

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2170 - L2 Version 001
Chandra X-Ray Center

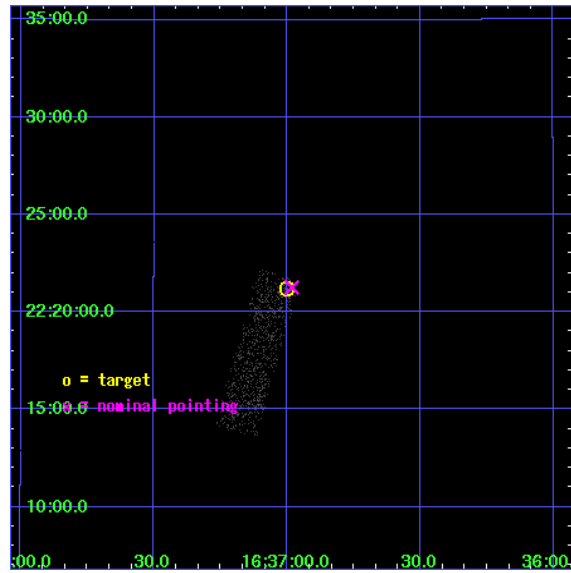
L2 Processing Date : Nov 28 2006

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1 Front

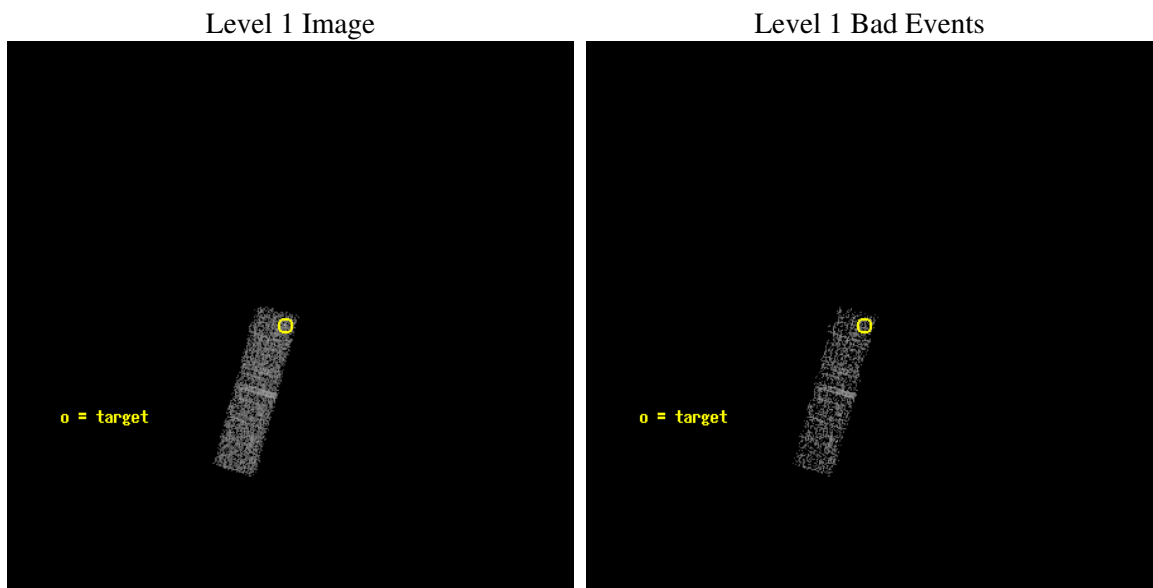
seq_num	700360
obs_id	2170
title	RED QUASARS AND THE X-RAY BACKGROUND
observer	Dr. BELINDA WILKES
object	2MASSJ163700+2221
dtcycle	0
cycle	P
ra_targ	249.250833
dec_targ	22.353889
ra_nom	249.24560938611
dec_nom	22.354339729686
roll_nom	195.68119366998
revision	2
ontime	4595.1999828815
livetime	4370.9692598512
ontime3	4595.1999828815
l2events	1043



2 OBI

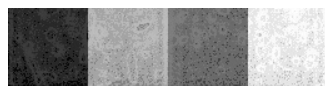
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 3



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2006-11-28T07:20:20
revision	2

sched_exp_time	4100.000000
ontime	4925.0679320991
ontime3	4925.0679320991
l1events	11027

2.1.4 Events

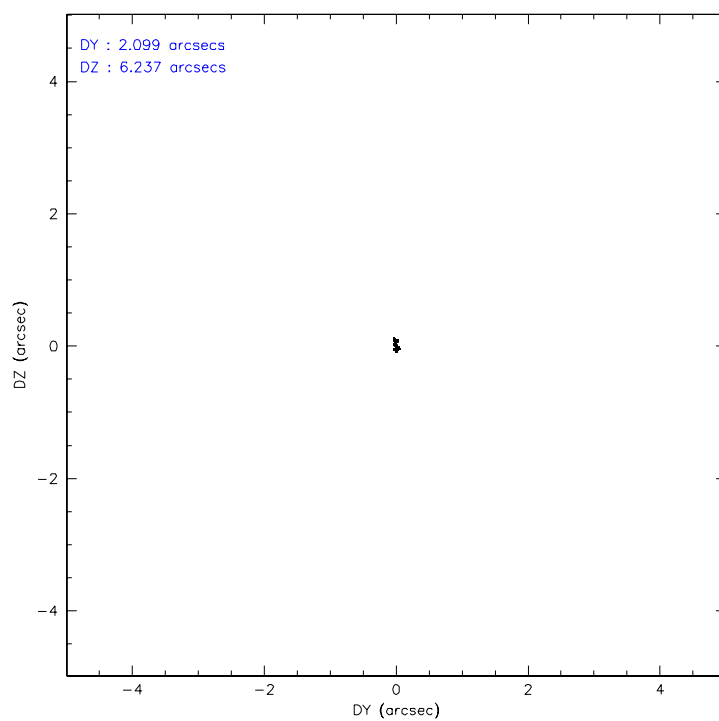
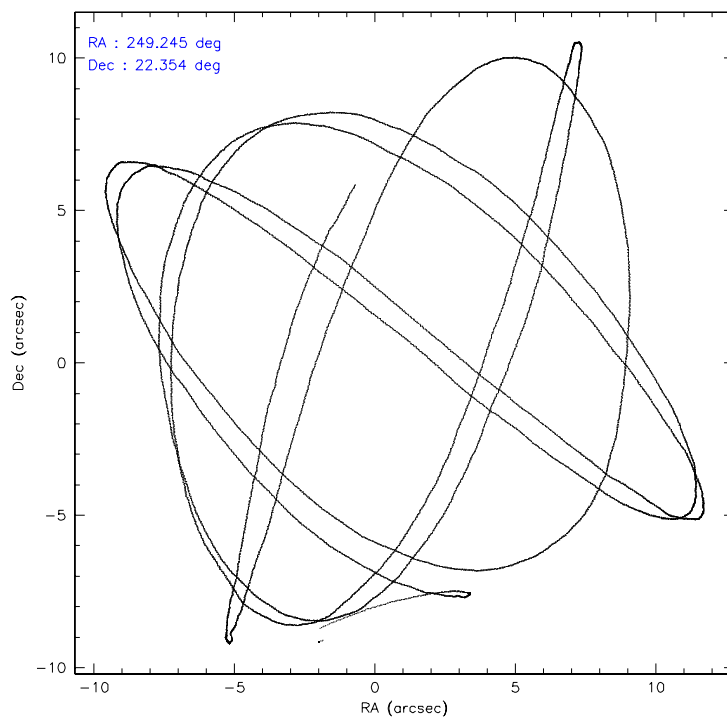
	ccd 3
level 1 events	11027
rejected events	9804
rejected %	88%

