

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2399 - L2 Version 001
Chandra X-Ray Center

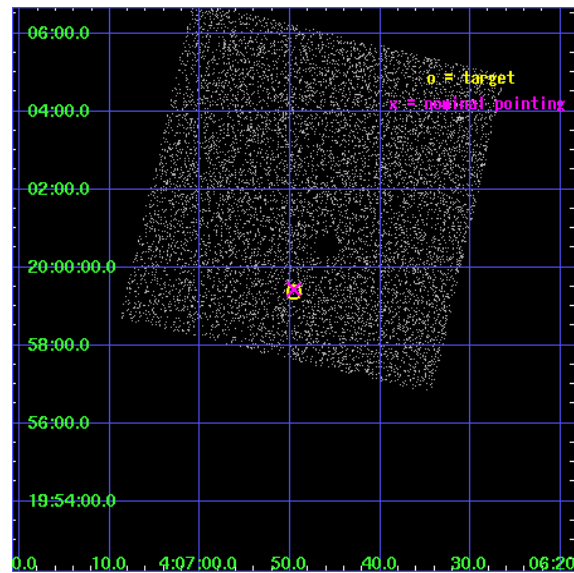
L2 Processing Date : Jun 20 2007

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1 Front

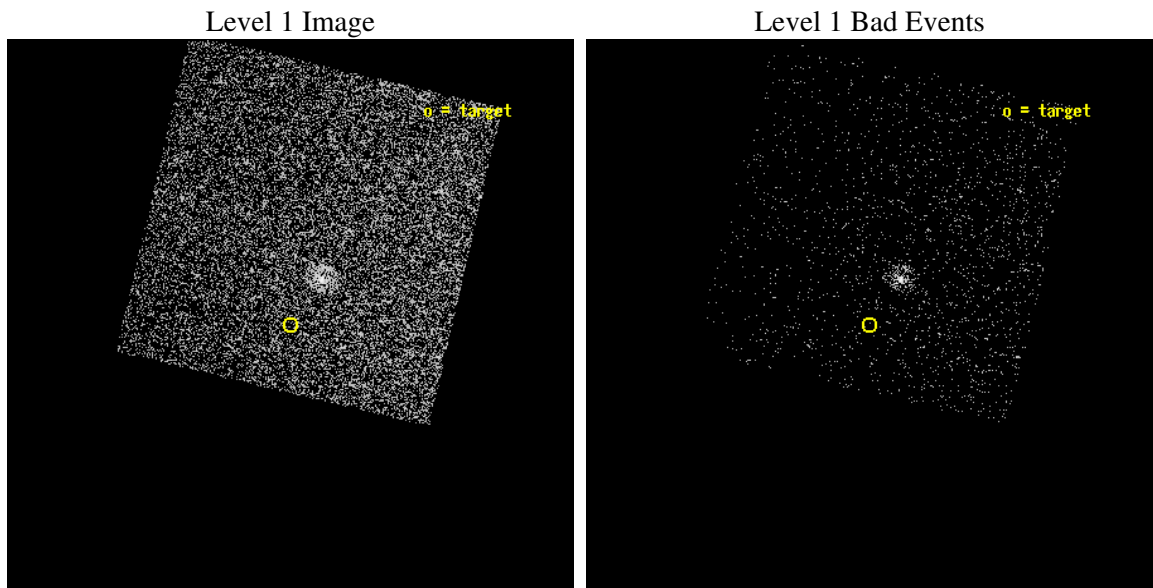
seq_num	190001
obs_id	2399
title	ACIS OBSERVATIONS OF JUPITER
observer	Dr. CXC Calibration
object	JUPITER
dtcycle	0
cycle	P
ra_targ	61.706283
dec_targ	19.989669
ra_nom	61.706630653871
dec_nom	19.990489194263
roll_nom	283.13837443311
revision	2
ontime	3345.0
livetime	3299.8579433352
ontime7	3345.0
l2events	10174



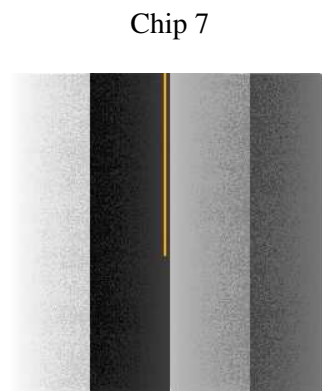
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.4.0
date	2007-06-20T11:30:59
revision	2

sched_exp_time	3500.000000
ontime	3345.0
ontime7	3345.0
l1events	25854

2.1.4 Events

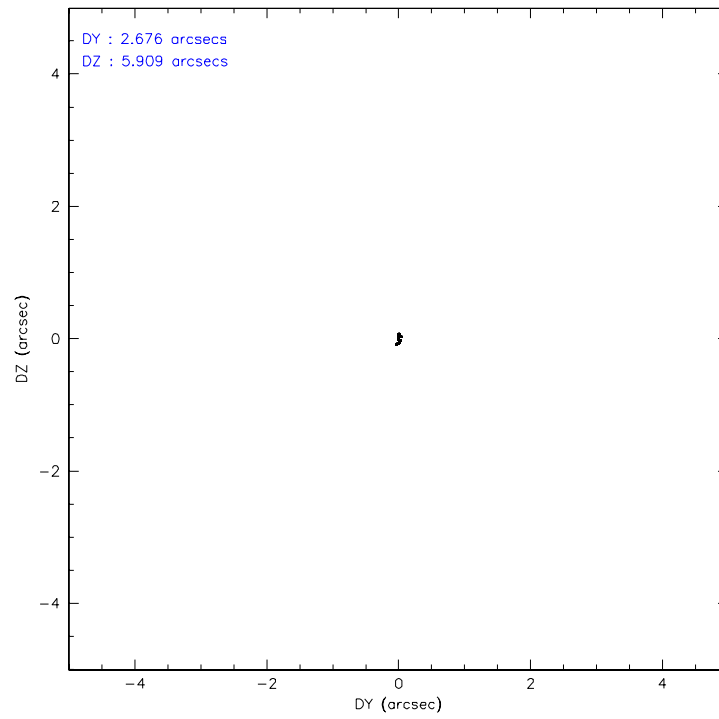
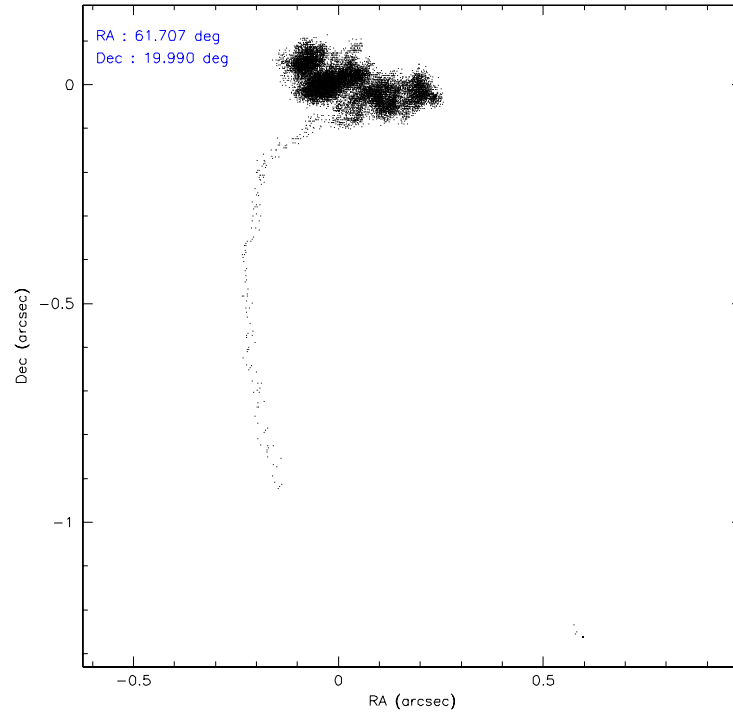
	ccd 7
level 1 events	25854
rejected events	15521
rejected %	60%

