

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 709 - L2 Version 001
Chandra X-Ray Center

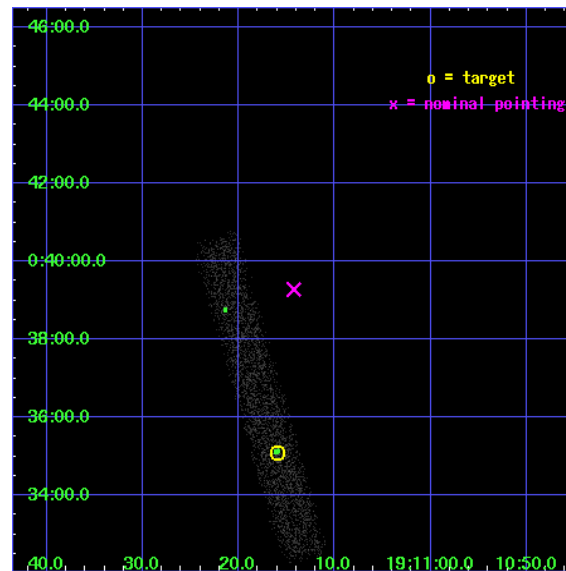
L2 Processing Date : Nov 8 2006

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1 Front

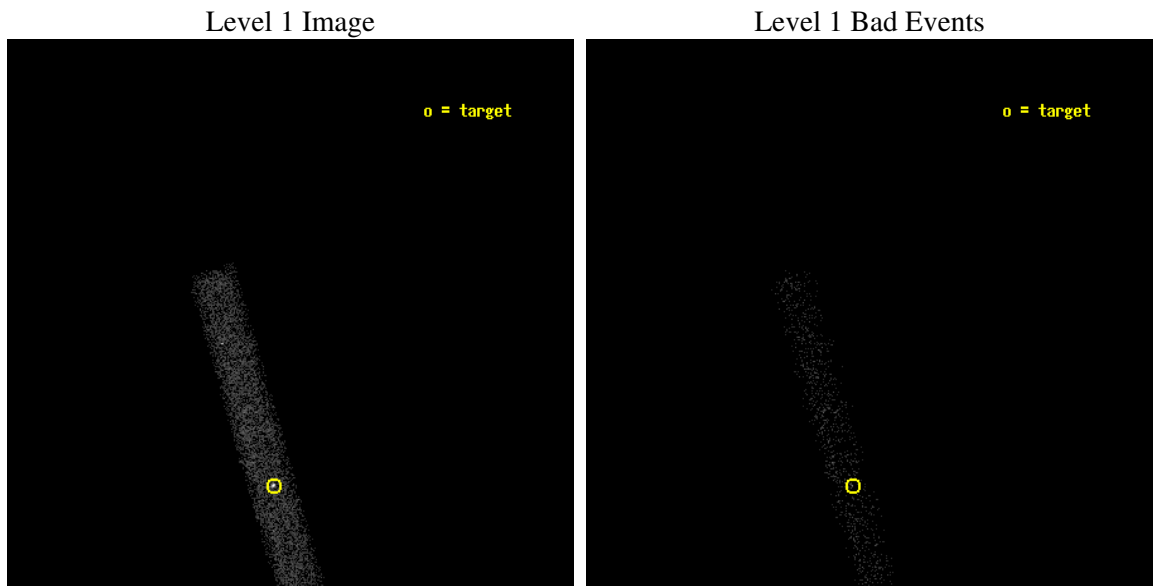
seq_num	400076
obs_id	709
title	TEMPORAL EVOLUTION OF TRANSIENT TYPE I BURSTERS IN QUIESCENCE
observer	PROF. LARS BILDSTEN
object	AQL X-1
dtcycle	0
cycle	P
ra_targ	287.816667
dec_targ	0.585111
ra_nom	287.80945571535
dec_nom	0.65461628178255
roll_nom	73.995369659143
revision	2
ontime	8586.8001279533
livetime	7787.7744675796
ontime7	8586.8001279533
l2events	4583



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	3.2.3
date	2006-11-08T20:53:31
revision	2

sched_exp_time	8000.000000
ontime	8818.0347696841
ontime7	8818.0347696841
l1events	10070

2.1.4 Events

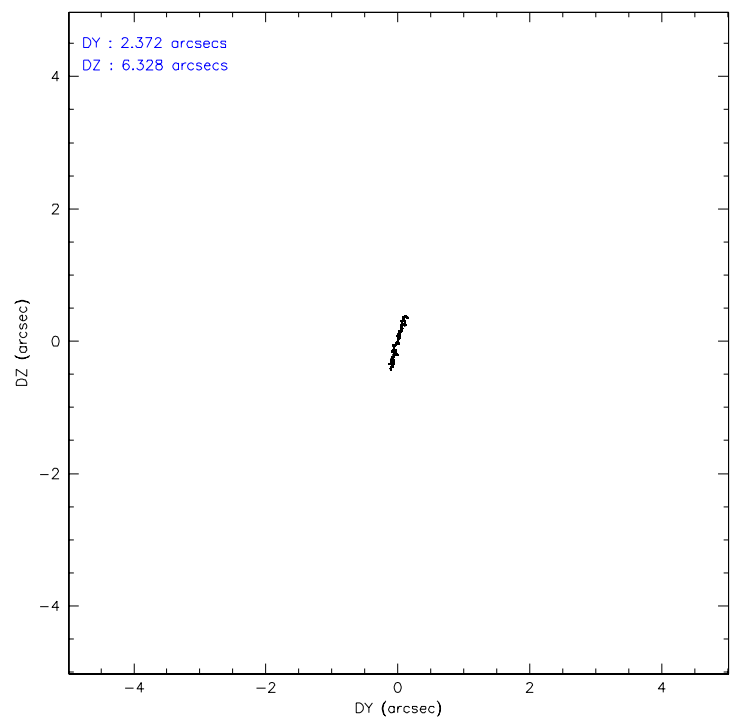
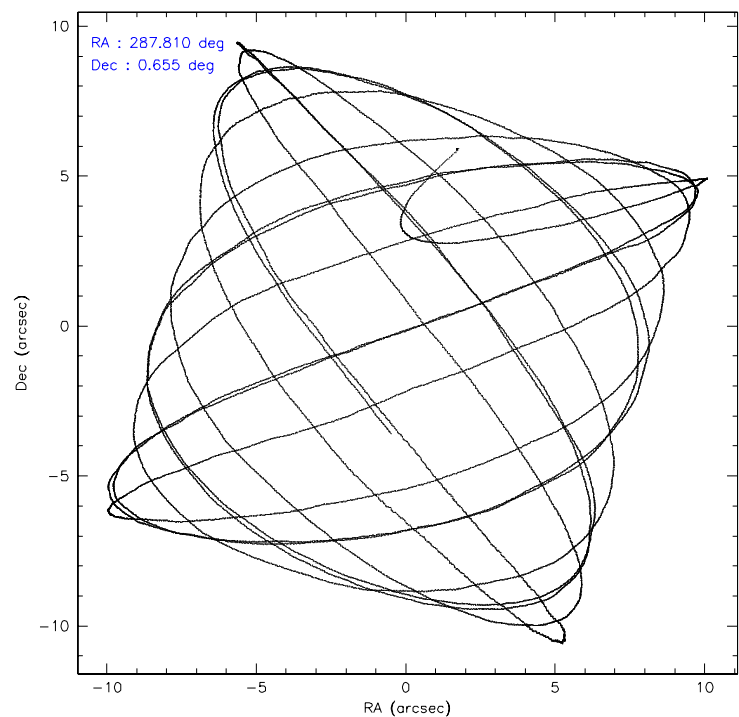
	ccd 7
level 1 events	10070
rejected events	5303
rejected %	52%

