

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1631 - L2 Version 001
Chandra X-Ray Center

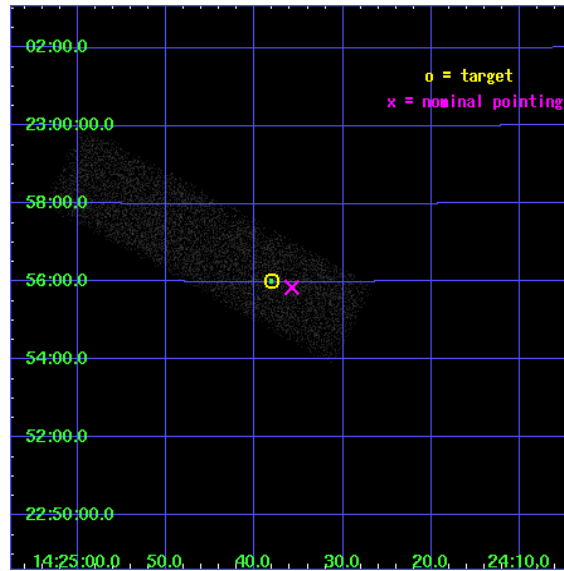
L2 Processing Date : Nov 21 2006

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1 Front

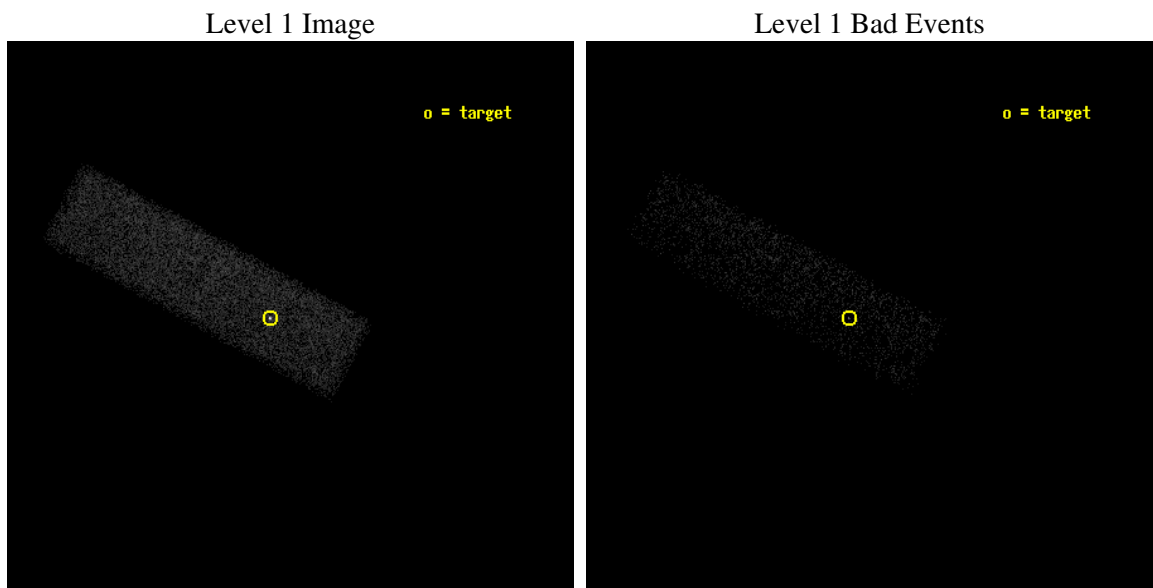
seq_num	700247
obs_id	1631
title	FOLLOW - UP ON CHANDRA SURVEY OF GRAVITATIONAL LENSES FOR TIME-DELAY MEASUREMENTS
observer	Professor Gordon Garmire
object	Q1422+231
dtcycle	0
cycle	P
ra_targ	216.15875
dec_targ	22.933611
ra_nom	216.14917852521
dec_nom	22.93080964344
roll_nom	208.54023049625
revision	2
ontime	11197.599958286
livetime	10651.193720428
ontime7	11197.599958286
l2events	11396



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2006-11-21T19:19:40
revision	2

sched_exp_time	11000.000000
ontime	12271.468437403
ontime7	12271.468437403
l1events	27676

2.1.4 Events

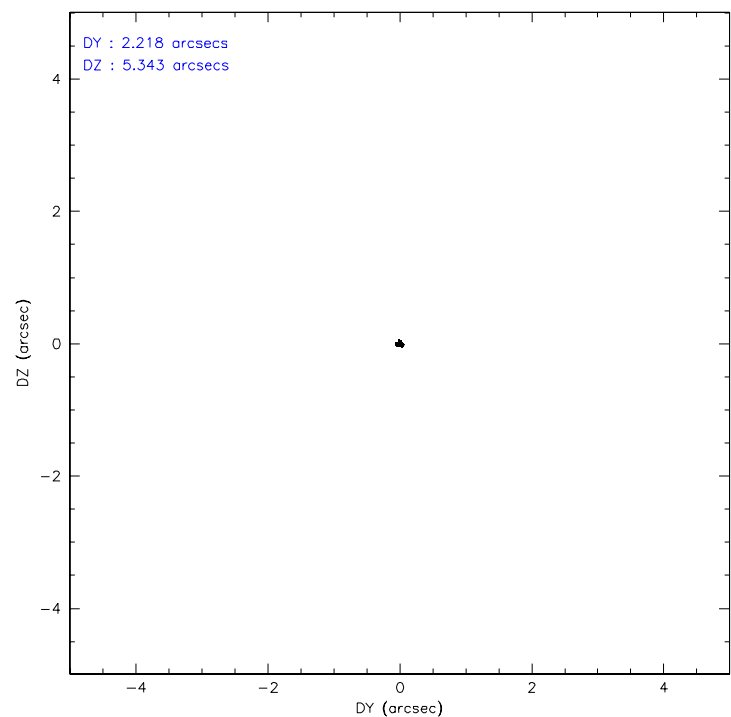
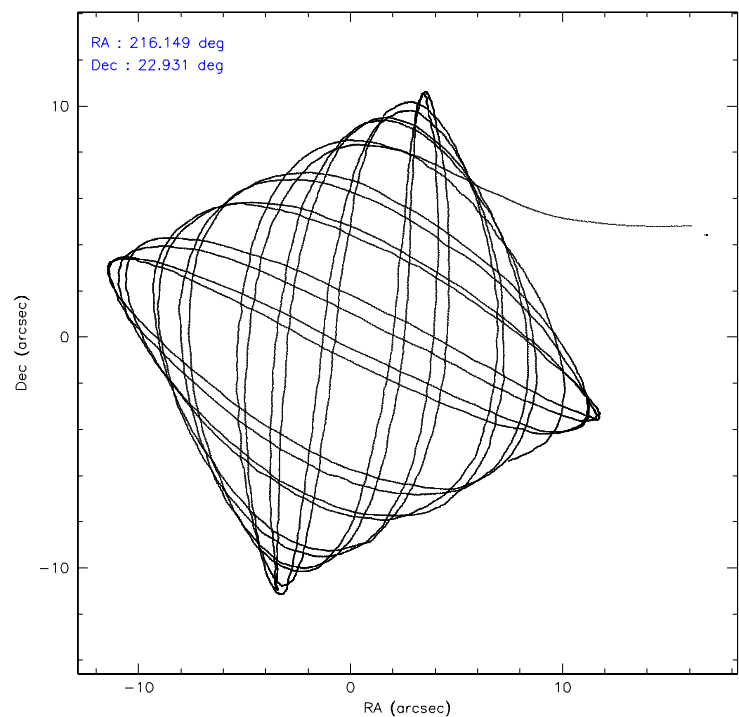
	ccd 7
level 1 events	27676
rejected events	15930
rejected %	57%

