

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2400 - L2 Version 001
Chandra X-Ray Center

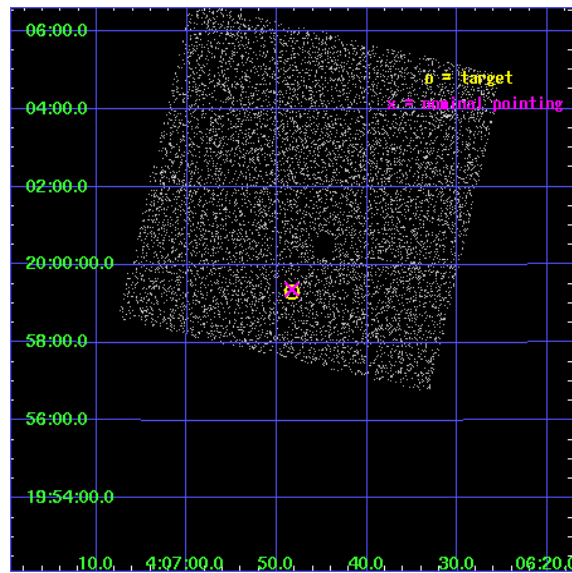
L2 Processing Date : Jun 20 2007

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1 Front

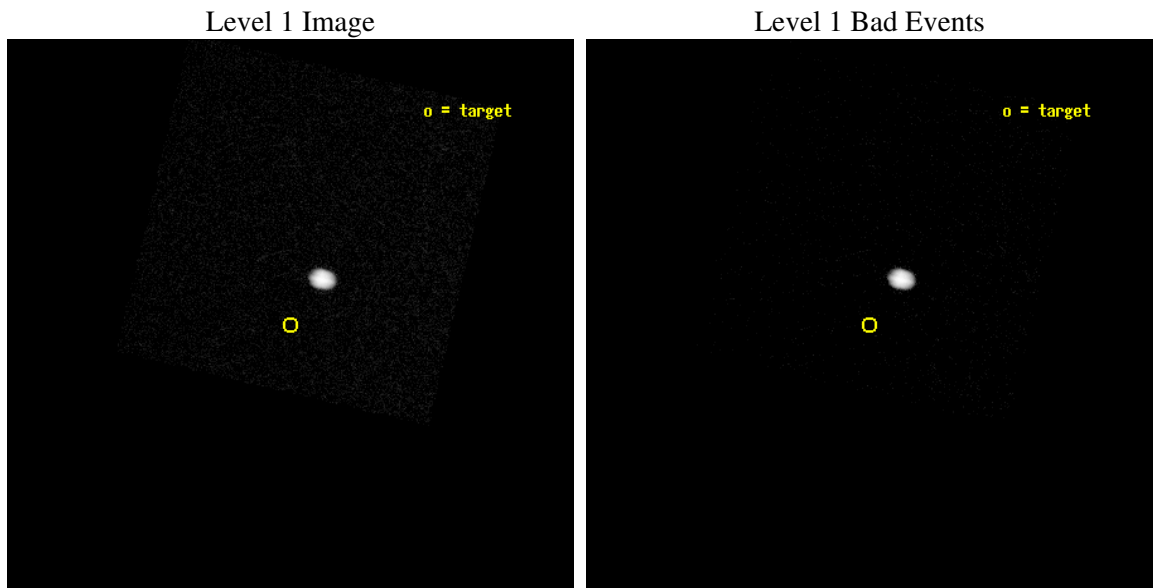
seq_num	190002
obs_id	2400
title	ACIS OBSERVATIONS OF JUPITER
observer	Dr. CXC Calibration
object	JUPITER
dtcycle	0
cycle	P
ra_targ	61.701153
dec_targ	19.988495
ra_nom	61.701501103334
dec_nom	19.989315239526
roll_nom	283.1397762502
revision	2
ontime	3345.0
livetime	3299.8579433352
ontime7	3345.0
l2events	10091



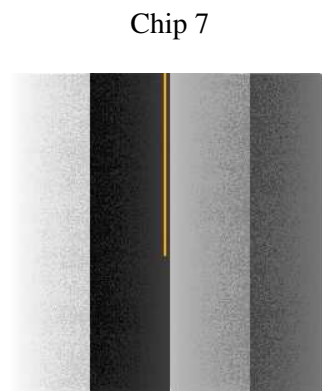
2 OBI

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	2007-06-20T11:16:15
revision	2

sched_exp_time	3500.000000
ontime	3345.0
ontime7	3345.0
l1events	151477

2.1.4 Events

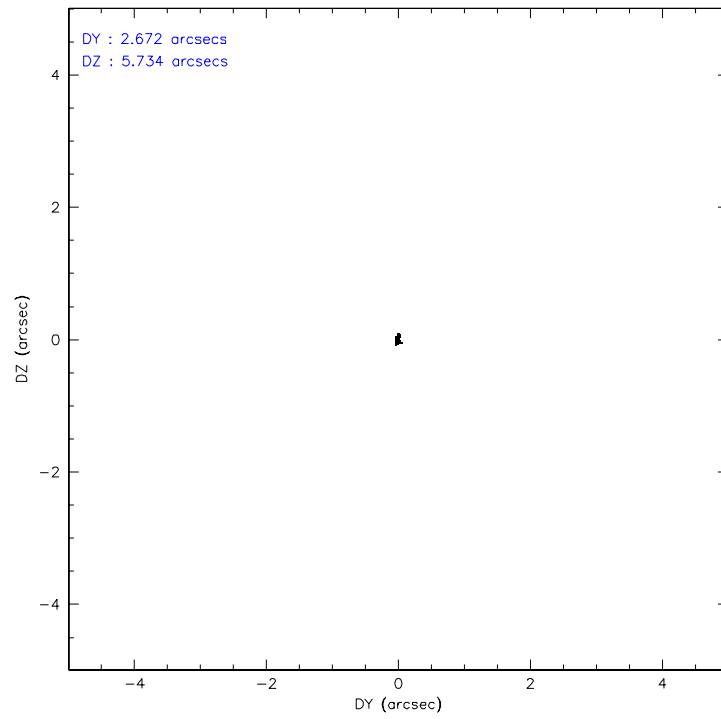
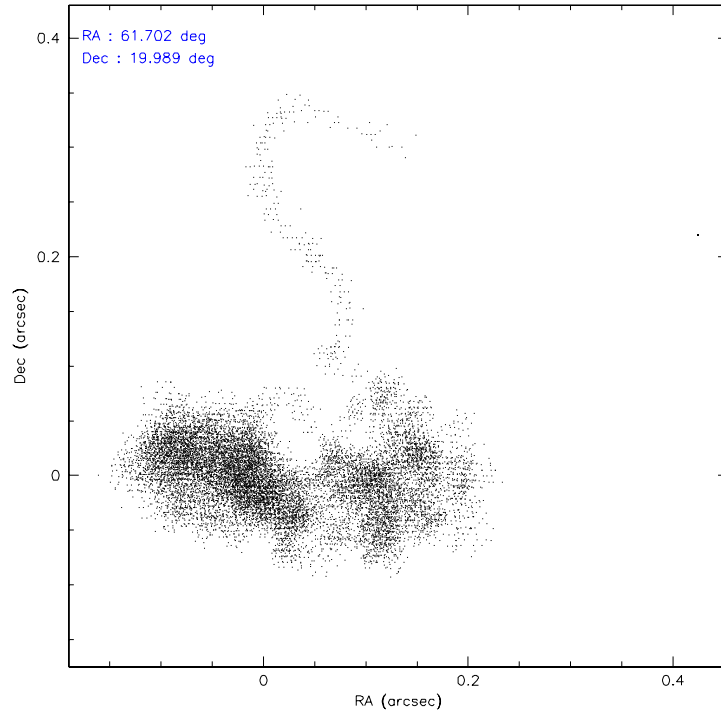
	ccd 7
level 1 events	151477
rejected events	141217
rejected %	93%