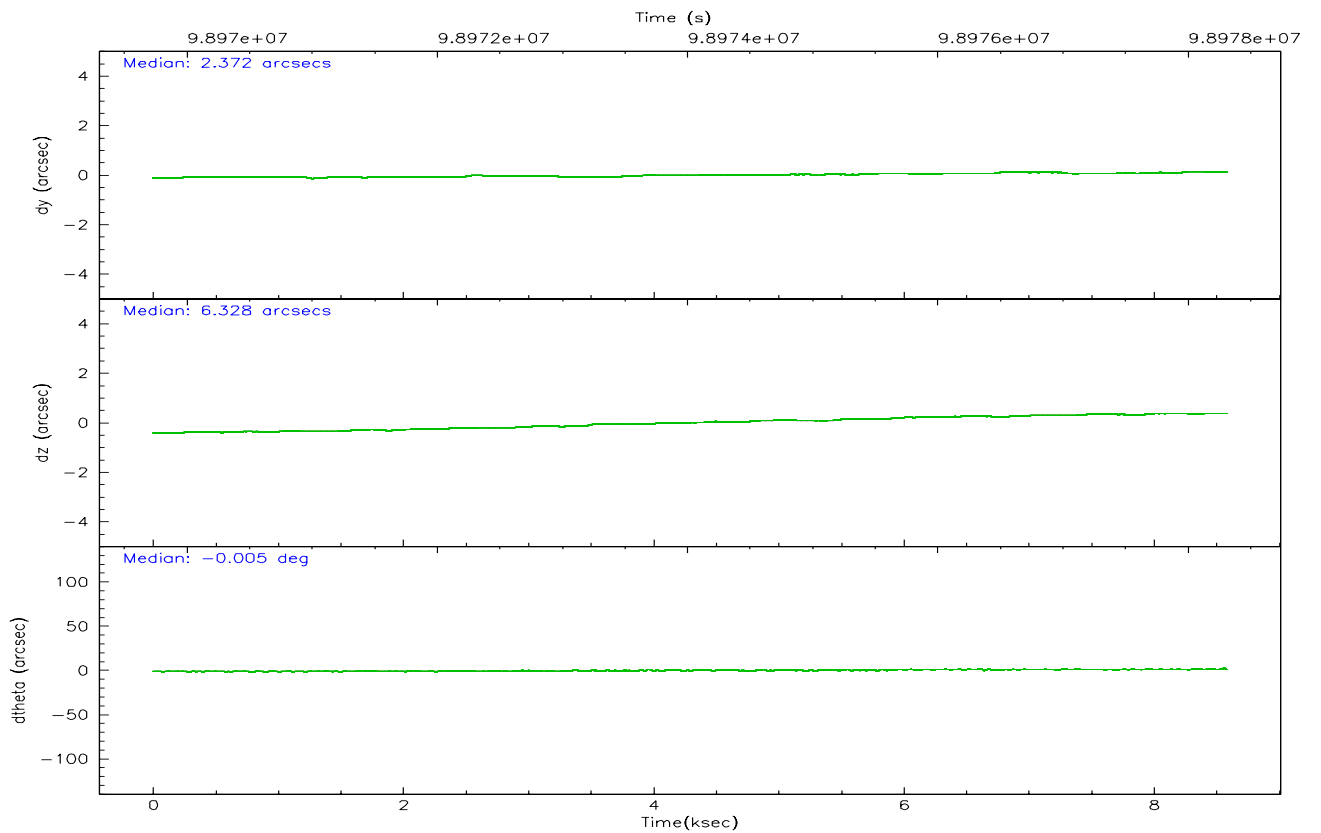
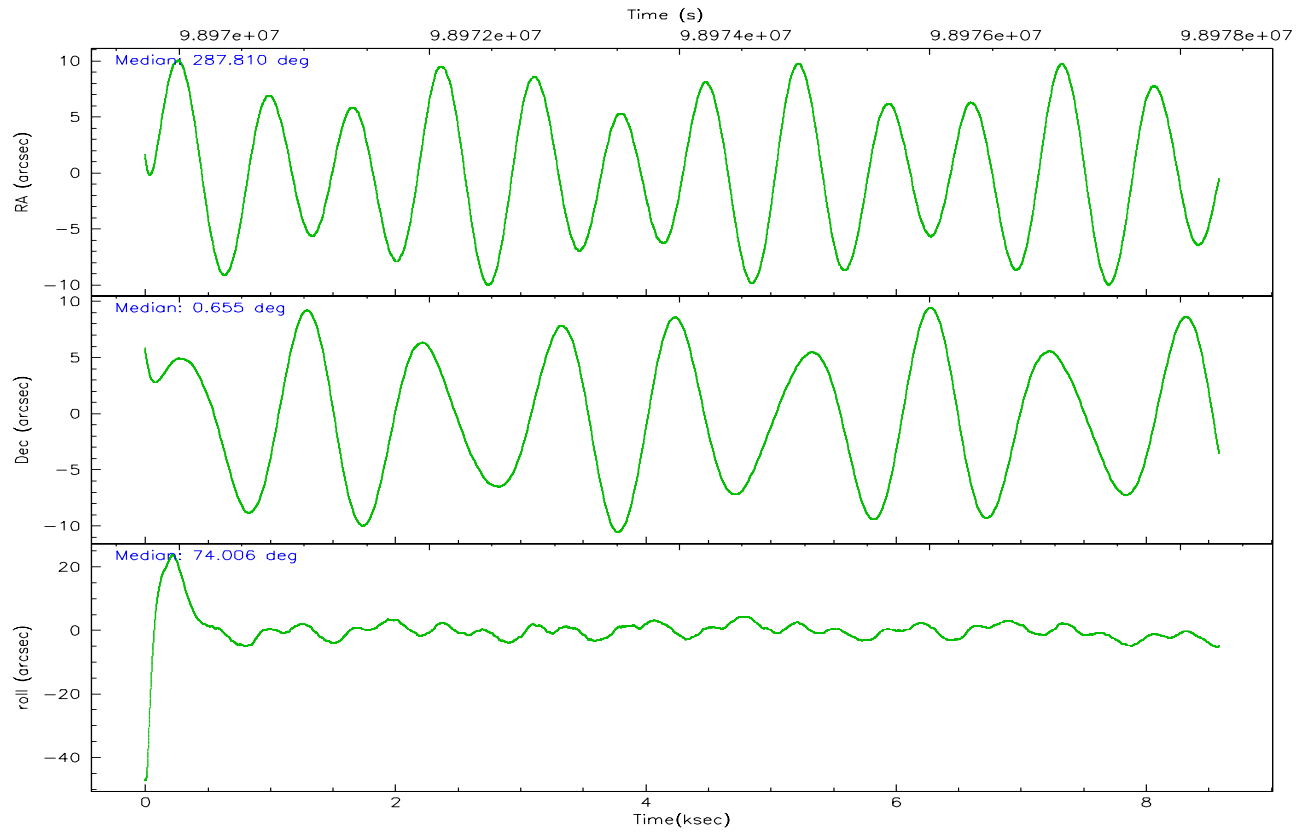
	ccd 7
grade 0 events	600
	5%
grade 1 events	8
	0%
grade 2 events	1150
	11%
grade 3 events	521
	5%
grade 4 events	505
	5%
grade 5 events	595
	5%
grade 6 events	2117
	21%
grade 7 events	4574
	45%

