

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2401 - L2 Version 001
Chandra X-Ray Center

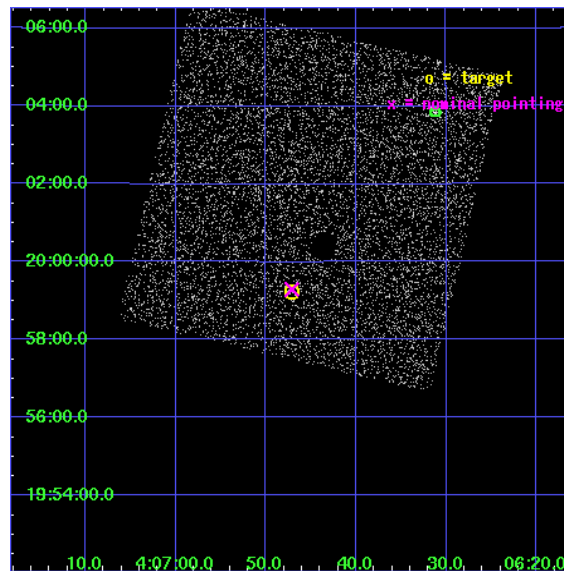
L2 Processing Date : Jun 20 2007

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1 Front

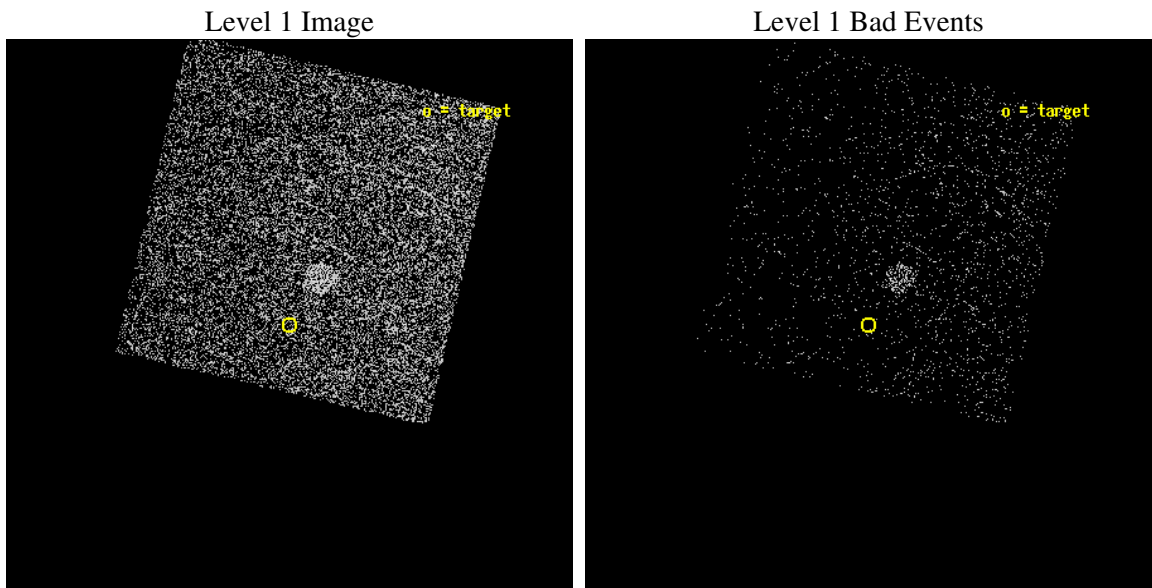
seq_num	190003
obs_id	2401
title	ACIS OBSERVATIONS OF JUPITER
observer	Dr. CXC Calibration
object	JUPITER
dtcycle	0
cycle	P
ra_targ	61.69602
dec_targ	19.987363
ra_nom	61.696368102833
dec_nom	19.988183401242
roll_nom	283.14079982773
revision	2
ontime	3345.0
livetime	3299.8579433352
ontime7	3345.0
l2events	10257



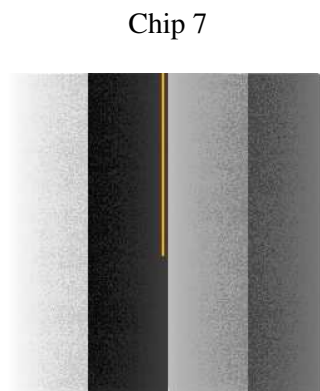
2 OBI

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	2007-06-20T11:34:41
revision	2

sched_exp_time	3500.000000
ontime	3345.0
ontime7	3345.0
l1events	26335

2.1.4 Events

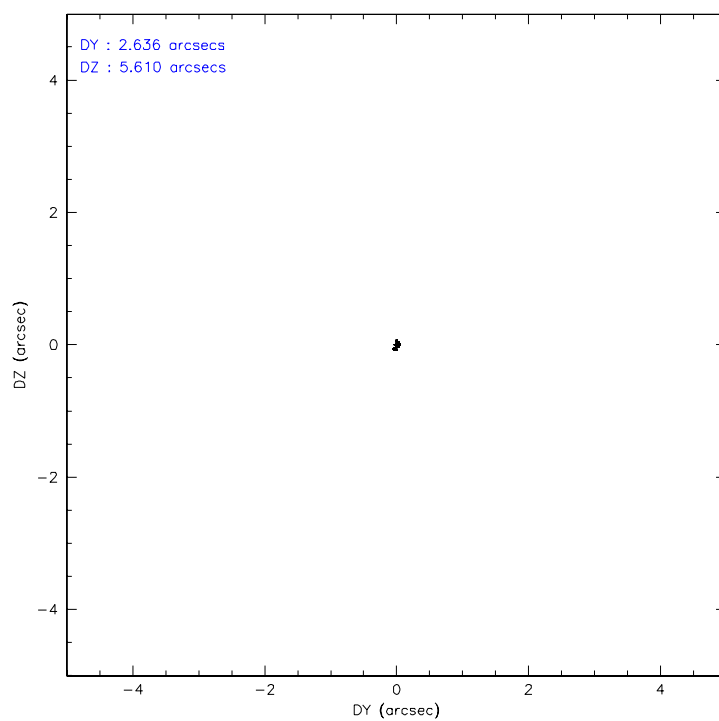
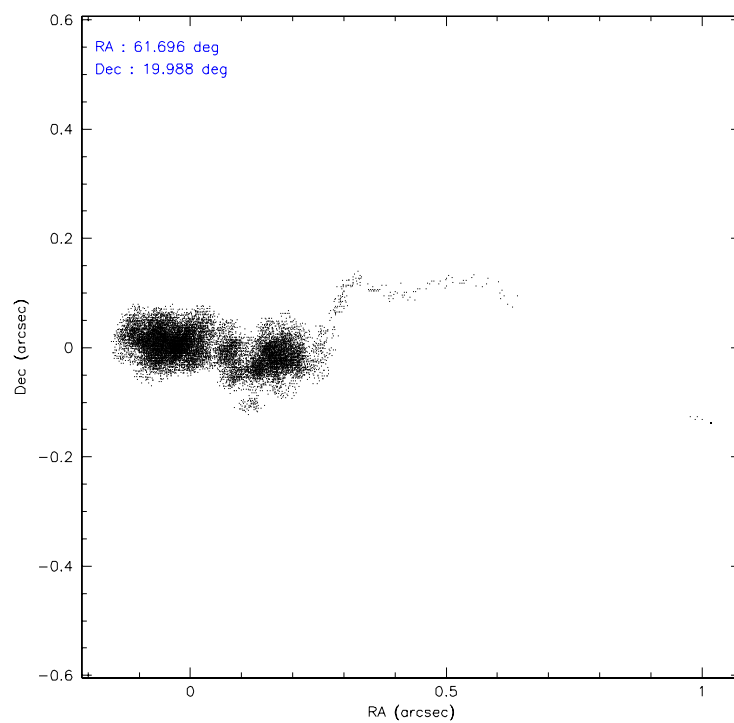
	ccd 7
level 1 events	26335
rejected events	15899
rejected %	60%

