

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2154 - L2 Version 001
Chandra X-Ray Center

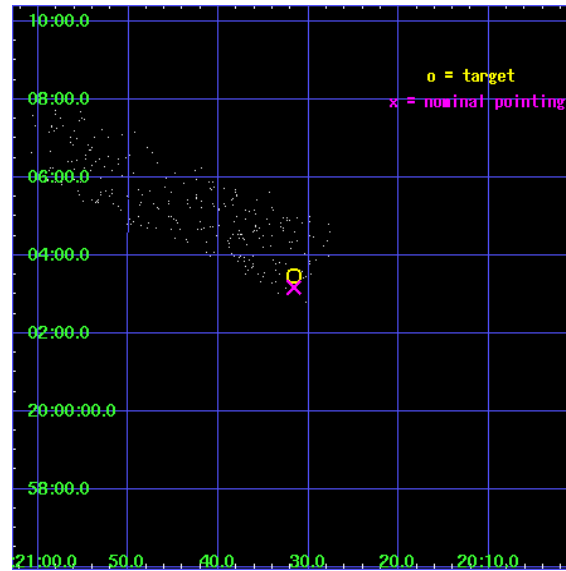
L2 Processing Date : Nov 4 2006

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1 Front

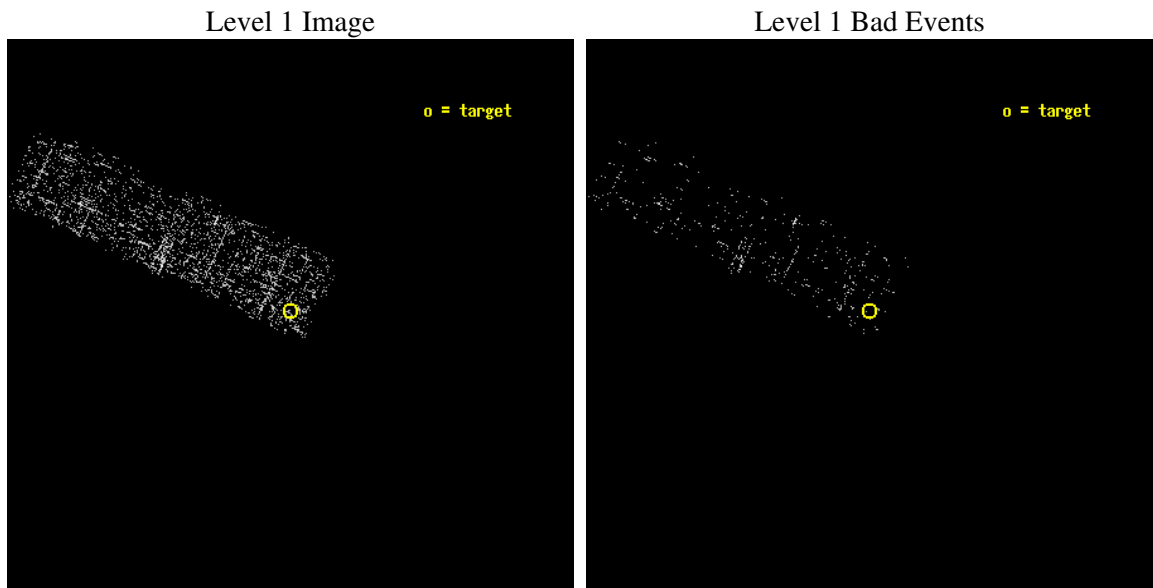
seq_num	700344
obs_id	2154
title	RED QUASARS AND THE X-RAY BACKGROUND
observer	Dr. BELINDA WILKES
object	2MASSJ012031+2003
dtcycle	0
cycle	P
ra_targ	20.131667
dec_targ	20.05775
ra_nom	20.13185337193
dec_nom	20.052868162718
roll_nom	294.58364800626
revision	2
ontime	1537.599994272
livetime	1462.5701457928
ontime3	1537.599994272
l2events	277



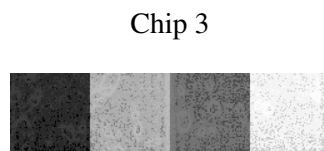
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.3
date	2006-11-04T09:48:44
revision	2

sched_exp_time	1700.000000
ontime	1538.2415991426
ontime3	1538.2415991426
l1events	3243

2.1.4 Events

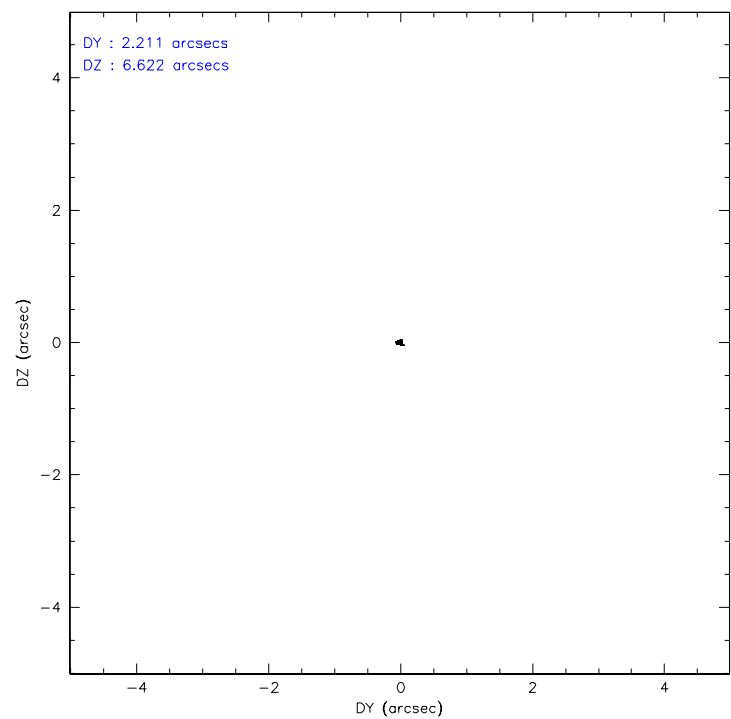
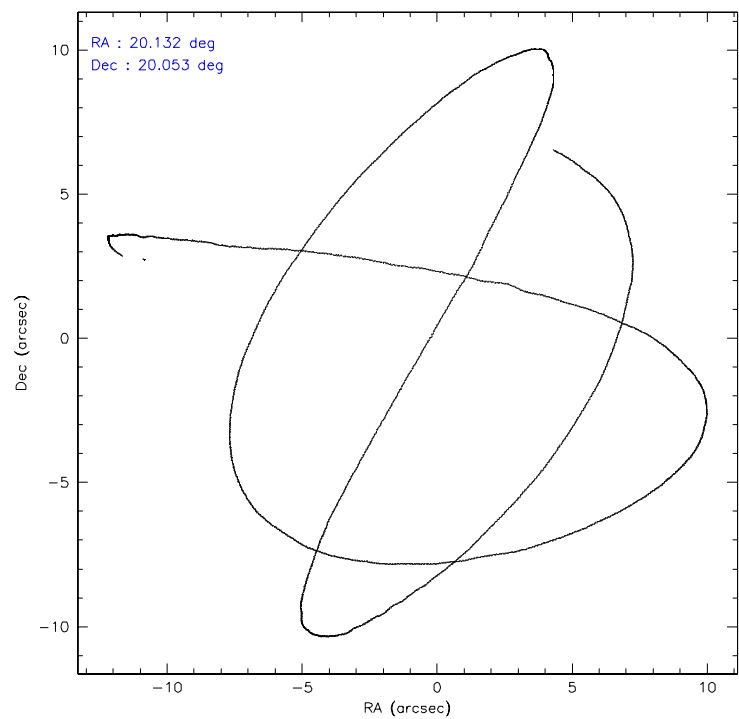
	ccd 3
level 1 events	3243
rejected events	2909
rejected %	89%