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	287.816284	287.8094557153482	Subarray requested	CUSTOM	1/8
Pointing Dec	0.628086	0.6546162817825527	Subarray start row	650	650
Pointing Roll	73.838769	73.99536965914251	Subarray row count	128	128
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.400000	0.4
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	98970312.184000	98969152.62816299			
Observation start date	2001-02-19T11:44:08	2001-02-19T11:25:52			
Observation end time	98978312.184000	98979898.728578			
Observation end date	2001-02-19T13:57:28	2001-02-19T14:24:58			
Read mode	TIMED	TIMED			

2.3 Aspect



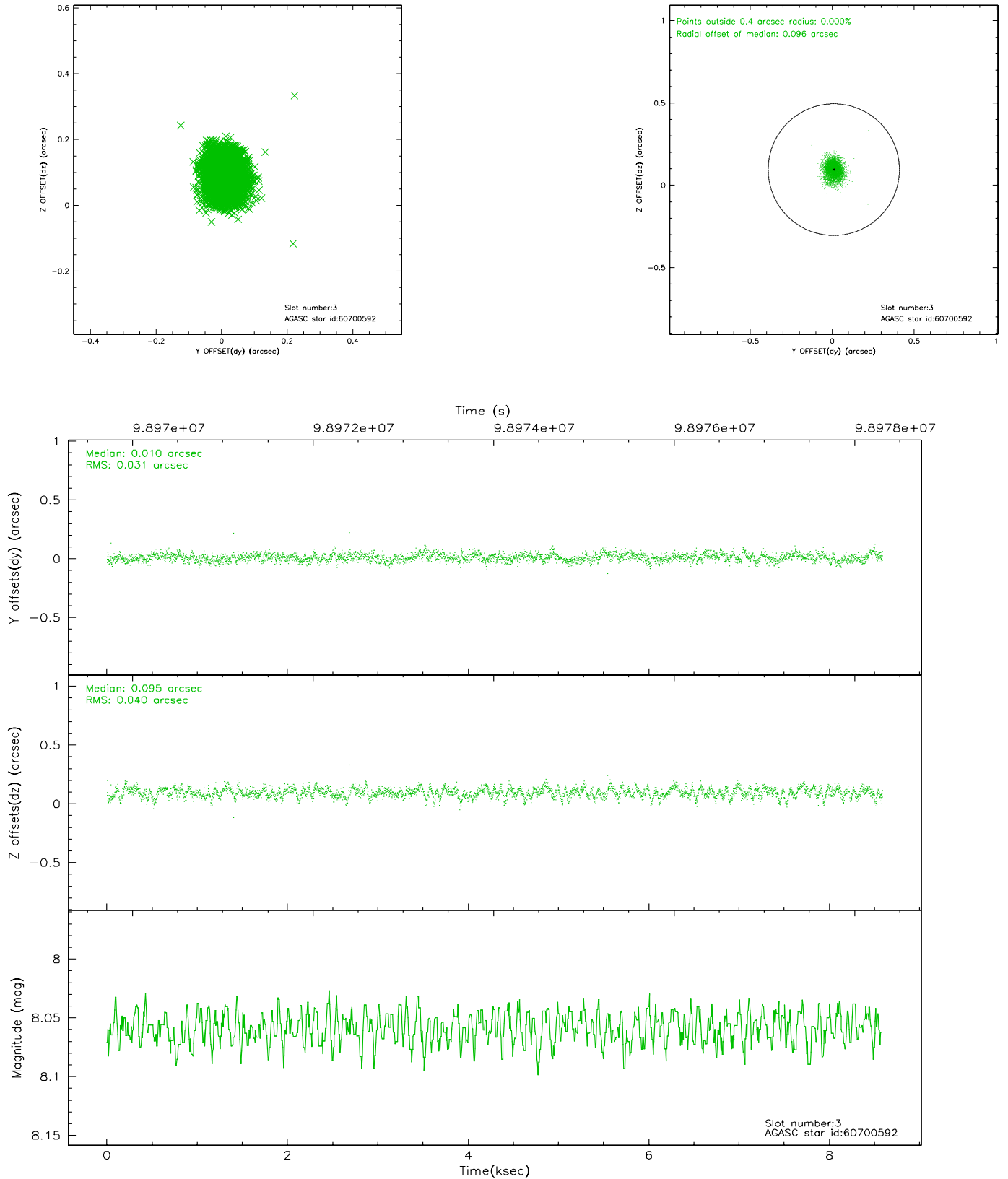


Slot Statistics

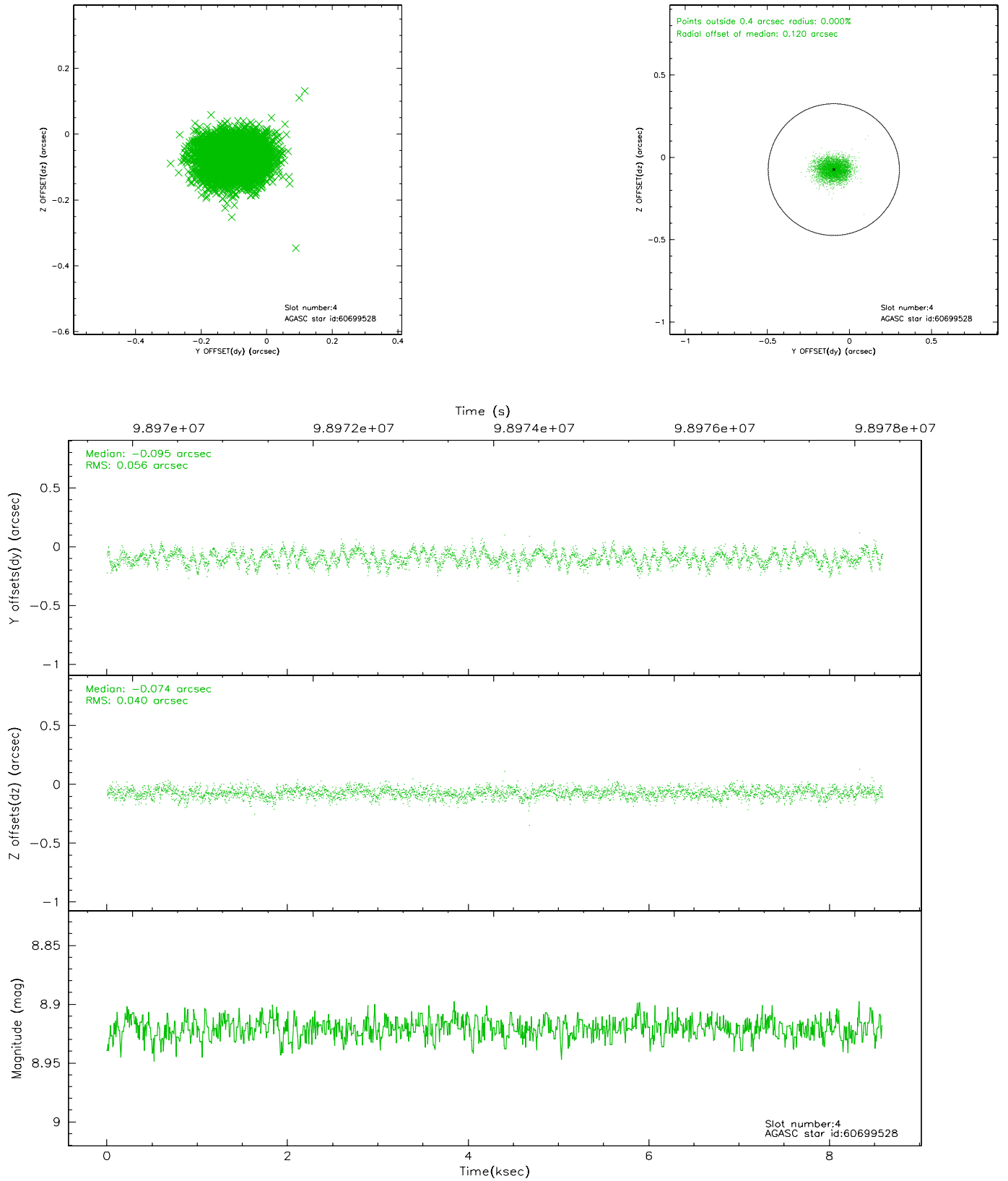
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	2095	-0.016	0.026	0.009	0.014	0.000000	0.000000	-754.99	-1727.45
1	FID	ACIS-S-4	7.20	2095	-0.082	0.001	0.007	0.012	0.000000	0.000000	2157.91	180.38
2	FID	ACIS-S-5	7.23	2094	0.067	-0.018	0.008	0.012	0.000000	0.000000	-1806.94	174.71
3	GUIDE	60700592	8.06	4190	0.010	0.095	0.052	0.088	287.530354	0.932002	764.47	1293.68
4	GUIDE	60699528	8.92	4190	-0.095	-0.074	0.073	0.118	287.344521	1.231468	1614.18	2236.13
5	GUIDE	60698176	8.87	4189	-0.018	-0.046	0.081	0.130	287.425571	1.234708	1706.61	1959.40
6	GUIDE	60708936	9.10	4189	-0.055	0.082	0.112	0.183	287.407925	0.924863	617.60	1710.28
7	GUIDE	60710592	9.41	4187	0.155	-0.058	0.124	0.202	287.035703	0.265770	-2034.35	2337.42

