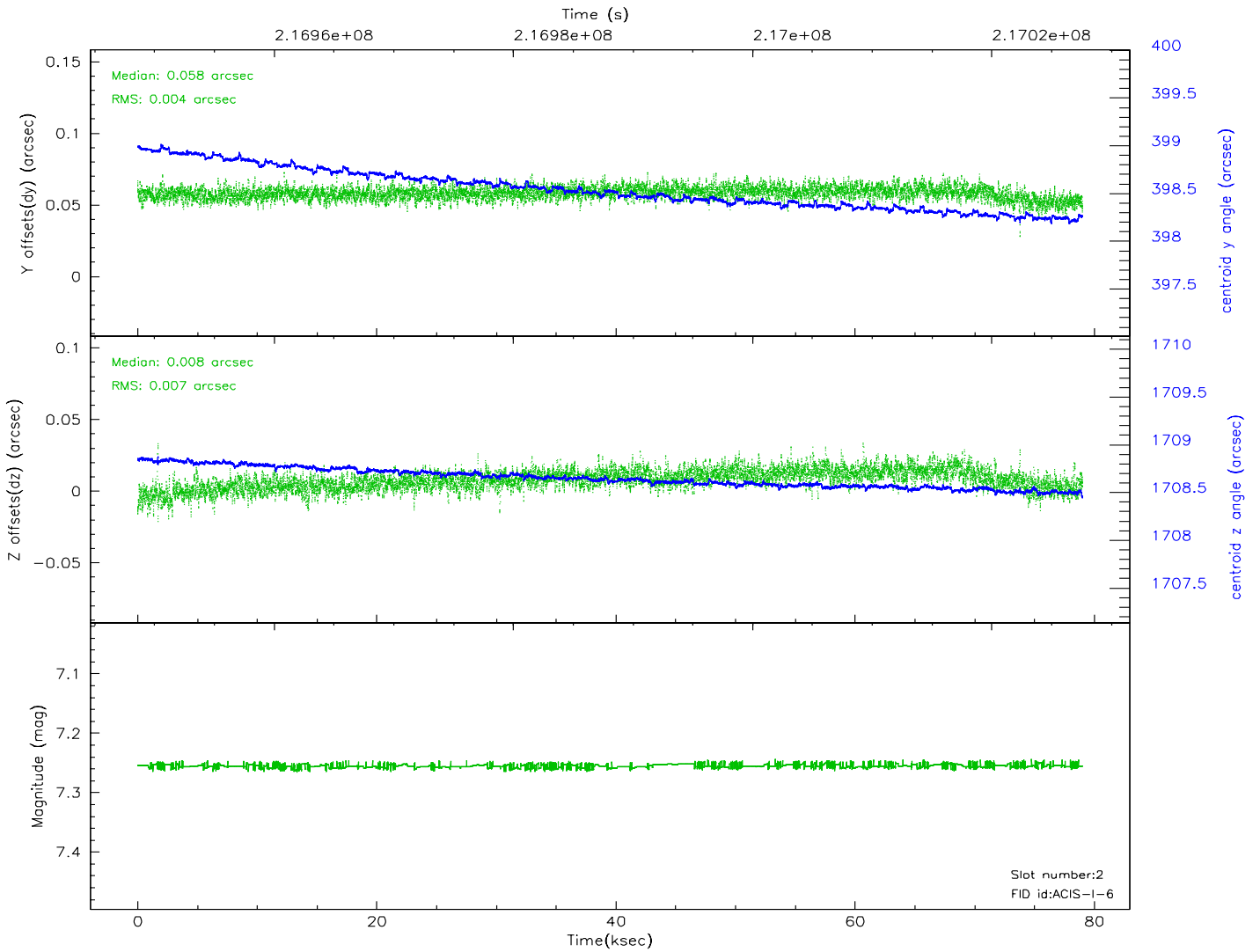
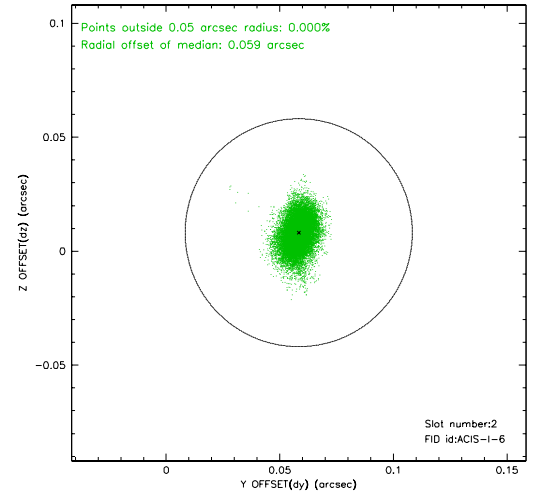
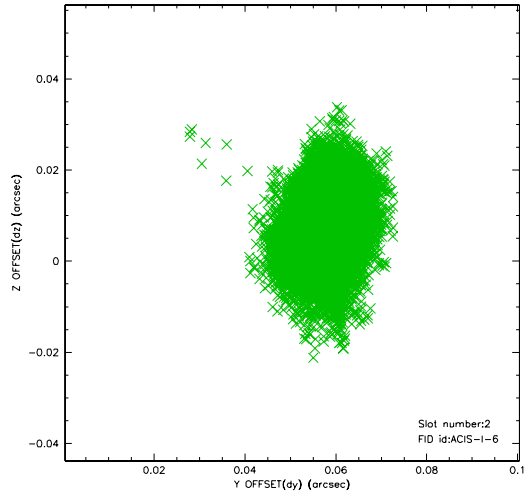
2.5.1 Slot 0



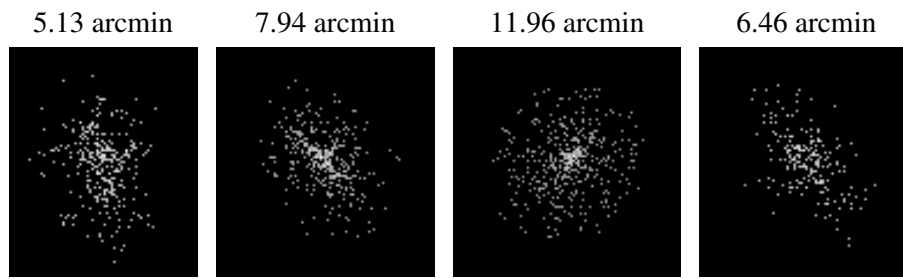
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.04.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	78.618

A.2 Comments

Roll constraint met.