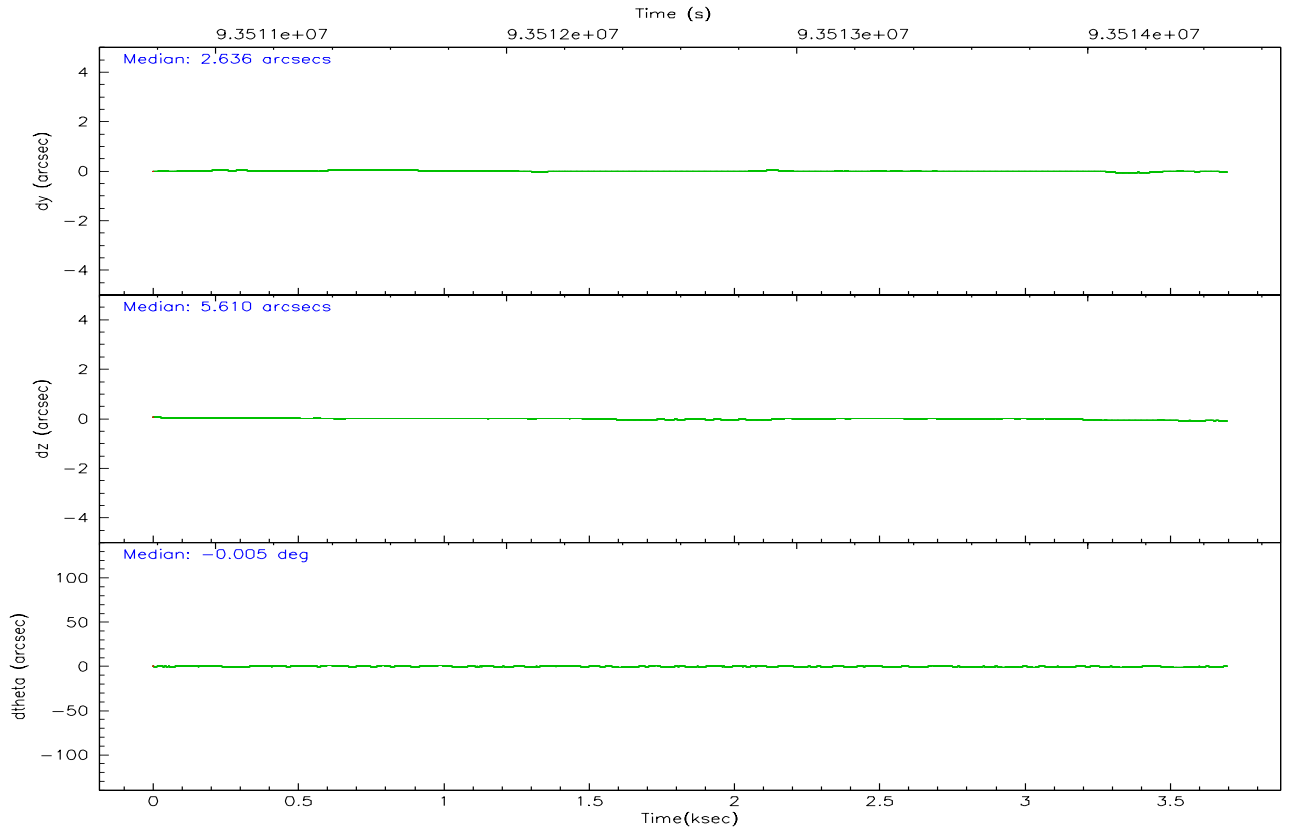
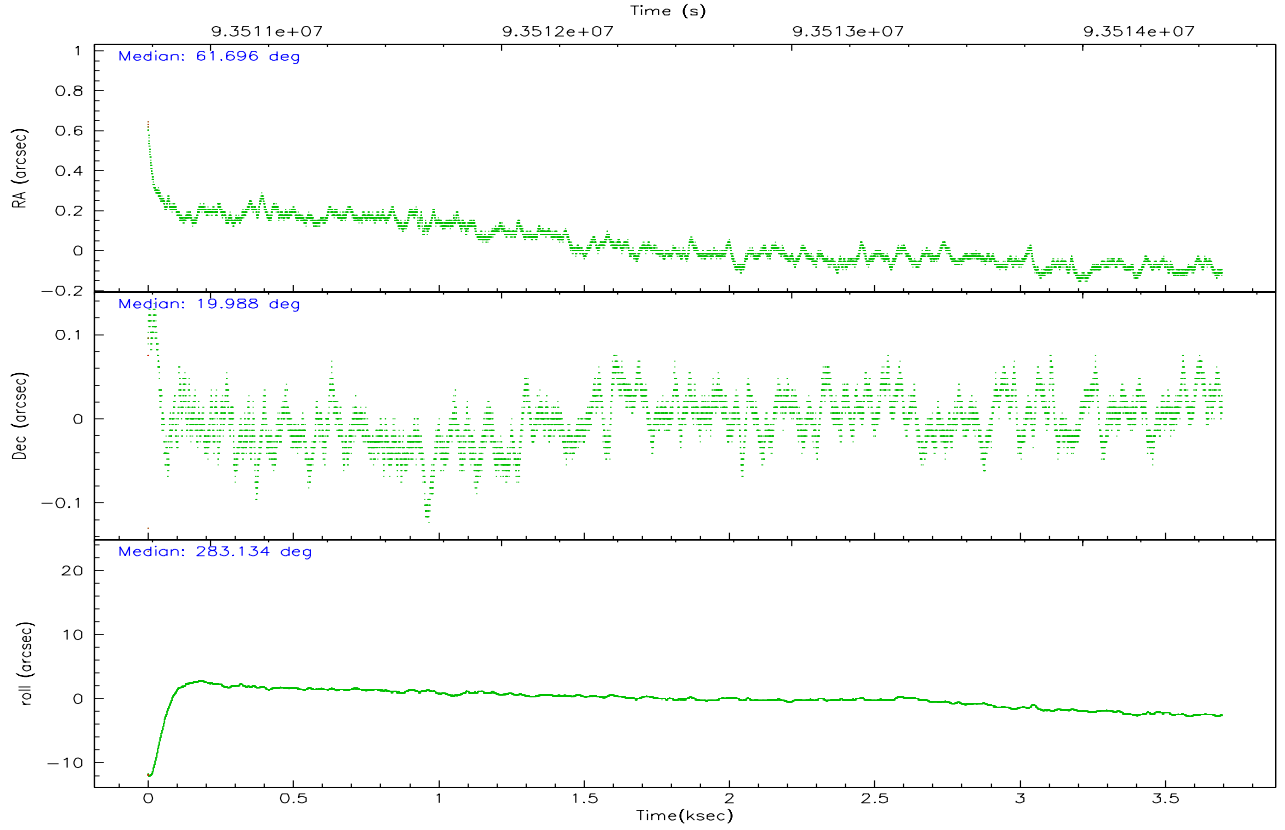
	ccd 7
grade 0 events	782
	2%
grade 1 events	26
	0%
grade 2 events	2231
	8%
grade 3 events	882
	3%
grade 4 events	847
	3%
grade 5 events	2365
	8%
grade 6 events	5706
	21%
grade 7 events	13496
	51%

