

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3484 - L2 Version 001
Chandra X-Ray Center

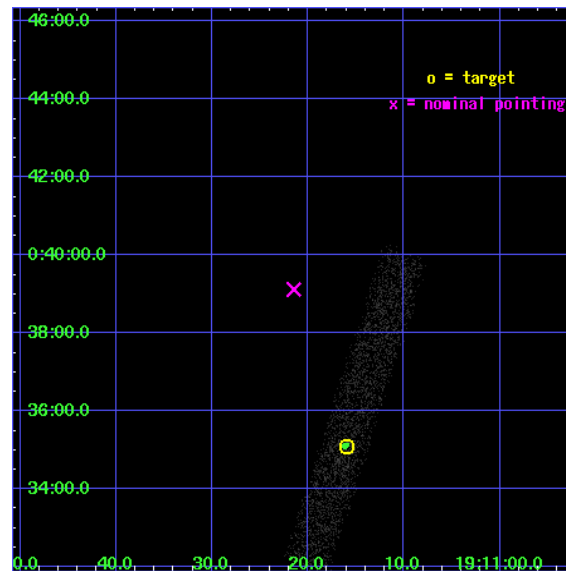
L2 Processing Date : Sep 14 2006

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1 Front

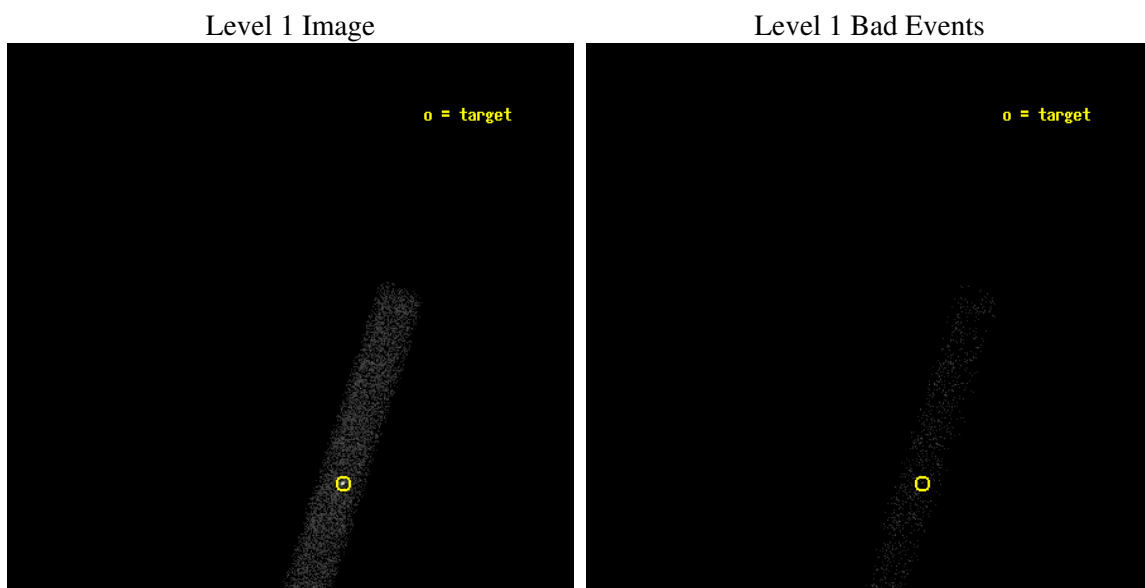
seq_num	400250
obs_id	3484
title	VARIABLE THERMAL EMISSION AND FEATURE FROM AQL X-1 IN QUIESCENCE
observer	Prof. Robert Rutledge
object	AQL X-1
dtcycle	0
cycle	P
ra_targ	287.816667
dec_targ	0.585
ra_nom	287.83950093972
dec_nom	0.65201071101151
roll_nom	107.91151043217
revision	2
ontime	7160.8001067042
livetime	6494.4677187595
ontime7	7160.8001067042
l2events	4521



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	2006-09-15T00:51:27
revision	2

sched_exp_time	7000.000000
ontime	8334.2304496169
ontime7	8334.2304496169
l1events	10621

2.1.4 Events

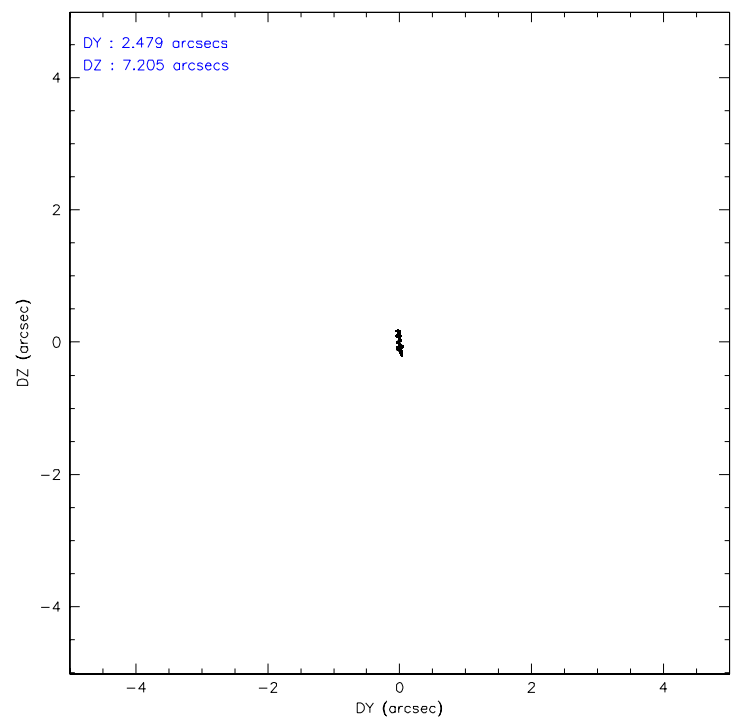
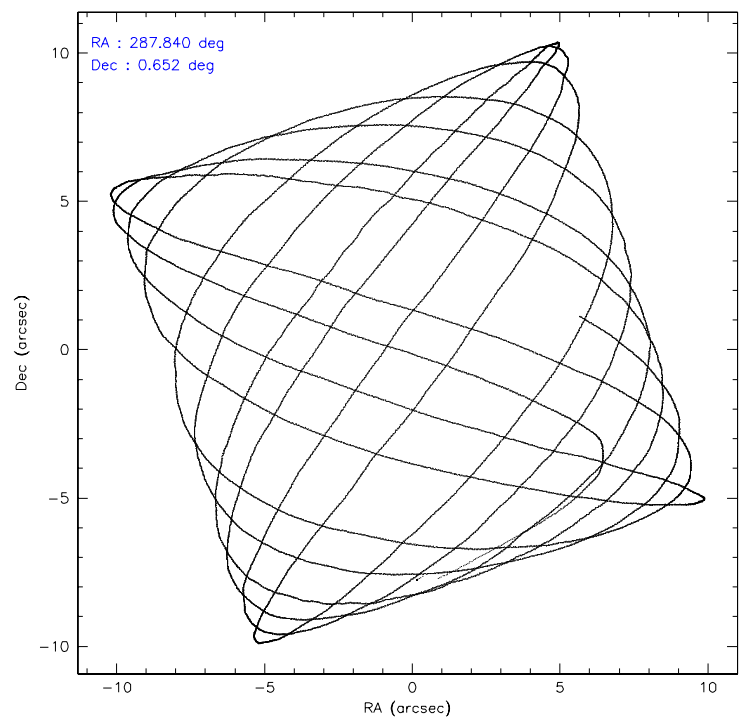
	ccd 7
level 1 events	10621
rejected events	5984
rejected %	56%