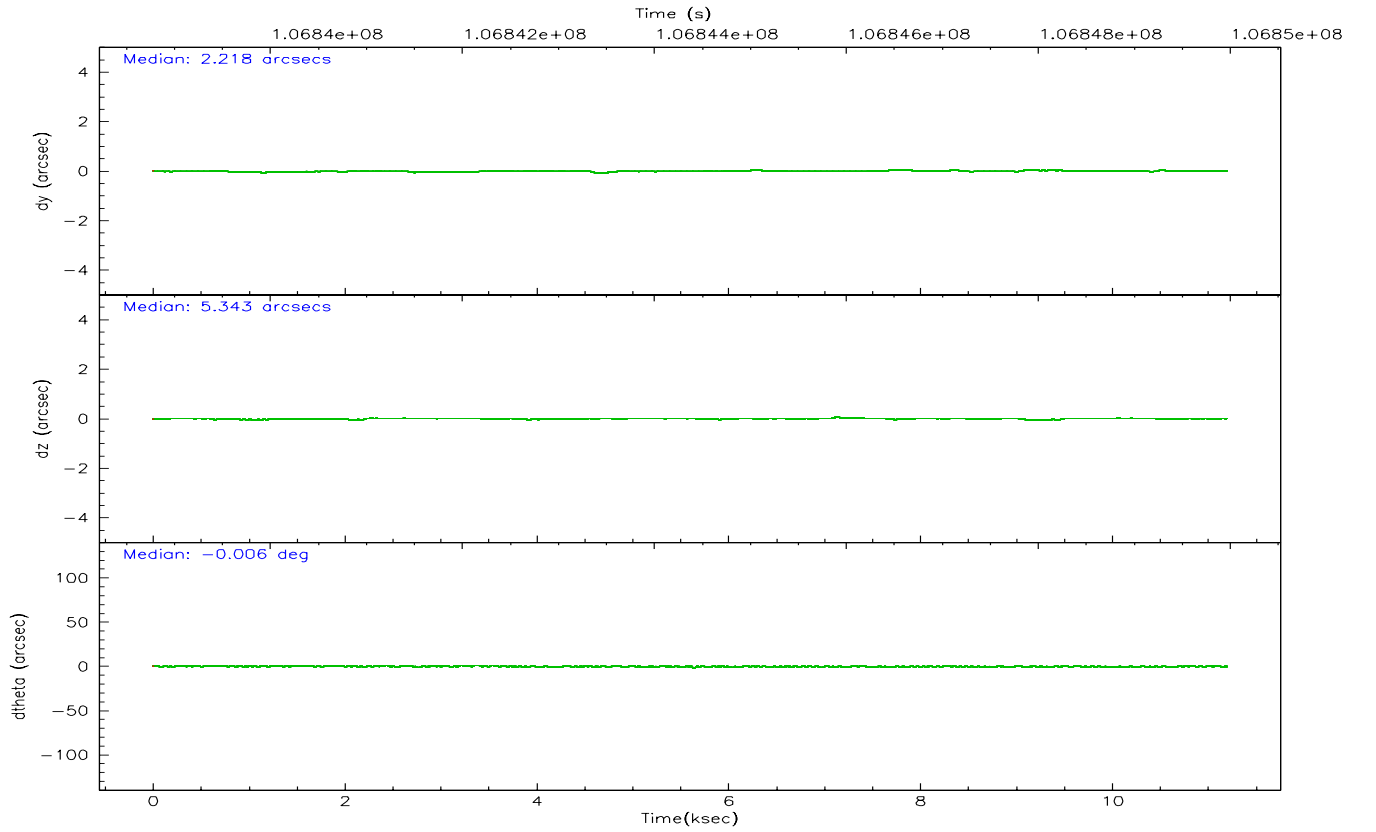
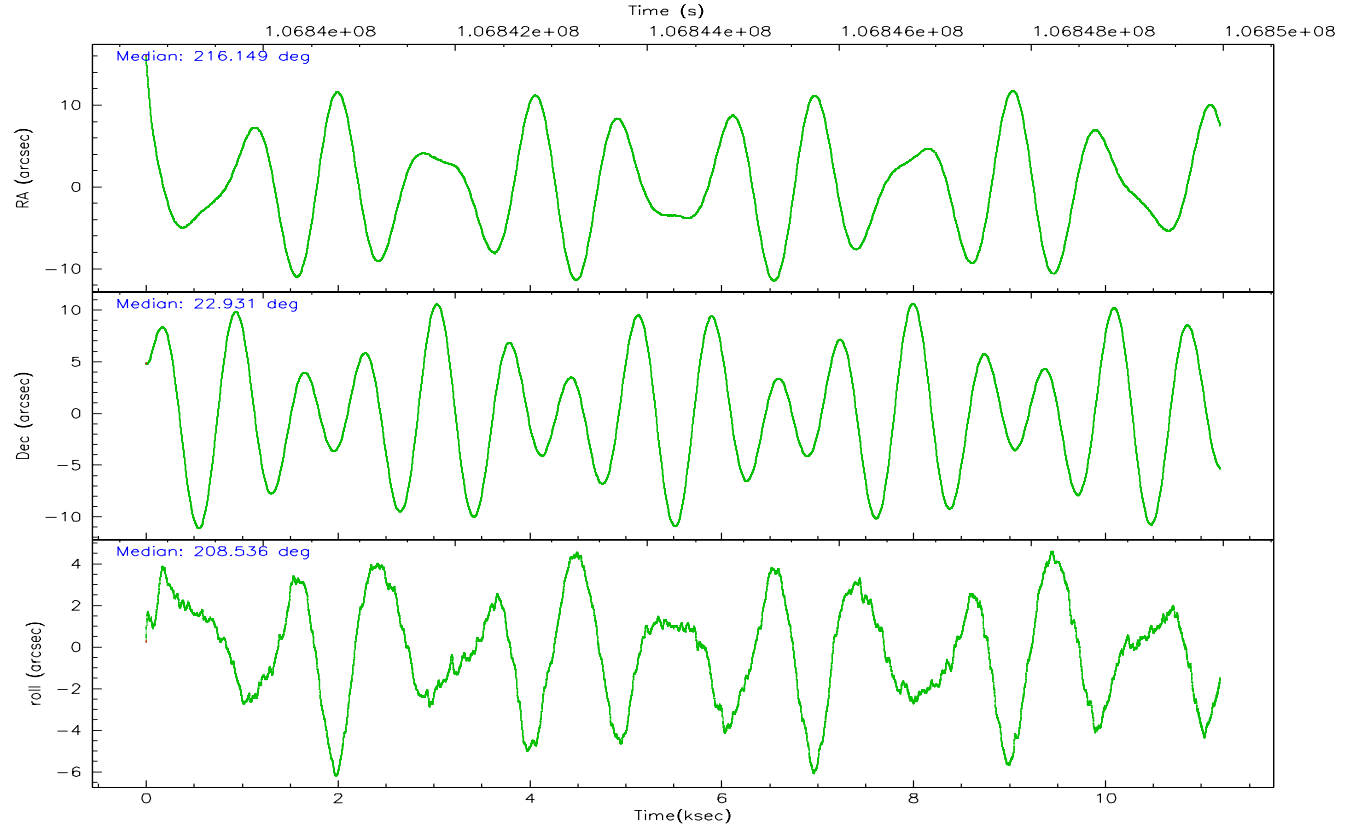
	ccd 7
grade 0 events	1342
	4%
grade 1 events	24
	0%
grade 2 events	2995
	10%
grade 3 events	1142
	4%
grade 4 events	1071
	3%
grade 5 events	1841
	6%
grade 6 events	6188
	22%
grade 7 events	13073
	47%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	216.164359	216.1491785252135	Subarray requested	CUSTOM	1/4
Pointing Dec	22.954209	22.93080964343982	Subarray start row	384	384
Pointing Roll	208.377675	208.5402304962522	Subarray row count	256	256
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	0.8
SIM translation stage pos (mm)	-190.132523	-190.145094680475			
SIM translation stage offset (mm)	0	0.01257209746719923			
Observation start time	106838972.184000	106837701.75795			
Observation start date	2001-05-21T13:28:28	2001-05-21T13:08:21			
Observation end time	106849972.184000	106850394.33344			
Observation end date	2001-05-21T16:31:48	2001-05-21T16:39:54			
Read mode	TIMED	TIMED			