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	61.676271	61.69636810283259	Subarray requested	NONE	NONE
Pointing Dec	20.007964	19.98818340124178	Alternating exposures requested	N	N
Pointing Roll	282.991034	283.1407998277341	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	93510980.184000	93510604.09346101			
Observation start date	2000-12-18T07:15:16	2000-12-18T07:10:04			
Observation end time	93514480.184000	93514614.406115			
Observation end date	2000-12-18T08:13:36	2000-12-18T08:16:54			
Read mode	TIMED	TIMED			

2.3 Aspect



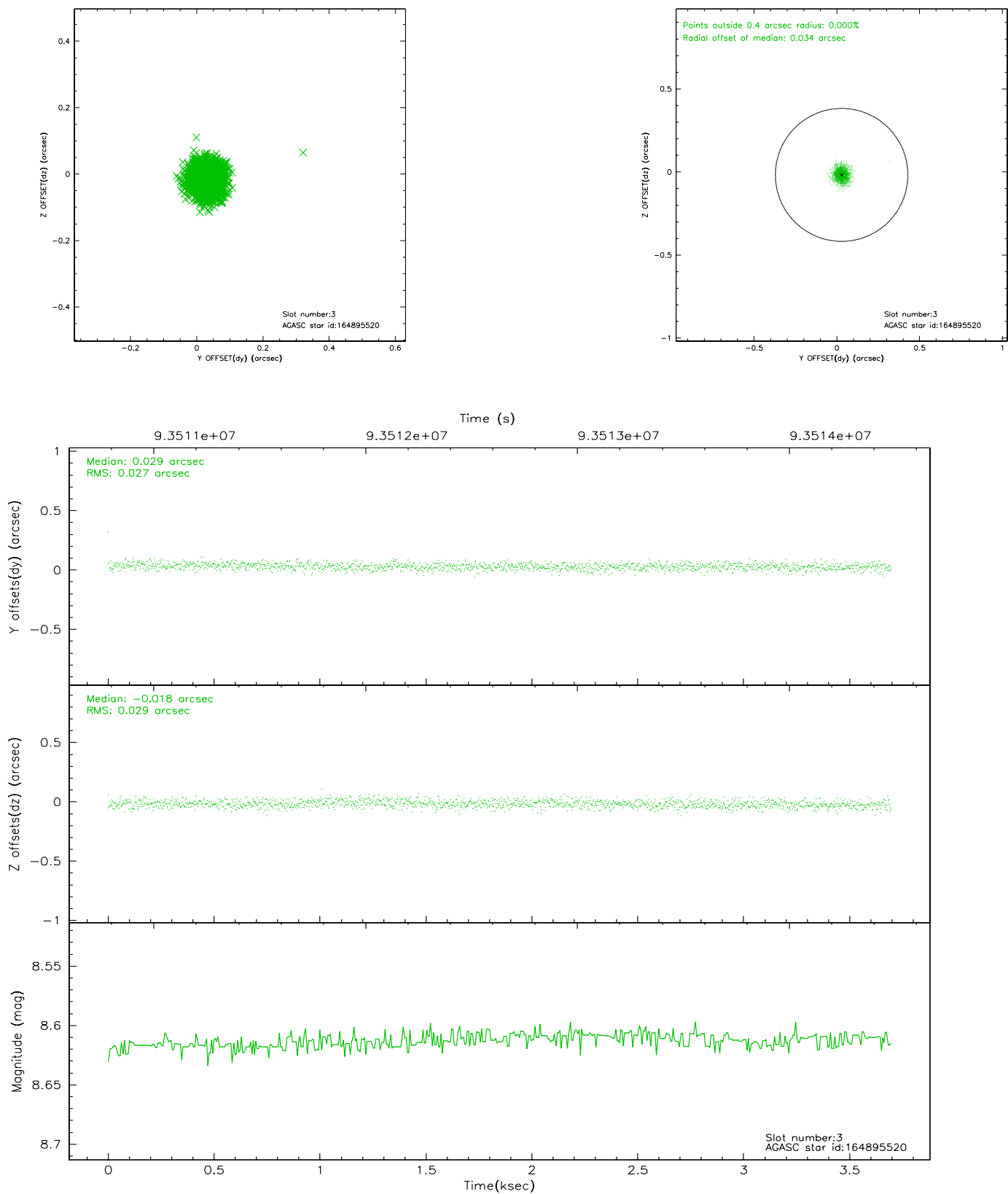


Slot Statistics

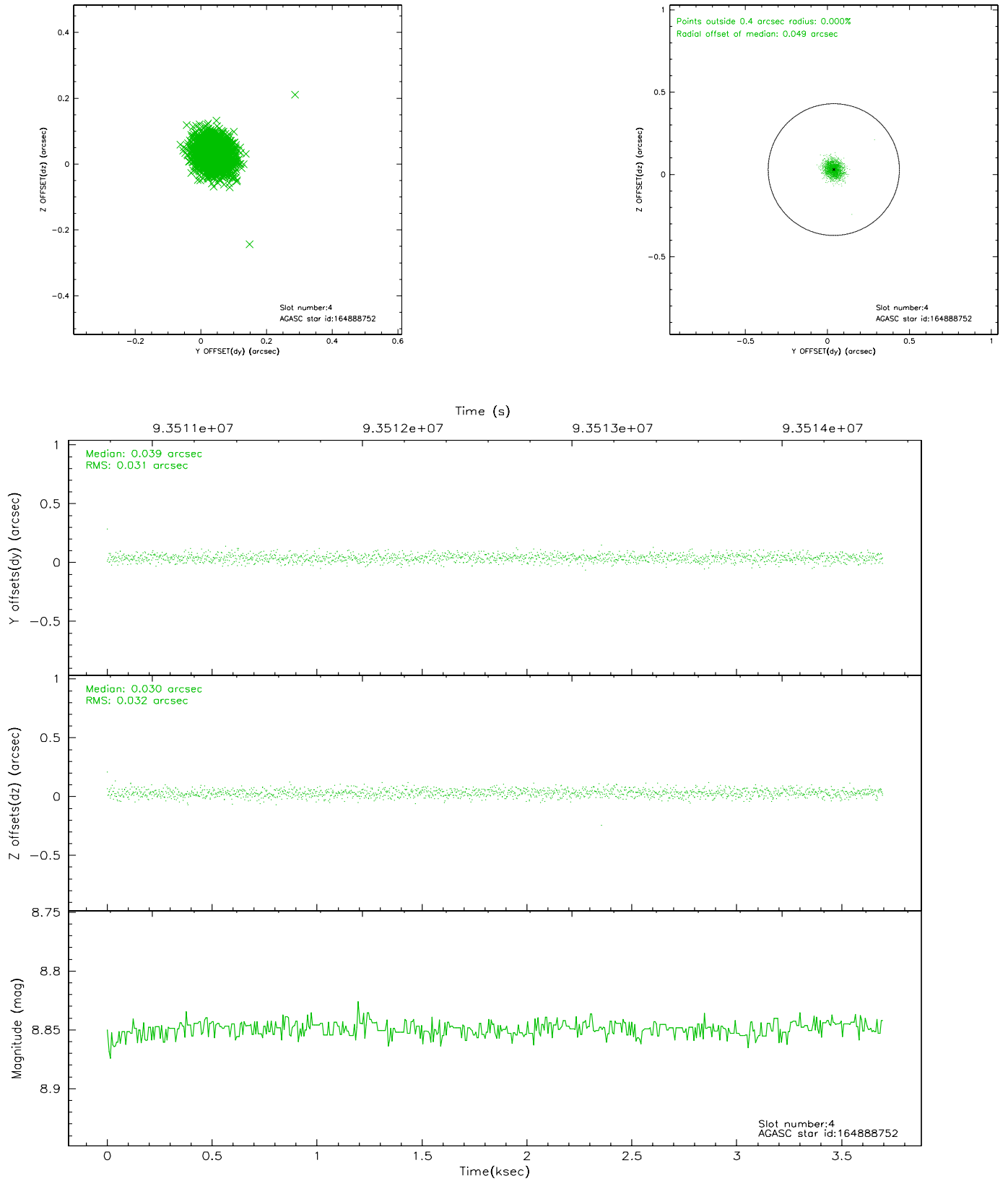
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	902	-0.019	0.037	0.009	0.018	0.000000	0.000000	-755.26	-1726.71
1	FID	ACIS-S-4	7.21	902	-0.063	-0.001	0.011	0.025	0.000000	0.000000	2157.18	180.03
2	FID	ACIS-S-5	7.24	902	0.049	-0.027	0.009	0.016	0.000000	0.000000	-1805.87	175.55
3	GUIDE	164895520	8.61	1803	0.029	-0.018	0.042	0.069	61.309800	20.139312	-740.60	-1100.89
4	GUIDE	164888752	8.85	1803	0.039	0.030	0.047	0.075	61.568386	19.874602	385.04	-464.80
5	GUIDE	164890352	9.12	1804	-0.035	-0.035	0.054	0.090	61.028629	19.972872	-373.47	-2163.43
6	GUIDE	165022968	9.61	1800	-0.042	0.095	0.067	0.112	62.230781	20.386000	-909.21	2128.31
7	GUIDE	165021720	9.55	1801	0.011	-0.074	0.071	0.117	62.234537	20.170723	-150.90	1971.27