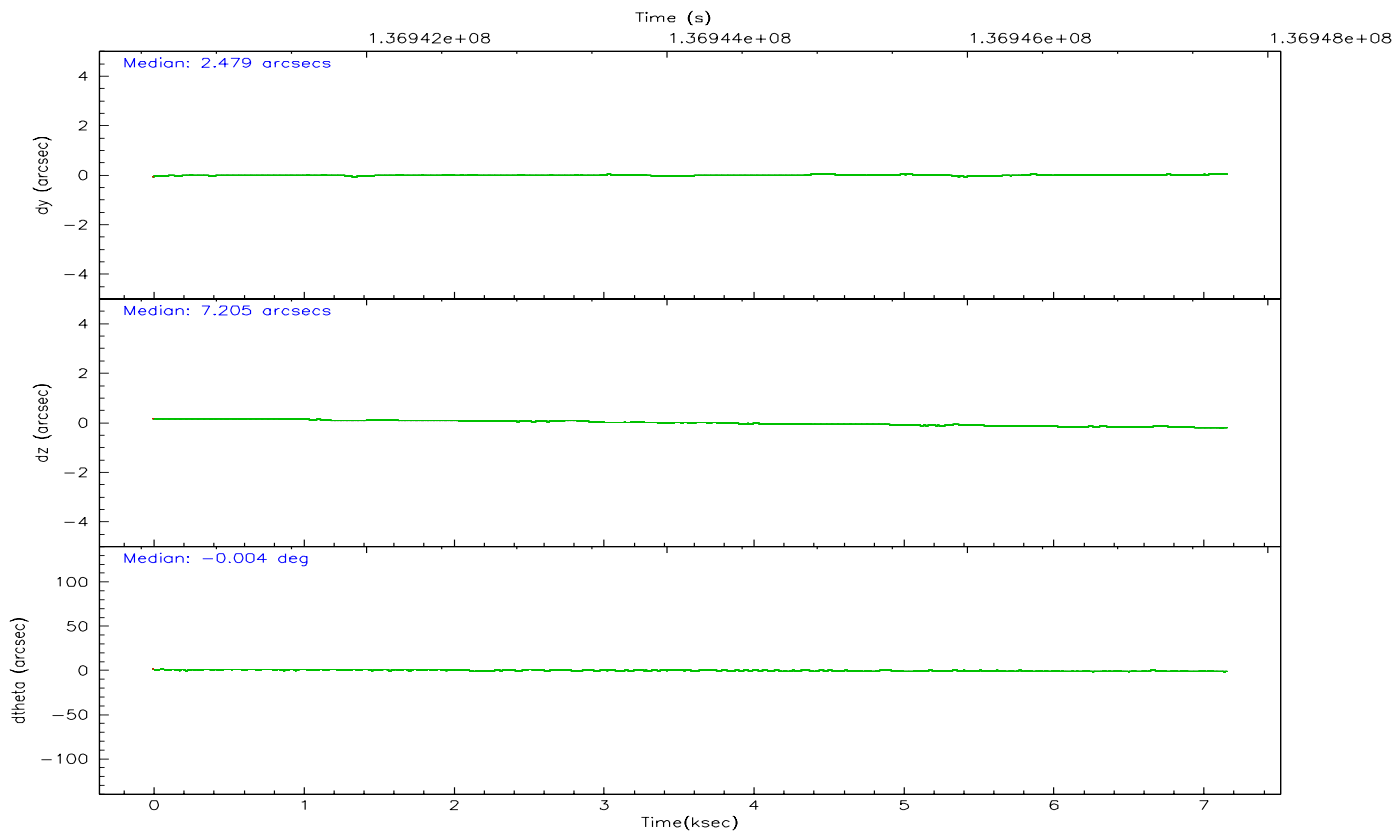
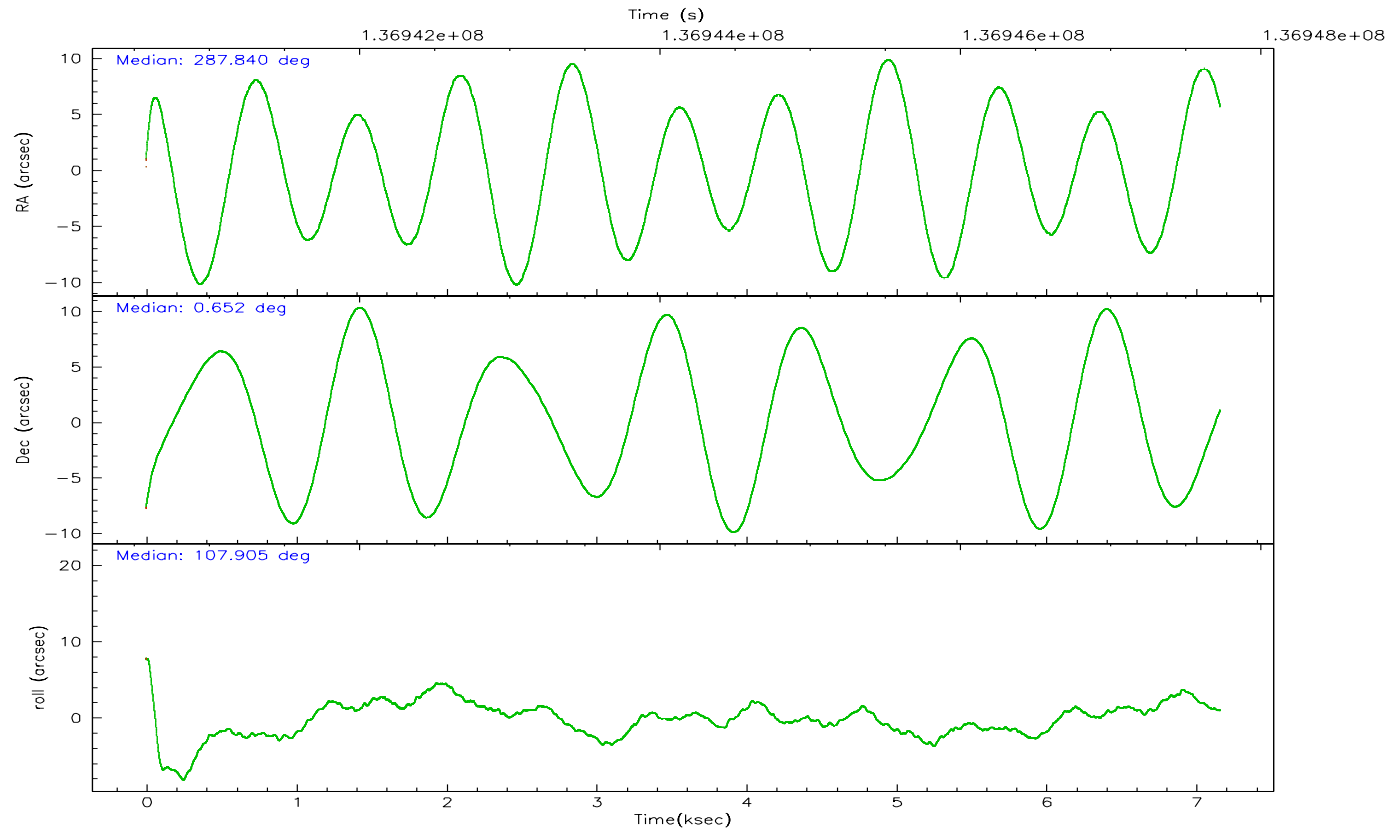
	ccd 7
grade 0 events	635
	5%
grade 1 events	6
	0%
grade 2 events	1132
	10%
grade 3 events	627
	5%
grade 4 events	592
	5%
grade 5 events	778
	7%
grade 6 events	2244
	21%
grade 7 events	4607
	43%

