

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2158 - L2 Version 001
Chandra X-Ray Center

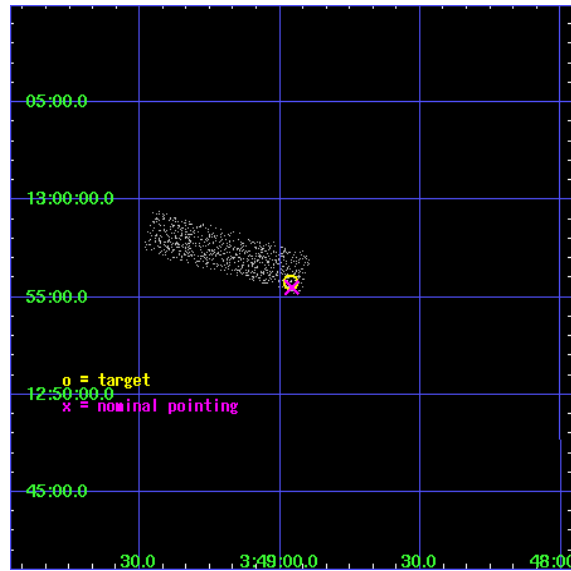
L2 Processing Date : Nov 4 2006

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1 Front

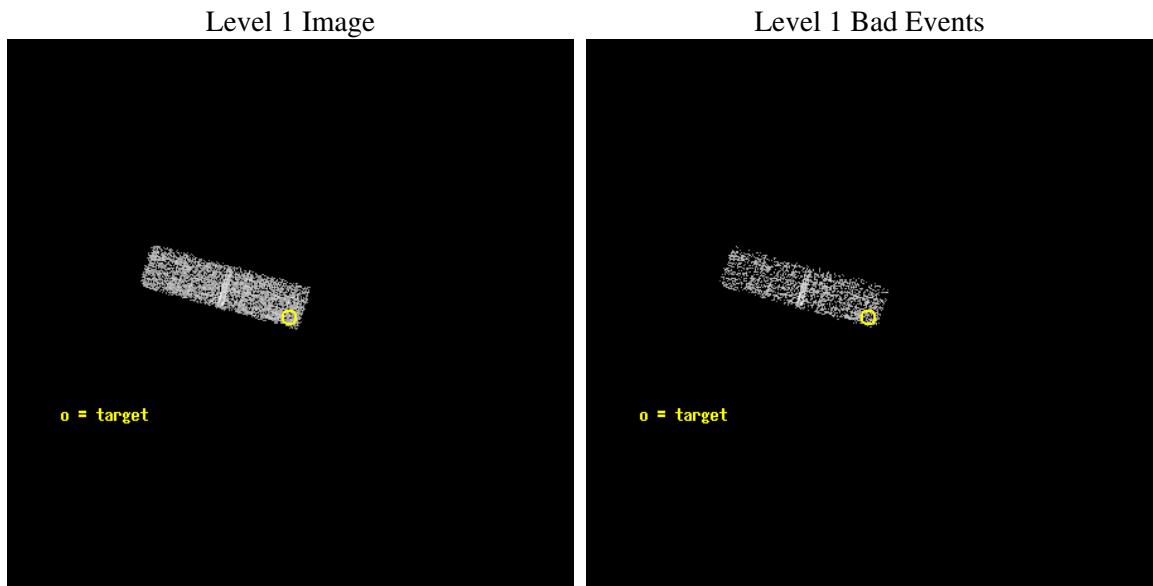
seq_num	700348
obs_id	2158
title	RED QUASARS AND THE X-RAY BACKGROUND
observer	Dr. BELINDA WILKES
object	2MASSJ034857+1255
dtcycle	0
cycle	P
ra_targ	57.24
dec_targ	12.929806
ra_nom	57.239422976245
dec_nom	12.924978169647
roll_nom	285.55806457294
revision	2
ontime	4847.1589718312
livetime	4610.633474585
ontime3	4847.1589718312
l2events	828



2 OBI

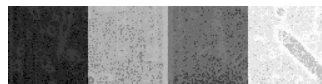
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 3



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-11-04T09:50:40
revision	2

sched_exp_time	4700.000000
ontime	5917.4817474782
ontime3	5917.4817474782
l1events	22154

2.1.4 Events

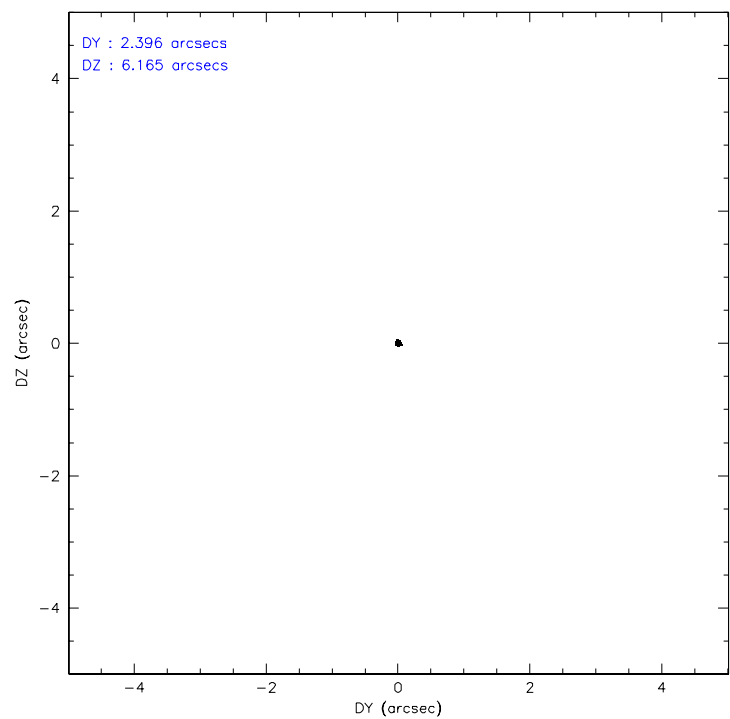
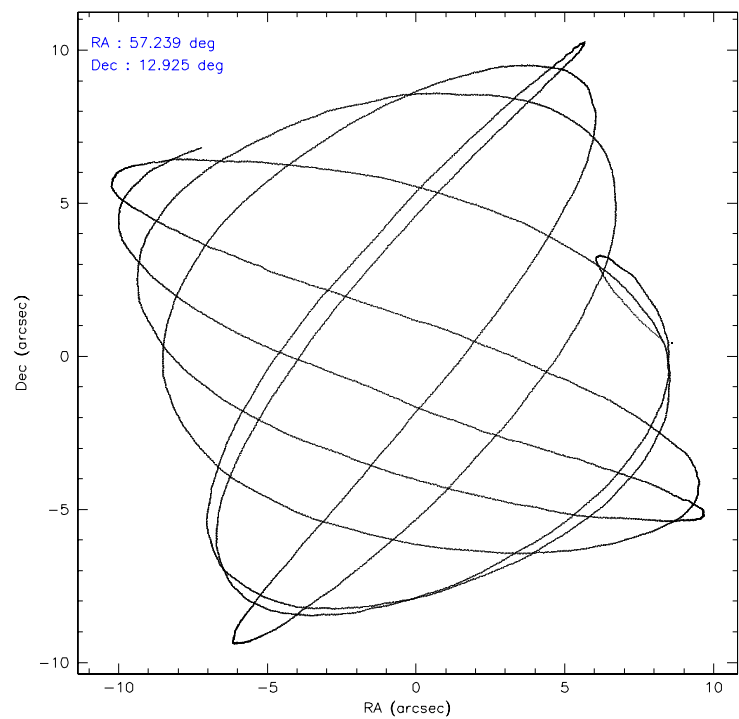
	ccd 3
level 1 events	22154
rejected events	21142
rejected %	95%