2.4 Star Slots

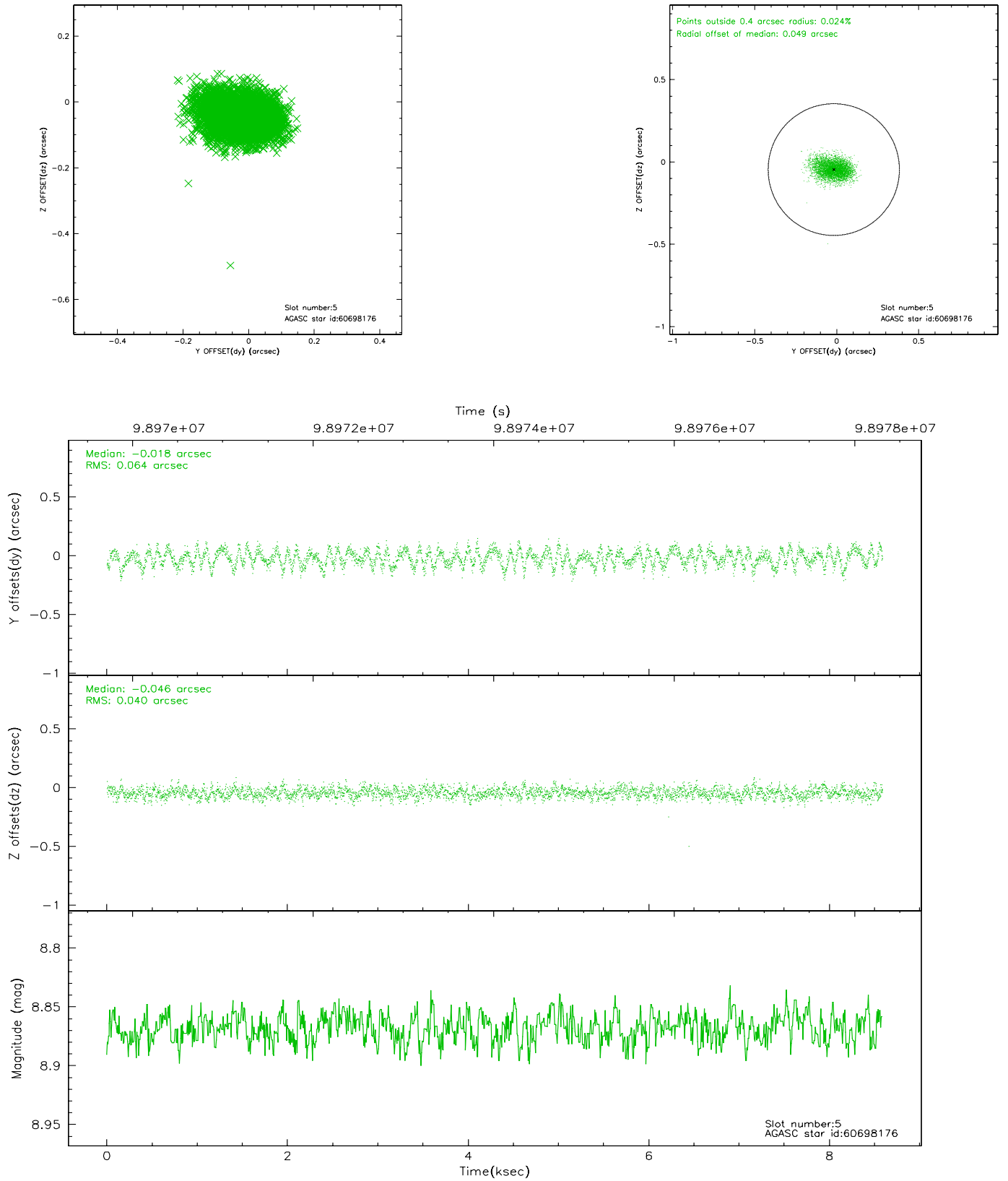
2.4.1 Slot 3



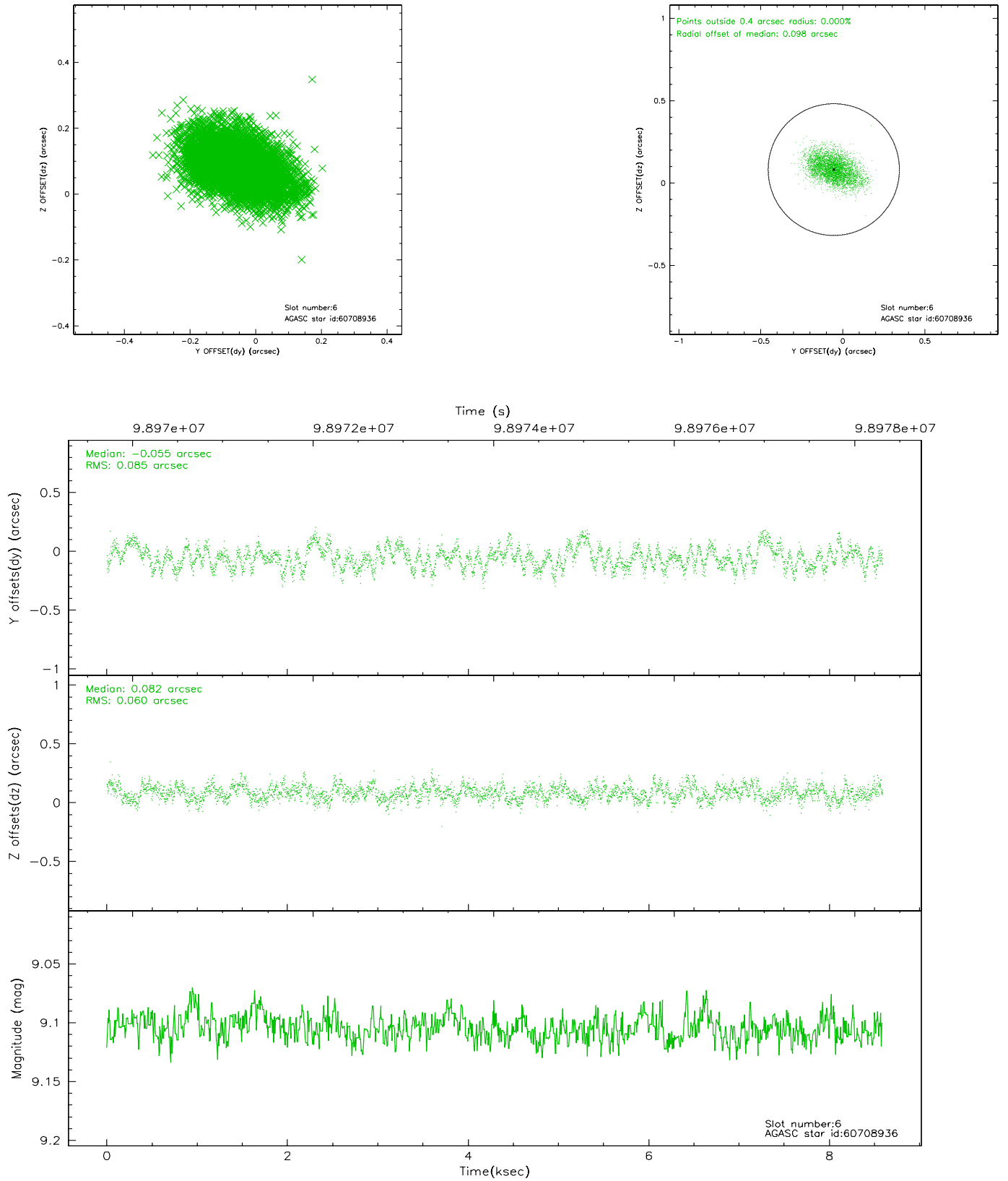