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	287.859943	287.8395009397202	Subarray requested	CUSTOM	1/8
Pointing Dec	0.634032	0.6520107110115096	Subarray start row	150	150
Pointing Roll	107.754622	107.9115104321728	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	0.000000	0.4
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	136940730.184000	136939396.60755			
Observation start date	2002-05-04T23:04:26	2002-05-04T22:43:16			
Observation end time	136947730.184000	136948498.60792			
Observation end date	2002-05-05T01:01:06	2002-05-05T01:14:58			
Read mode	TIMED	TIMED			

2.3 Aspect



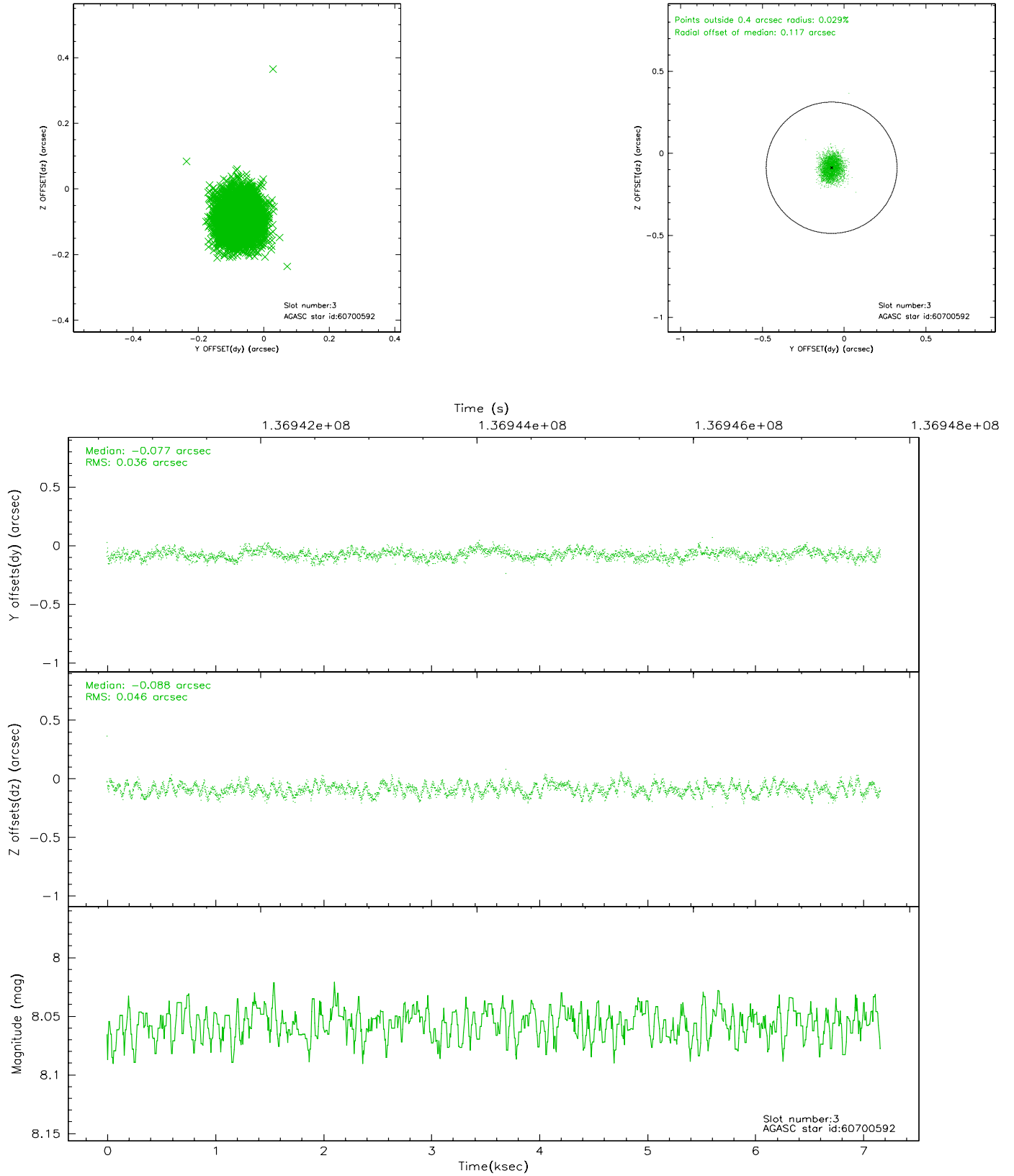


Slot Statistics

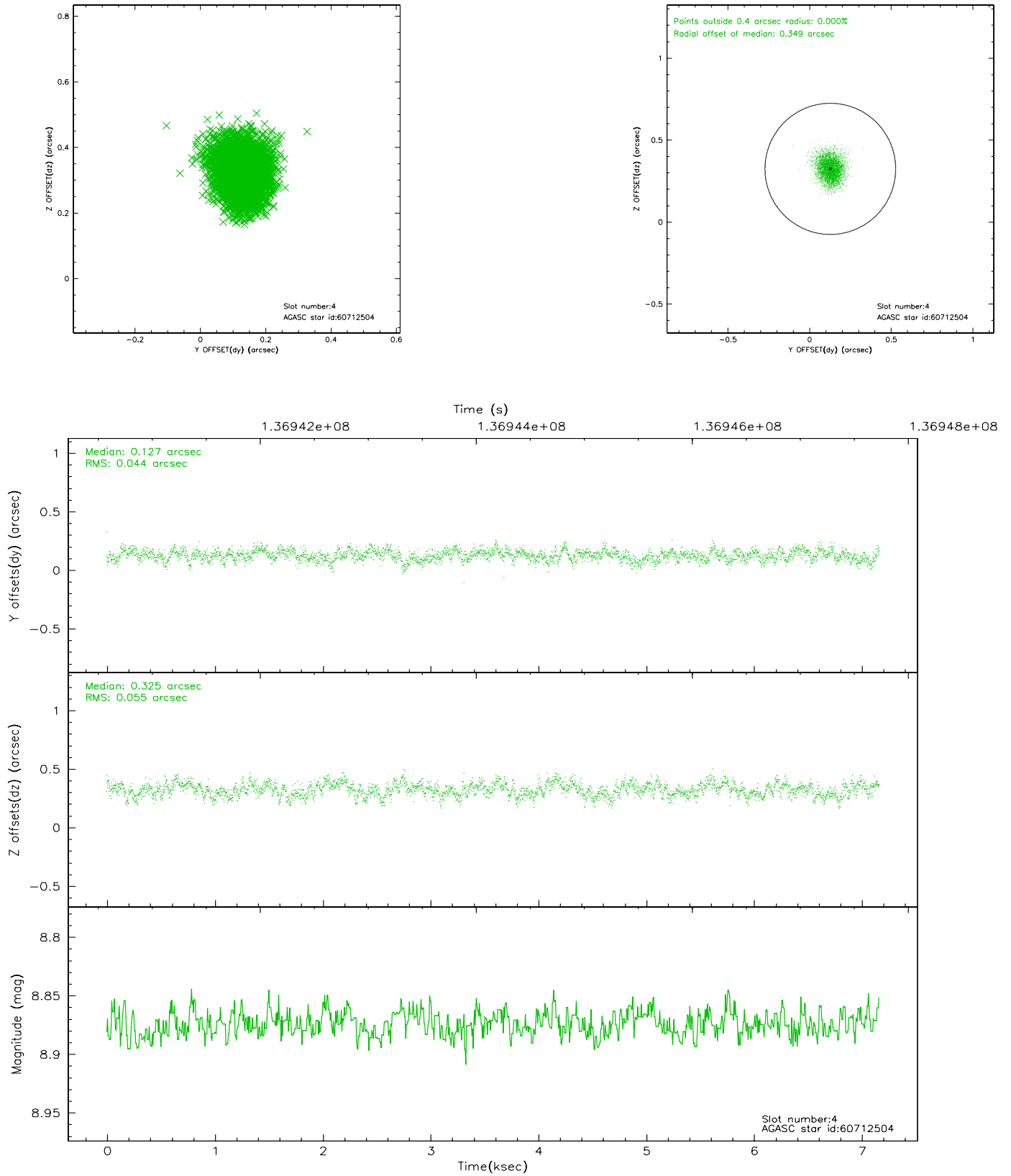
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1748	-0.001	0.034	0.009	0.014	0.000000	0.000000	-755.11	-1728.29
1	FID	ACIS-S-4	7.20	1748	-0.091	-0.008	0.007	0.011	0.000000	0.000000	2157.72	179.33
2	FID	ACIS-S-5	7.24	1747	0.061	-0.017	0.007	0.011	0.000000	0.000000	-1806.85	173.90
3	GUIDE	60700592	8.06	3493	-0.077	-0.088	0.063	0.096	287.530354	0.932002	1383.53	802.71
4	GUIDE	60712504	8.87	3492	0.127	0.325	0.074	0.121	288.588609	0.262689	-2071.99	-2090.52
5	GUIDE	60714072	8.95	3492	-0.106	0.176	0.099	0.154	288.094723	1.368496	2260.28	-1611.42
6	GUIDE	60708936	9.14	3493	-0.113	-0.091	0.088	0.140	287.407925	0.924863	1494.06	1229.75
7	GUIDE	672281216	9.31	3493	0.173	-0.321	0.102	0.163	287.454836	-0.067927	-1961.35	2159.30