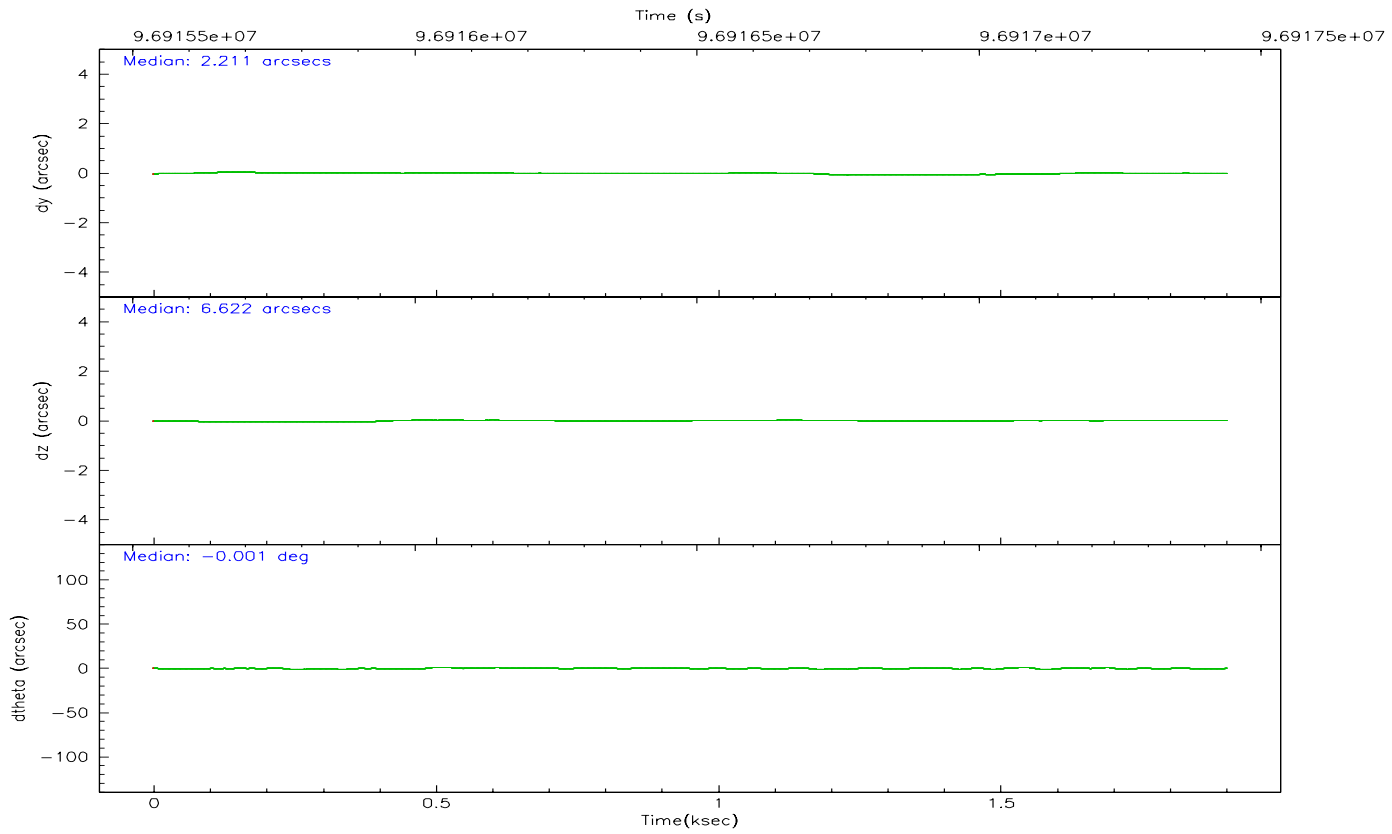
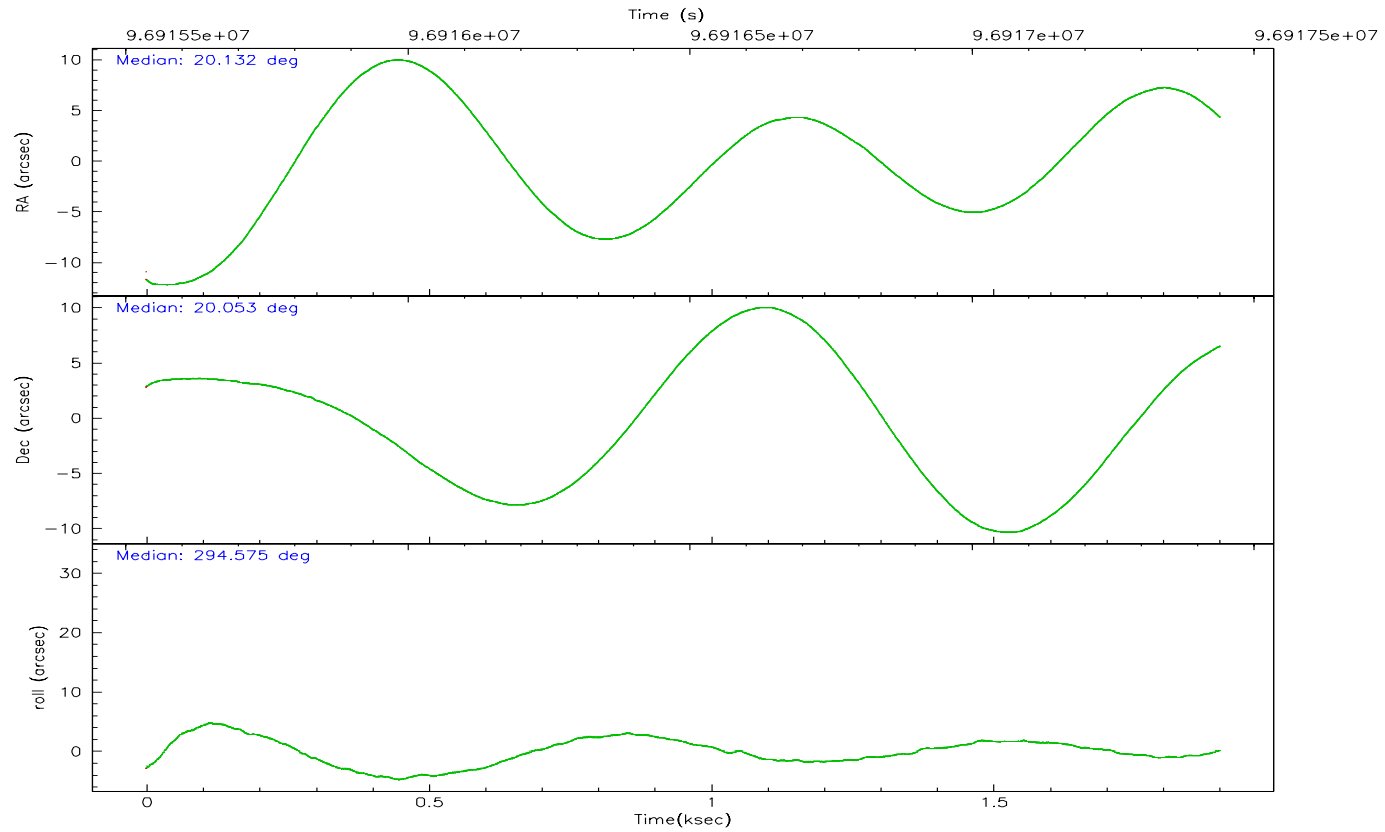
	ccd 3
grade 0 events	129
	3%
grade 1 events	1
	0%
grade 2 events	64
	1%
grade 3 events	43
	1%
grade 4 events	48
	1%
grade 5 events	83
	2%
grade 6 events	50
	1%
grade 7 events	2825
	87%