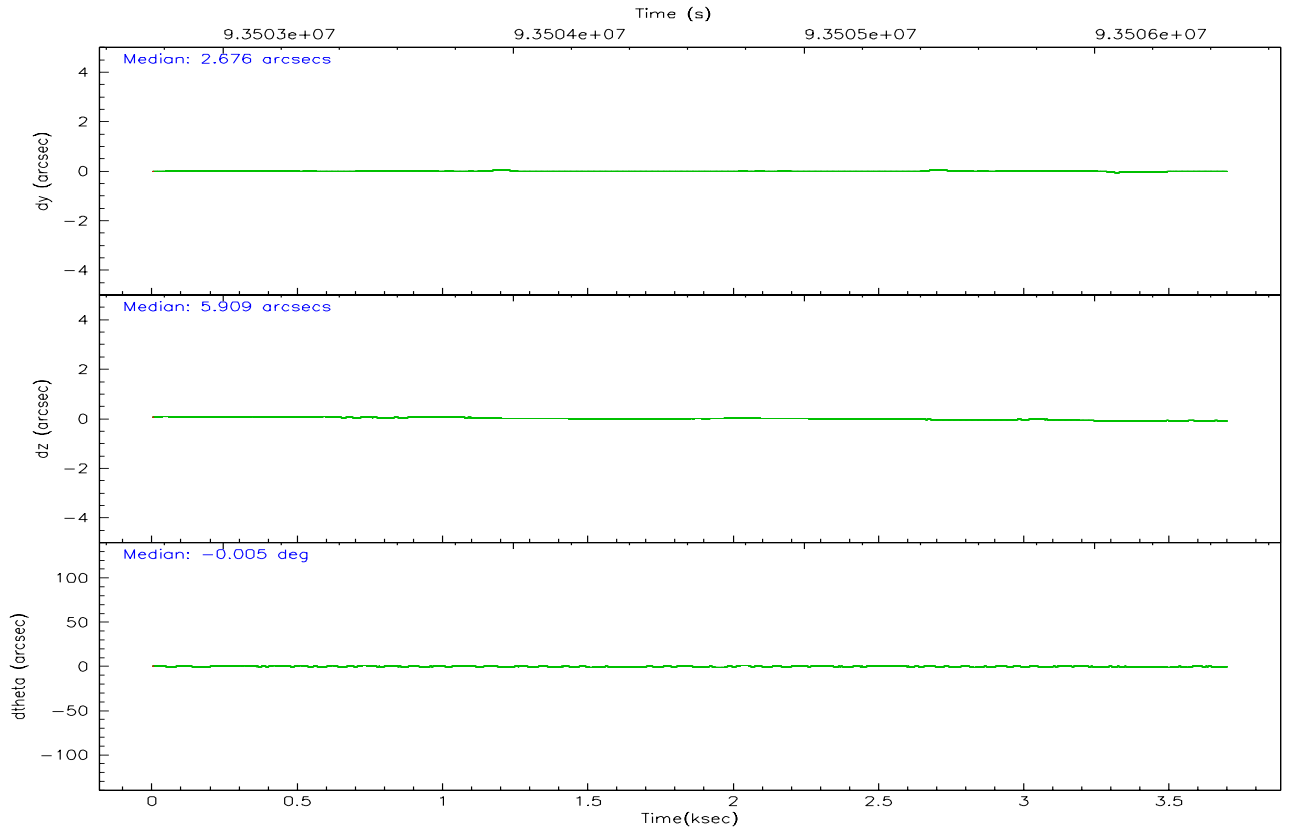
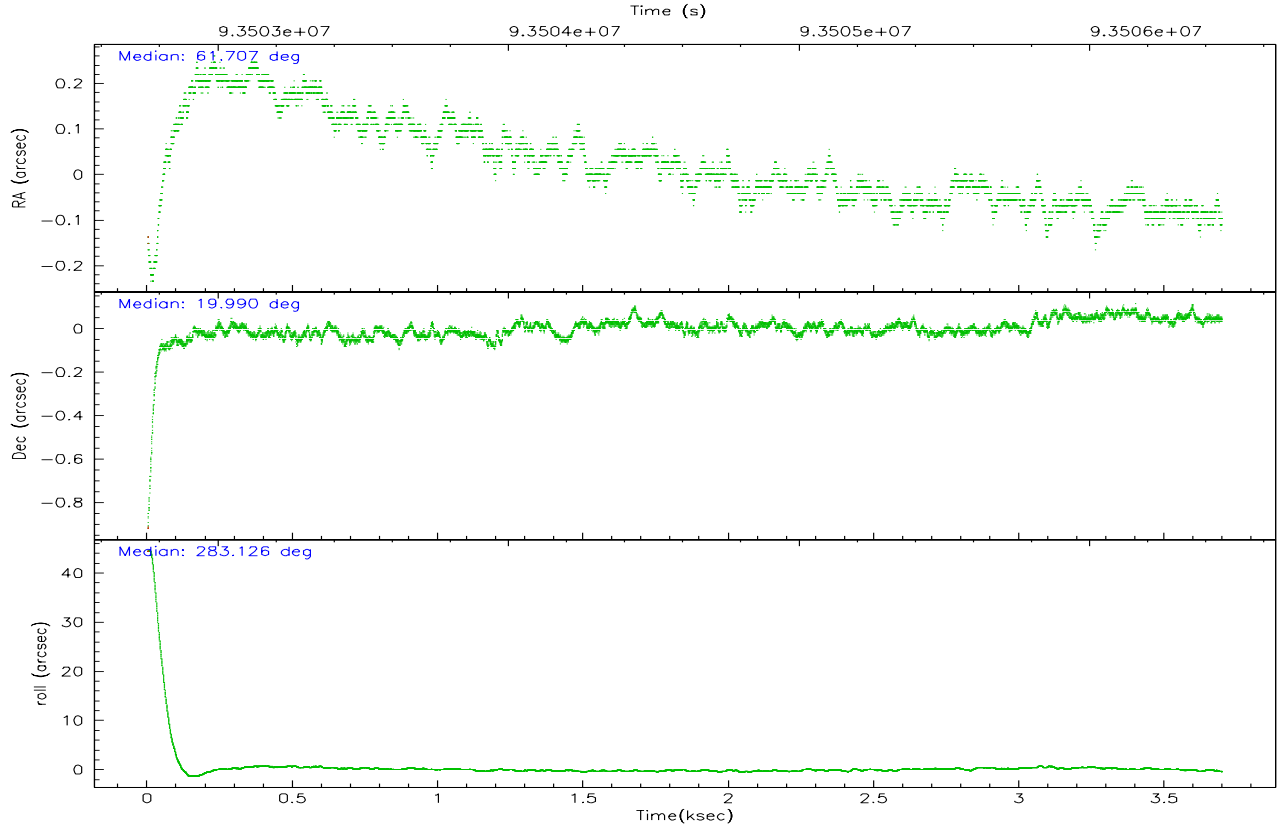
	ccd 7
grade 0 events	847
	3%
grade 1 events	14
	0%
grade 2 events	2138
	8%
grade 3 events	859
	3%
grade 4 events	861
	3%
grade 5 events	2427
	9%
grade 6 events	5634
	21%
grade 7 events	13074
	50%