2.4 Star Slots

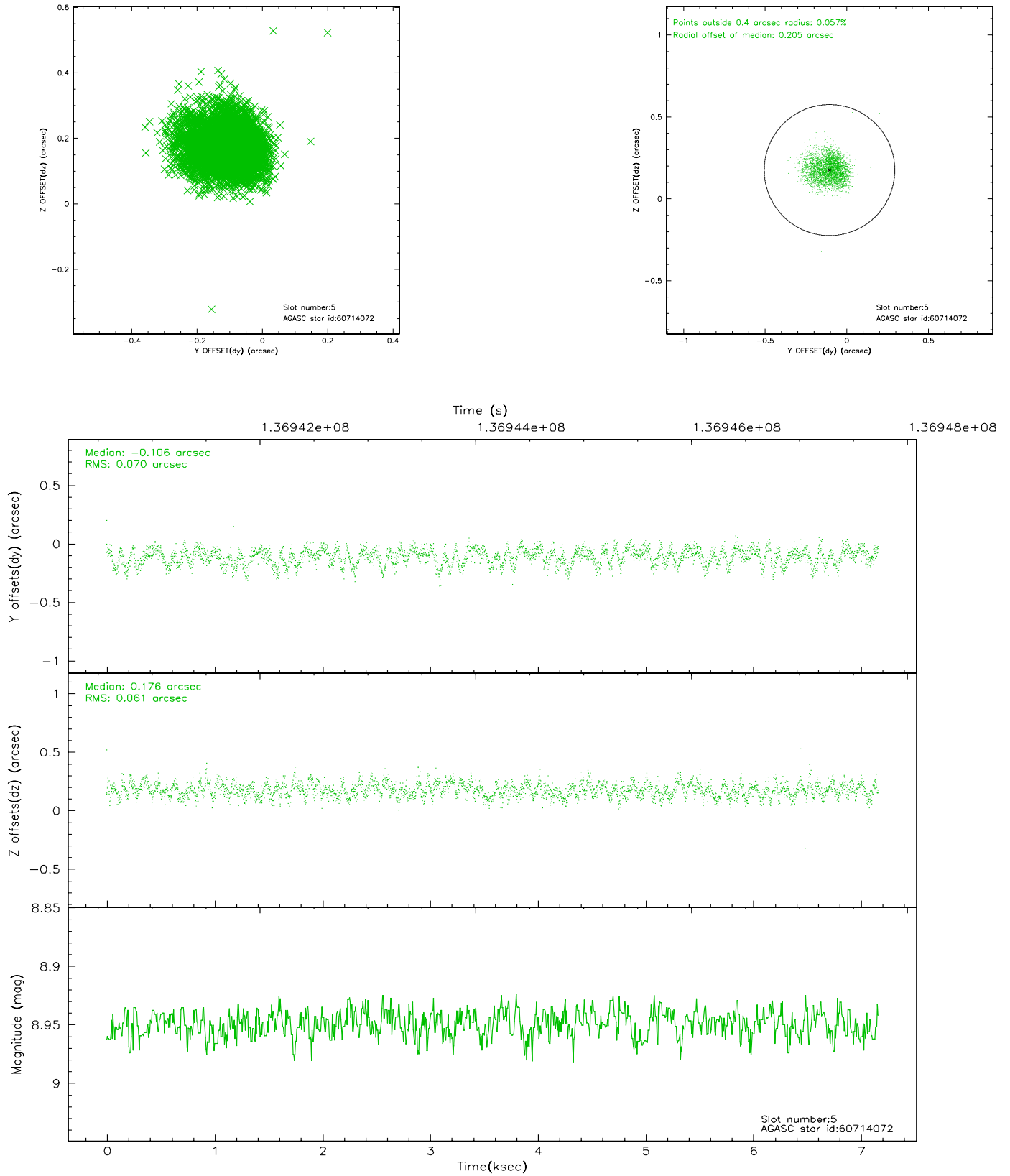
2.4.1 Slot 3



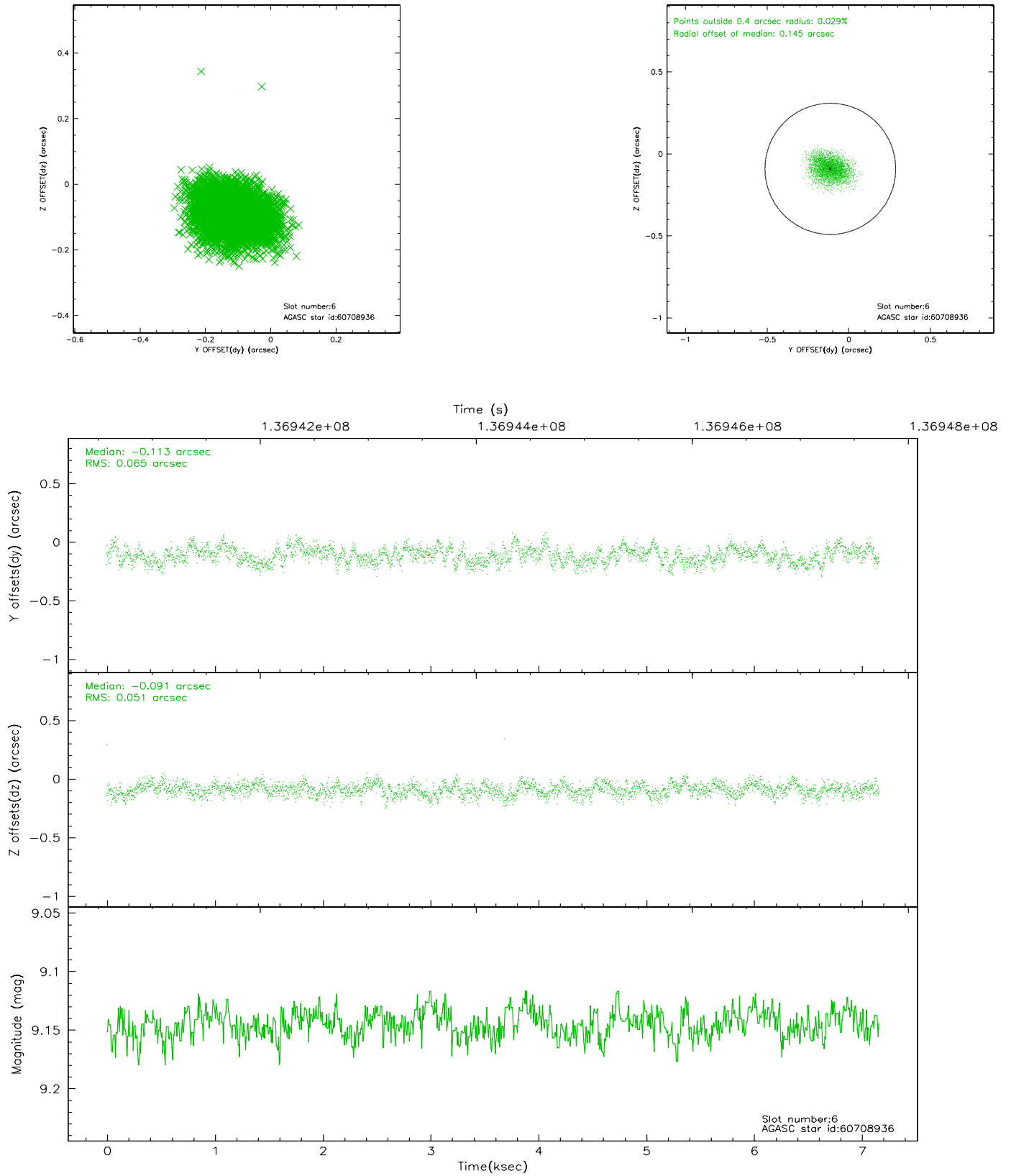