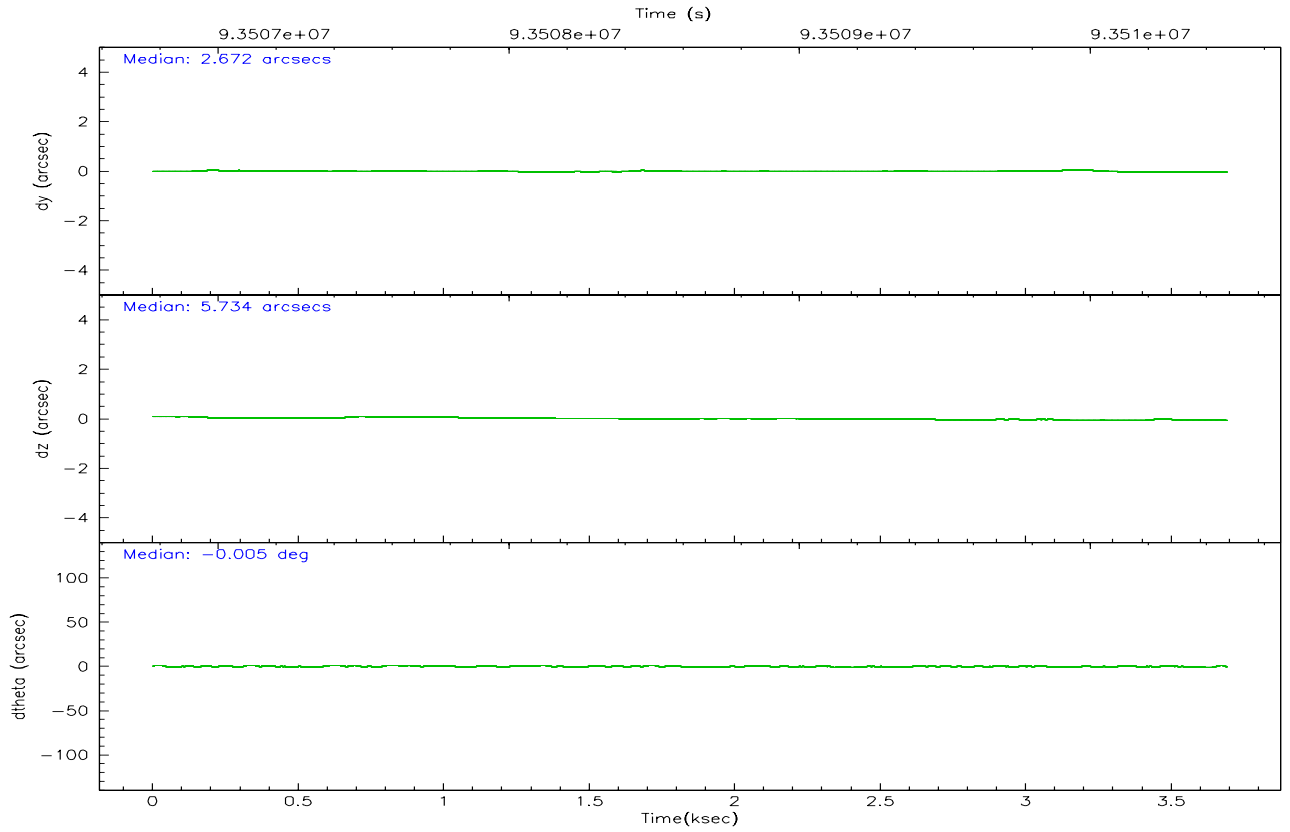
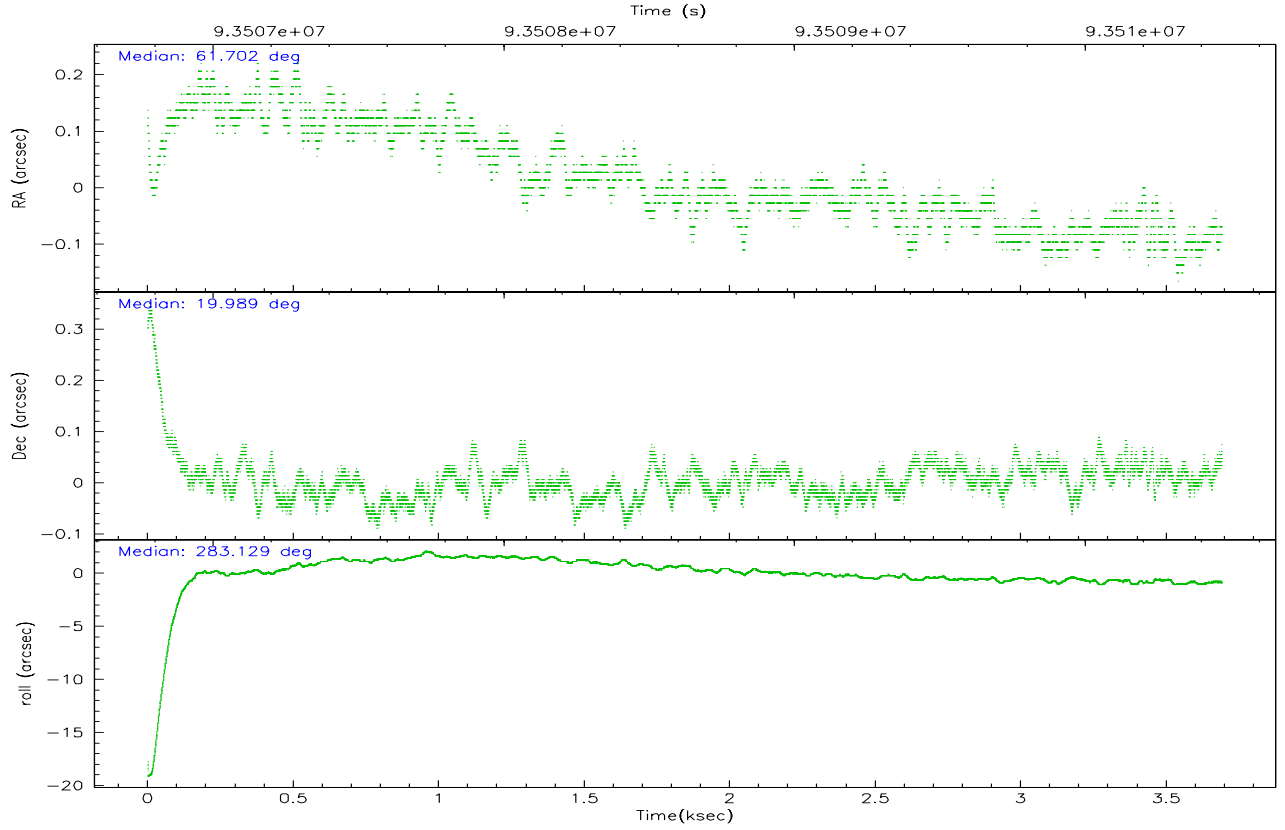
	ccd 7
grade 0 events	885
	0%
grade 1 events	24
	0%
grade 2 events	2171
	1%
grade 3 events	841
	0%
grade 4 events	860
	0%
grade 5 events	2369
	1%
grade 6 events	5508
	3%
grade 7 events	138819
	91%