2.4.2 Slot 4



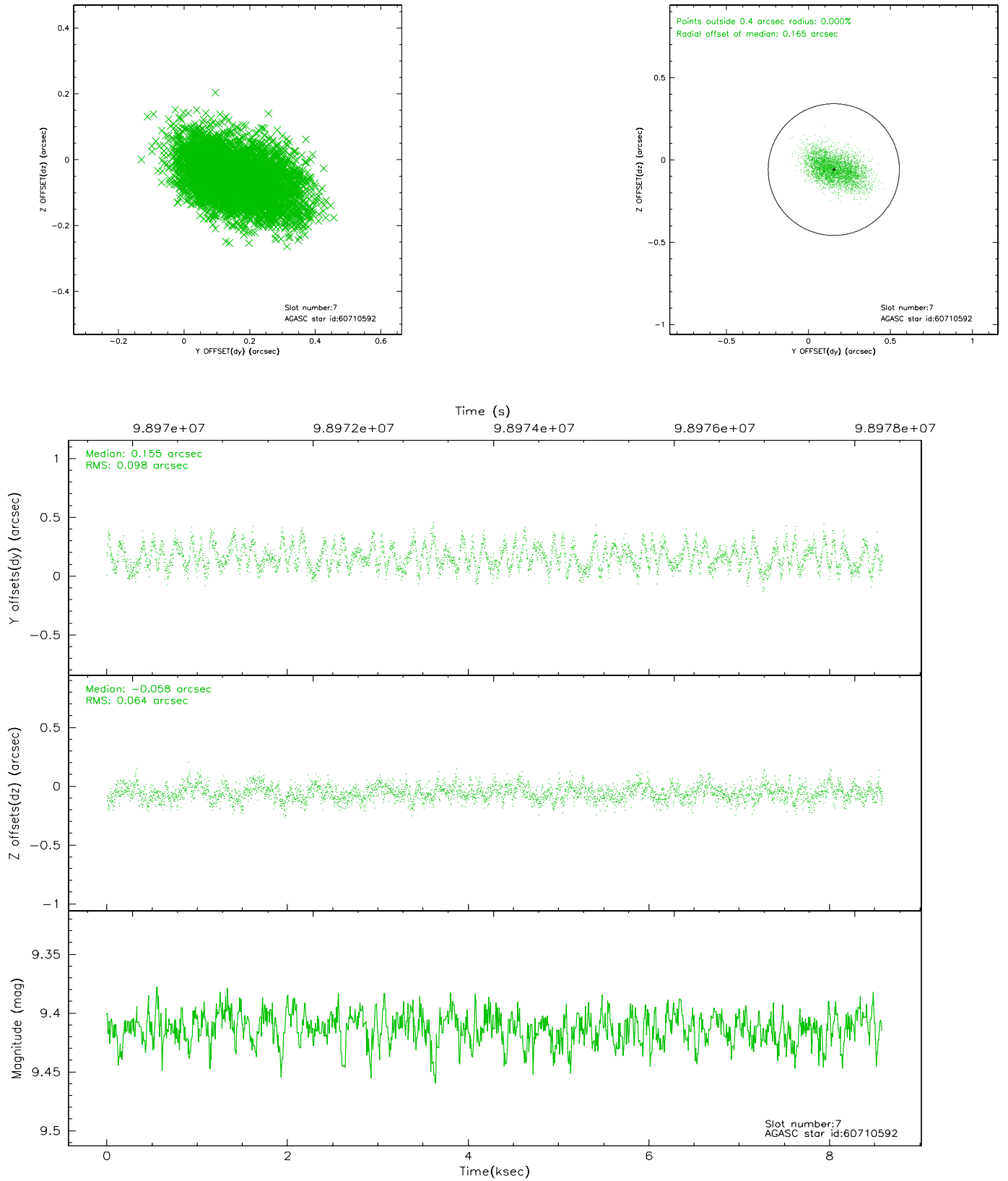
2.4.3 Slot 5



2.4.4 Slot 6