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	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	61.686534	61.7066306538711	Subarray requested	NONE	NONE
Pointing Dec	20.010271	19.99048919426315	Alternating exposures requested	N	N
Pointing Roll	282.988454	283.1383744331091	Primary exposure time	0.000000	3
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	93502960.184000	93502485.068151			
Observation start date	2000-12-18T05:01:36	2000-12-18T04:54:45			
Observation end time	93506460.184000	93506594.293308			
Observation end date	2000-12-18T05:59:56	2000-12-18T06:03:14			
Read mode	TIMED	TIMED			

2.3 Aspect



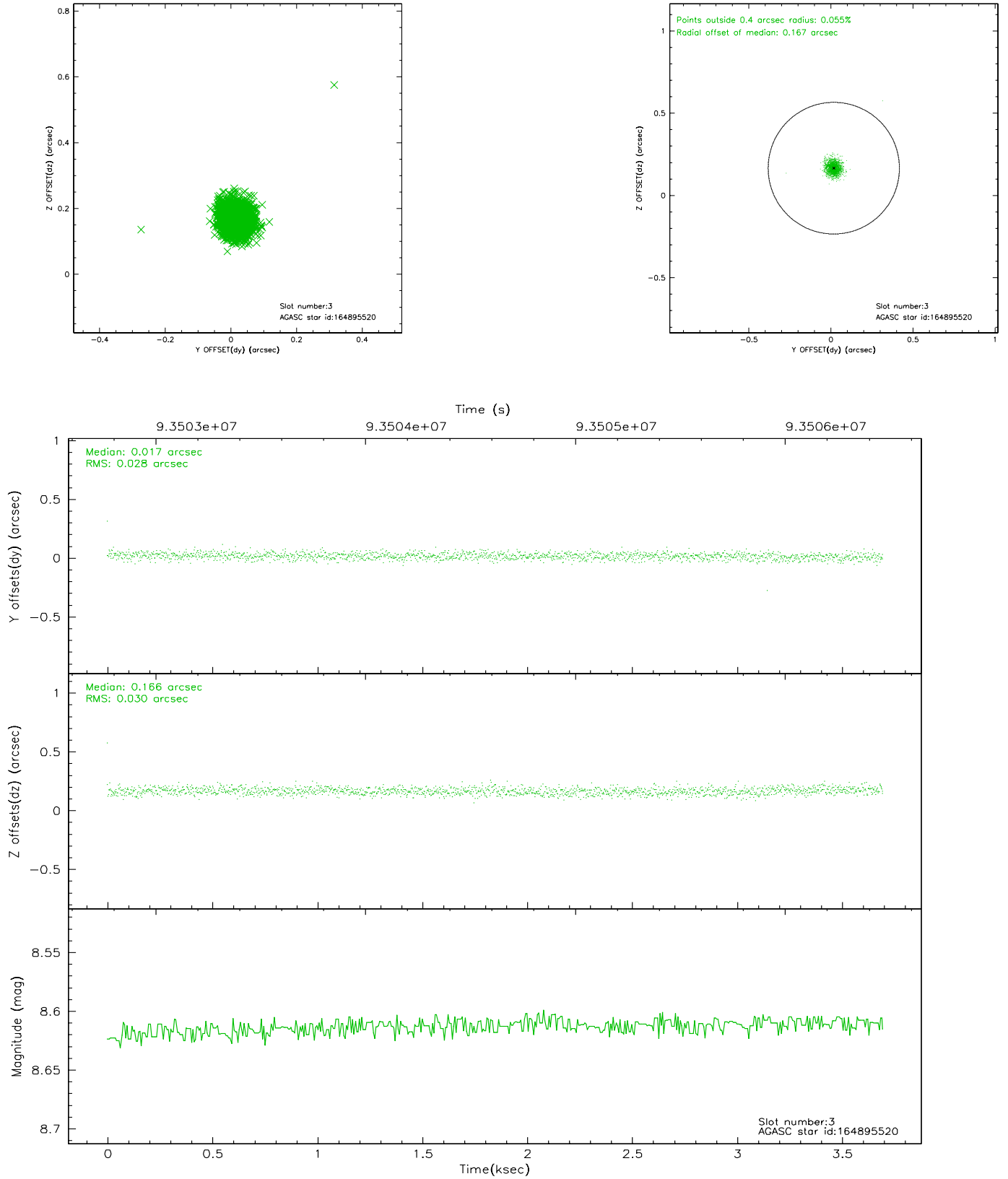


Slot Statistics

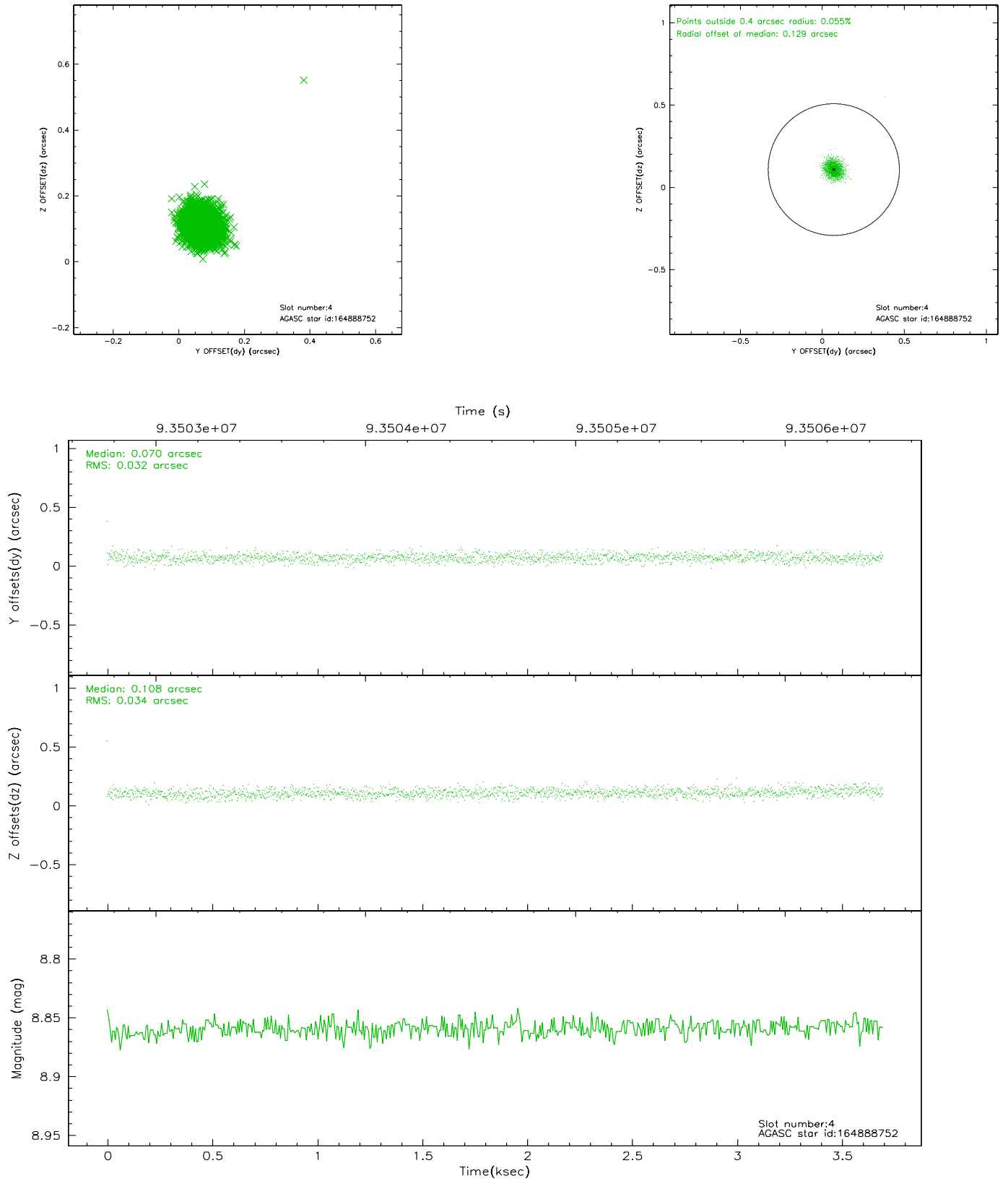
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	902	-0.016	0.041	0.007	0.011	0.000000	0.000000	-755.30	-1727.02
1	FID	ACIS-S-4	7.21	902	-0.072	-0.003	0.005	0.009	0.000000	0.000000	2157.13	179.70
2	FID	ACIS-S-5	7.24	902	0.056	-0.029	0.007	0.011	0.000000	0.000000	-1805.90	175.23
3	GUIDE	164895520	8.61	1804	0.017	0.166	0.040	0.066	61.309800	20.139312	-740.41	-1136.37
4	GUIDE	164888752	8.86	1804	0.070	0.108	0.048	0.076	61.568386	19.874602	385.22	-500.31
5	GUIDE	164890352	9.05	1803	-0.054	-0.036	0.050	0.083	61.028629	19.972872	-373.20	-2199.09
6	GUIDE	165022968	9.59	1803	-0.058	-0.037	0.071	0.122	62.230781	20.386000	-909.28	2092.48
7	GUIDE	165021720	9.62	1803	0.026	-0.202	0.070	0.117	62.234537	20.170723	-150.93	1935.51