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	61.681407	61.70150110333418	Subarray requested	NONE	NONE
Pointing Dec	20.009107	19.98931523952553	Alternating exposures requested	N	N
Pointing Roll	282.990018	283.1397762501992	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	93506970.184000	93506594.293308			
Observation start date	2000-12-18T06:08:26	2000-12-18T06:03:14			
Observation end time	93510470.184000	93510604.09346101			
Observation end date	2000-12-18T07:06:46	2000-12-18T07:10:04			
Read mode	TIMED	TIMED			

2.3 Aspect



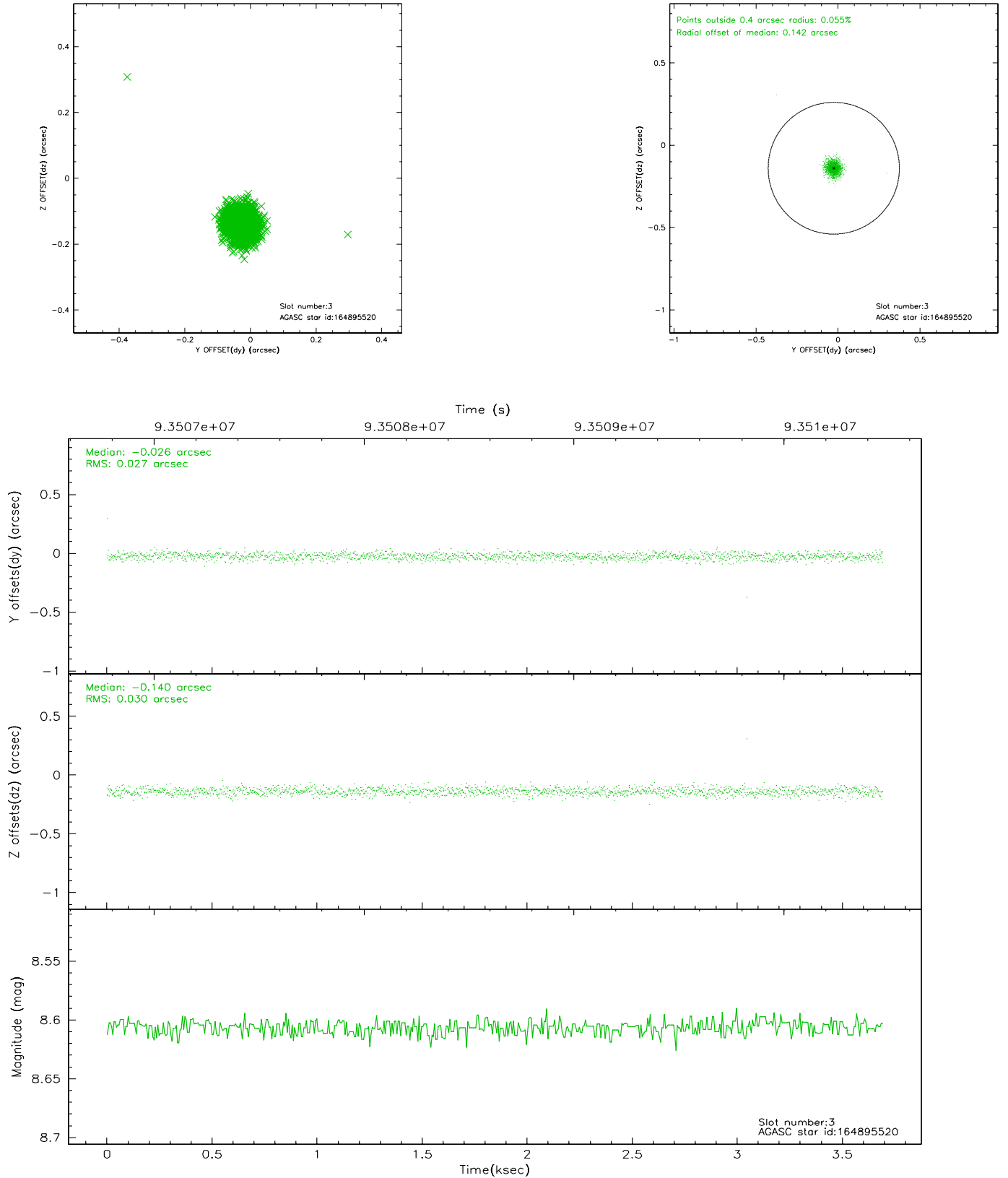


Slot Statistics

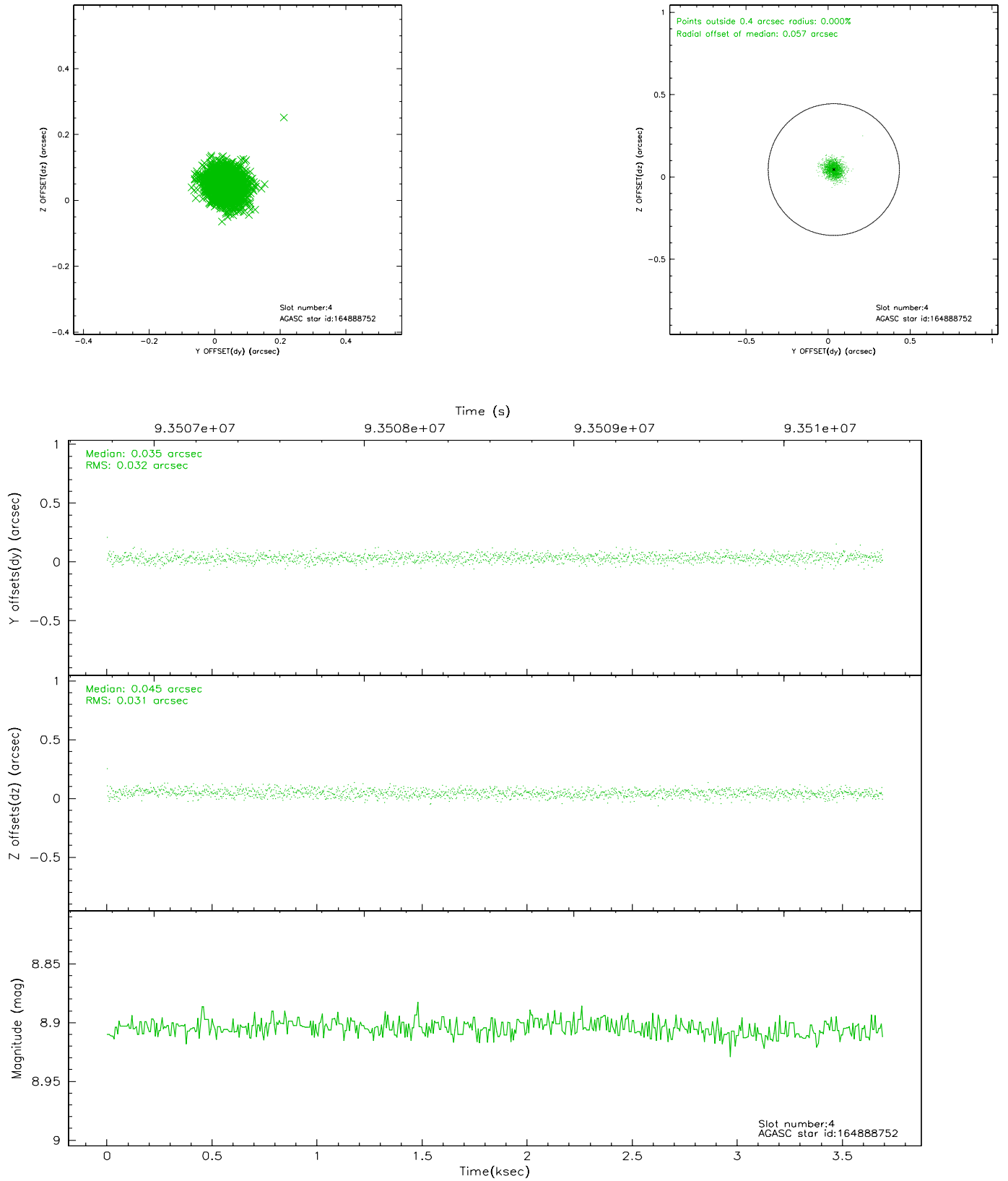
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	901	-0.016	0.041	0.006	0.010	0.000000	0.000000	-755.29	-1726.84
1	FID	ACIS-S-4	7.21	901	-0.070	-0.003	0.005	0.008	0.000000	0.000000	2157.13	179.88
2	FID	ACIS-S-5	7.24	901	0.055	-0.029	0.006	0.010	0.000000	0.000000	-1805.90	175.41
3	GUIDE	164895520	8.61	1802	-0.026	-0.140	0.040	0.065	61.309800	20.139312	-740.83	-1118.89
4	GUIDE	164888752	8.90	1802	0.035	0.045	0.047	0.076	61.568386	19.874602	384.82	-482.60
5	GUIDE	164890352	9.06	1802	-0.027	-0.174	0.049	0.080	61.028629	19.972872	-373.57	-2181.44
6	GUIDE	165022968	9.64	1801	0.021	0.041	0.065	0.110	62.230781	20.386000	-909.51	2110.36
7	GUIDE	165021720	9.52	1799	-0.001	0.228	0.067	0.110	62.234537	20.170723	-151.27	1953.72