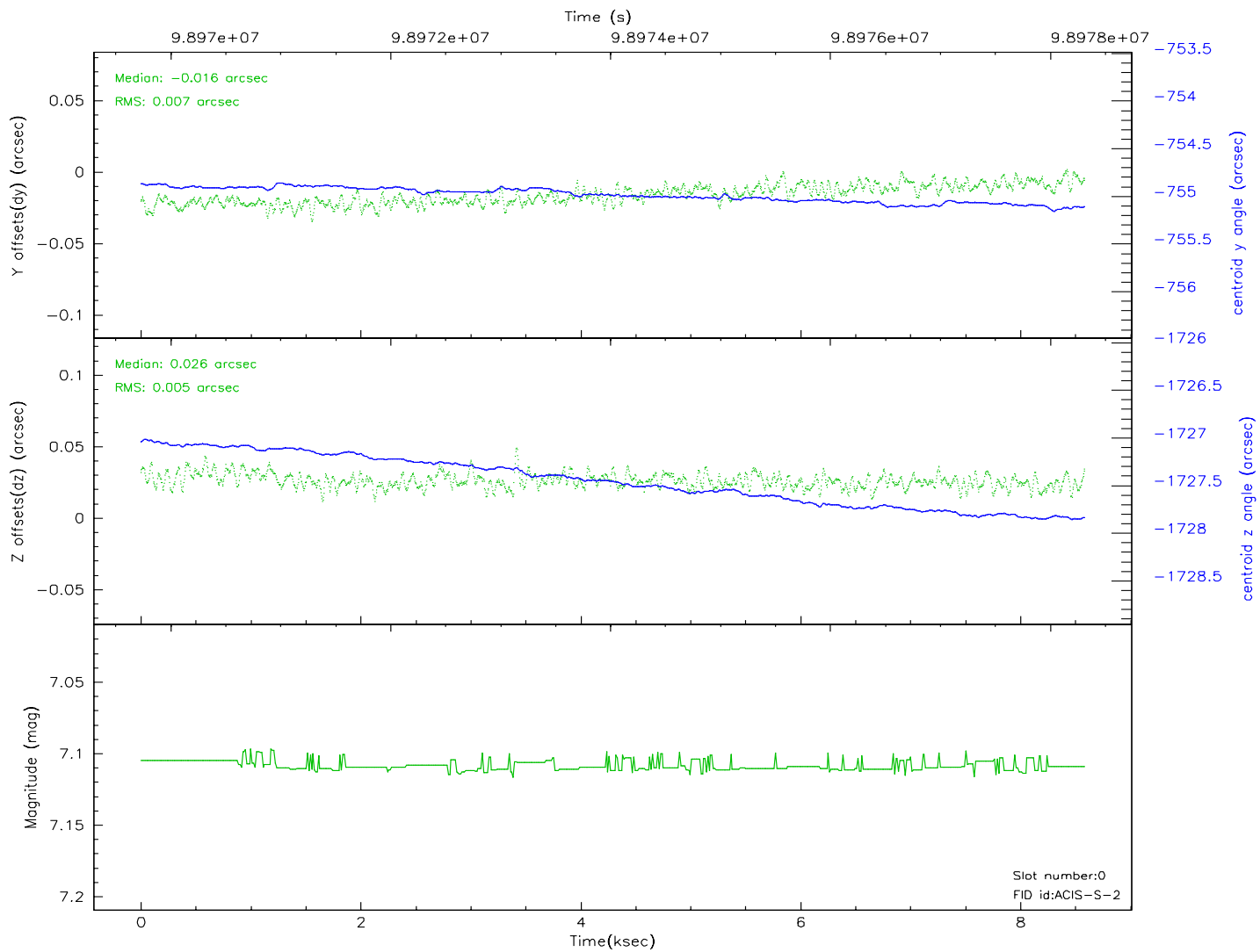
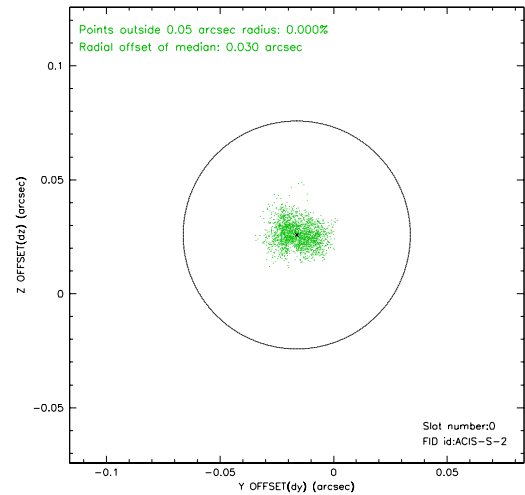
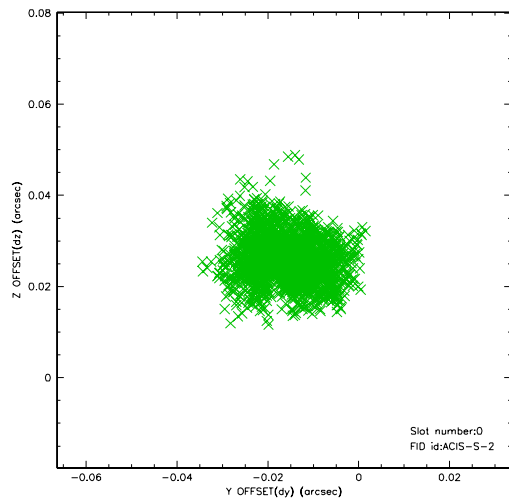