2.3 Aspect



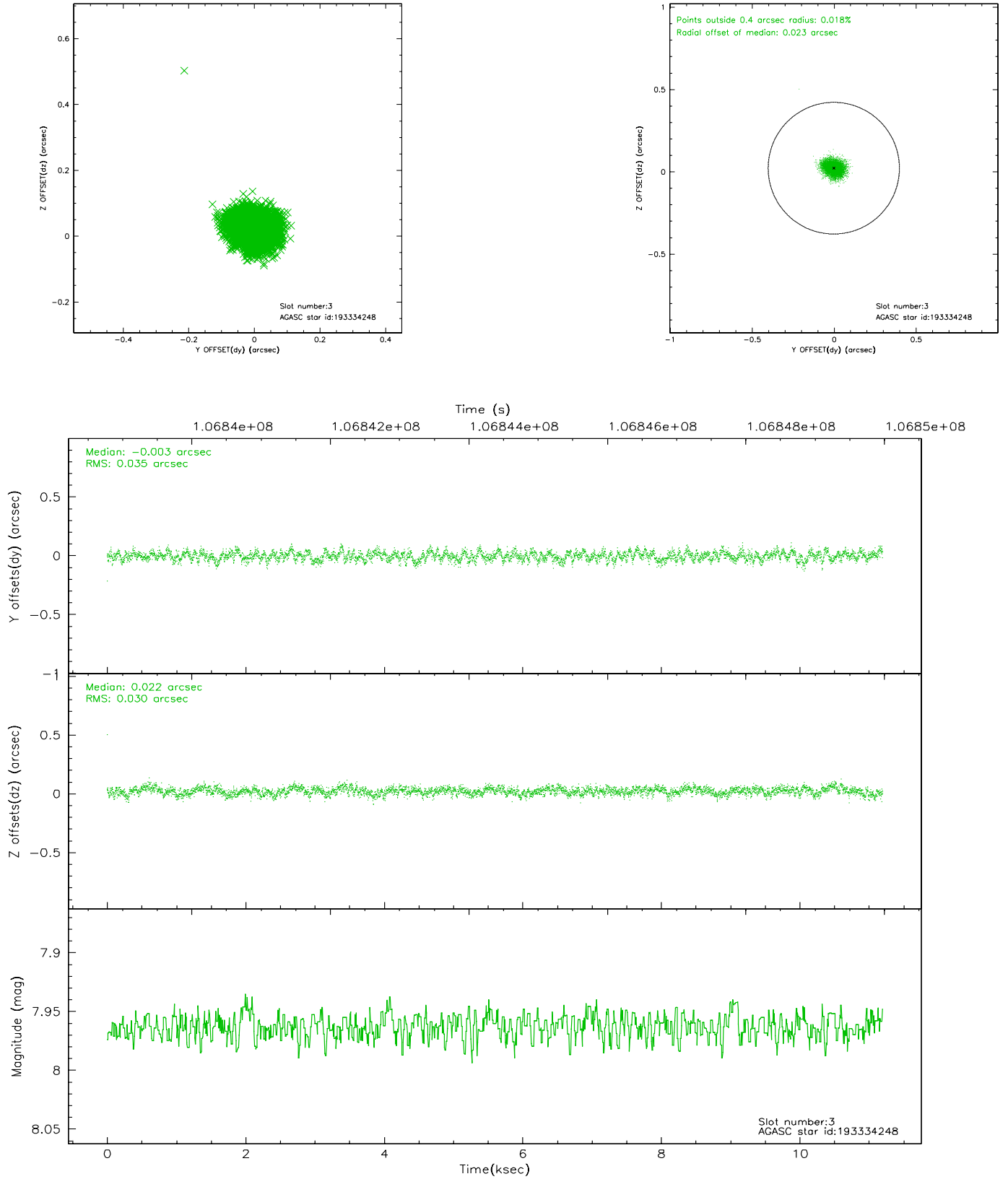


Slot Statistics

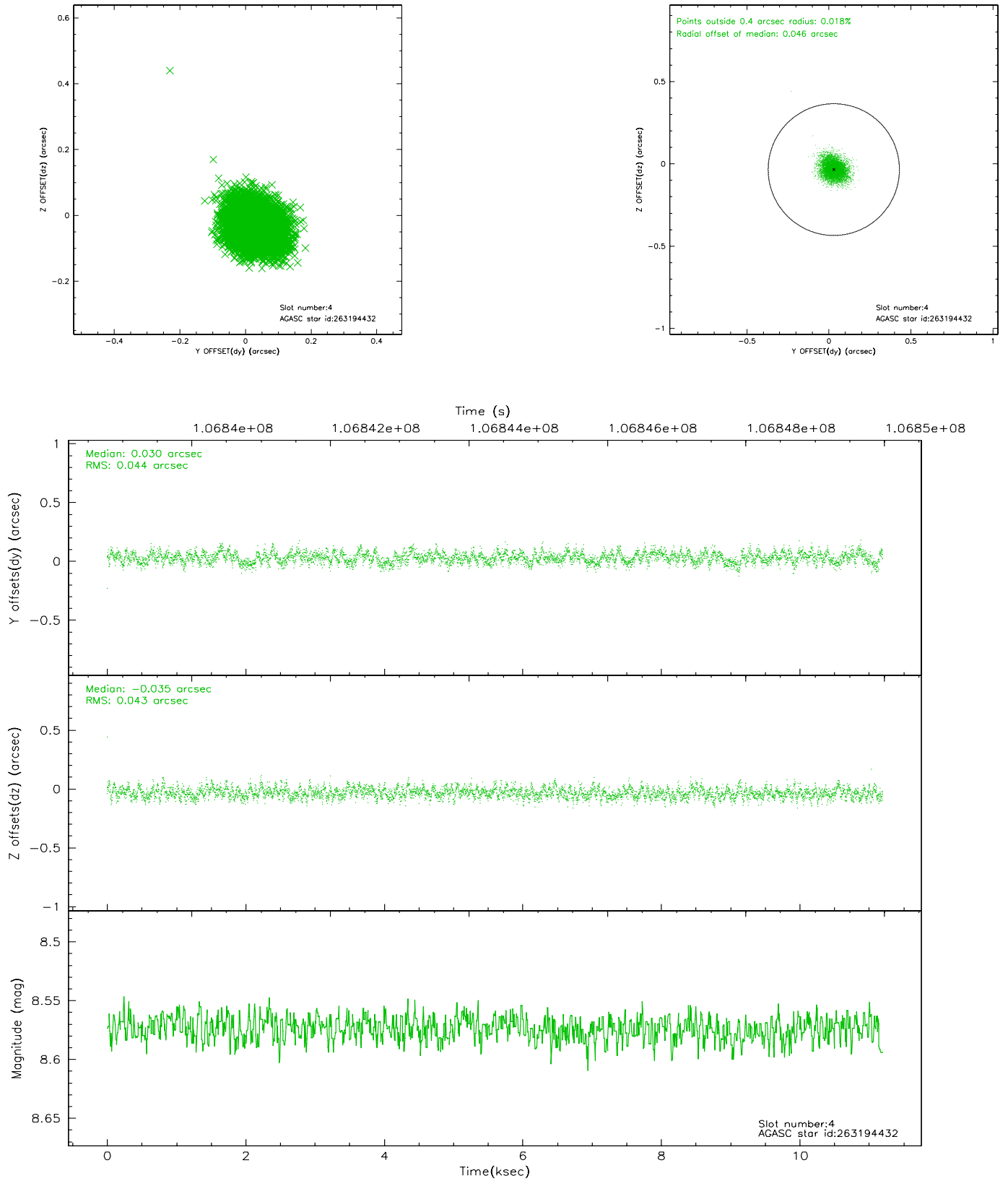
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	2732	-0.025	0.021	0.006	0.010	0.000000	0.000000	-754.81	-1726.36
1	FID	ACIS-S-4	7.20	2732	-0.071	0.006	0.005	0.009	0.000000	0.000000	2158.16	181.72
2	FID	ACIS-S-5	7.24	2731	0.065	-0.019	0.006	0.010	0.000000	0.000000	-1807.03	175.78
3	GUIDE	193334248	7.96	5463	-0.003	0.022	0.048	0.078	215.839819	22.271930	2118.21	1646.78
4	GUIDE	263194432	8.57	5461	0.030	-0.035	0.065	0.105	216.192636	22.671847	401.02	939.69
5	GUIDE	263196048	8.70	5463	0.010	0.043	0.062	0.101	216.468737	22.828170	-673.22	878.88
6	GUIDE	263198168	8.84	5464	-0.025	-0.003	0.080	0.130	216.844674	22.716629	-1583.74	1822.00
7	GUIDE	263200584	9.67	5461	-0.005	-0.031	0.099	0.165	215.715152	23.220906	850.16	-1552.31