2.4.2 Slot 4



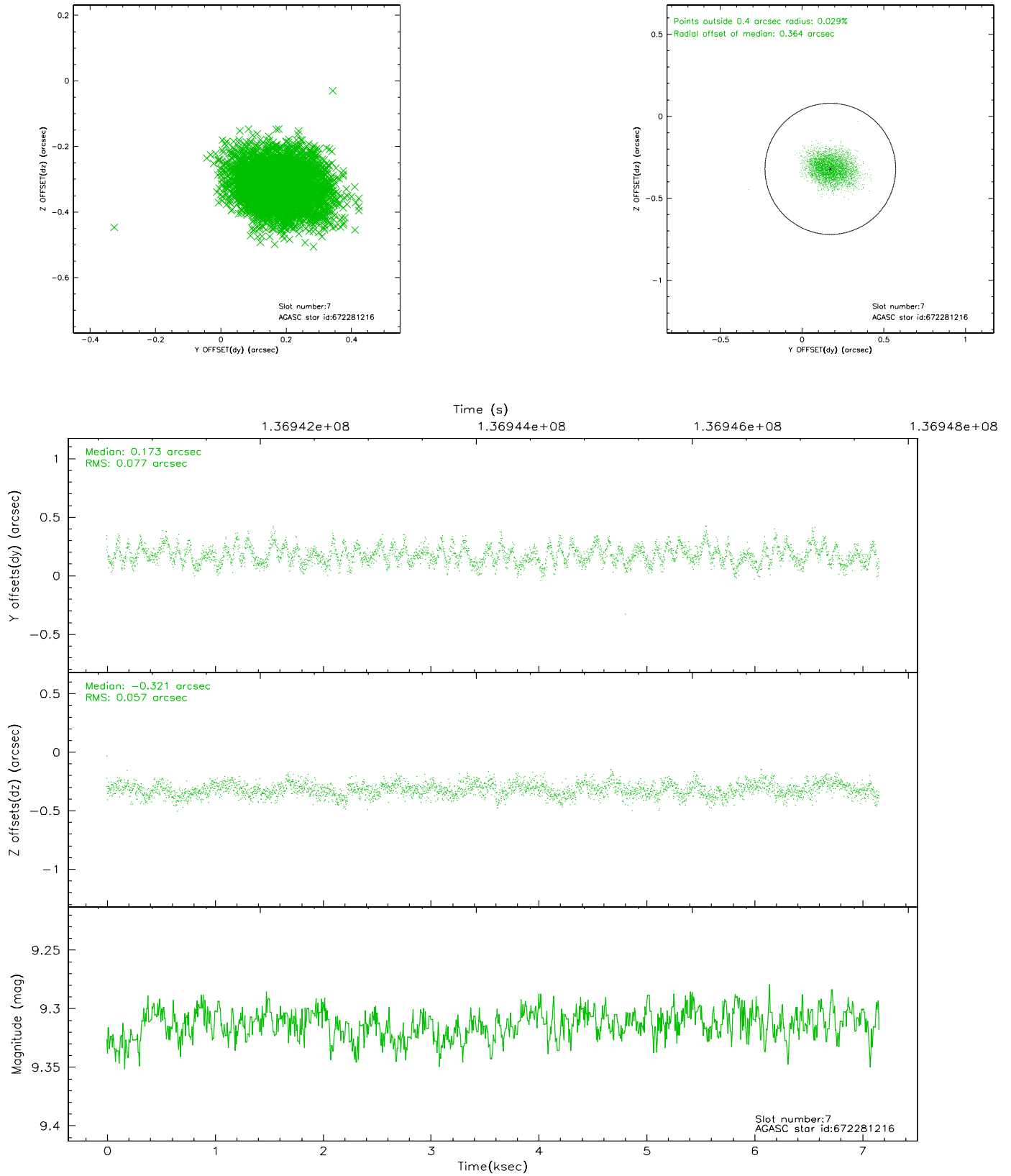
2.4.3 Slot 5



2.4.4 Slot 6