2.4 Star Slots

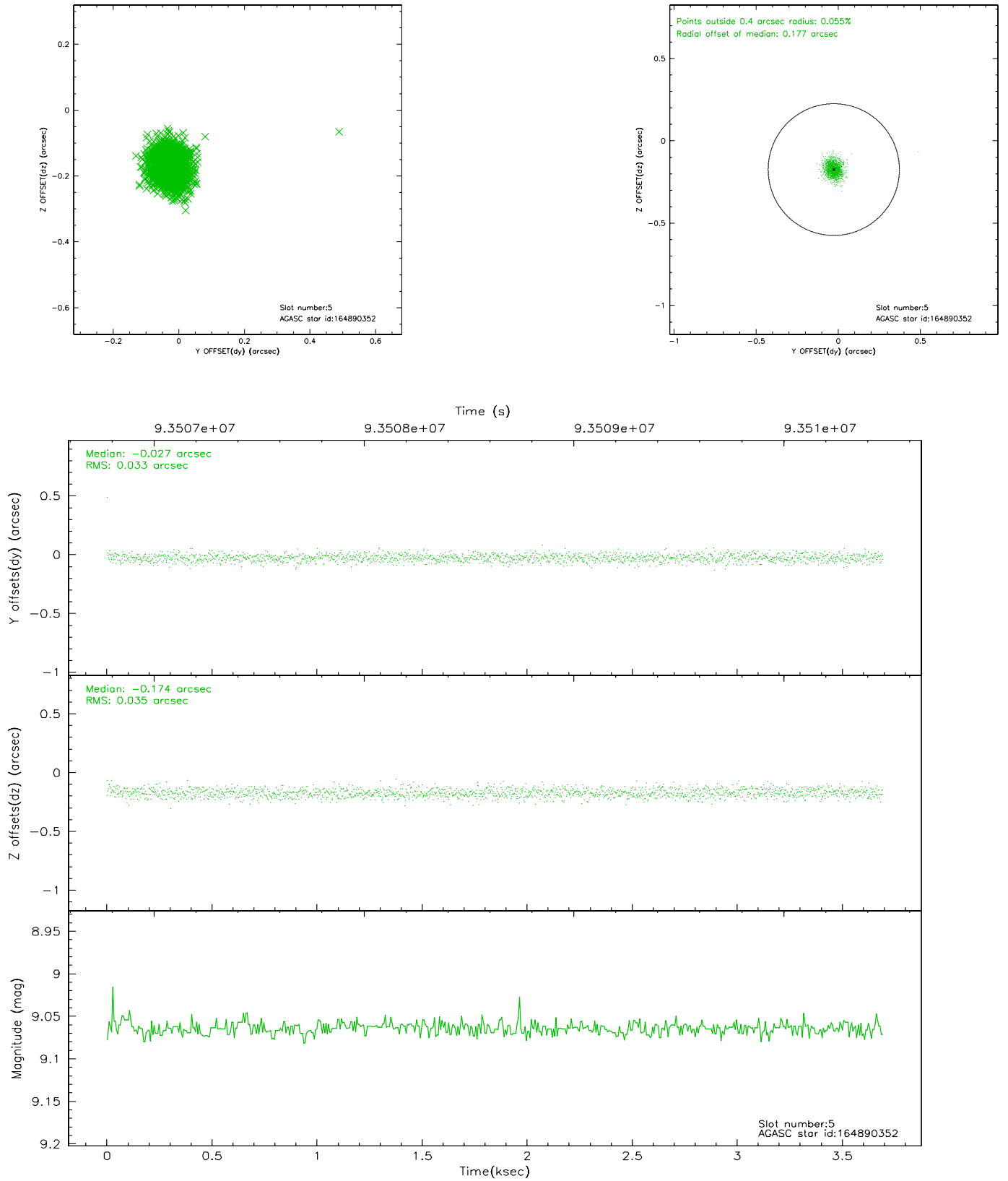
2.4.1 Slot 3



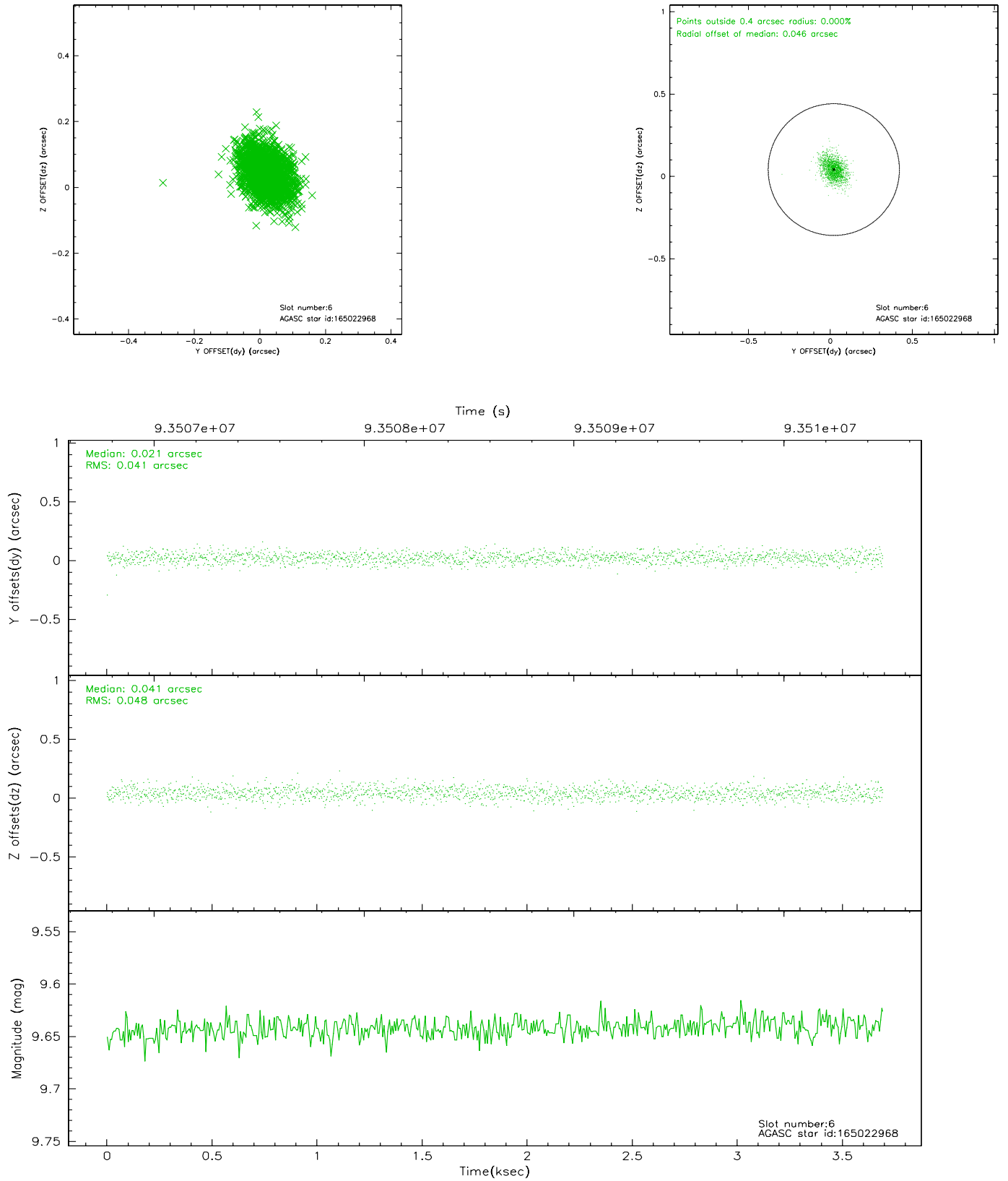