2.4 Star Slots

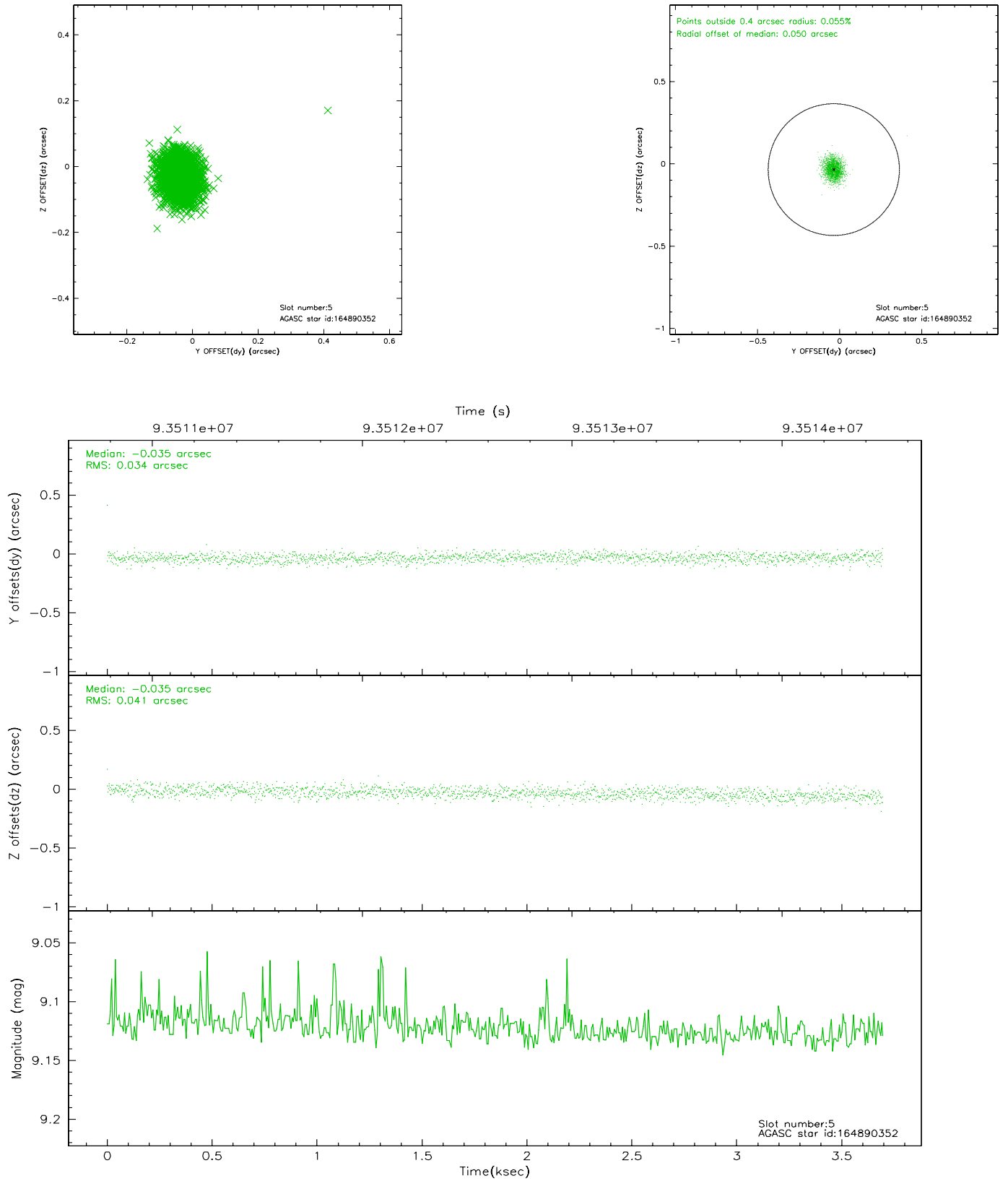
2.4.1 Slot 3



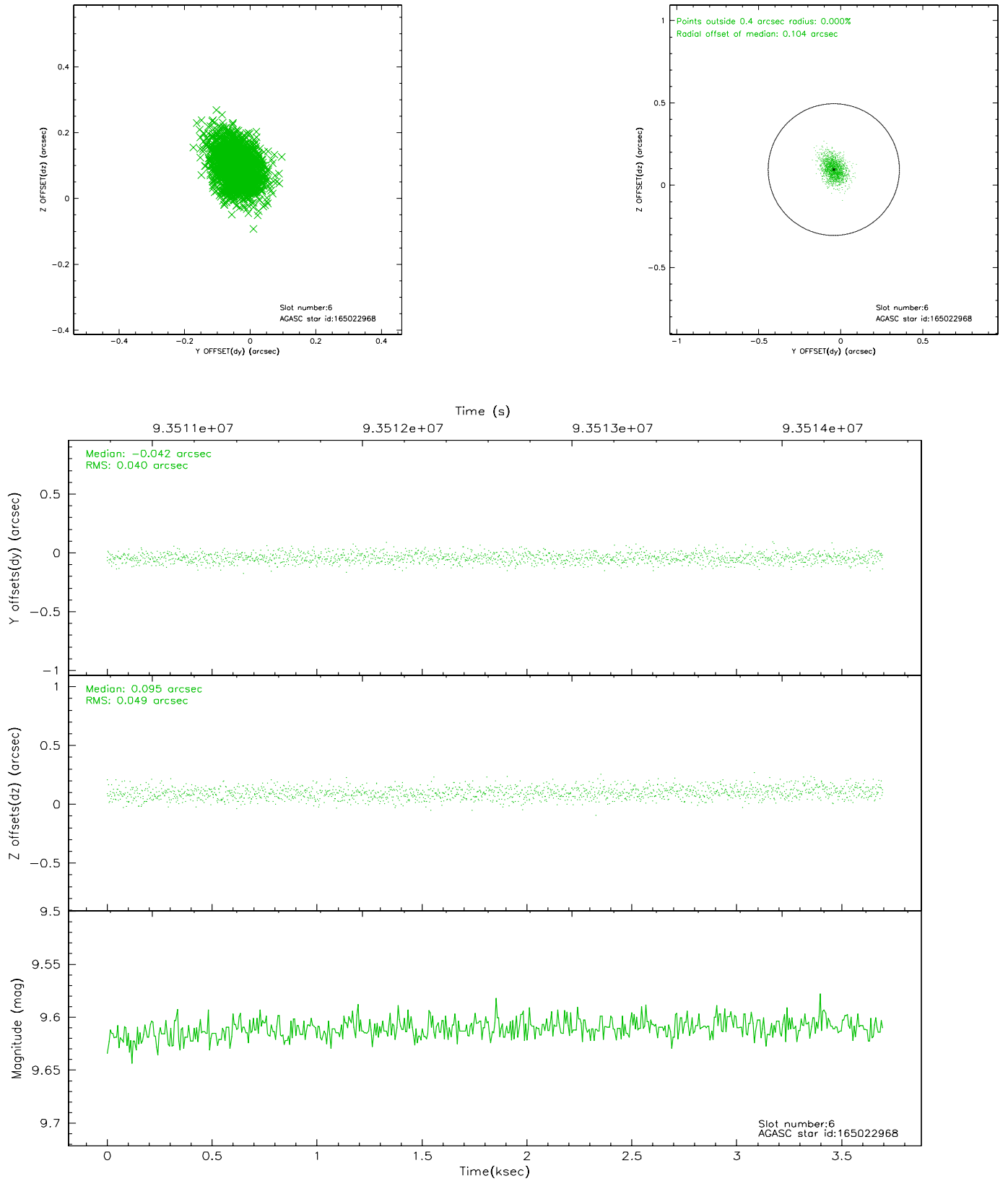