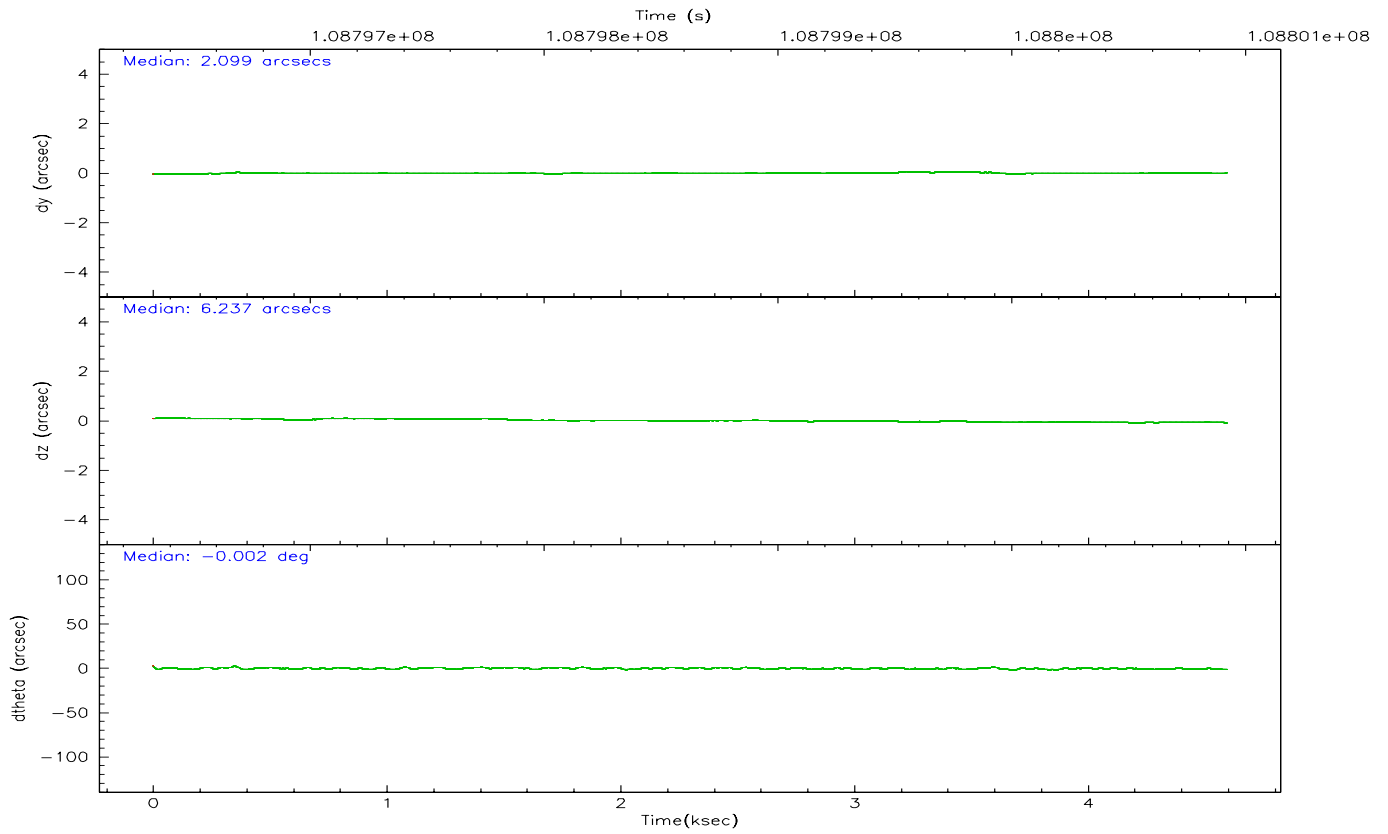
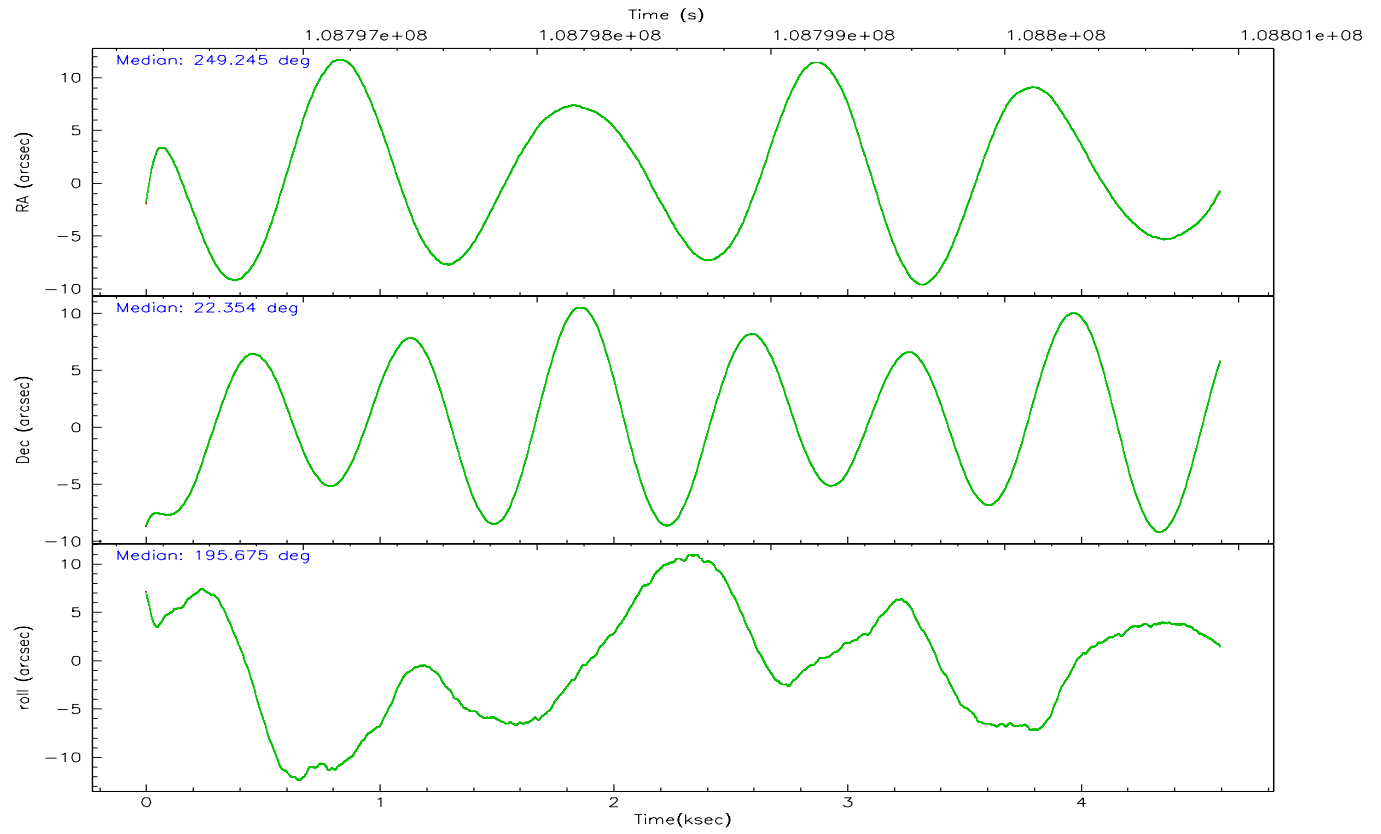
	ccd 3
grade 0 events	545
	4%
grade 1 events	2
	0%
grade 2 events	207
	1%
grade 3 events	170
	1%
grade 4 events	193
	1%
grade 5 events	338
	3%
grade 6 events	184
	1%
grade 7 events	9388
	85%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-3	ACIS-3	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	249.266466	249.2456093861135	Subarray requested	1/4	1/4
Pointing Dec	22.374147	22.35433972968633	Subarray start row	0	769
Pointing Roll	195.464564	195.681193669982	Subarray row count	1024	256
SIM focus pos (mm)	-0.782348	-0.7809083437167272	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001439871863259334	Primary exposure time	0.000000	0.8
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	108796823.184000	108795714.74671			
Observation start date	2001-06-13T05:19:19	2001-06-13T05:01:54			
Observation end time	108800923.184000	108801745.33445			
Observation end date	2001-06-13T06:27:39	2001-06-13T06:42:25			
Read mode	TIMED	TIMED			