2.4 Star Slots

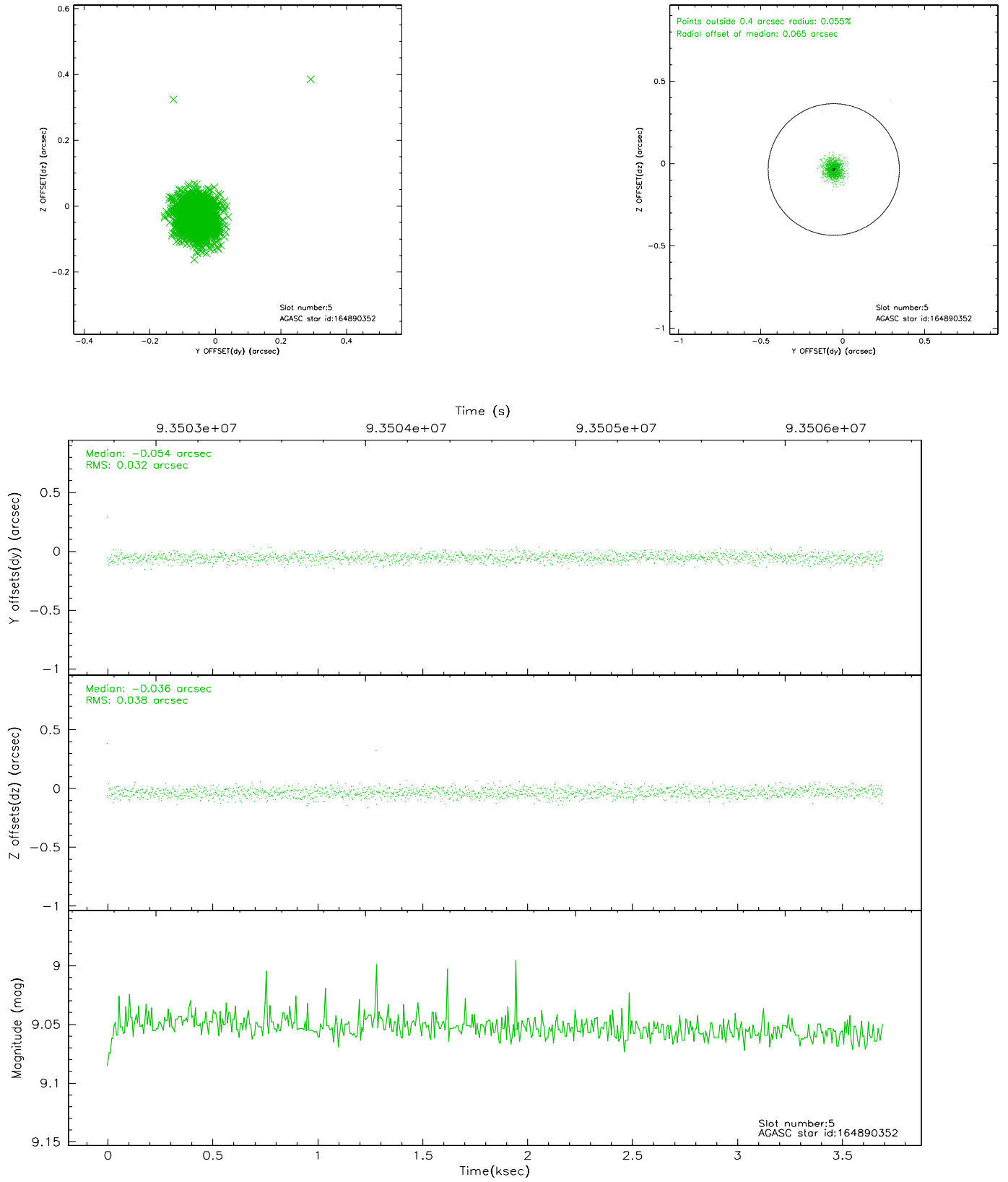
2.4.1 Slot 3



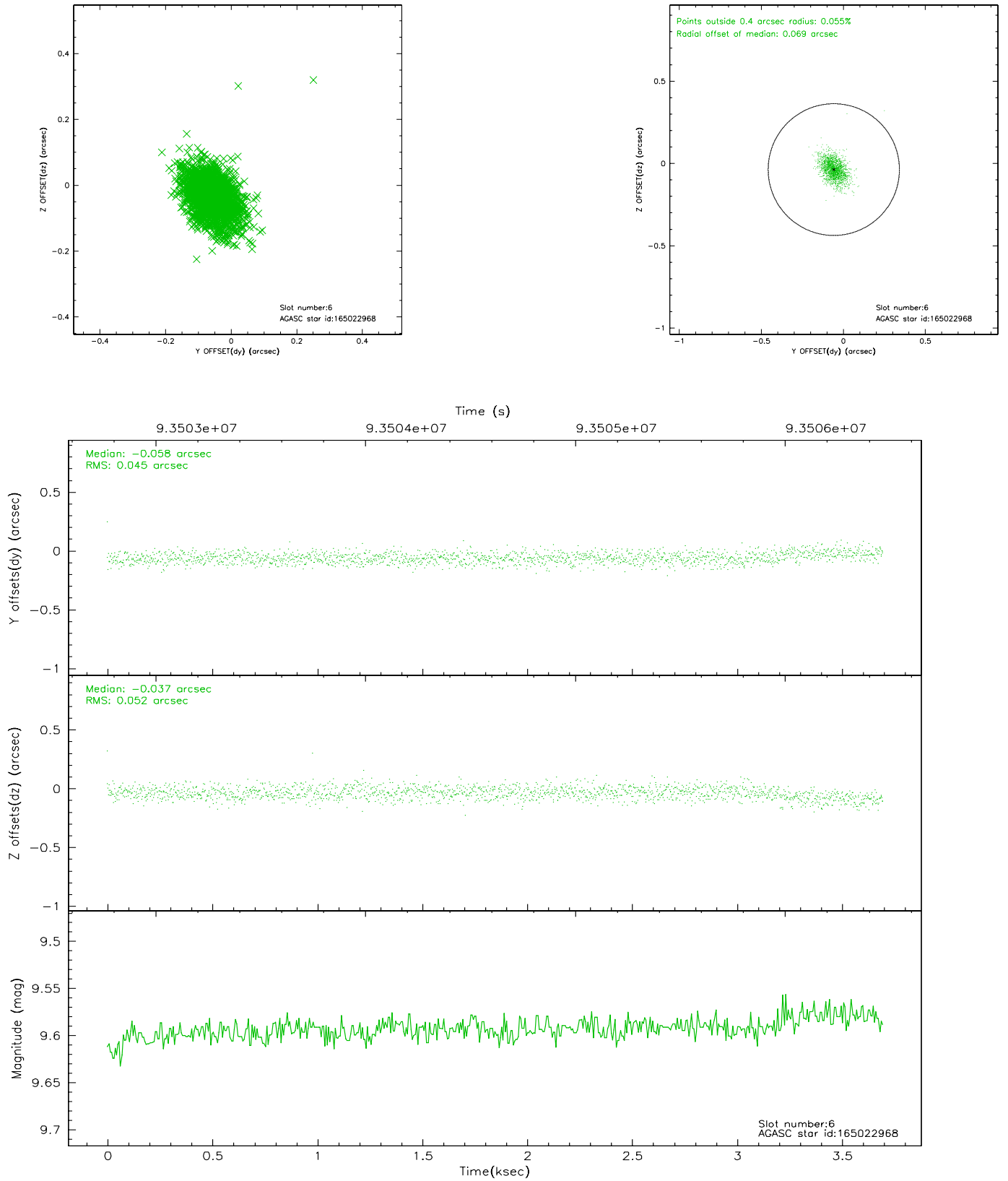