2.4.2 Slot 4



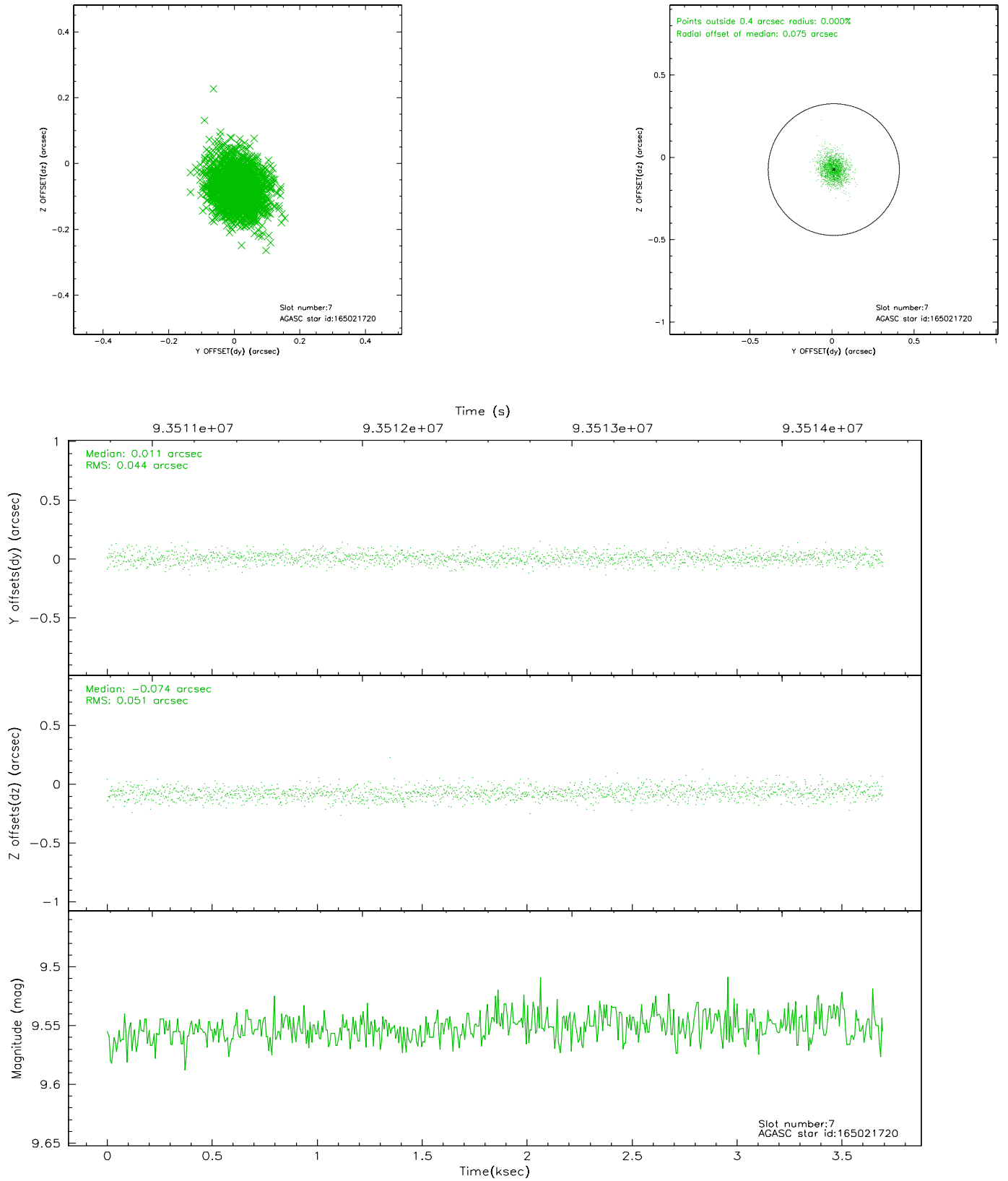
2.4.3 Slot 5



2.4.4 Slot 6

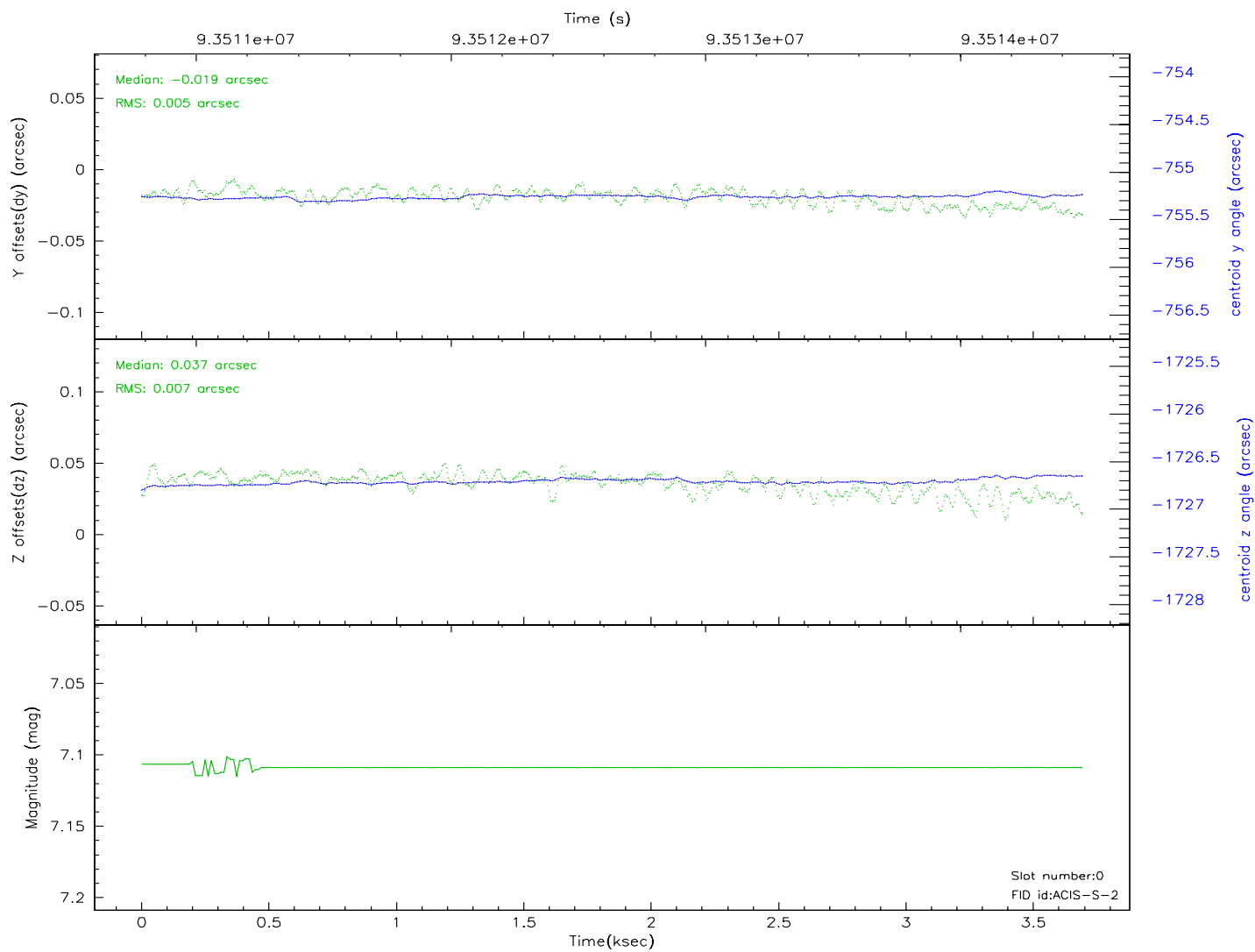