2.3 Aspect



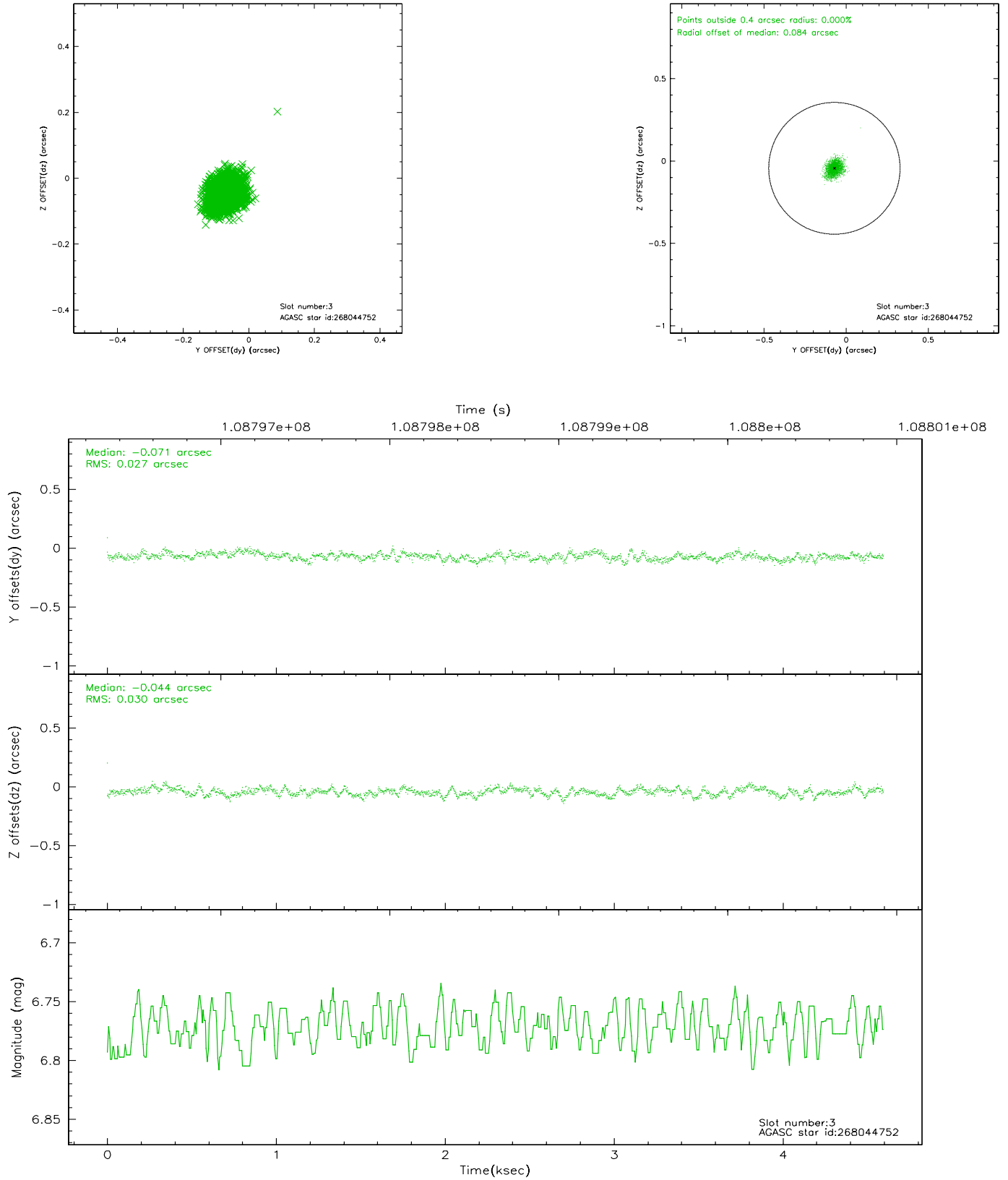


Slot Statistics

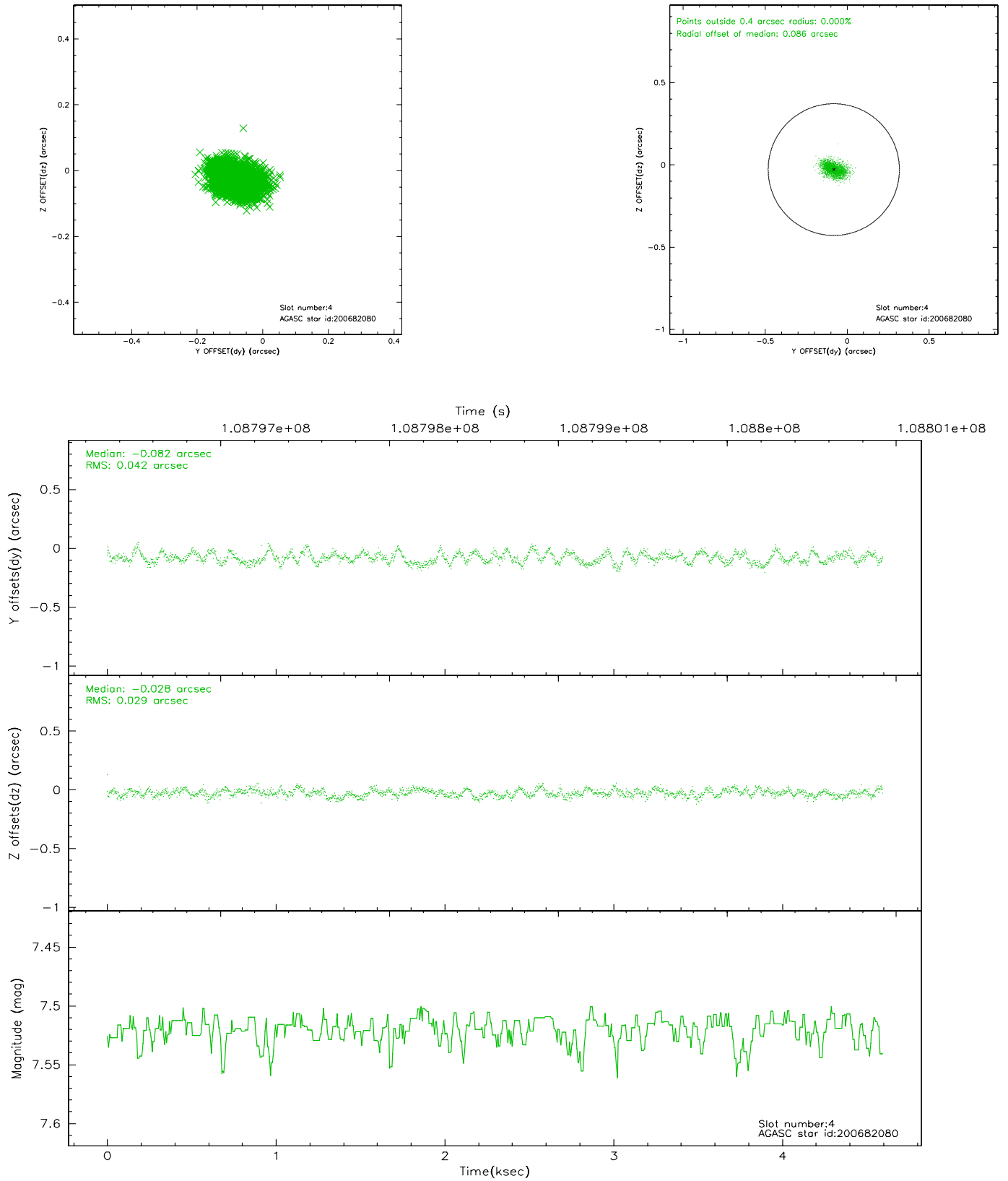
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	1122	-0.028	-0.049	0.009	0.016	0.000000	0.000000	-756.48	-836.04
1	FID	ACIS-I-4	7.18	1122	-0.050	0.038	0.005	0.010	0.000000	0.000000	2156.95	1069.57
2	FID	ACIS-I-5	7.23	1122	-0.023	0.080	0.008	0.015	0.000000	0.000000	-1808.59	1068.96
3	GUIDE	268044752	6.77	2242	-0.071	-0.044	0.043	0.069	249.224749	22.867918	-341.72	-1750.30
4	GUIDE	200682080	7.52	2242	-0.082	-0.028	0.055	0.087	249.822622	22.221200	-1641.94	1020.28
5	GUIDE	200676472	8.50	2242	0.017	-0.058	0.055	0.086	248.946074	22.121680	1269.96	590.18
6	GUIDE	268051544	9.02	2240	0.078	0.045	0.072	0.117	249.392786	22.575832	-598.75	-588.04
7	GUIDE	200678280	9.76	2239	0.054	0.090	0.107	0.171	248.877803	21.599139	1995.86	2340.33