2.4.2 Slot 4



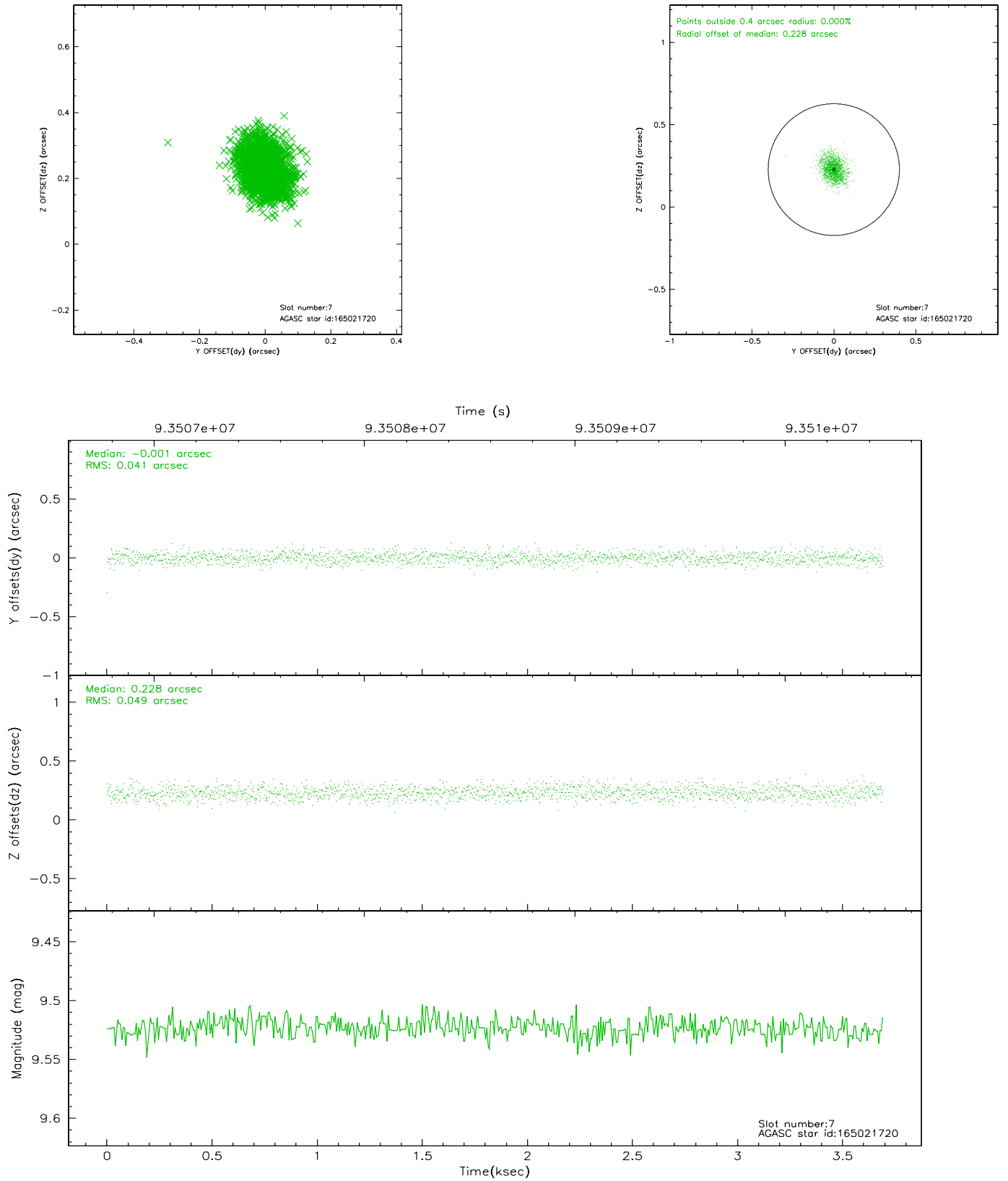
2.4.3 Slot 5



2.4.4 Slot 6