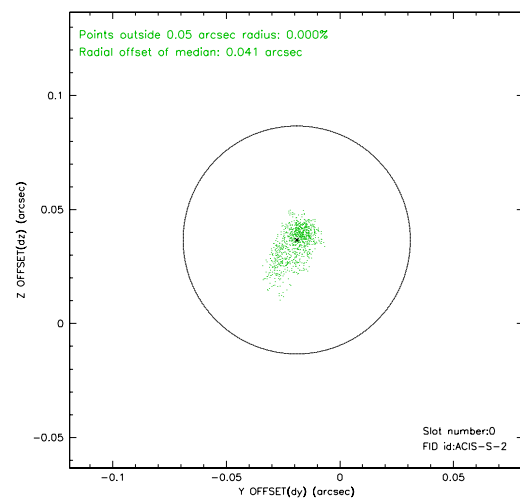
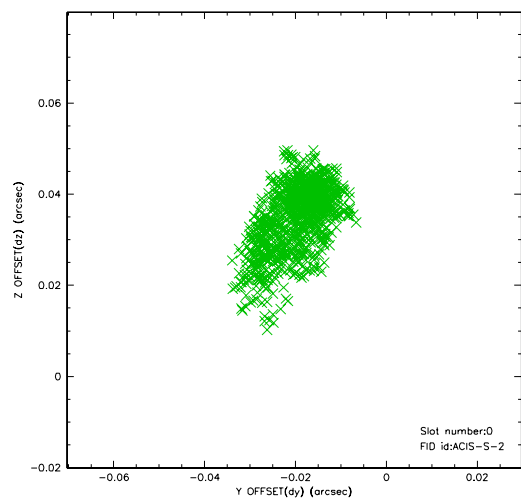


2.4.5 Slot 7