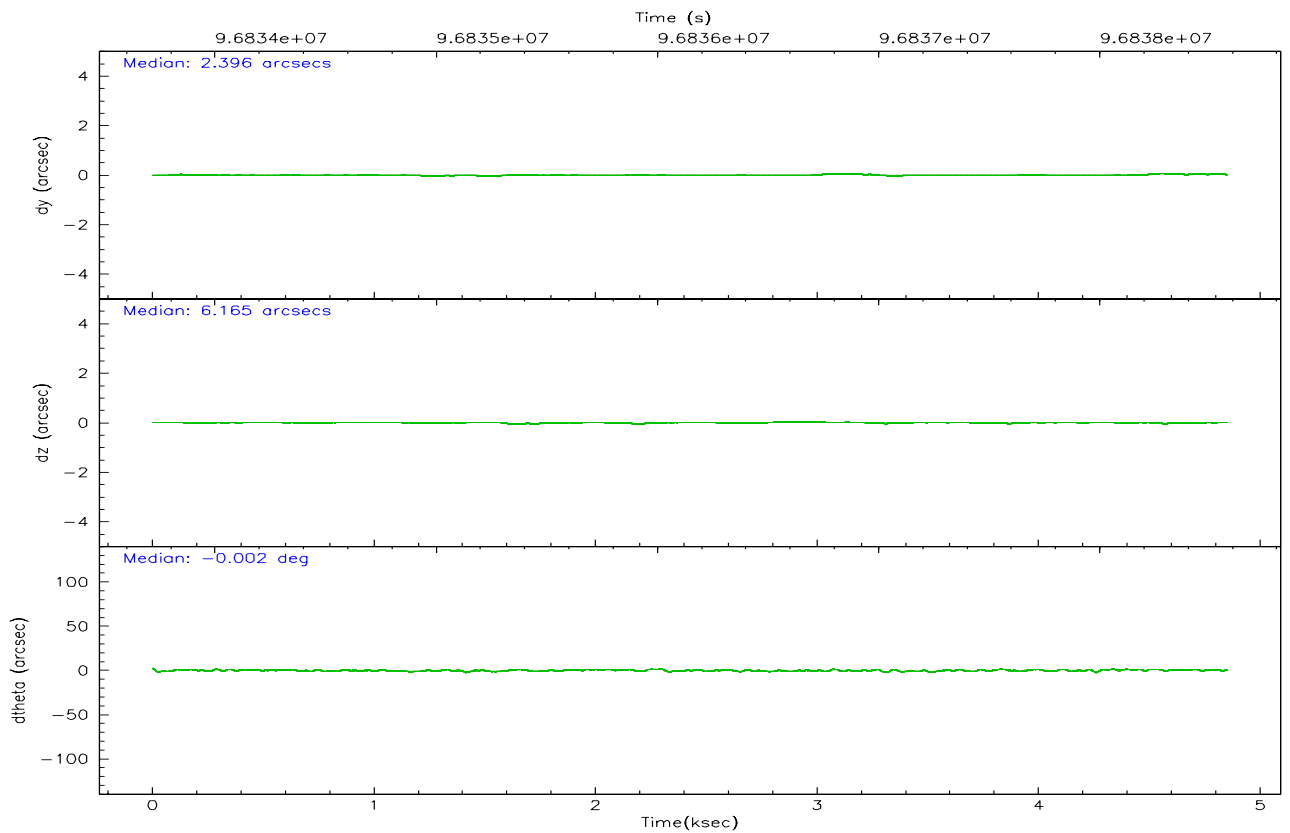
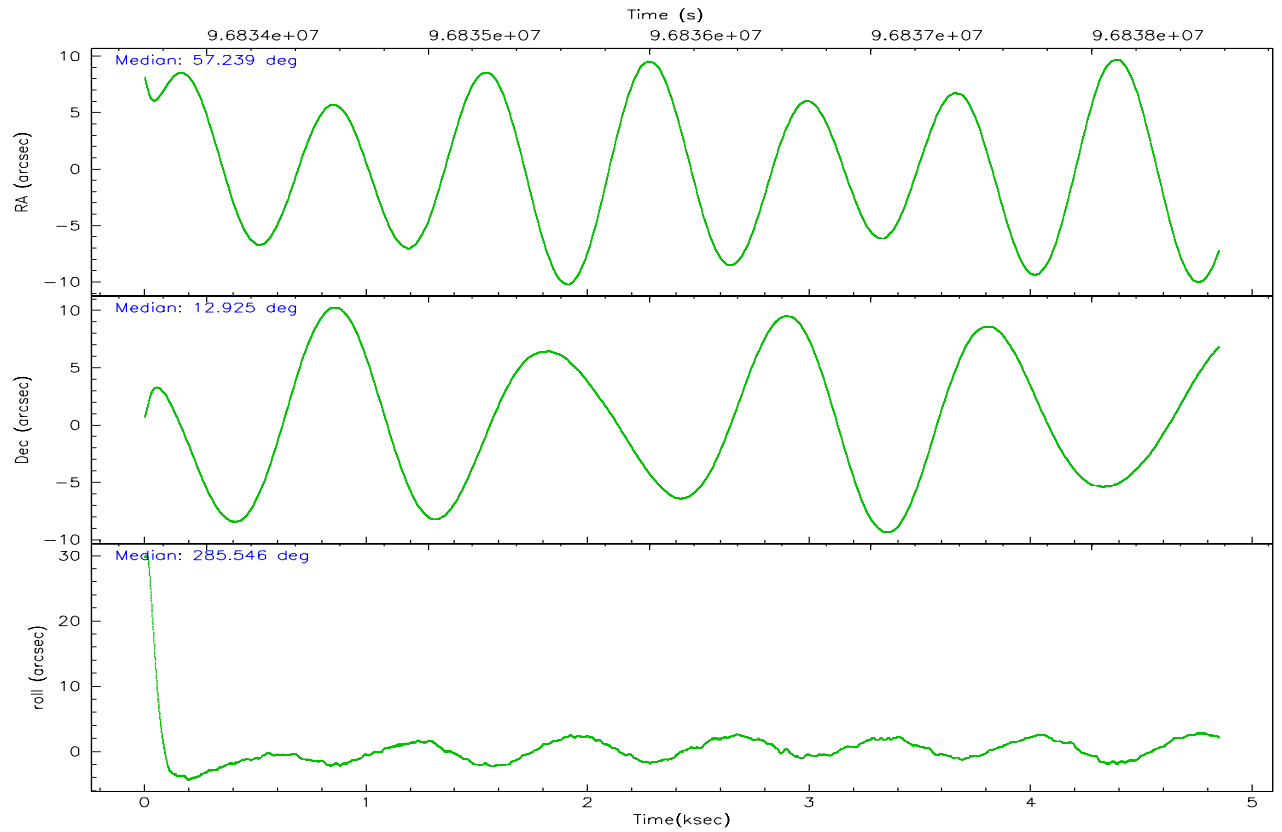
	ccd 3
grade 0 events	6248
	28%
grade 1 events	16
	0%
grade 2 events	1952
	8%
grade 3 events	792
	3%
grade 4 events	830
	3%
grade 5 events	364
	1%
grade 6 events	1505
	6%
grade 7 events	10447
	47%