2.4.2 Slot 4



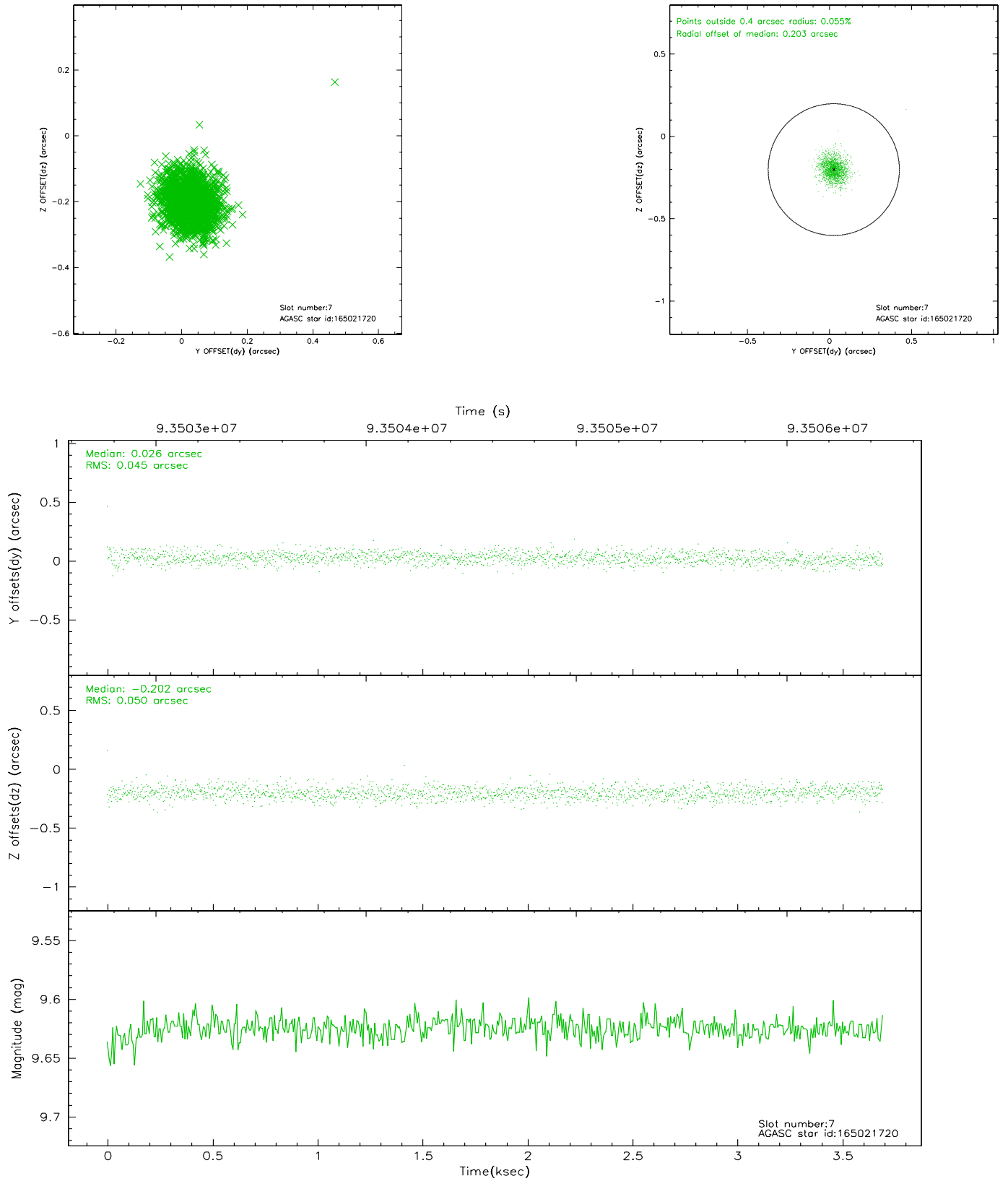
2.4.3 Slot 5



2.4.4 Slot 6