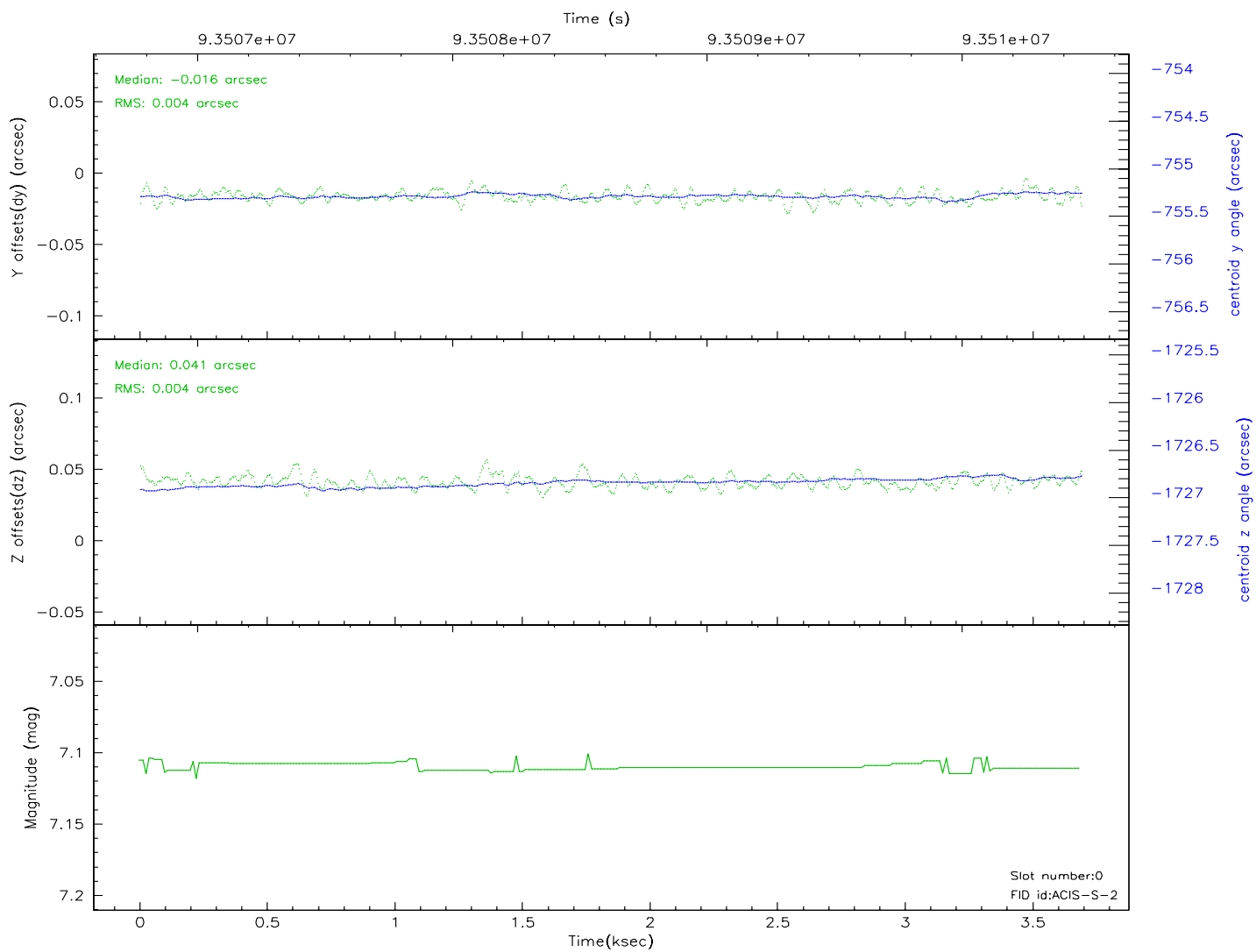
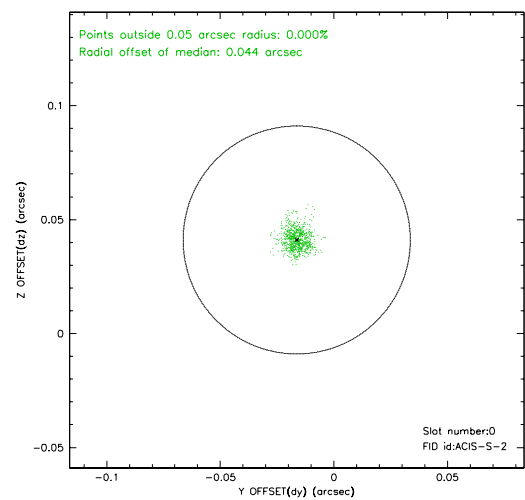
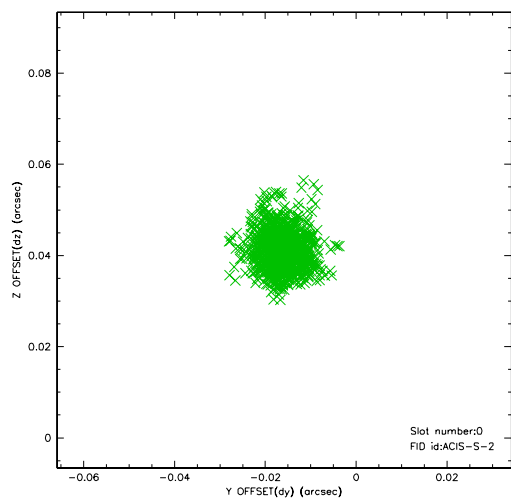