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	57.219241	57.23942297624515	Subarray requested	1/4	1/4
Pointing Dec	12.944305	12.92497816964701	Subarray start row	0	769
Pointing Roll	285.353805	285.5580645729416	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	96833872.184000	96832653.820859			
Observation start date	2001-01-25T18:16:48	2001-01-25T17:57:33			
Observation end time	96838572.184000	96839032.39610501			
Observation end date	2001-01-25T19:35:08	2001-01-25T19:43:52			
Read mode	TIMED	TIMED			

2.3 Aspect



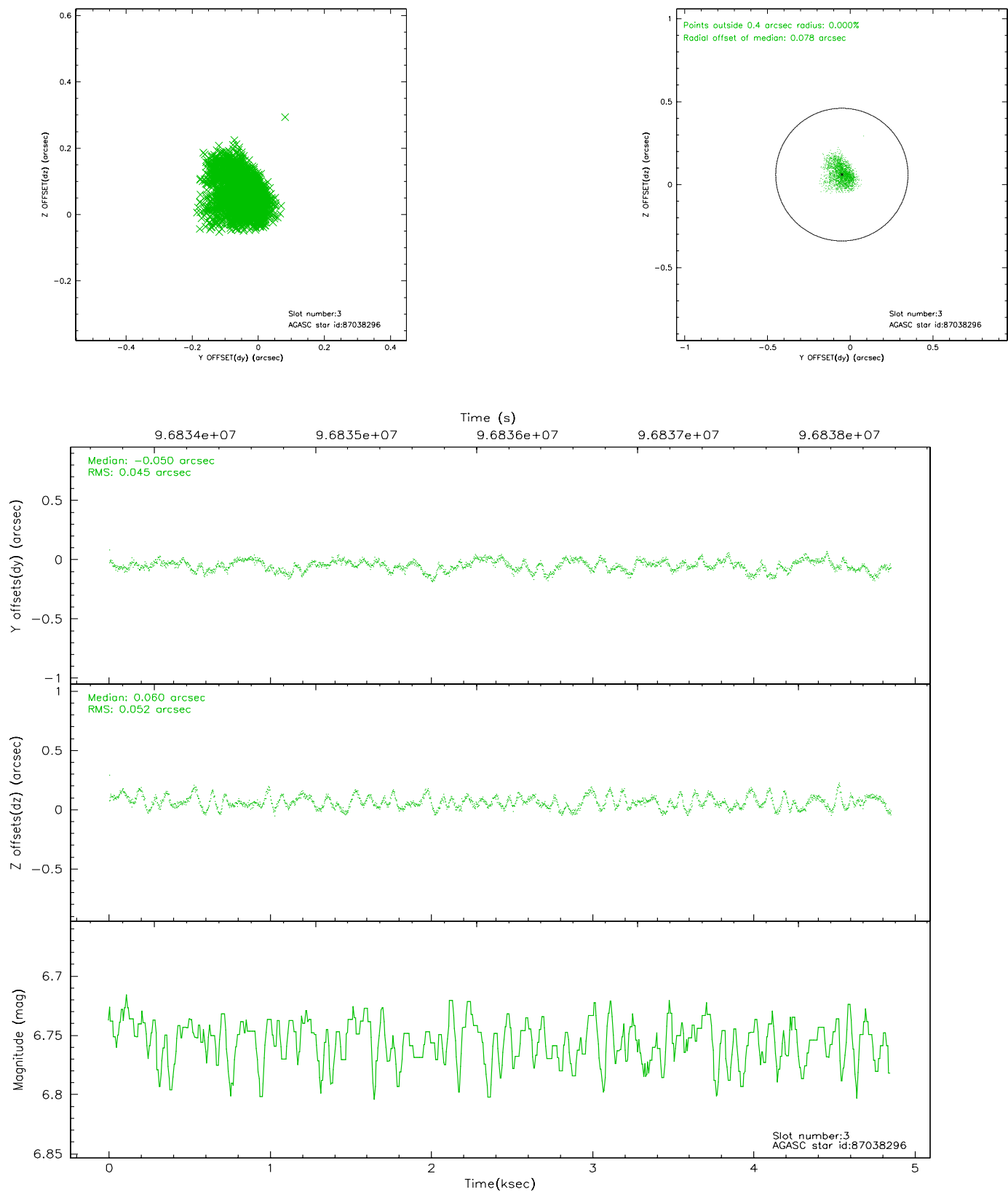


Slot Statistics

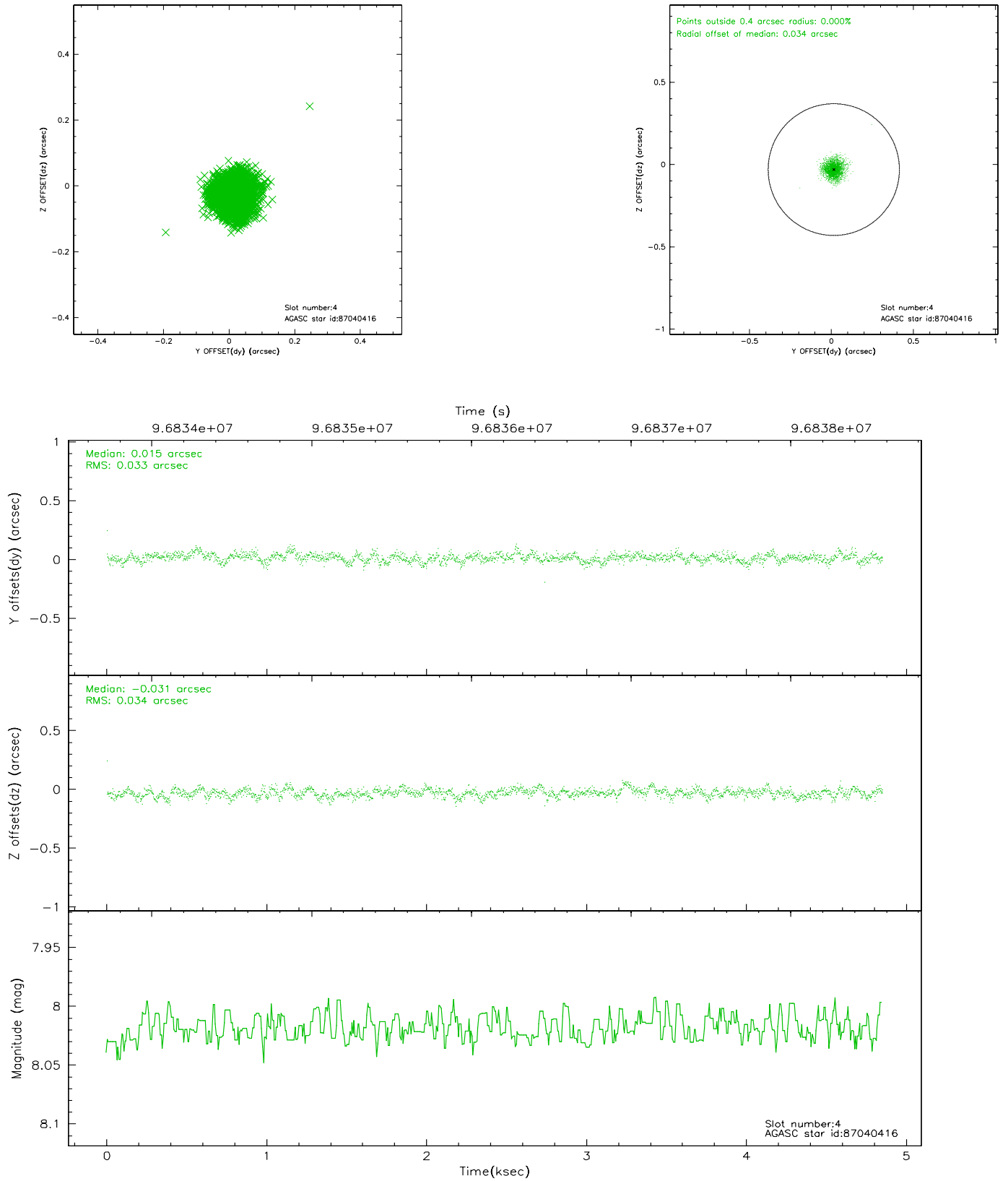
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	1183	-0.018	-0.026	0.009	0.016	0.000000	0.000000	-756.78	-835.92
1	FID	ACIS-I-4	7.18	1183	-0.069	0.027	0.006	0.010	0.000000	0.000000	2156.66	1069.67
2	FID	ACIS-I-5	7.23	1183	-0.014	0.067	0.009	0.015	0.000000	0.000000	-1808.98	1069.00
3	GUIDE	87038296	6.75	2367	-0.050	0.060	0.072	0.117	57.816128	13.046075	198.95	2116.32
4	GUIDE	87040416	8.02	2367	0.015	-0.031	0.050	0.082	56.853073	12.508237	1173.49	-1655.39
5	GUIDE	87042128	8.28	2367	0.117	-0.057	0.046	0.074	57.435895	12.602989	1387.44	408.21
6	GUIDE	87034904	9.36	2367	0.034	0.028	0.077	0.130	57.418528	13.066751	-239.04	790.77
7	GUIDE	87038072	8.21	2366	-0.116	-0.004	0.051	0.082	57.320491	13.059354	-304.96	452.27