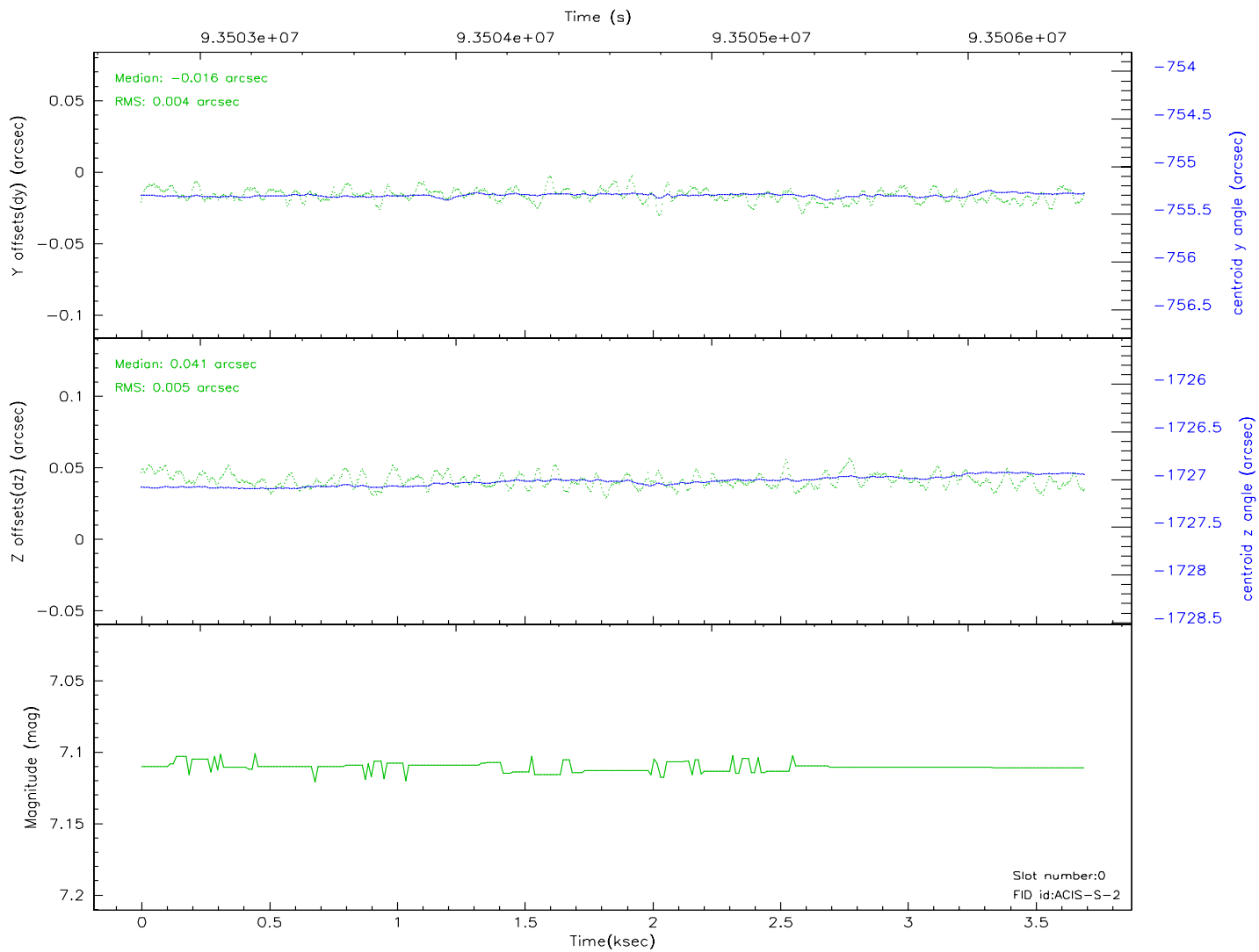
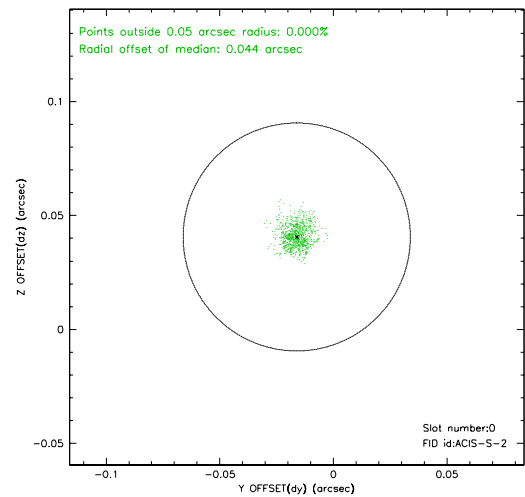
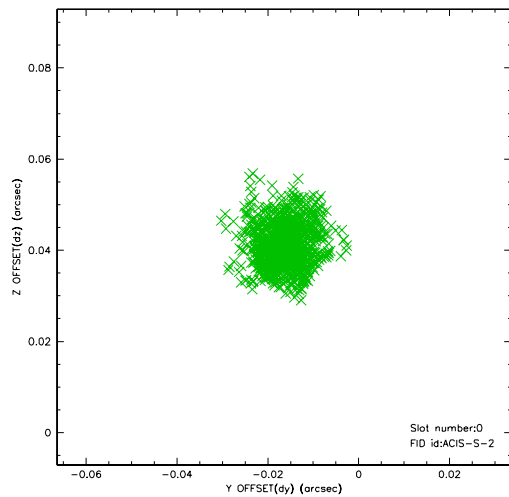