2.4 Star Slots

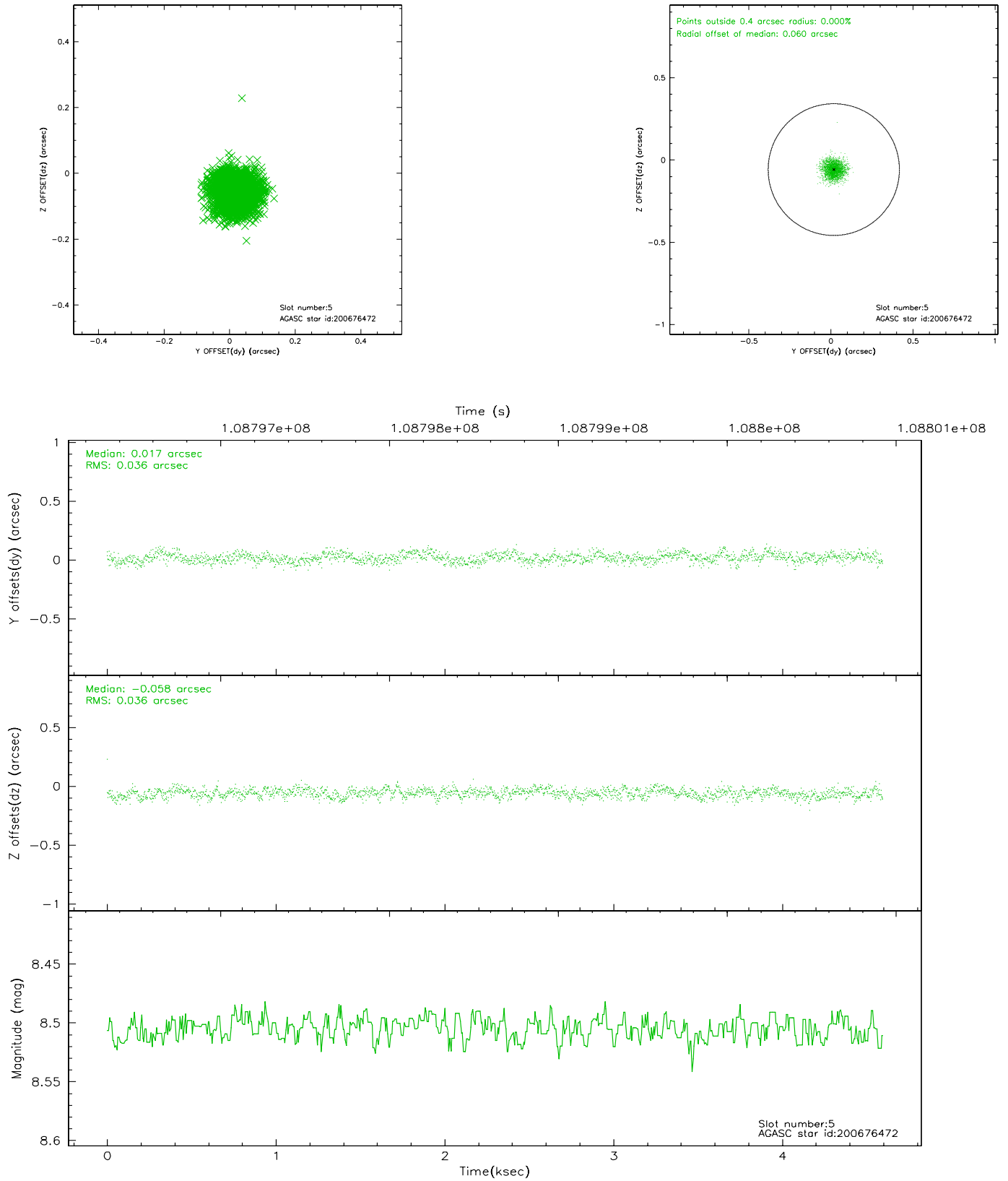
2.4.1 Slot 3



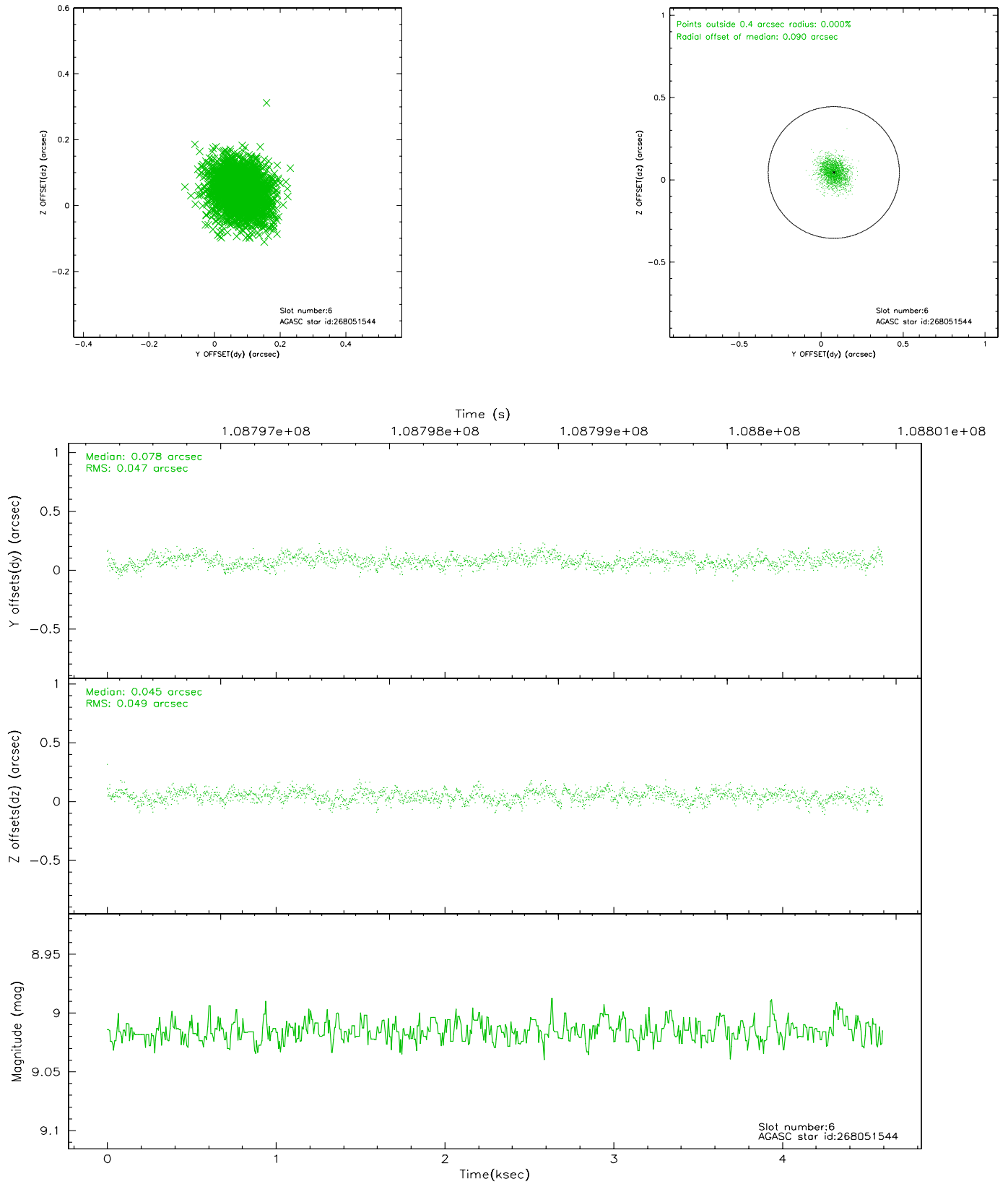
2.4.2 Slot 4