2.4 Star Slots

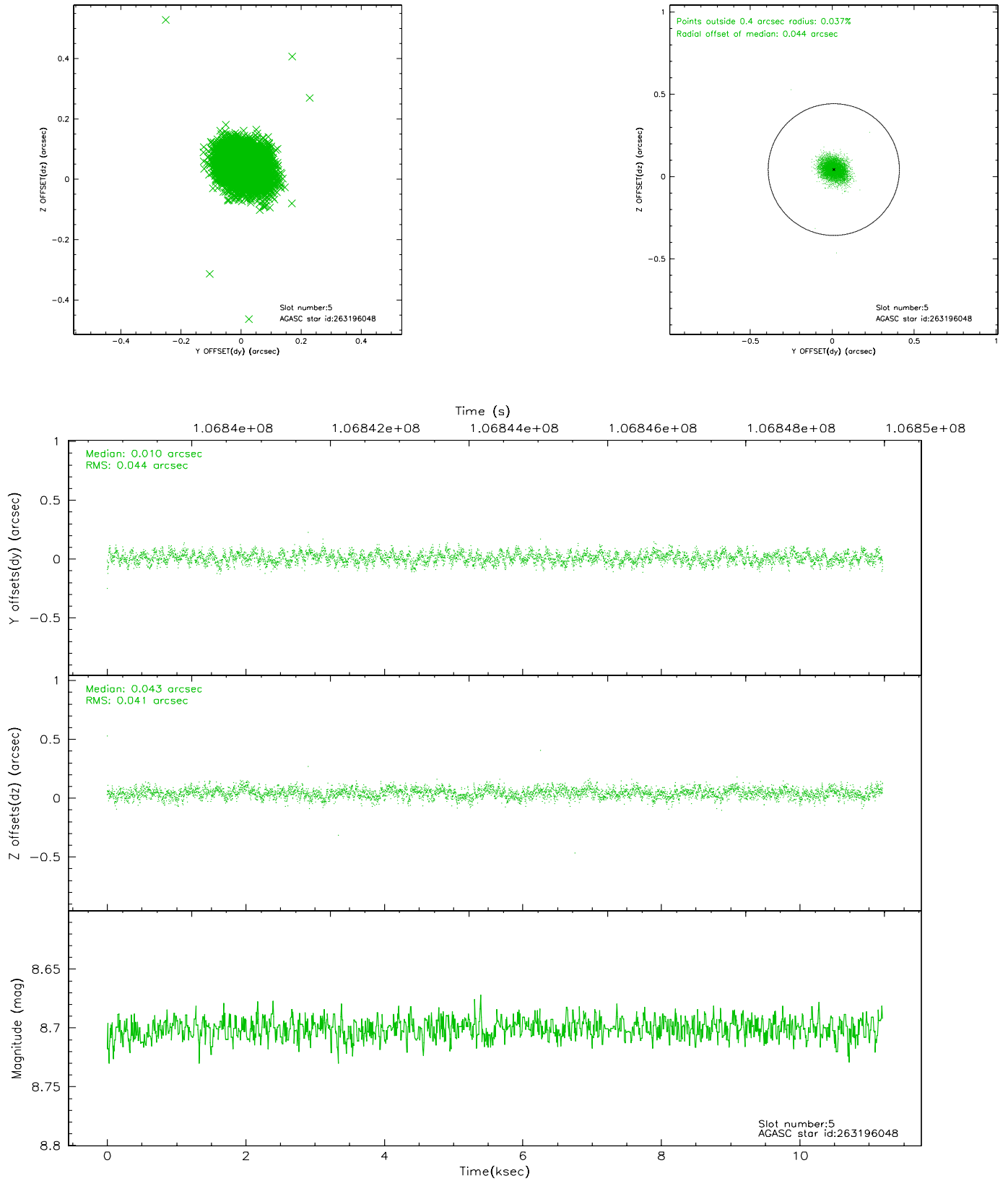
2.4.1 Slot 3



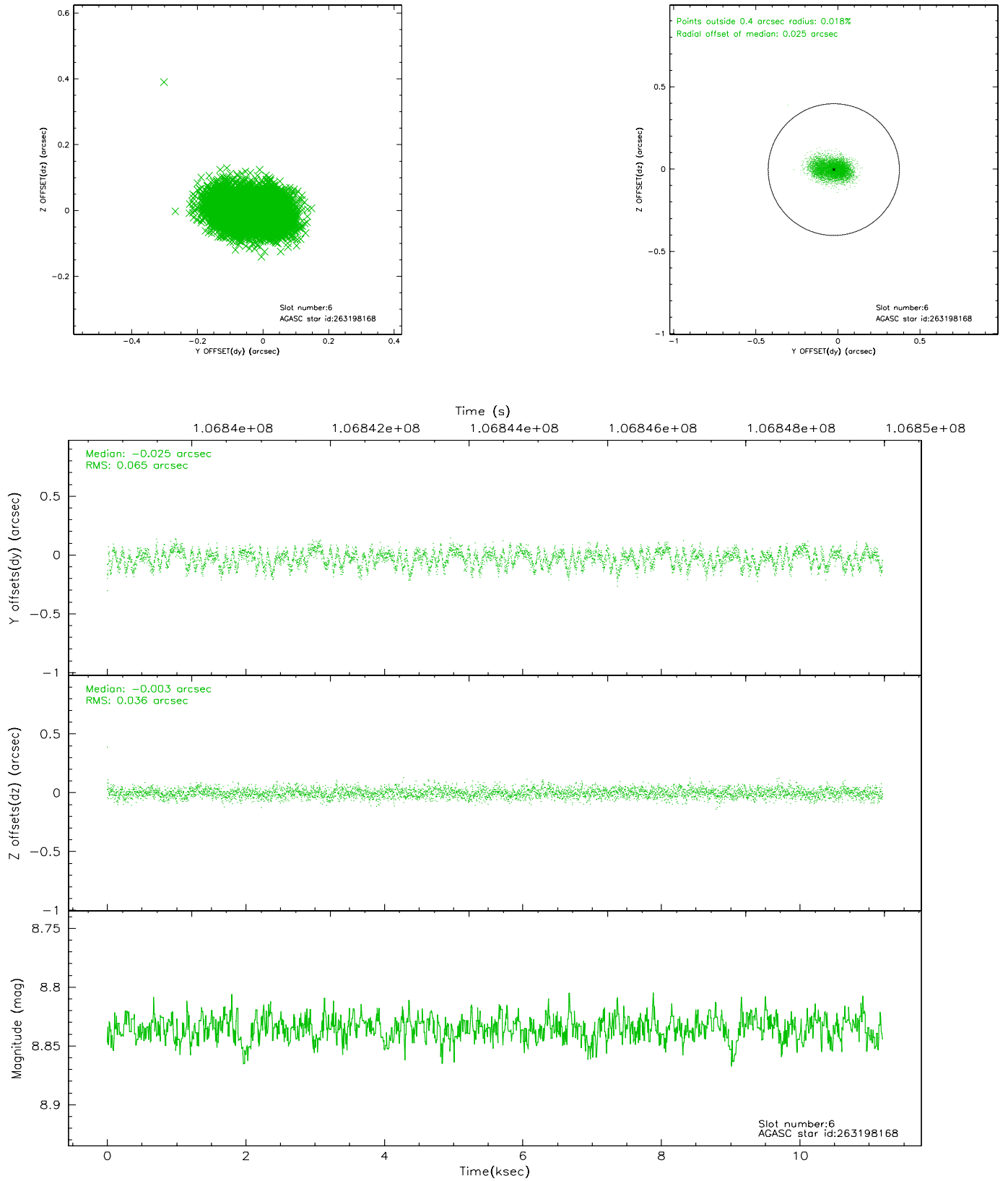
2.4.2 Slot 4