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	20.107978	20.13185337192987	Subarray requested	1/4	1/4
Pointing Dec	20.068898	20.05286816271811	Subarray start row	0	769
Pointing Roll	294.383159	294.5836480062607	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	96915737.184000	96915285.224038			
Observation start date	2001-01-26T17:01:13	2001-01-26T16:54:45			
Observation end time	96917437.184000	96917754.44913299			
Observation end date	2001-01-26T17:29:33	2001-01-26T17:35:54			
Read mode	TIMED	TIMED			

2.3 Aspect



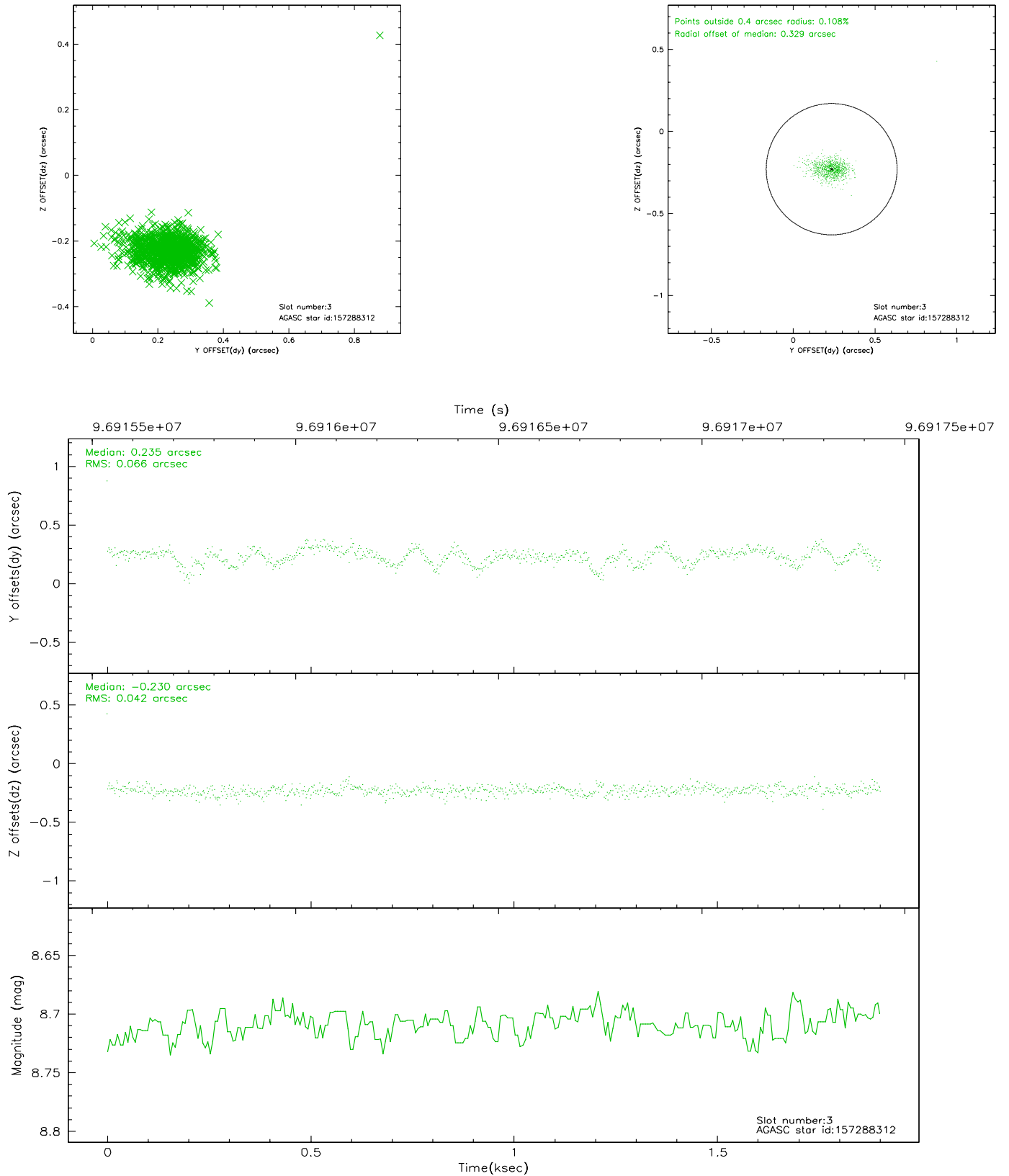


Slot Statistics

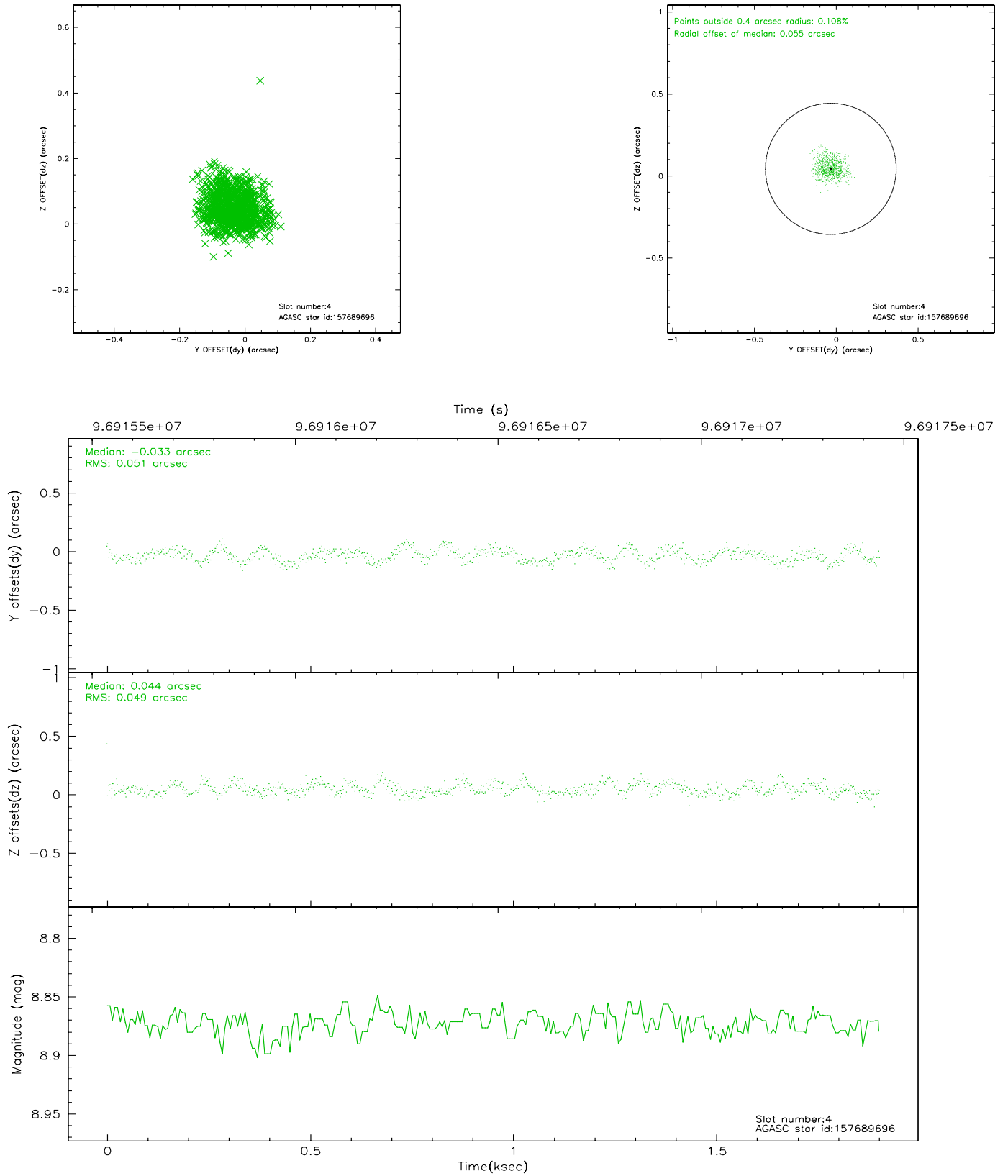
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	465	-0.036	0.058	0.006	0.011	0.000000	0.000000	937.56	-829.97
1	FID	ACIS-I-5	7.23	465	0.018	0.041	0.006	0.010	0.000000	0.000000	-1808.53	1065.86
2	FID	ACIS-I-6	7.26	465	-0.073	-0.028	0.006	0.012	0.000000	0.000000	399.40	1714.14
3	GUIDE	157288312	8.71	929	0.235	-0.230	0.074	0.131	19.706255	19.288860	1991.87	-2402.65
4	GUIDE	157689696	8.87	928	-0.033	0.044	0.074	0.117	20.676088	20.258732	166.98	2027.78
5	GUIDE	157692544	9.04	929	-0.149	0.072	0.076	0.122	19.789453	20.423886	-1609.94	-449.49
6	GUIDE	157690680	9.02	929	-0.040	0.045	0.083	0.135	20.449687	20.628435	-1364.04	1879.33
7	GUIDE	157691632	9.58	927	-0.015	0.066	0.095	0.149	20.564337	20.358448	-318.69	1835.44