2.4 Star Slots

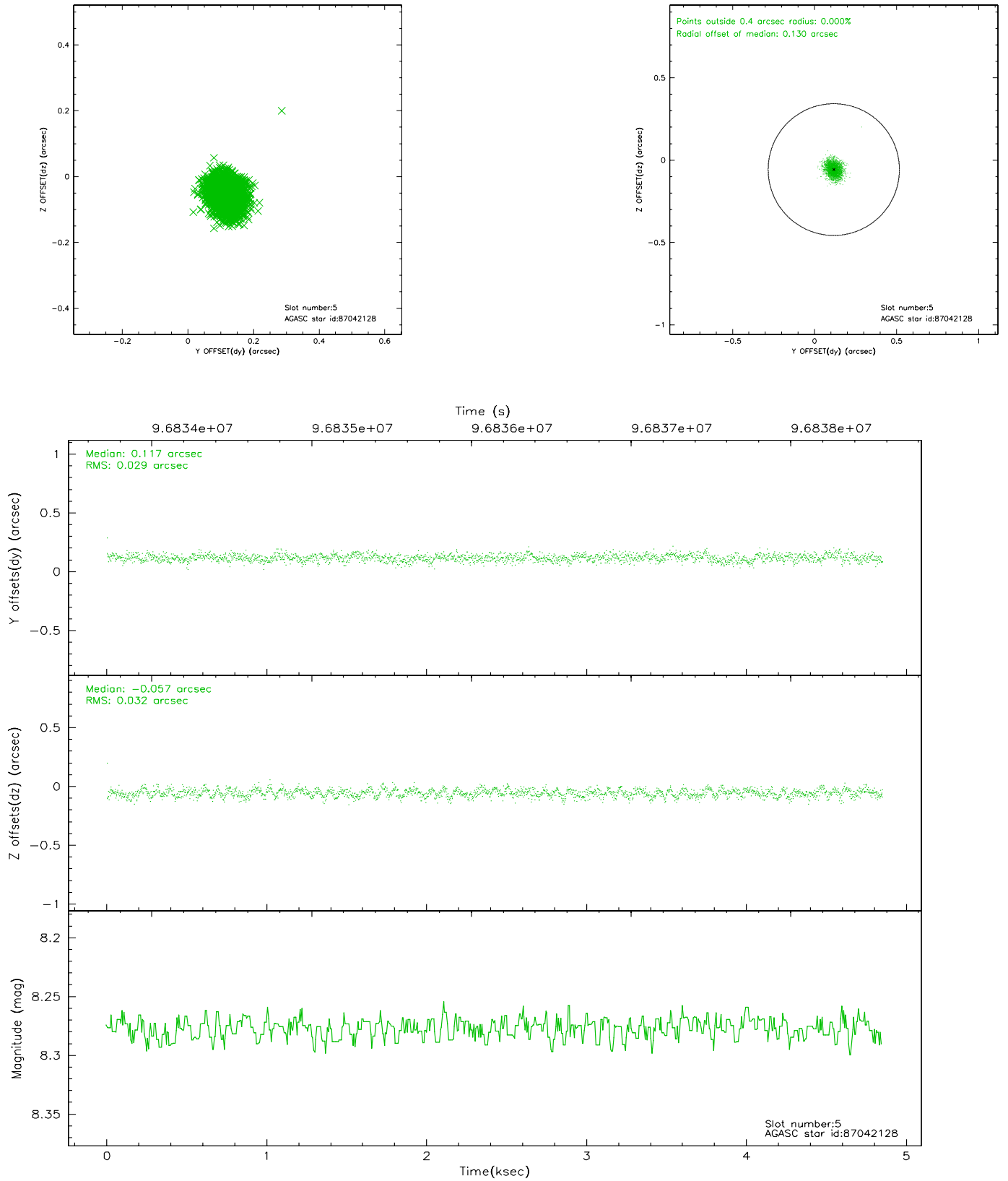
2.4.1 Slot 3



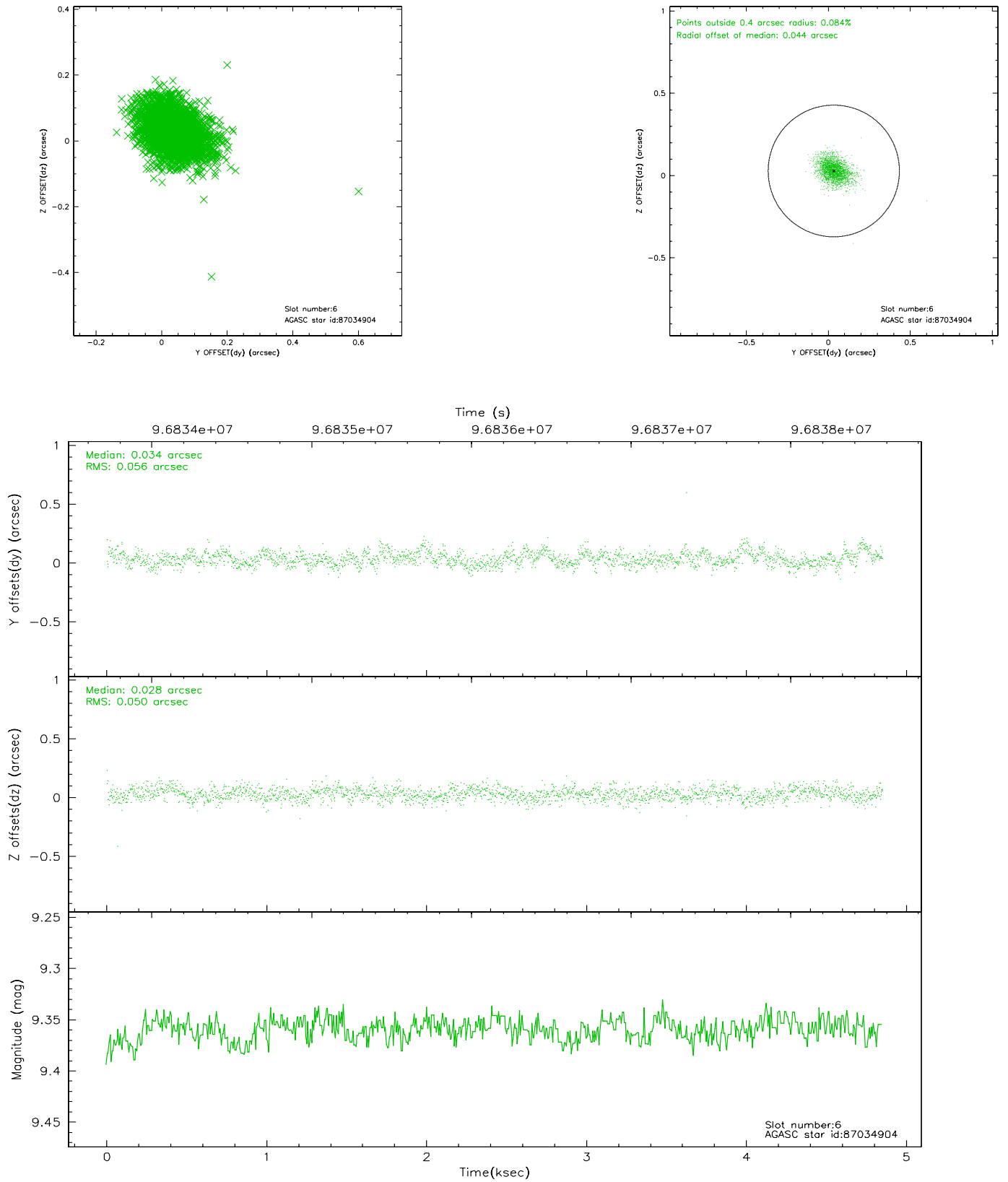