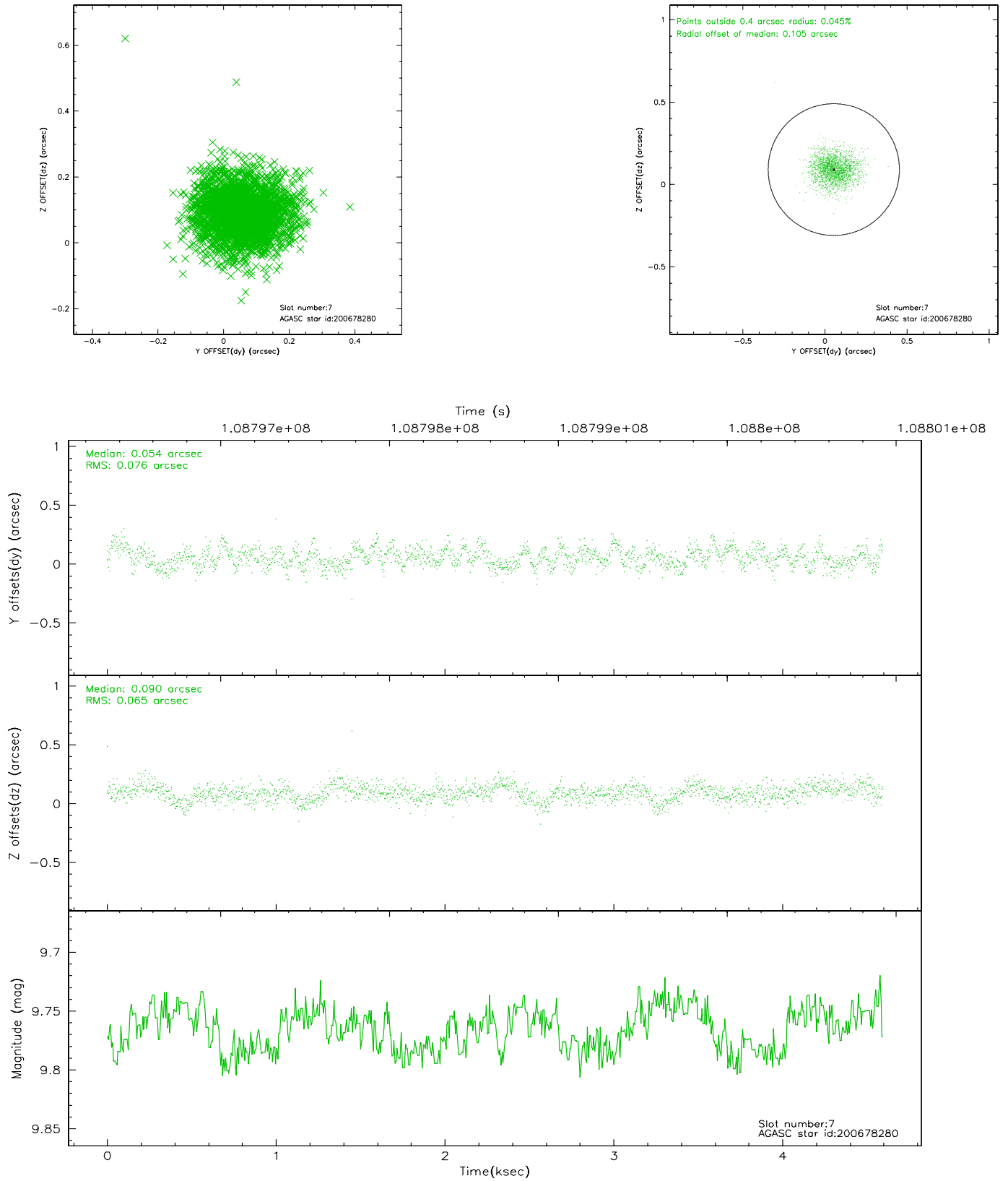
2.4.3 Slot 5



2.4.4 Slot 6

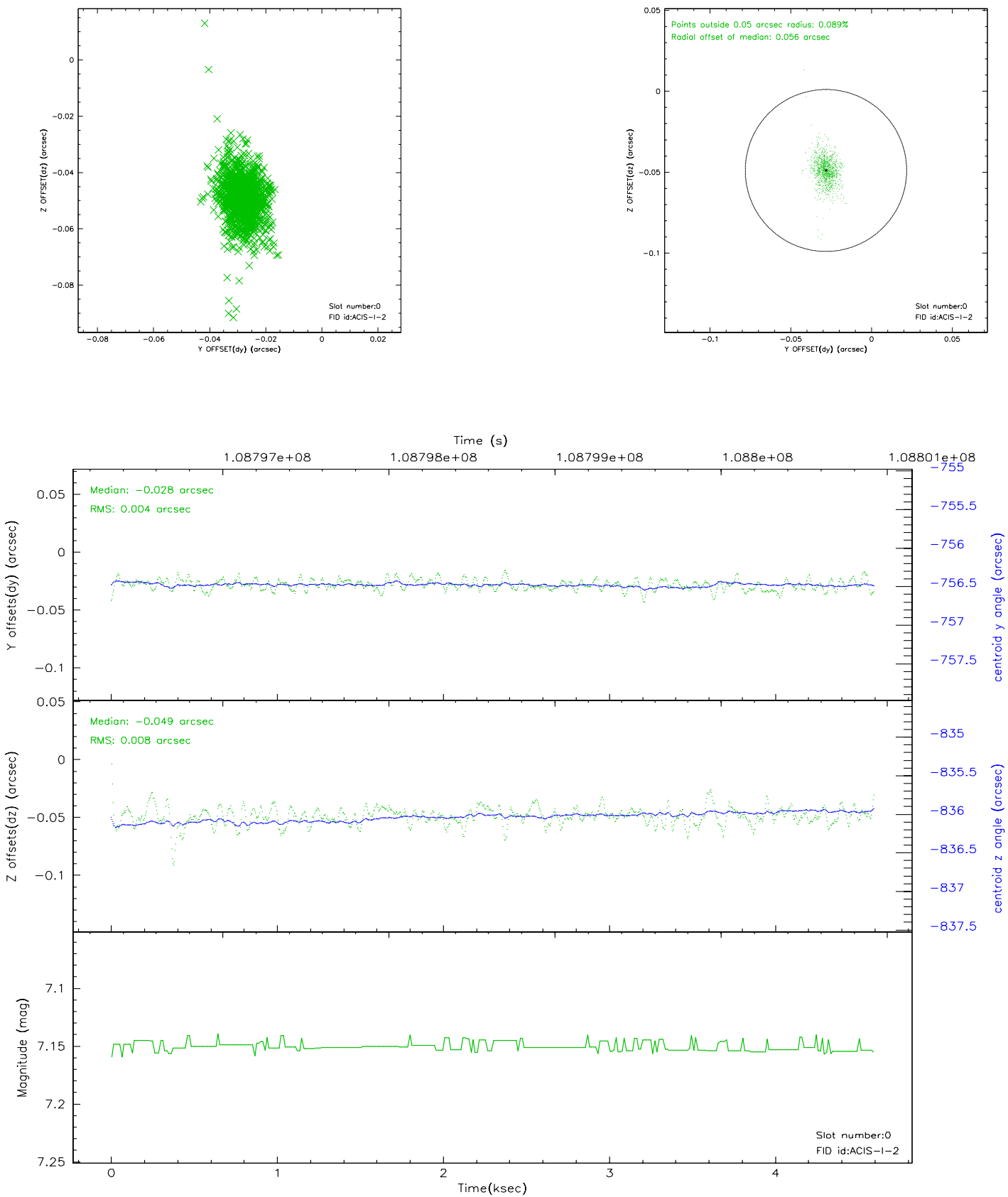


2.4.5 Slot 7