2.4 Star Slots

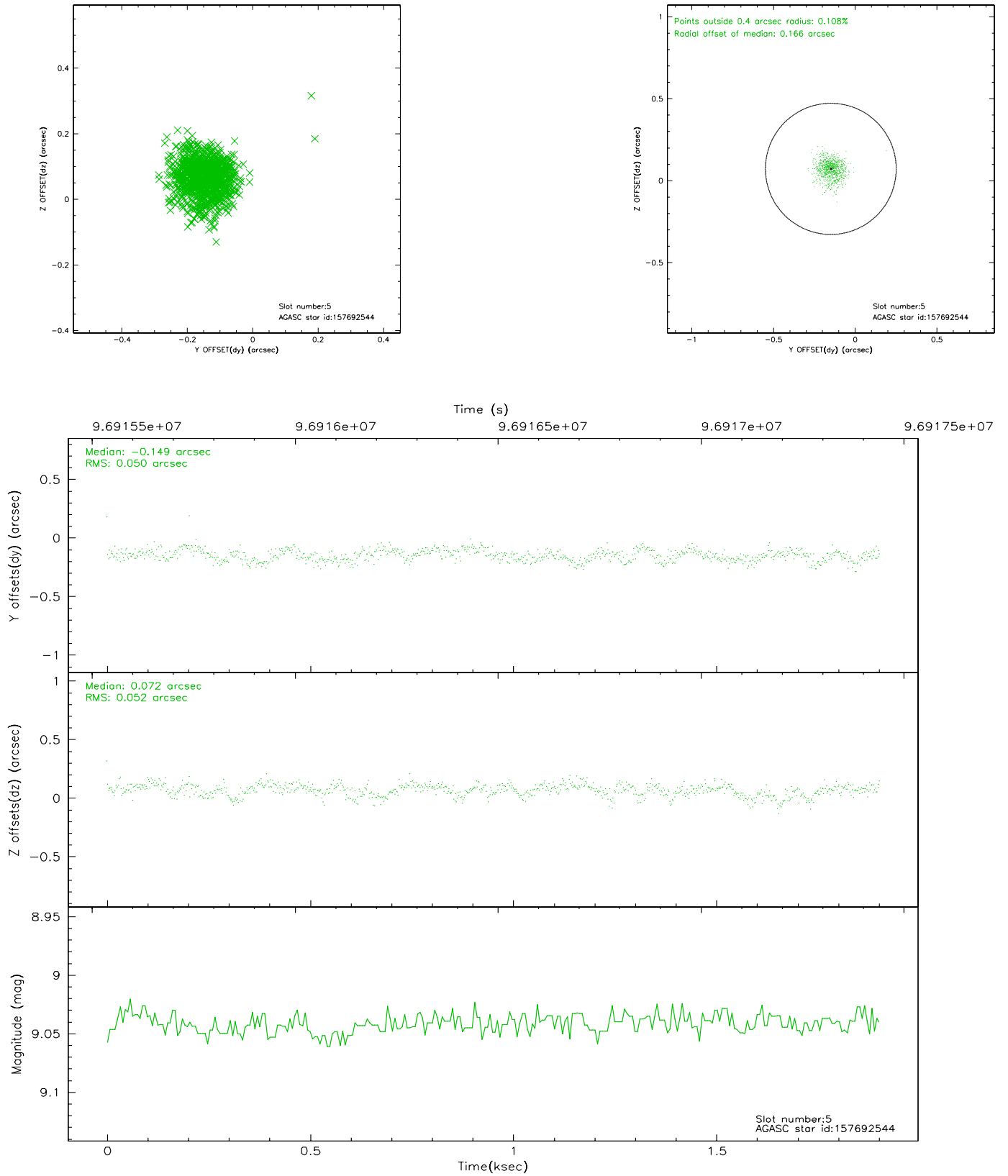
2.4.1 Slot 3



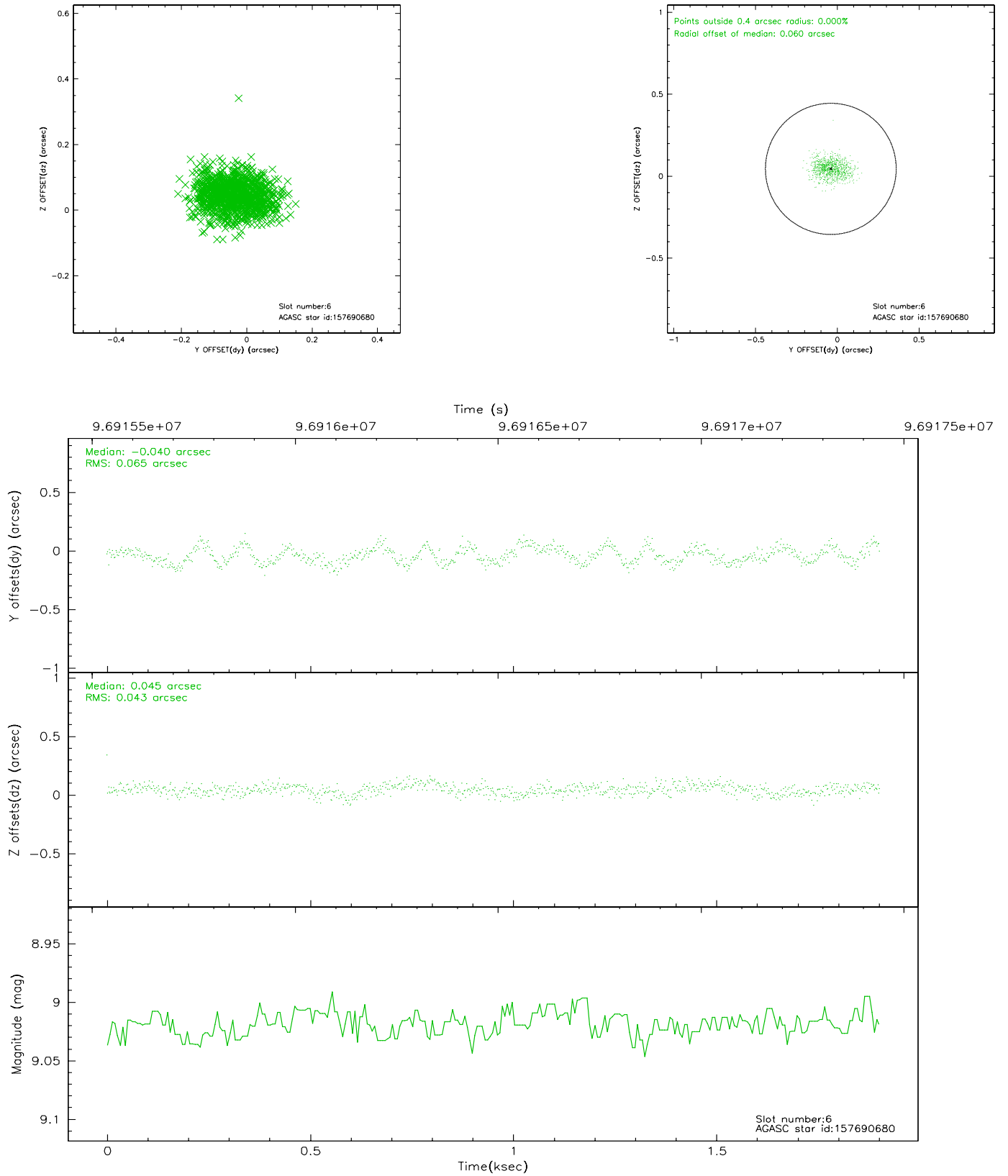