2.4.5 Slot 7

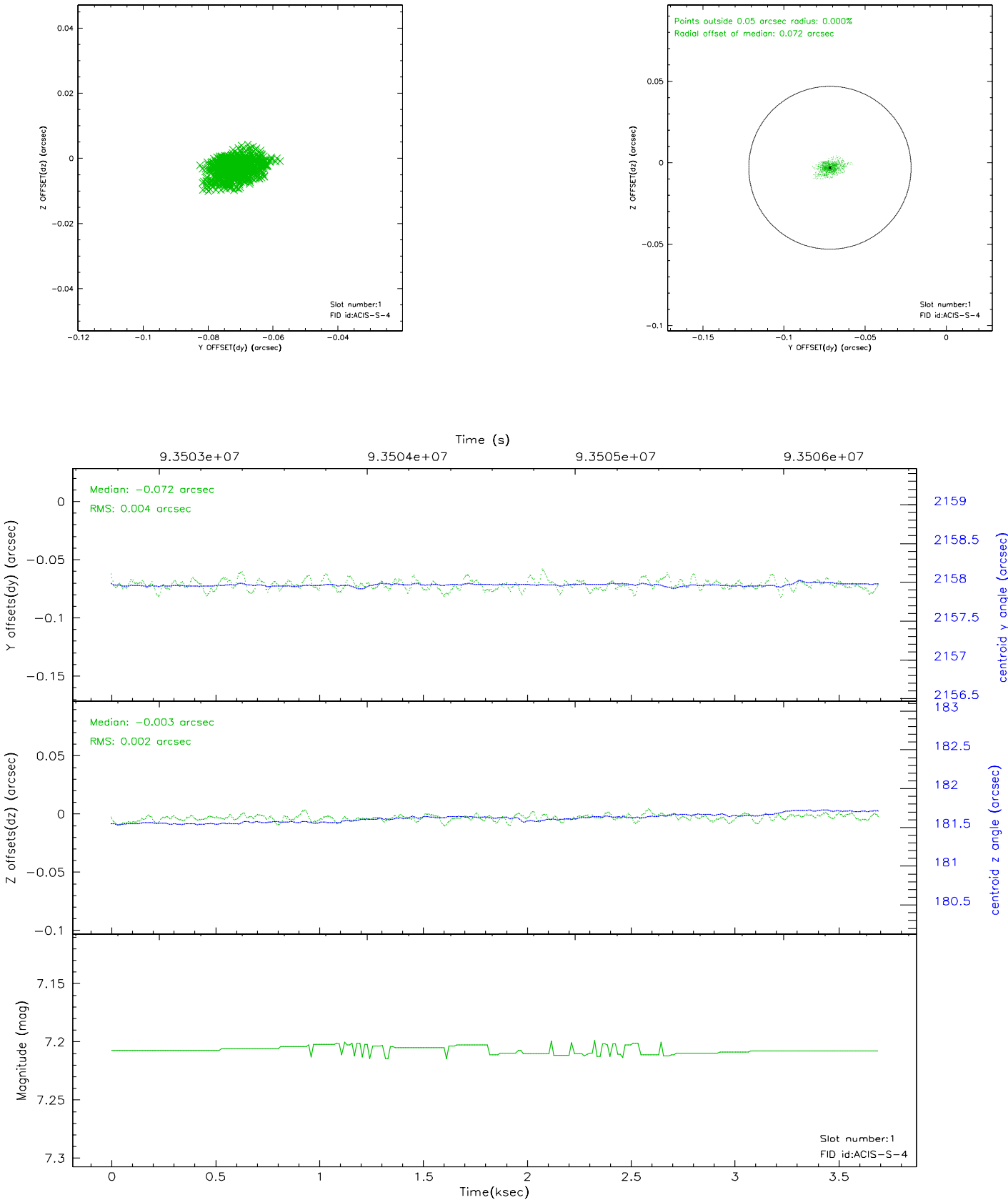


2.5 FID Slots

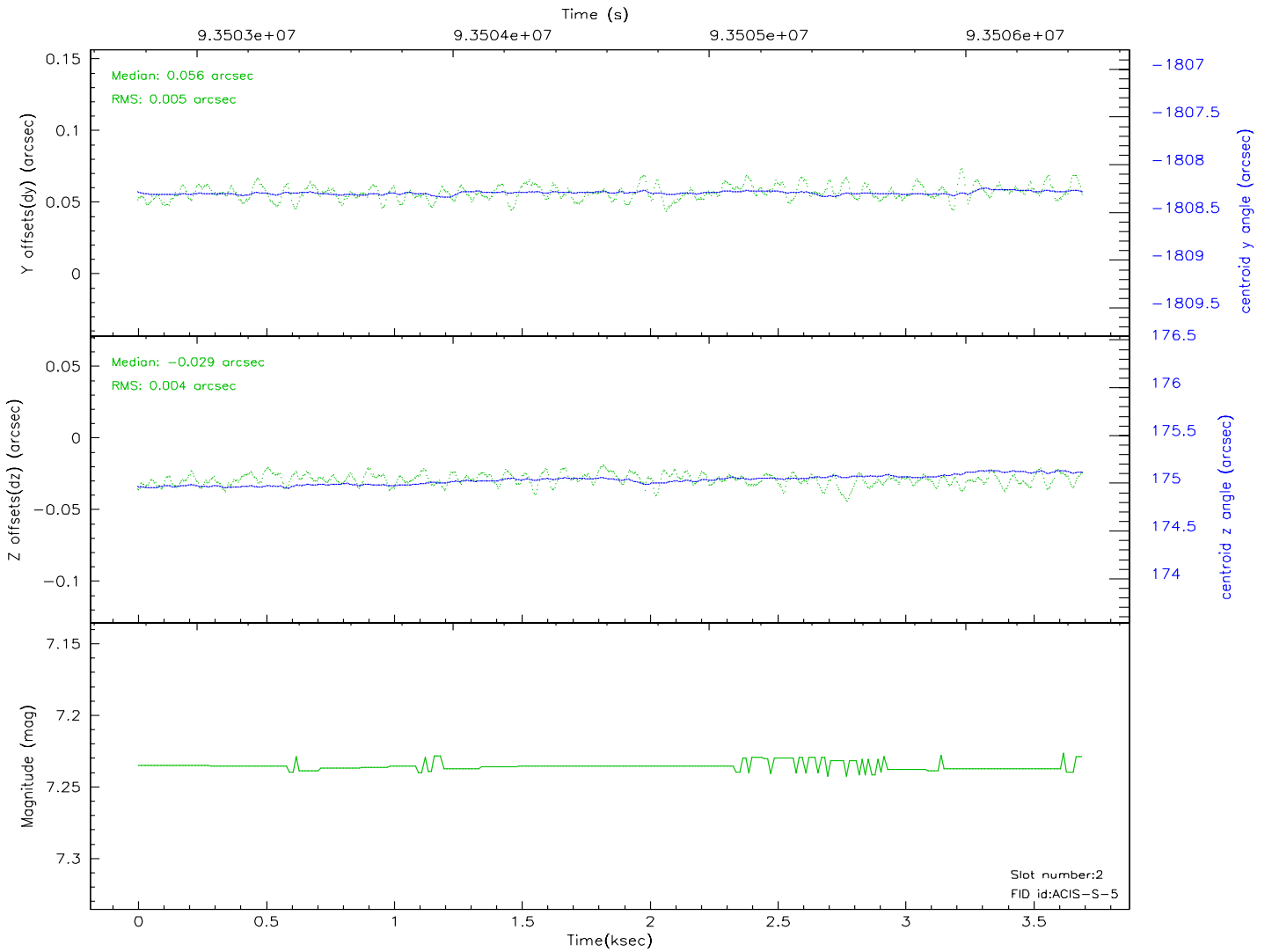
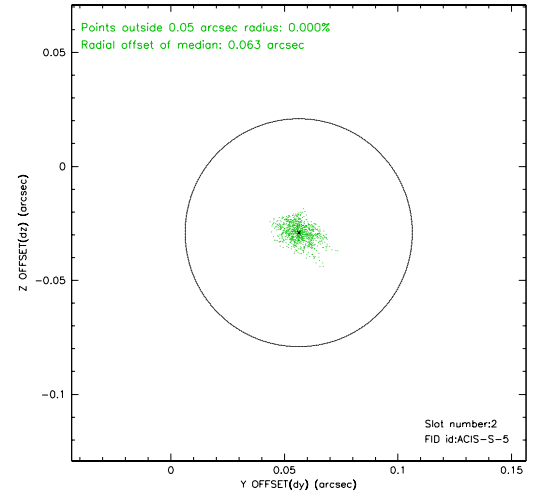
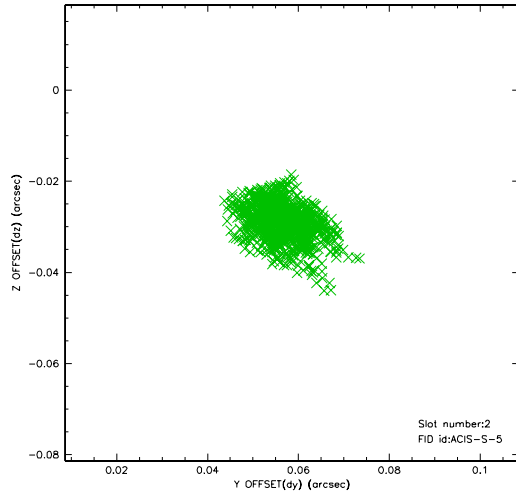
2.5.1 Slot 0



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)	2007.06.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.345

A.2 Comments

Although the level one event file shows a source, all the events associated with that source have been removed in the level two event file: all of these events are grade 7 and therefore do not pass the final level of processing.