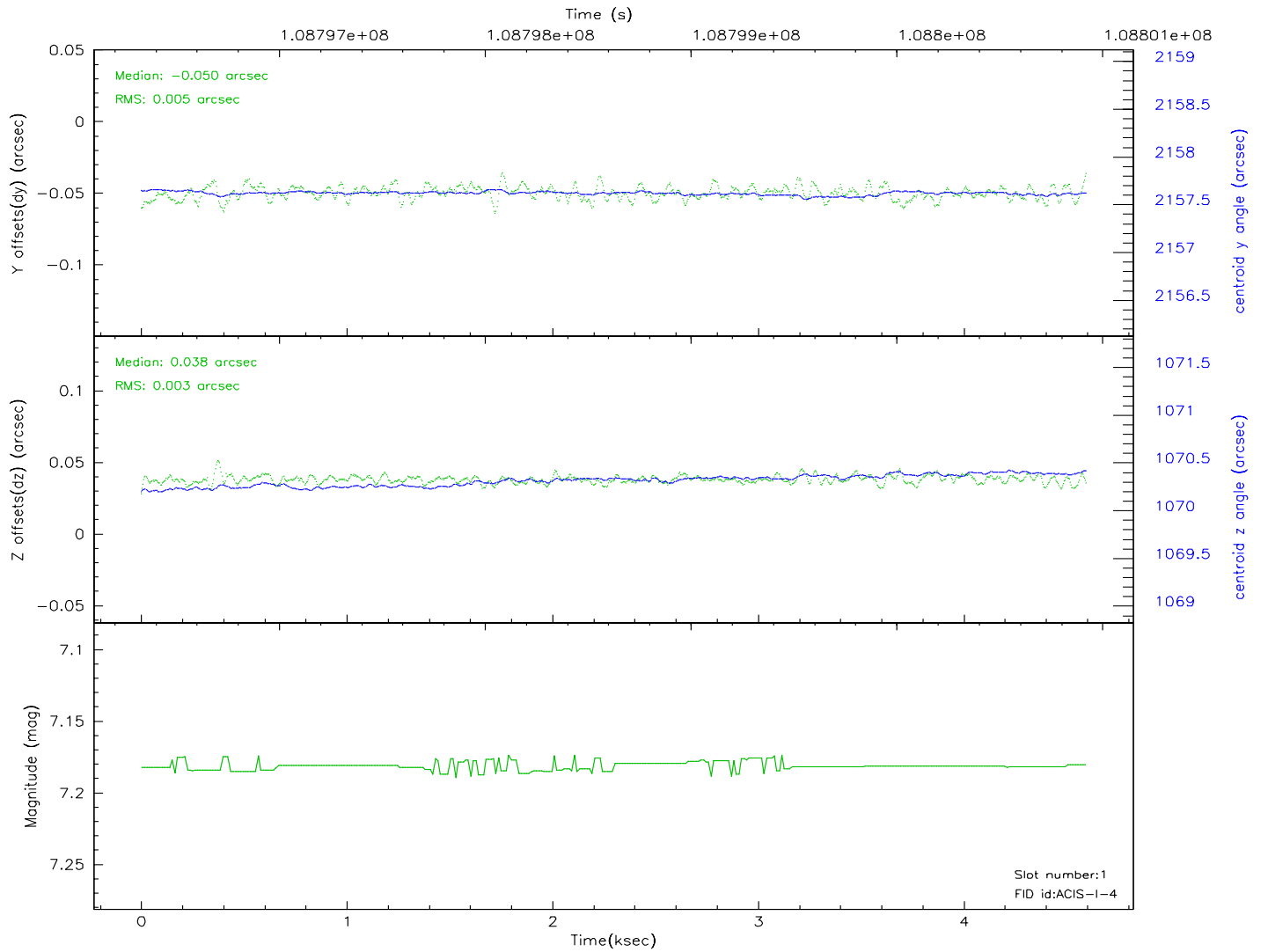
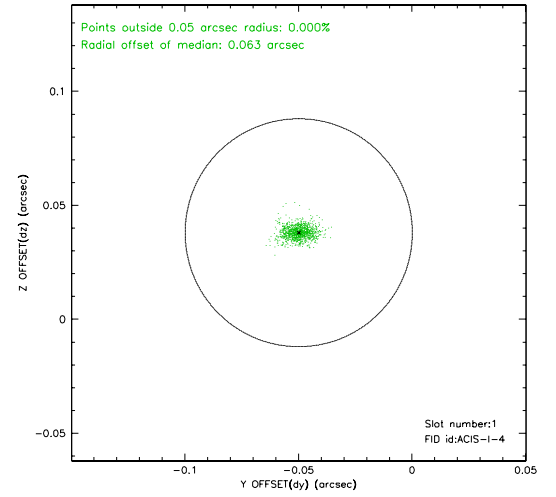
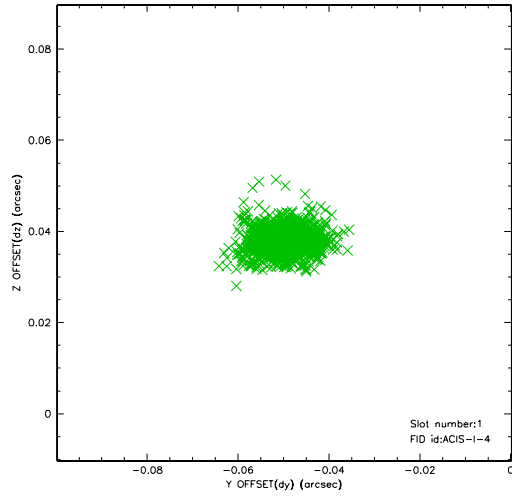