2.4.2 Slot 4



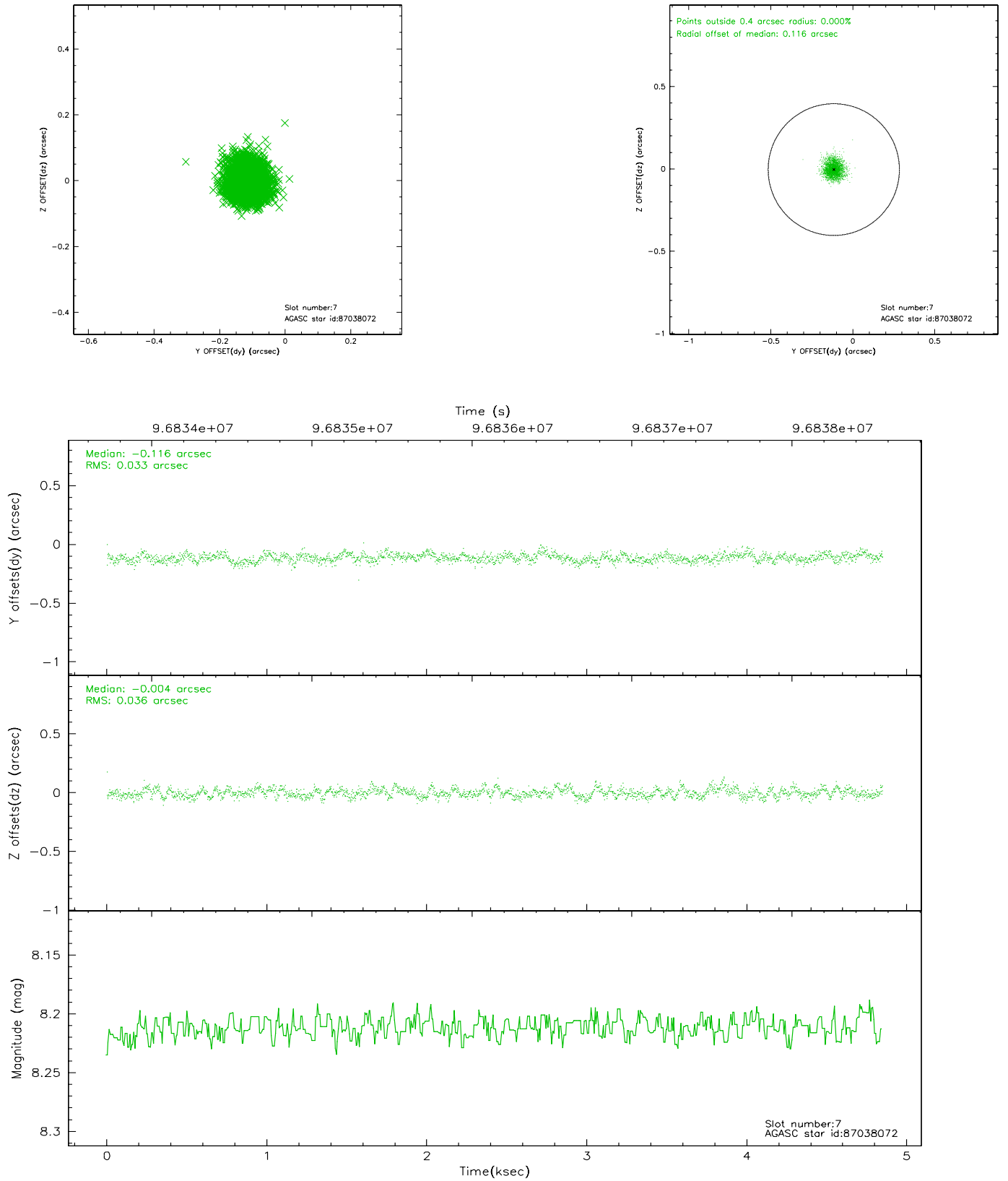
2.4.3 Slot 5



2.4.4 Slot 6