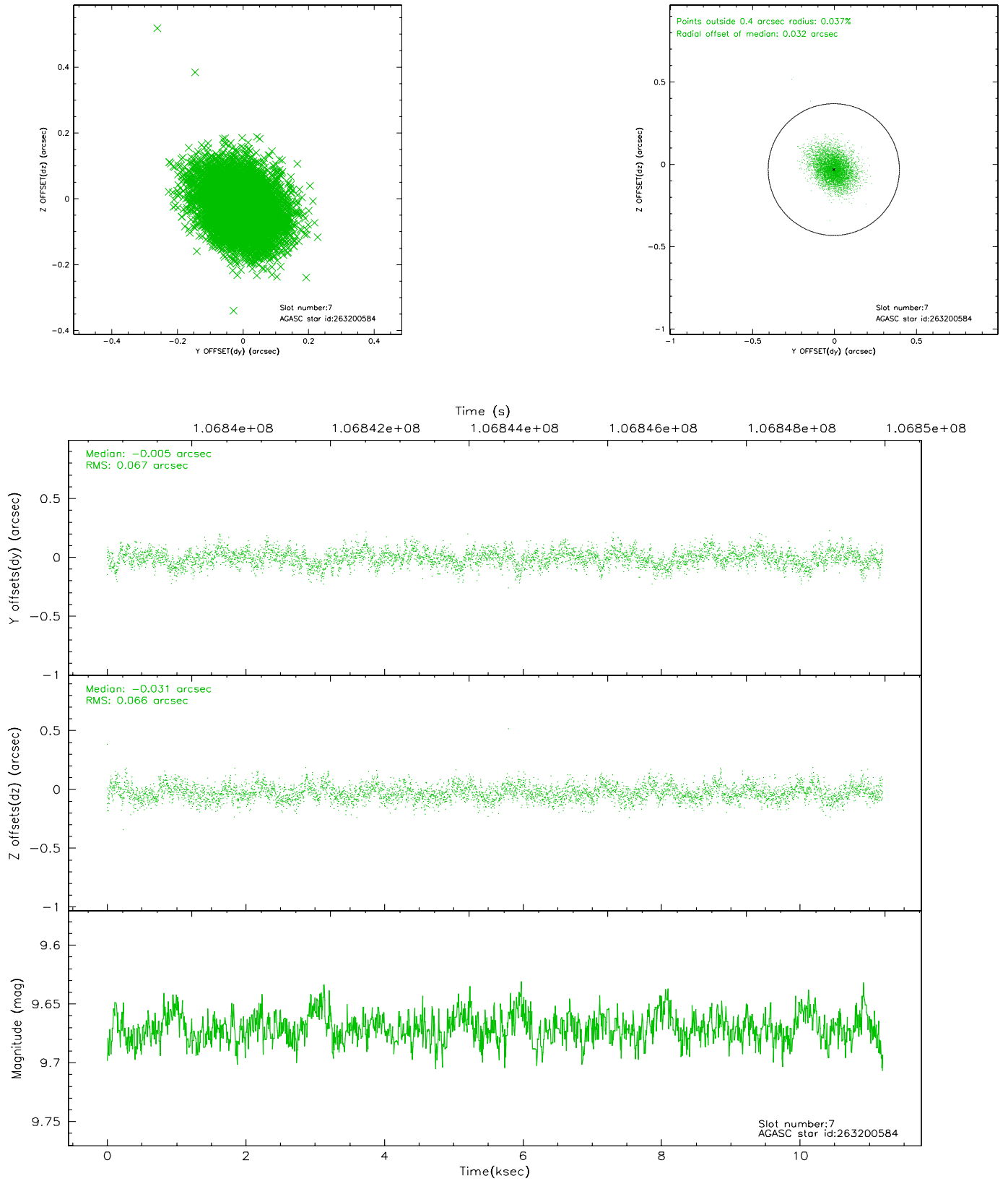
2.4.3 Slot 5



2.4.4 Slot 6

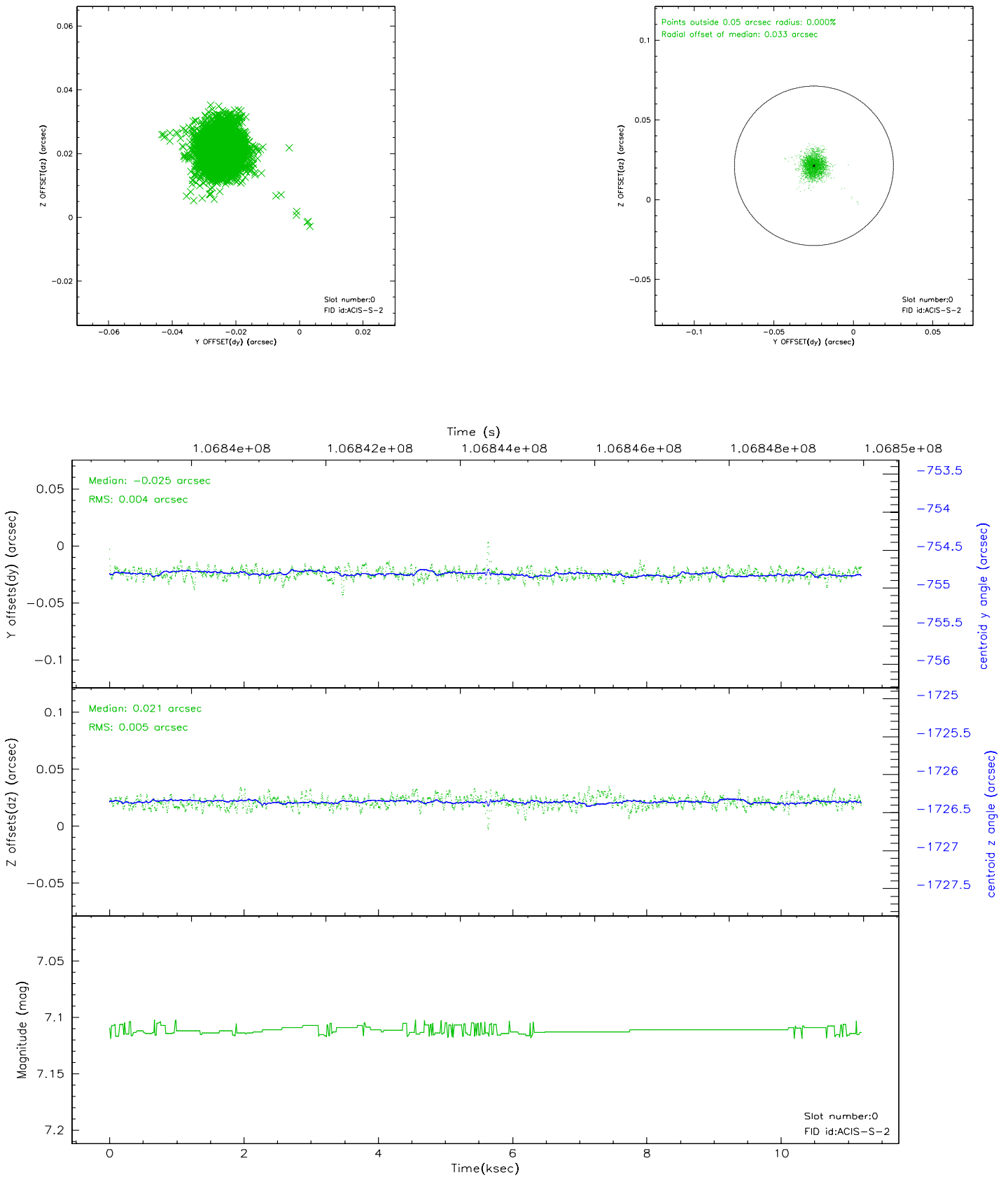


2.4.5 Slot 7