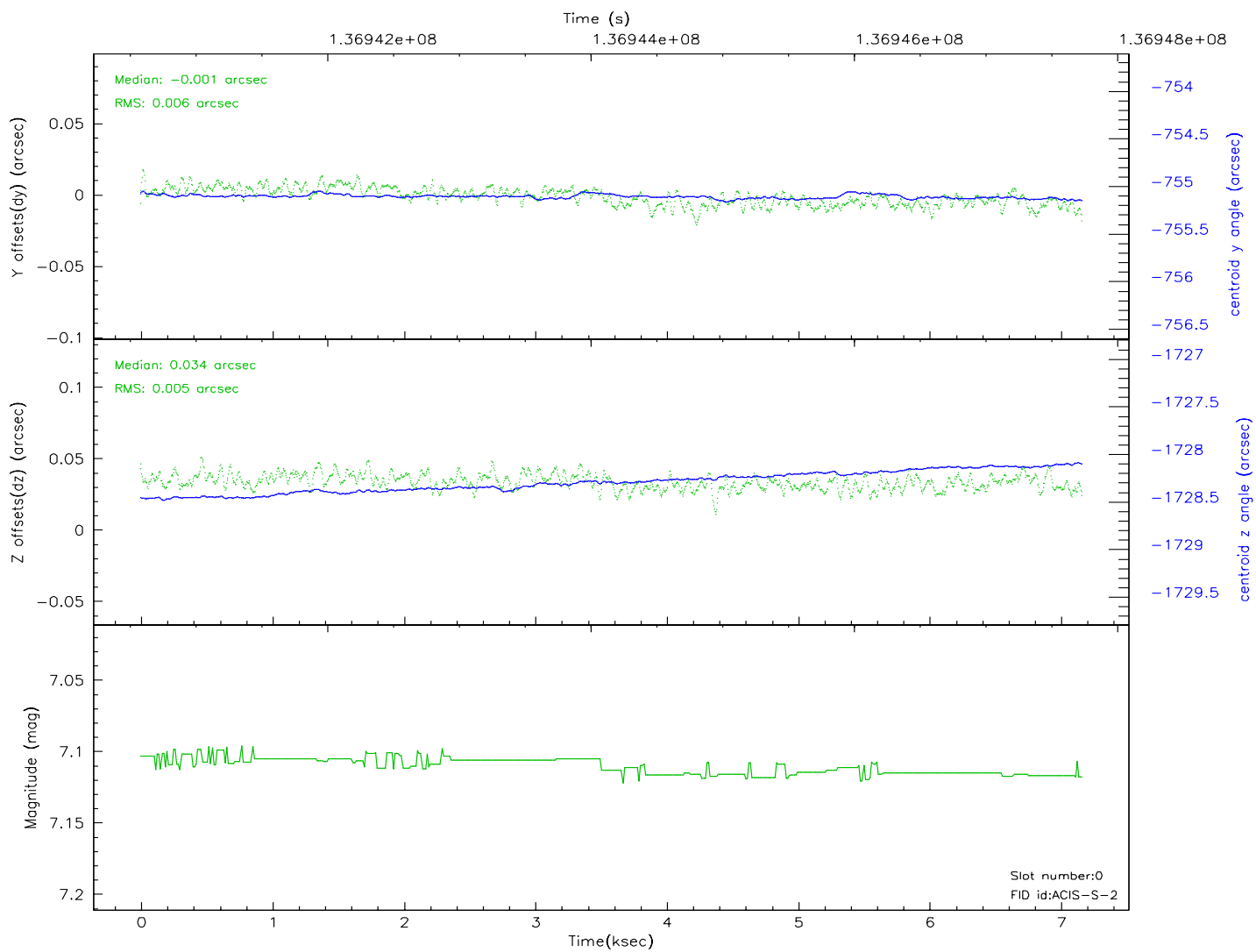
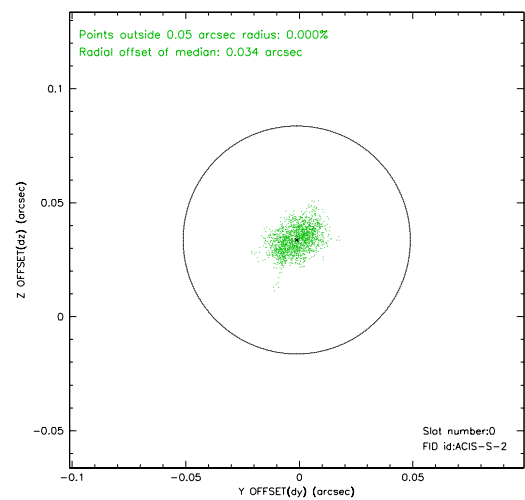
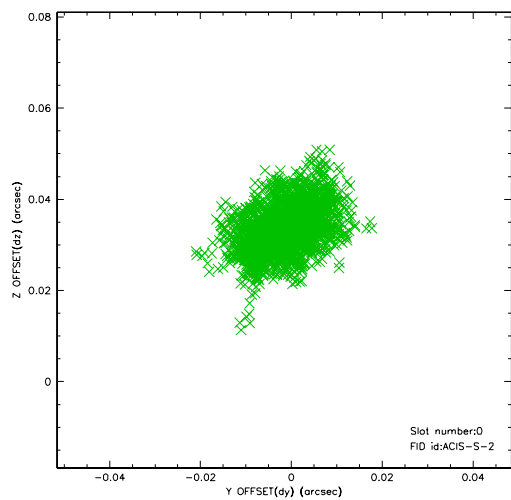