2.4.2 Slot 4



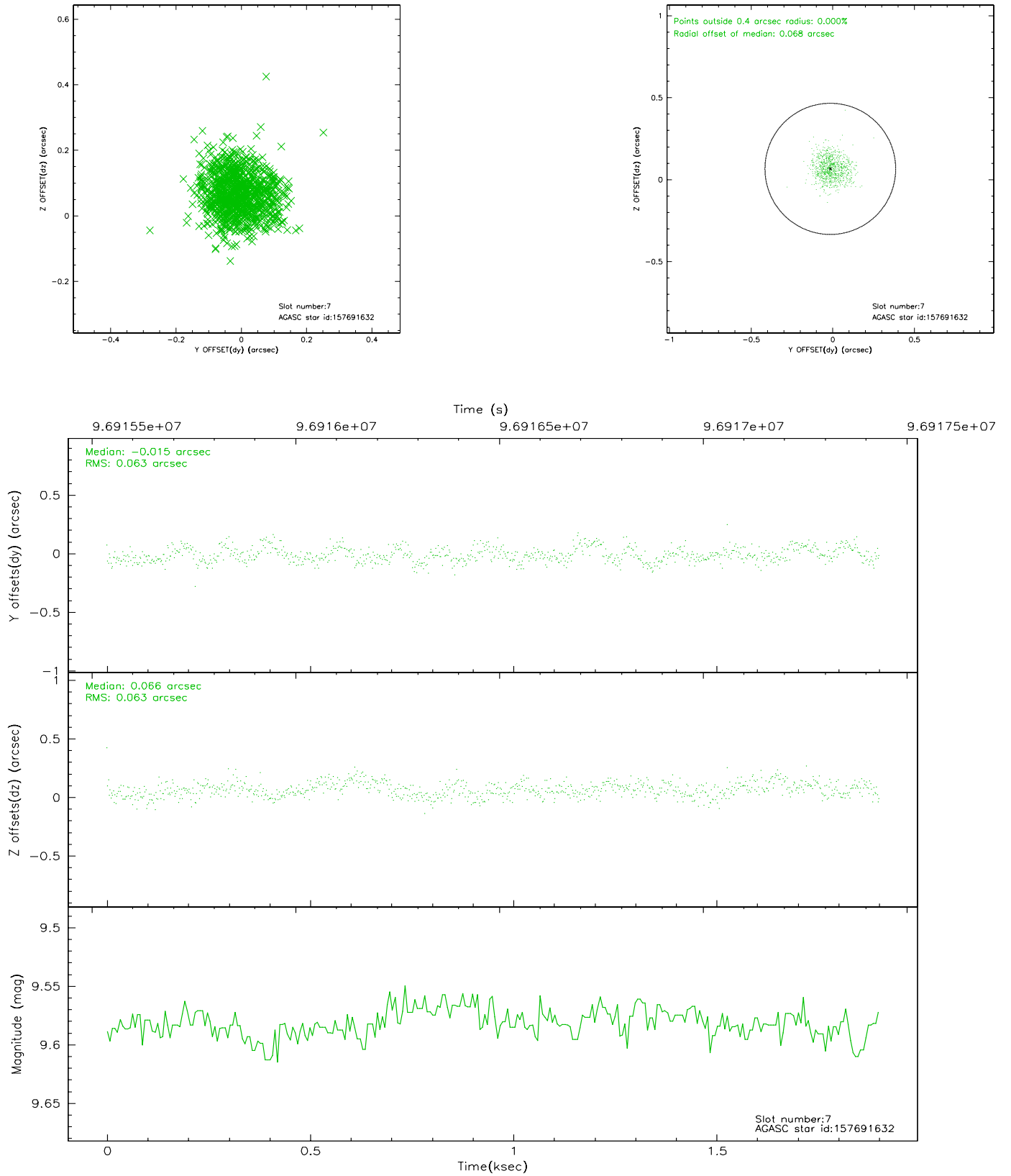
2.4.3 Slot 5



2.4.4 Slot 6