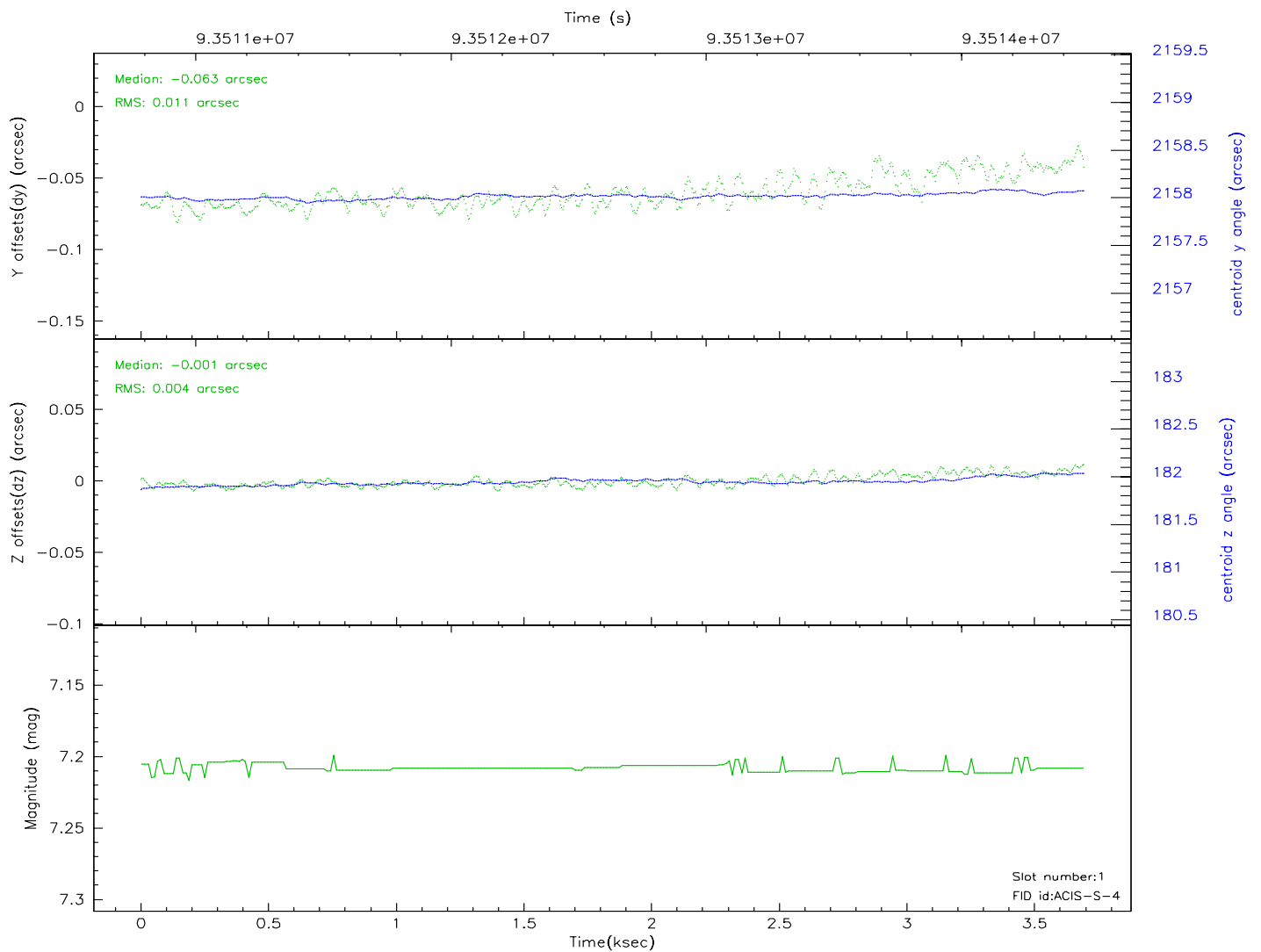
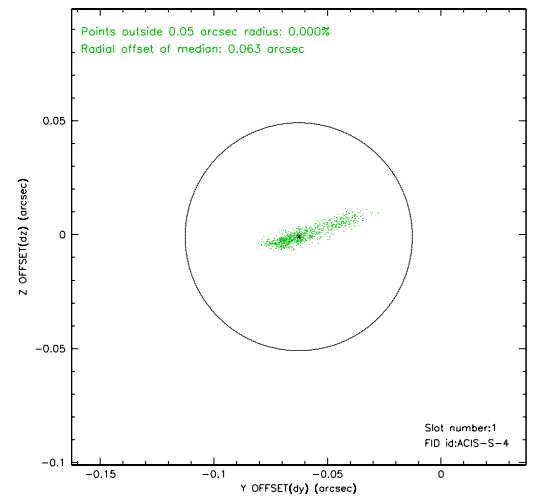
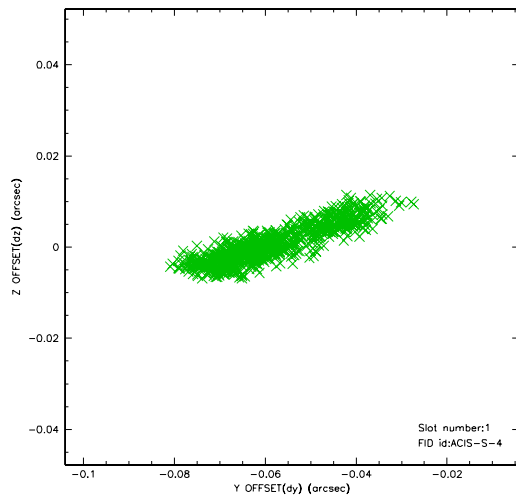