2.4.5 Slot 7

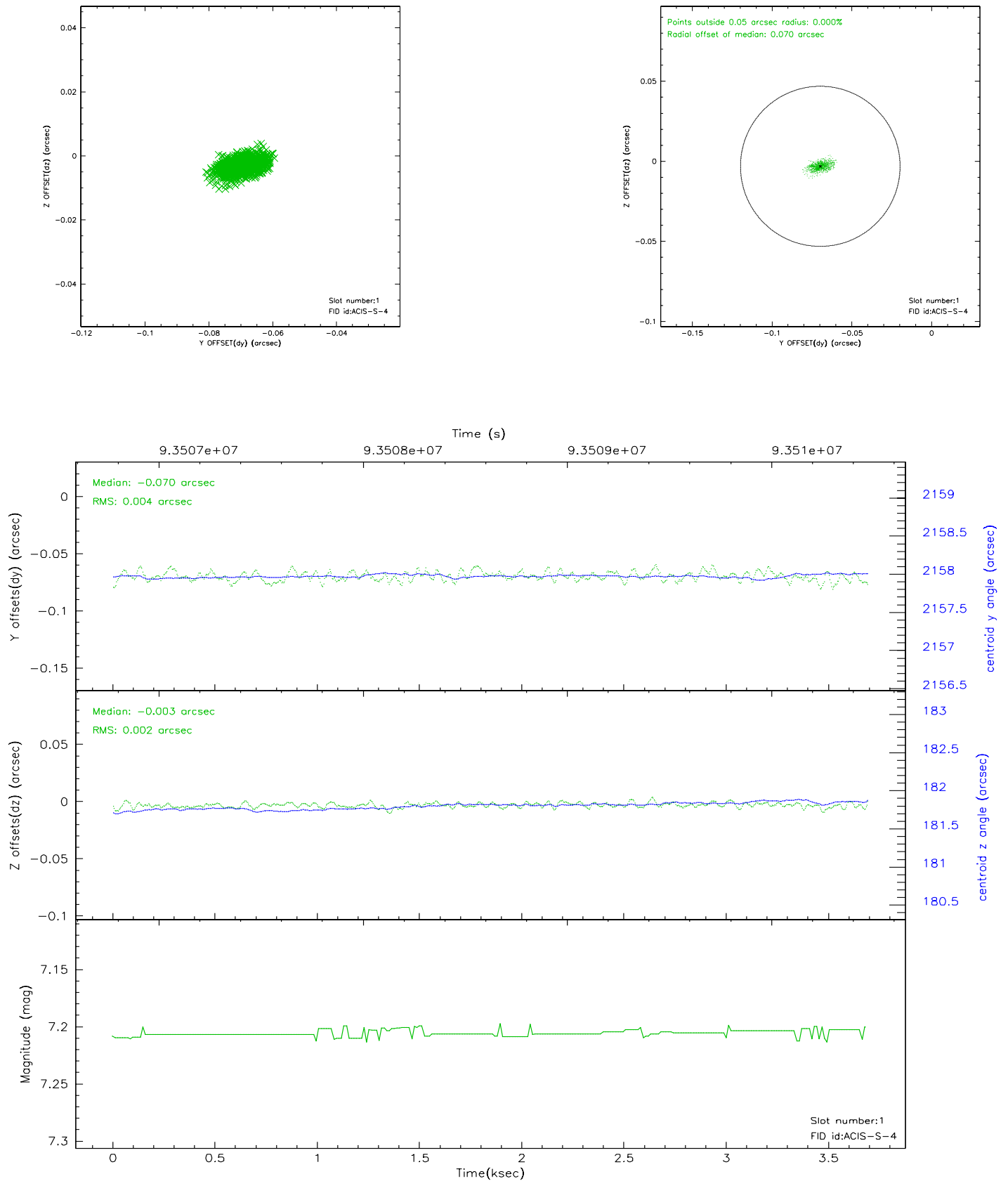


2.5 FID Slots

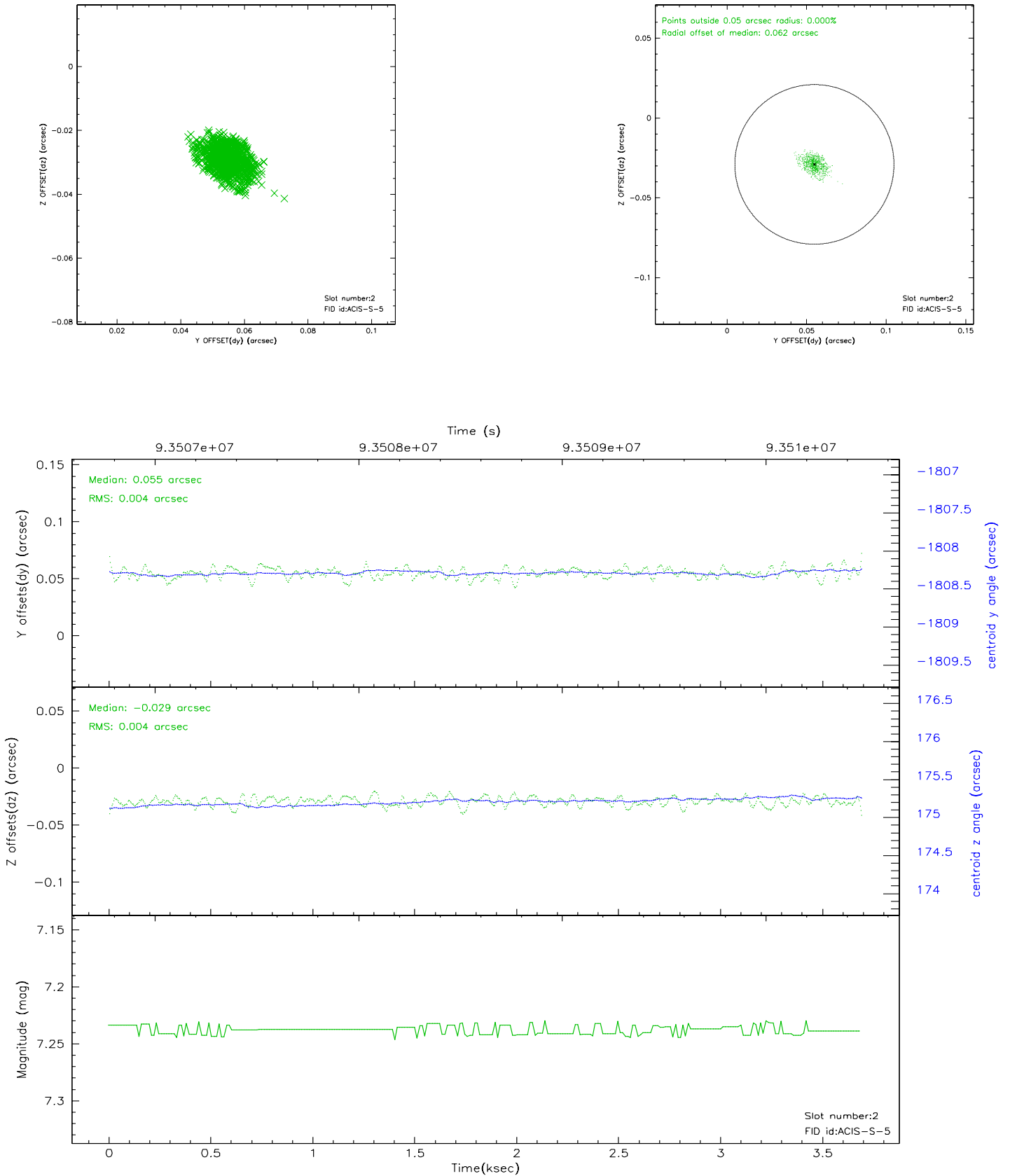
2.5.1 Slot 0



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 contains an apparent source, the events associated with that source have all been removed in the level two event file. Further investigation indicates that the photons associated with the source, along with a large number of background photons, are grade seven and therefore discarded during the level two processing.