2.5 FID Slots

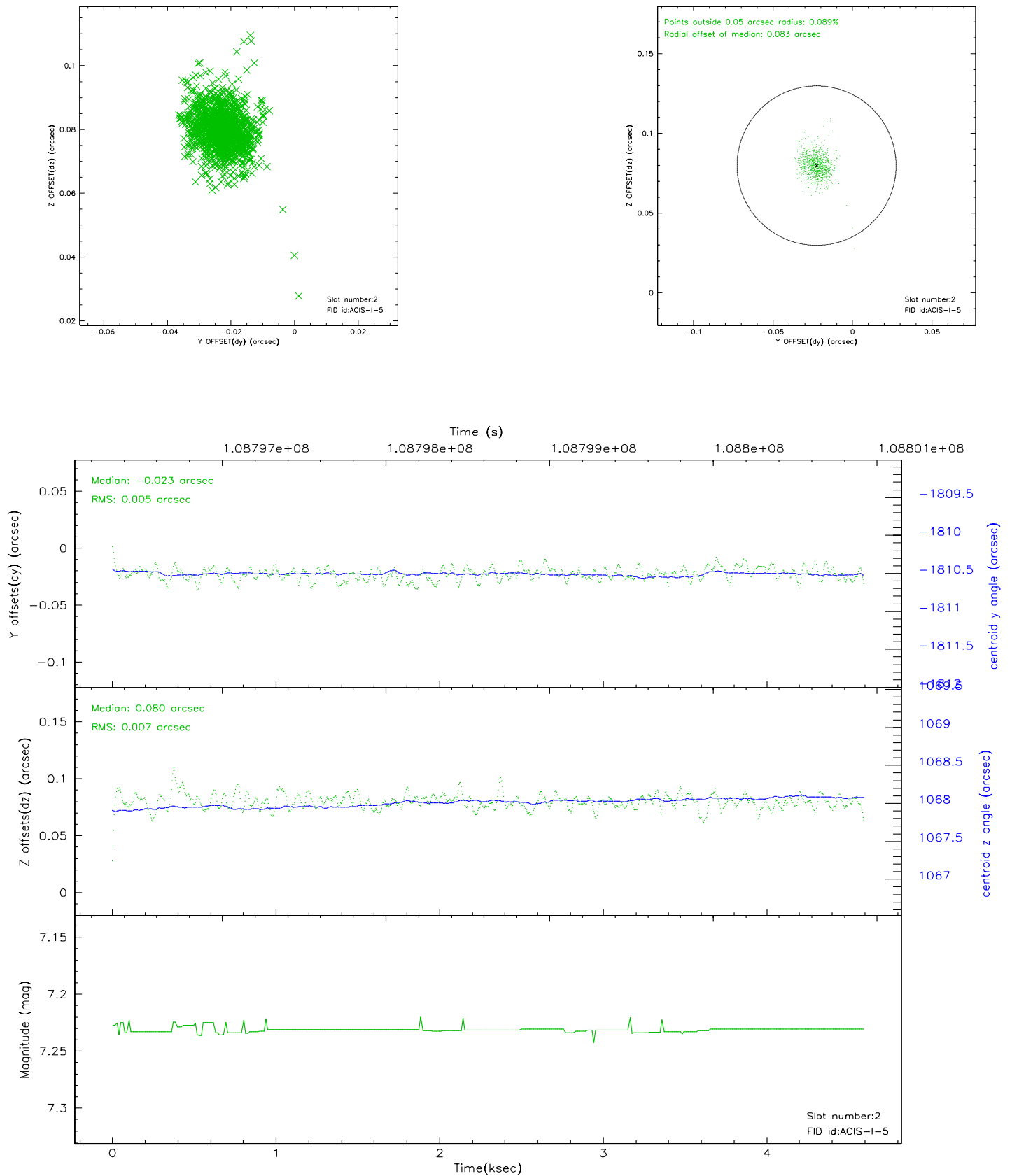
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.11.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.6

A.2 Comments