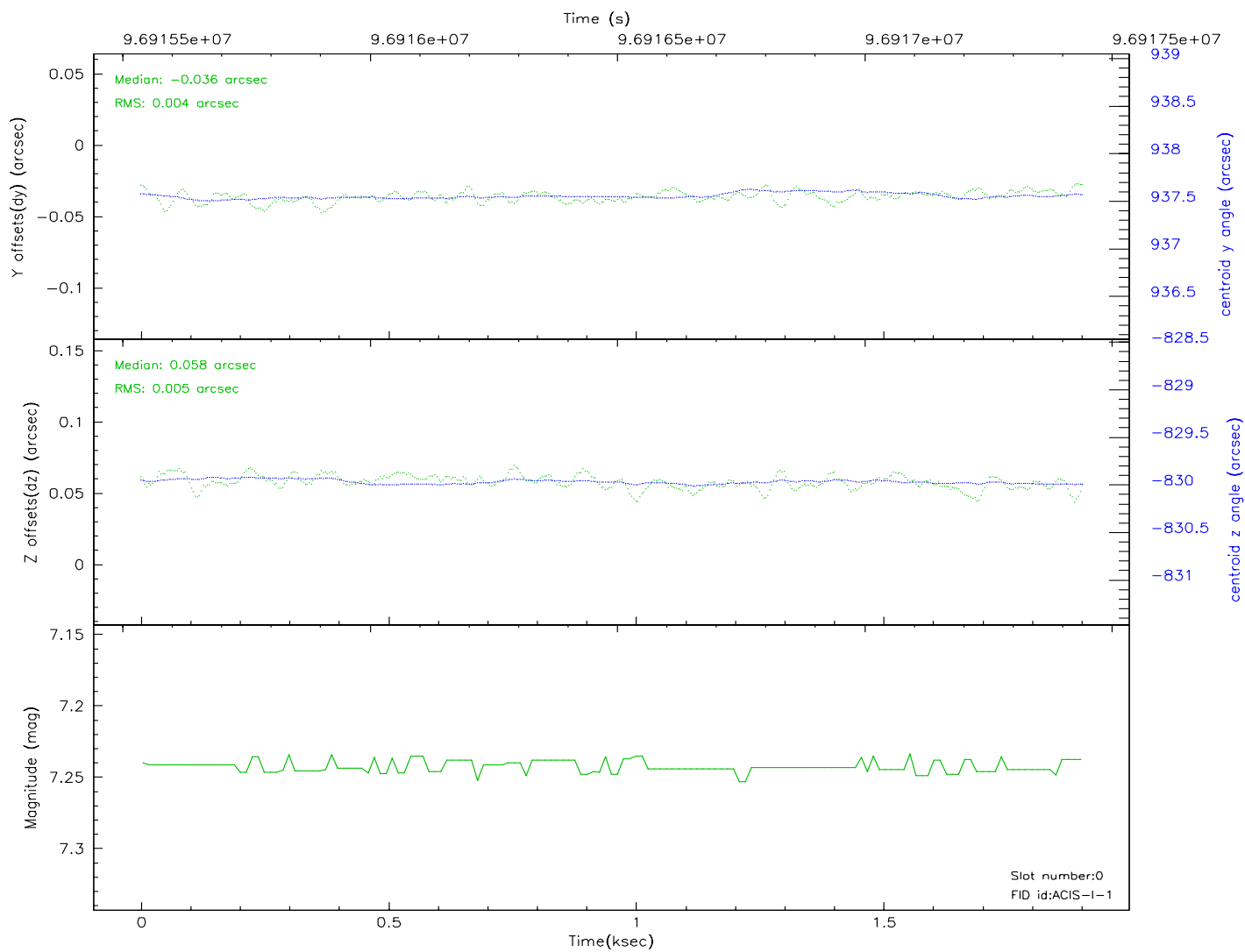
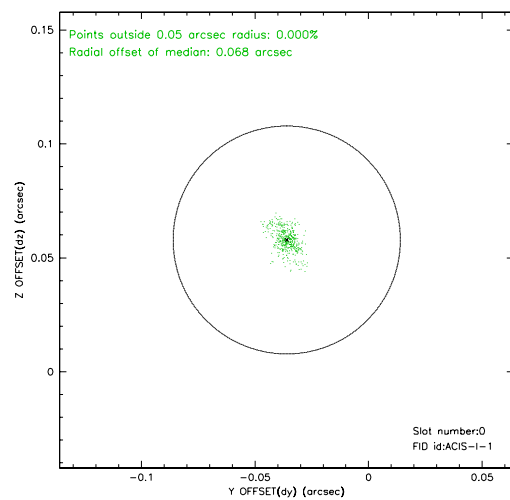
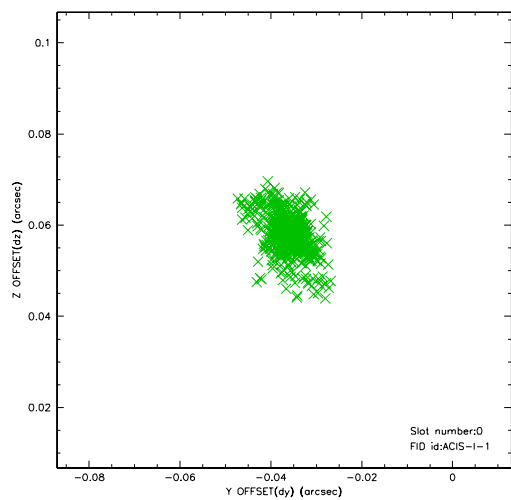