2.5 FID Slots

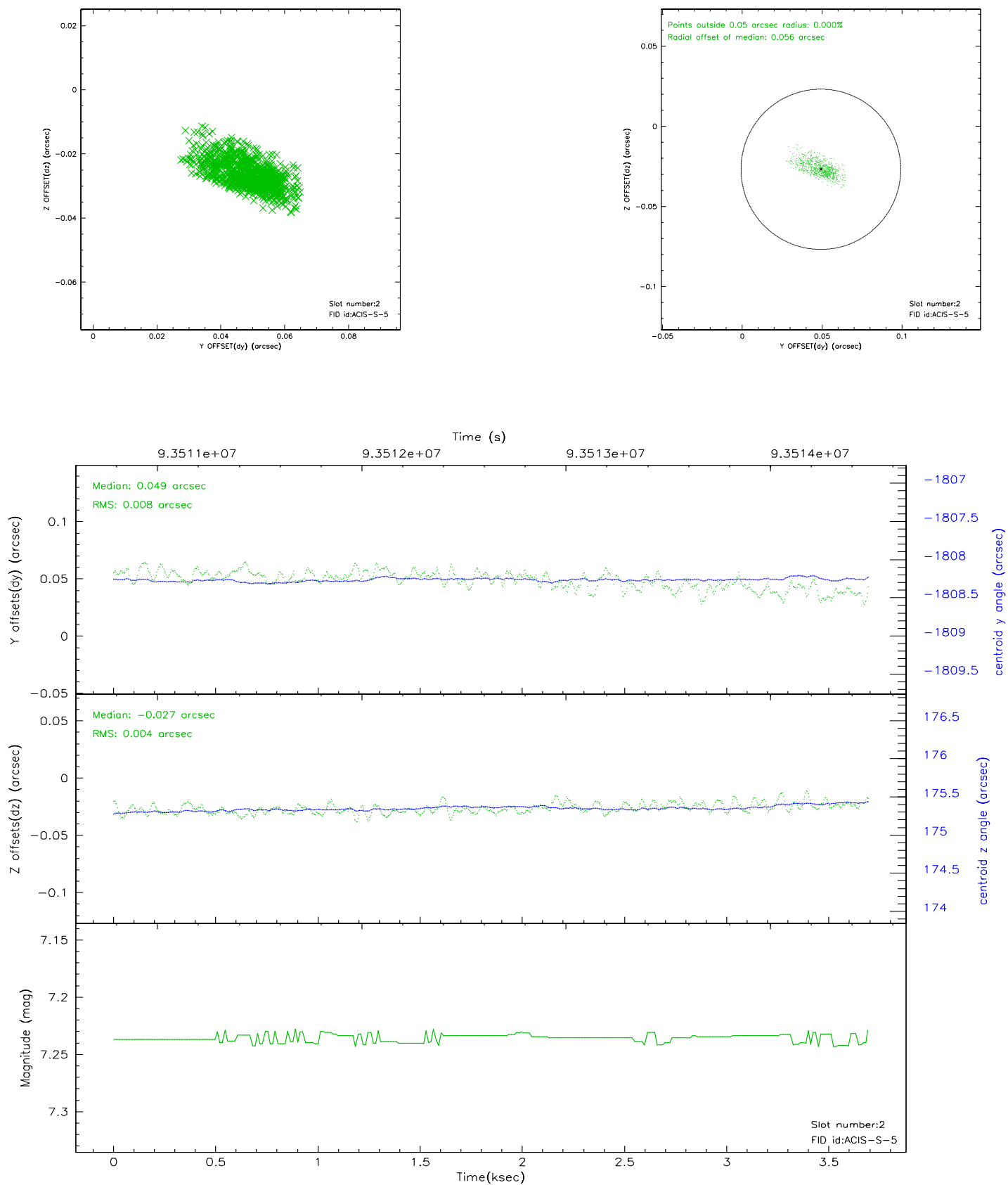
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

5.88 arcmin



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
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