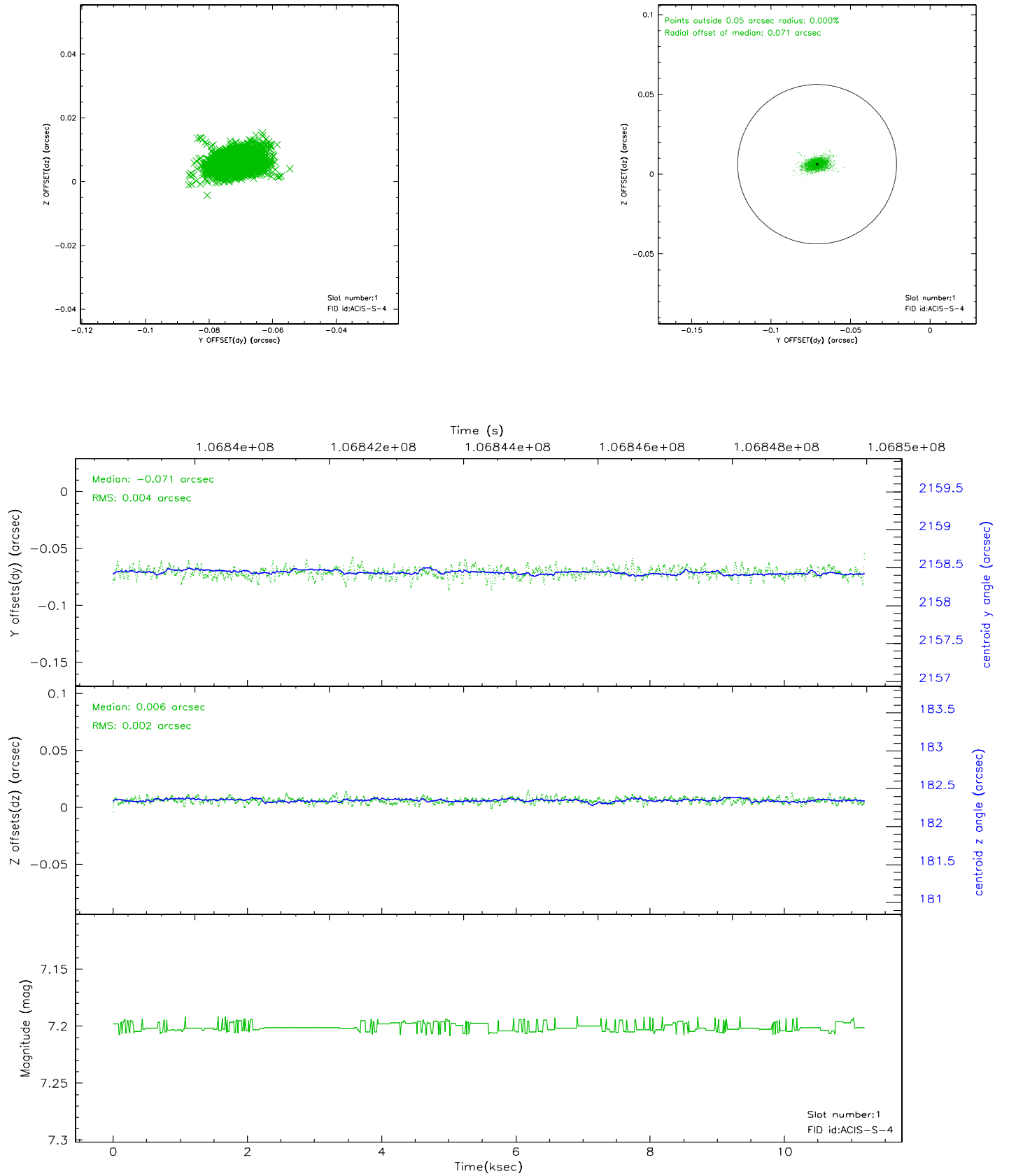


2.5 FID Slots

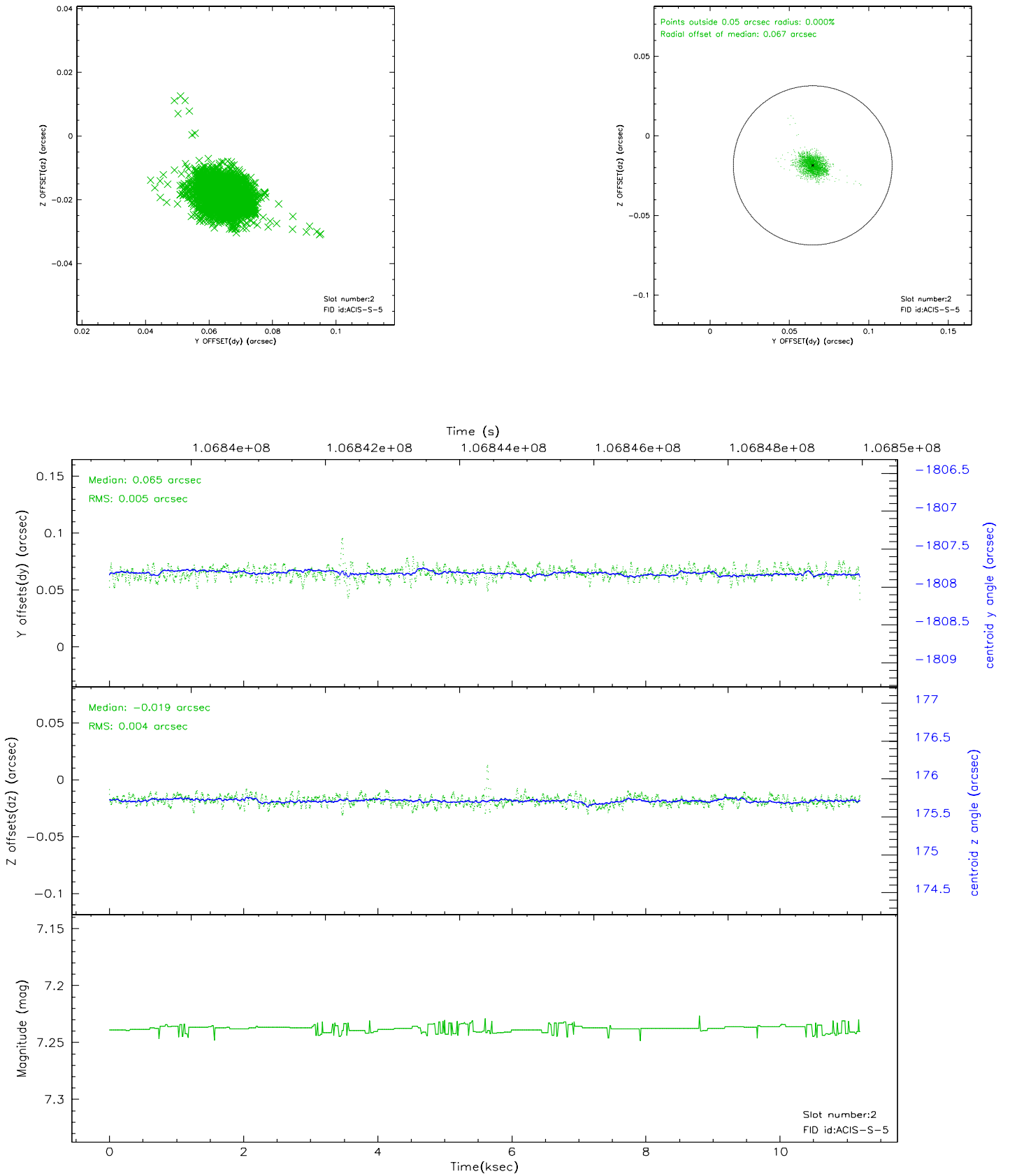
2.5.1 Slot 0



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)	2006.11.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	11.2

A.2 Comments