2.4.5 Slot 7

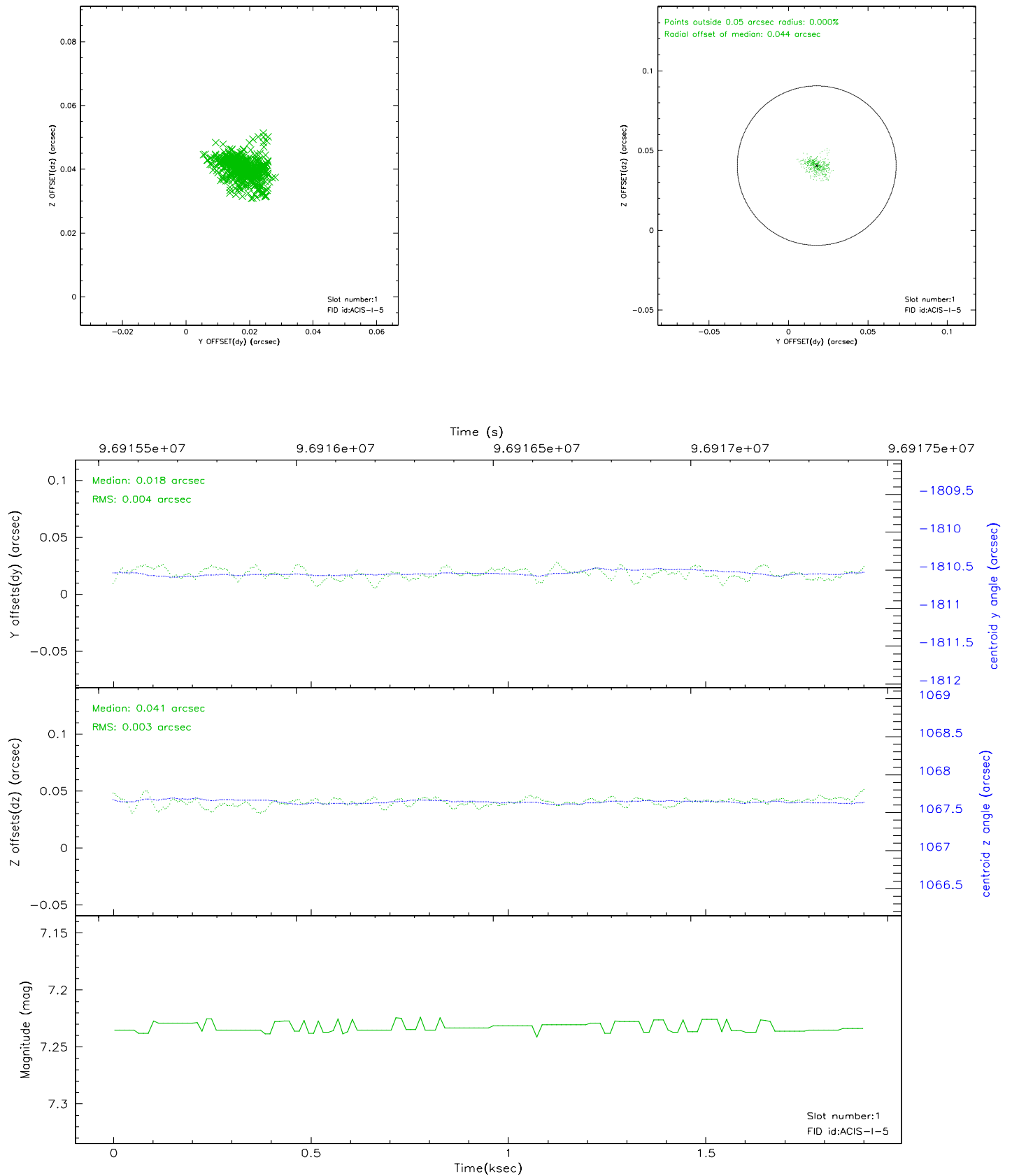


2.5 FID Slots

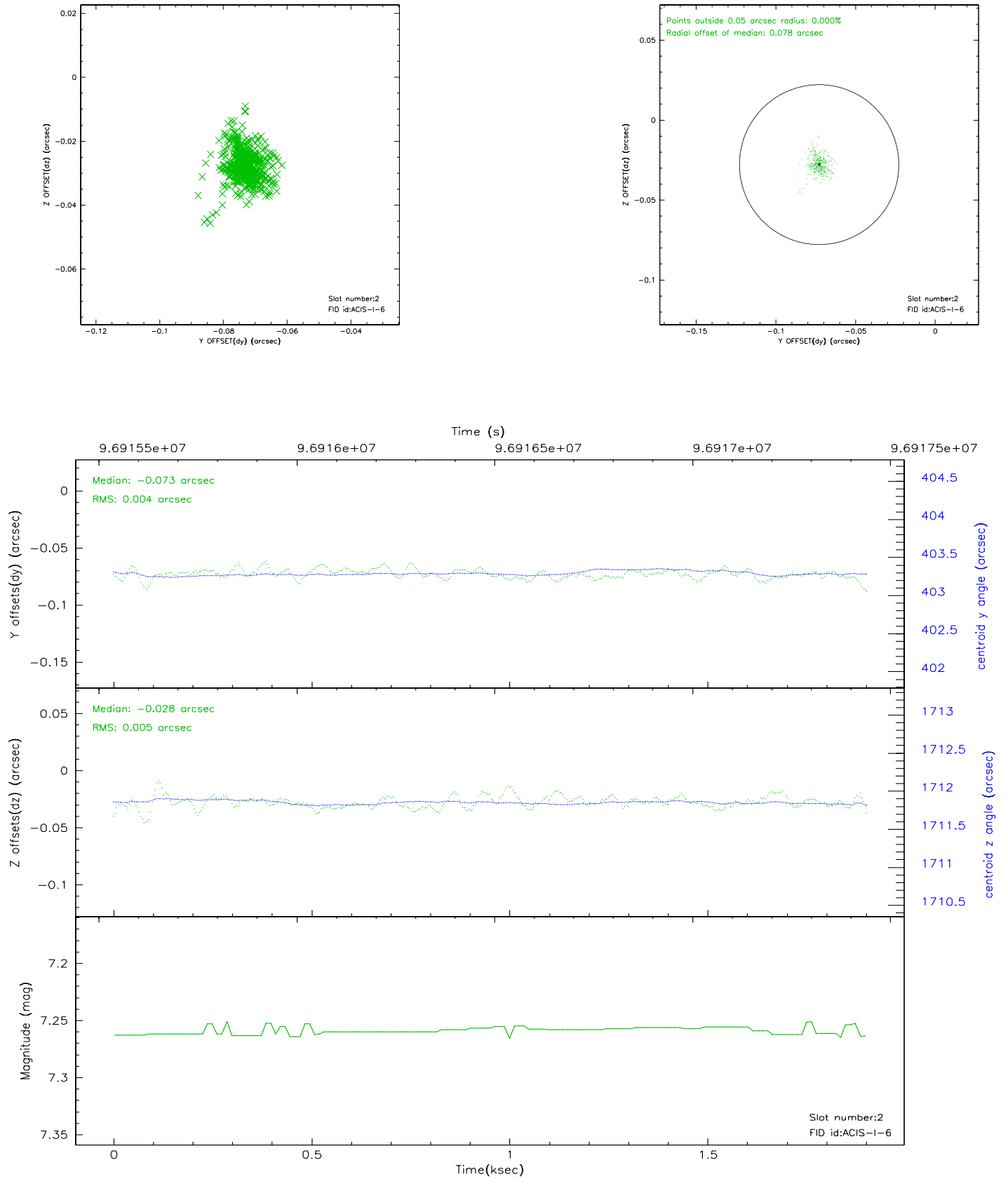
2.5.1 Slot 0



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)	2006.11.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.537

A.2 Comments