2.4.5 Slot 7

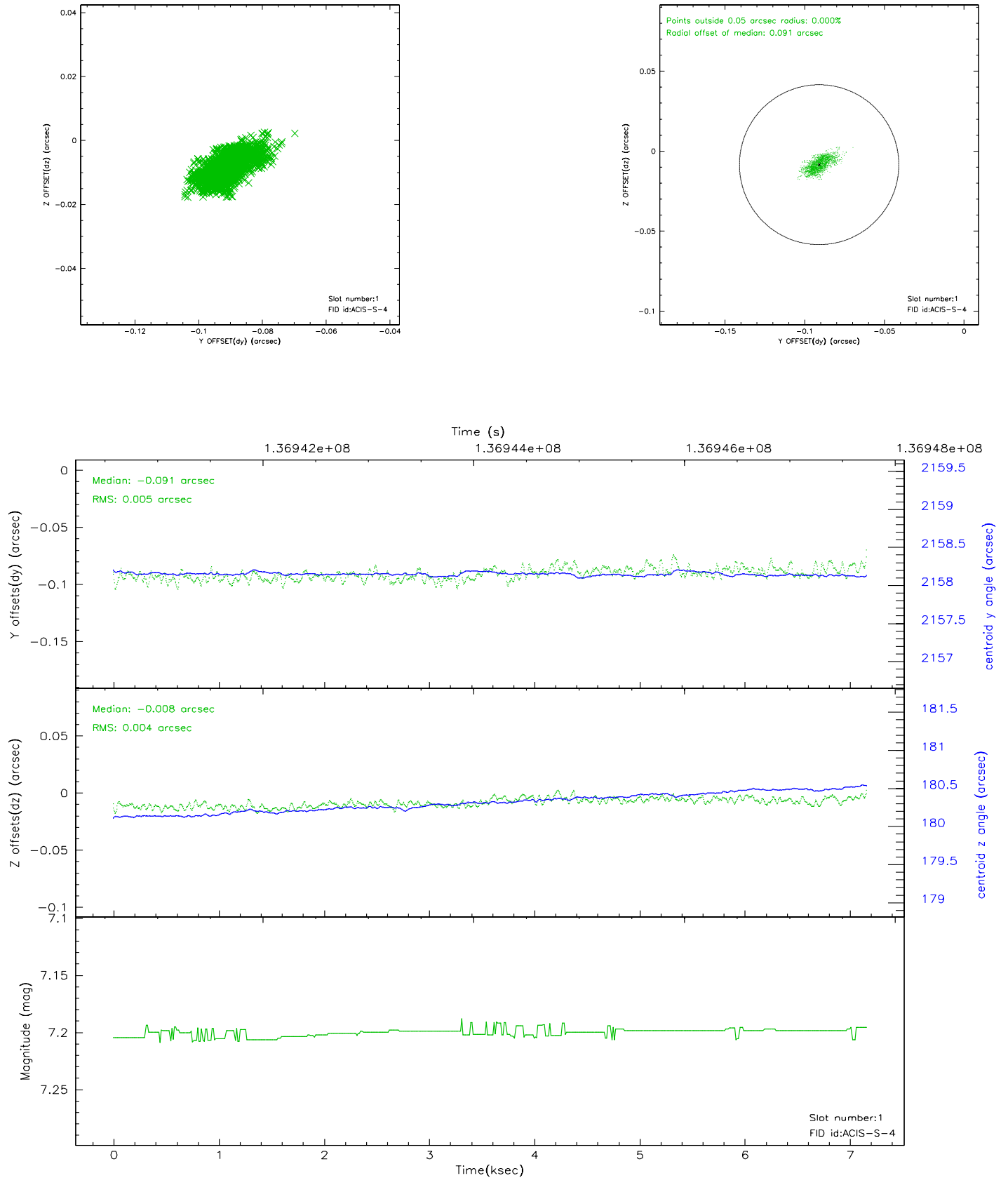


2.5 FID Slots

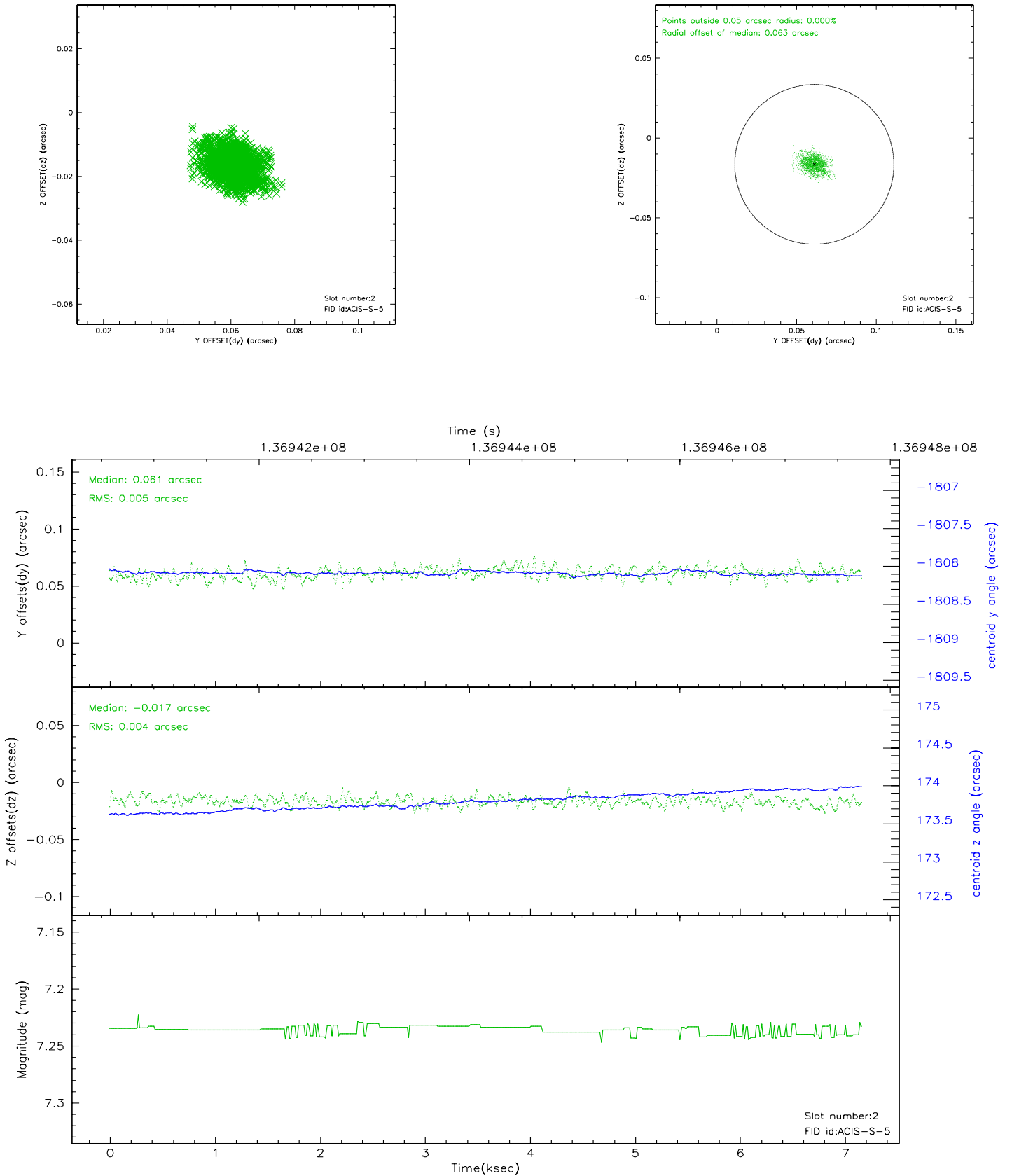
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

A Summary

A.1 Status

V&V Scientist	Doug Morgan
V&V Date (YYYY-MM-DD)	2006.09.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.16

A.2 Comments