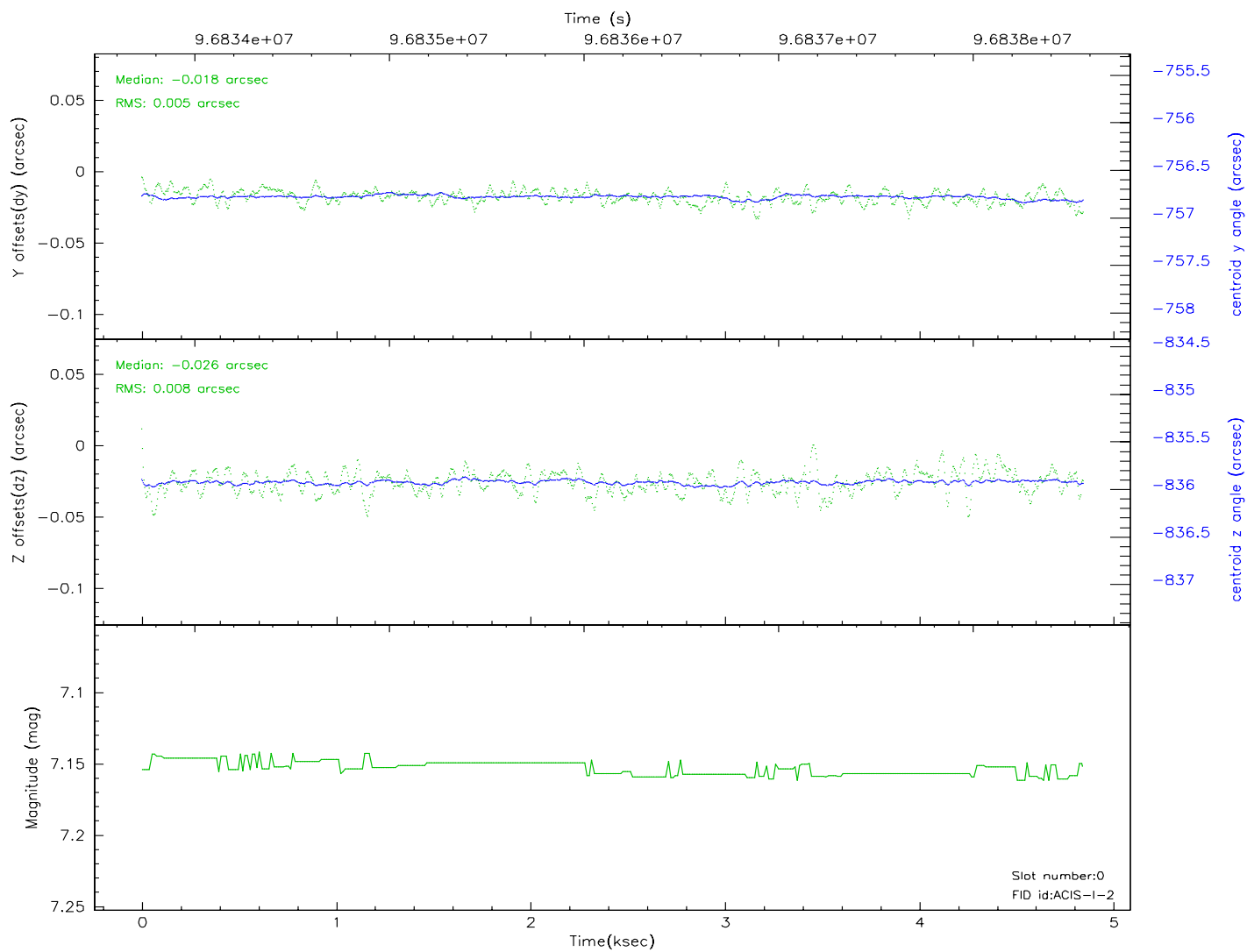
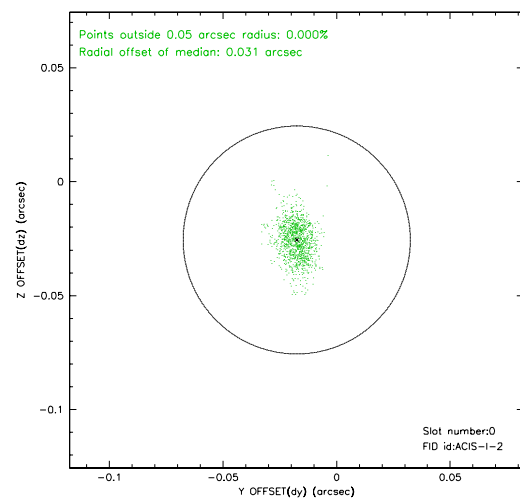
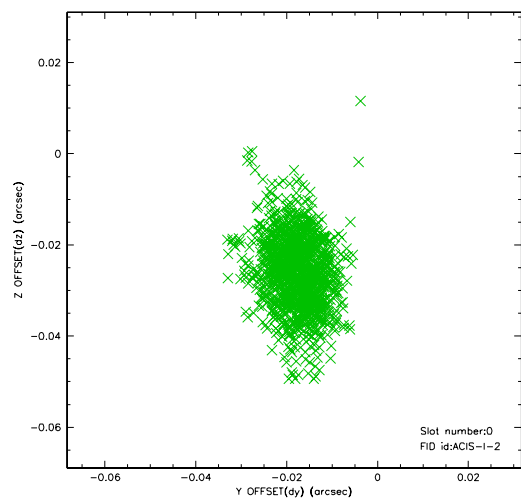