2.4.5 Slot 7

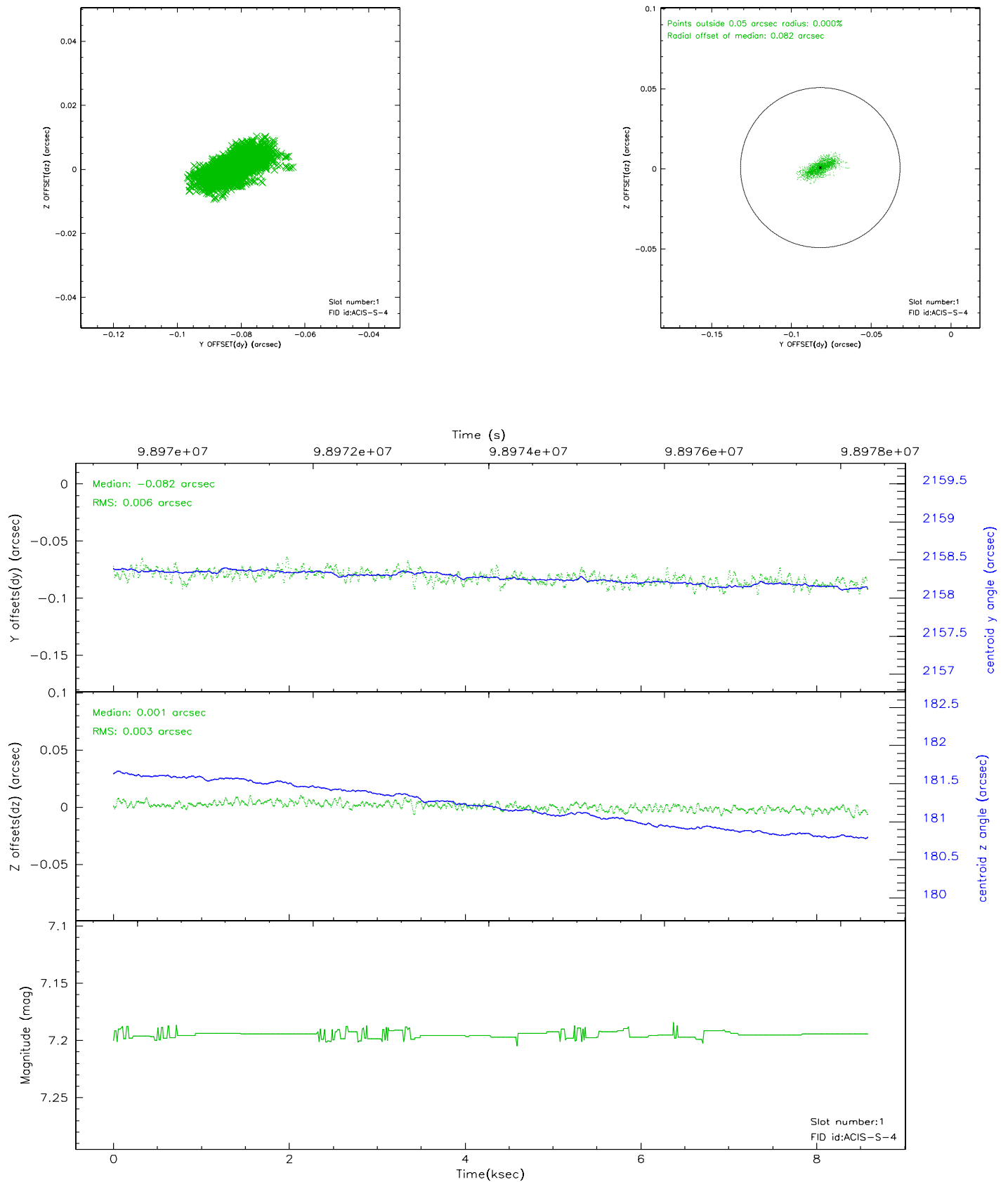


2.5 FID Slots

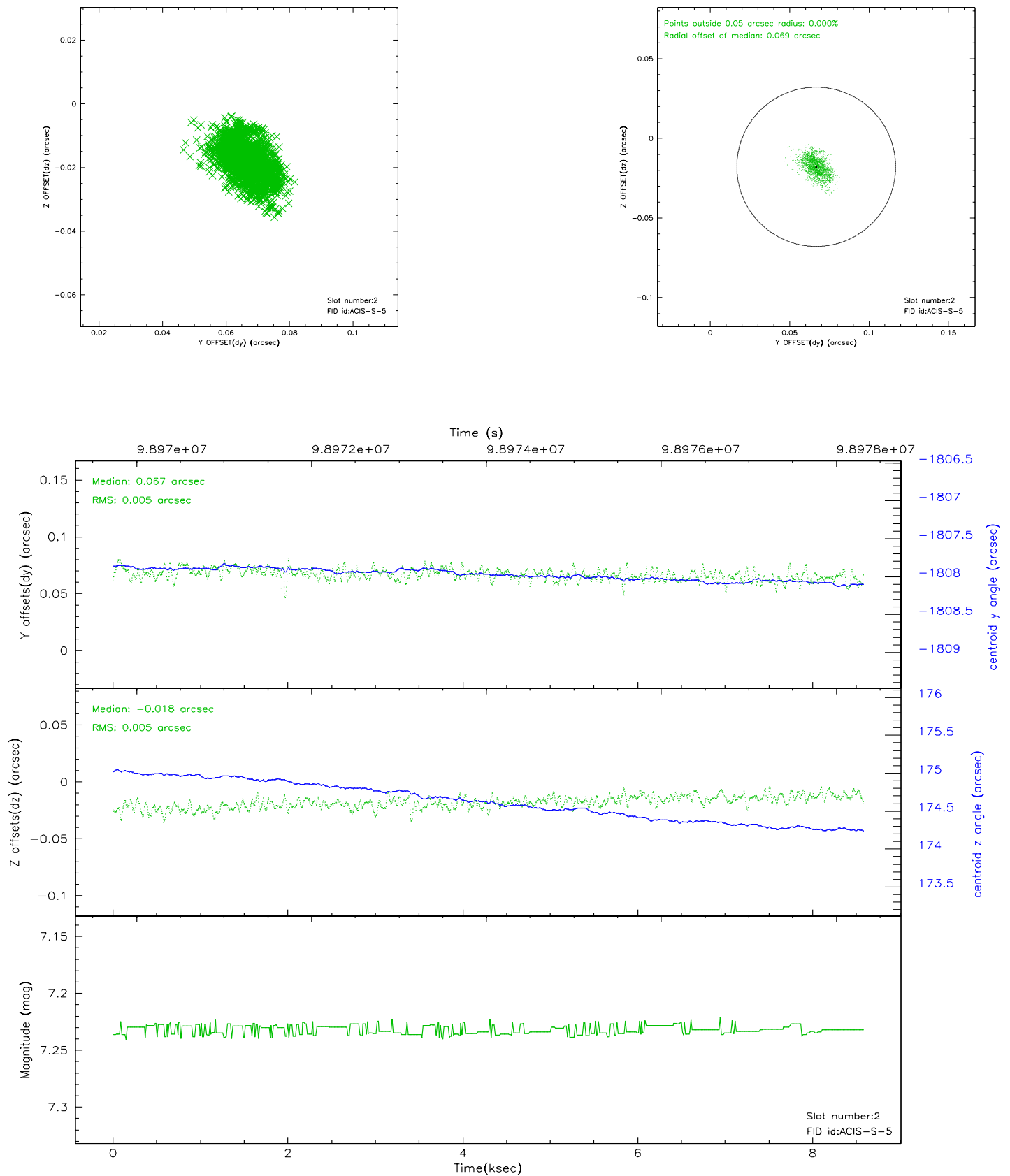
2.5.1 Slot 0



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)	2006.11.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.586

A.2 Comments

Monitor constraint not met, follows obs708 by 83 days instead of 25 - 35 days as requested.