2.4.5 Slot 7

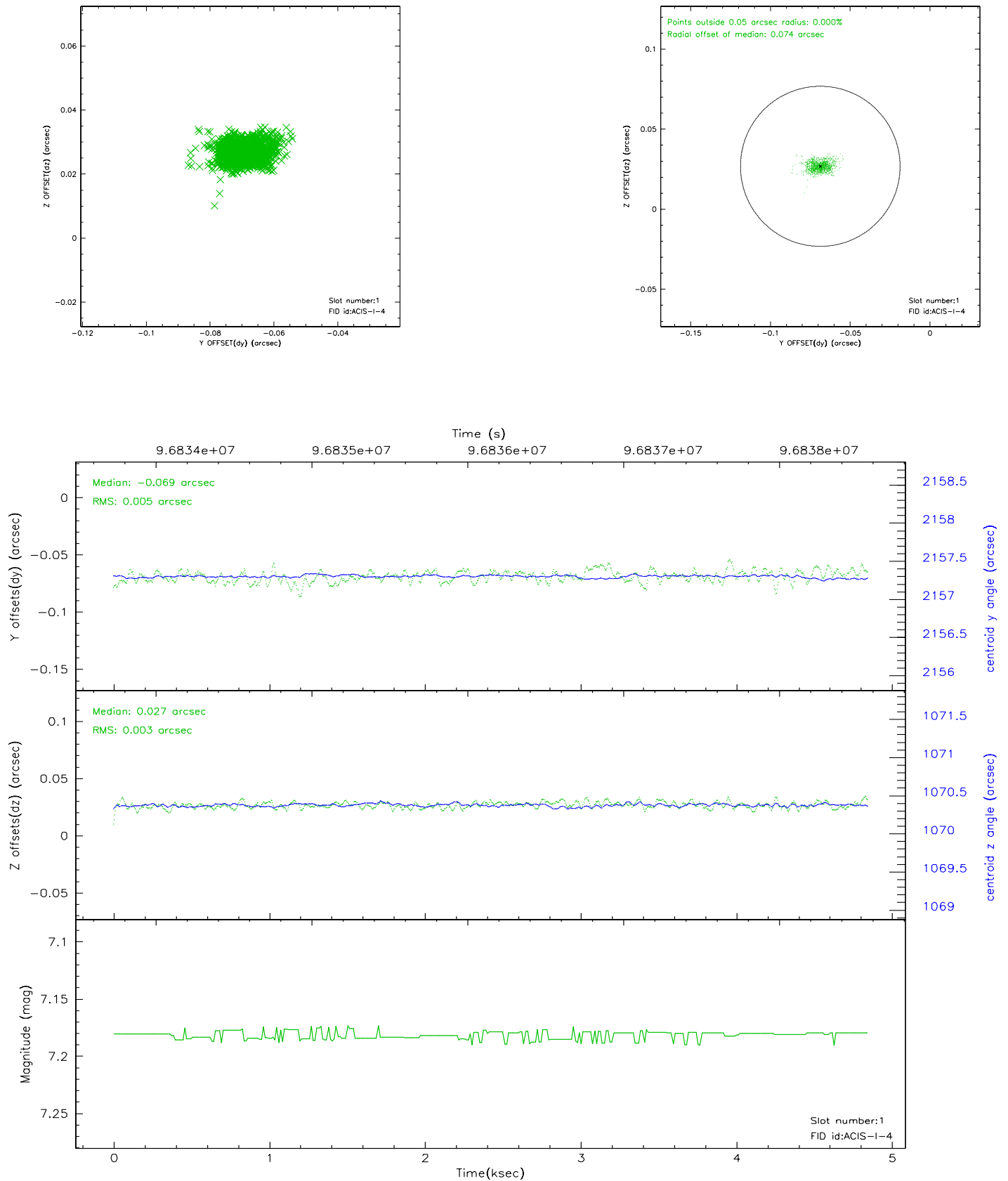


2.5 FID Slots

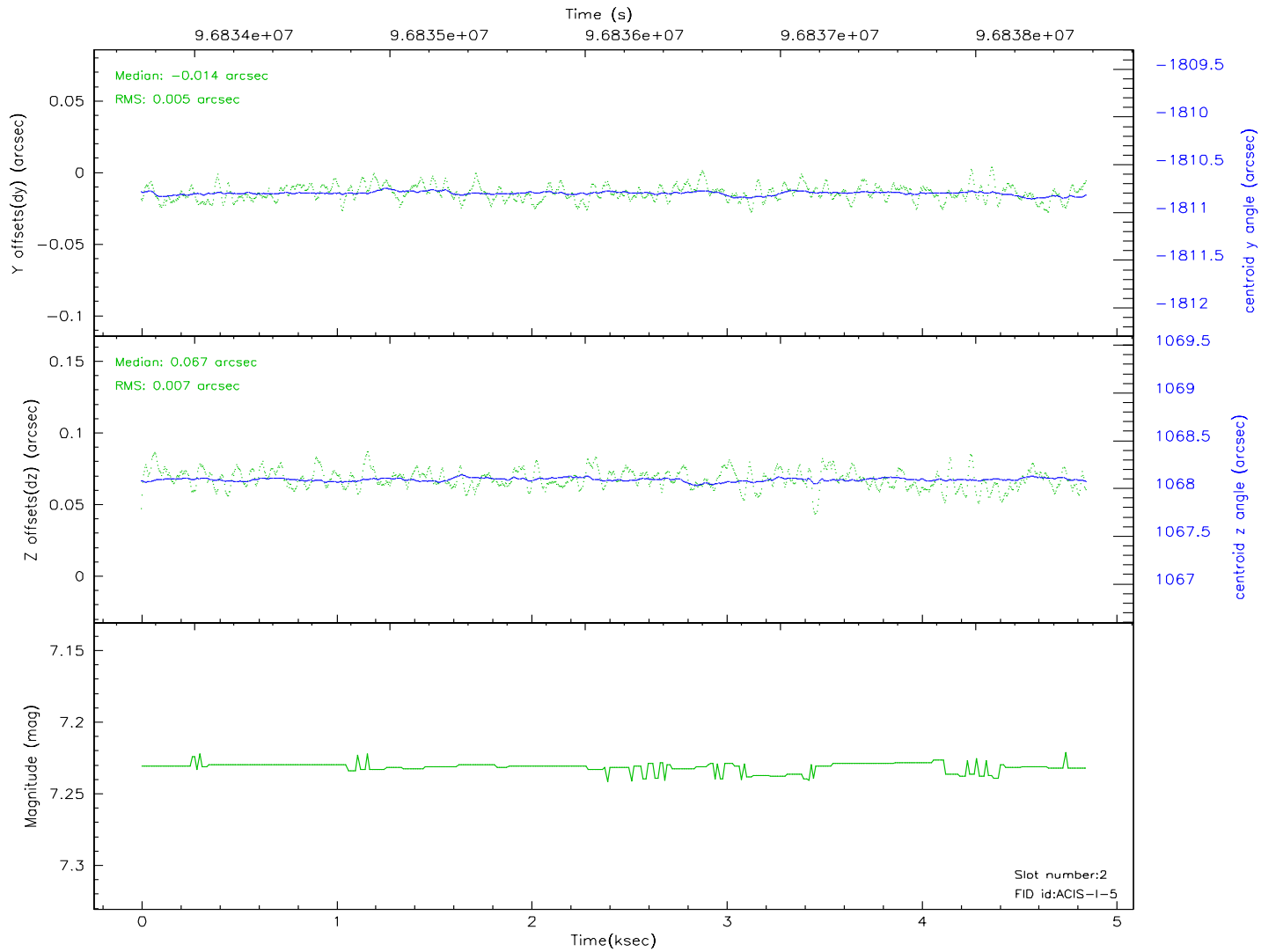
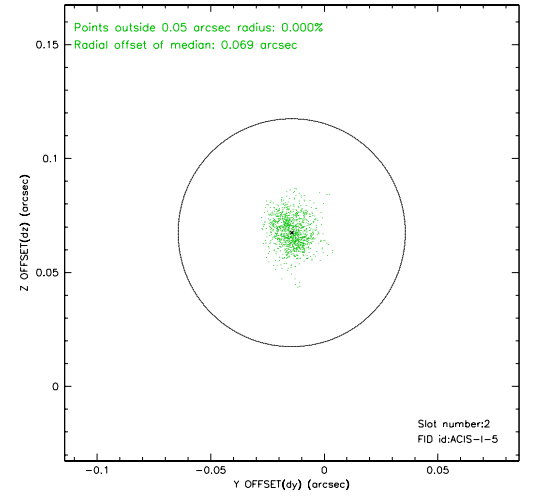
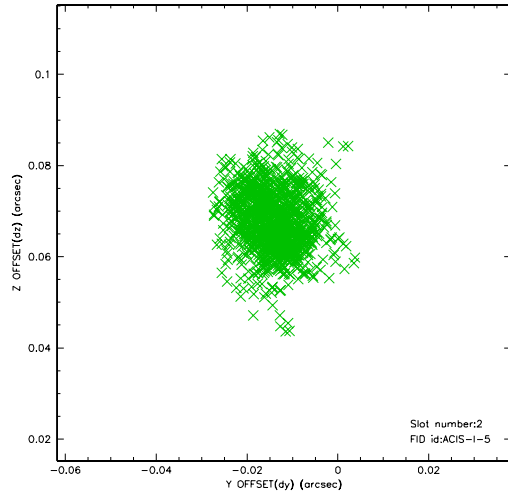
2.5.1 Slot 0



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)	2006.11.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.847

A.2 Comments