

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1973 - L2 Version 001
Chandra X-Ray Center

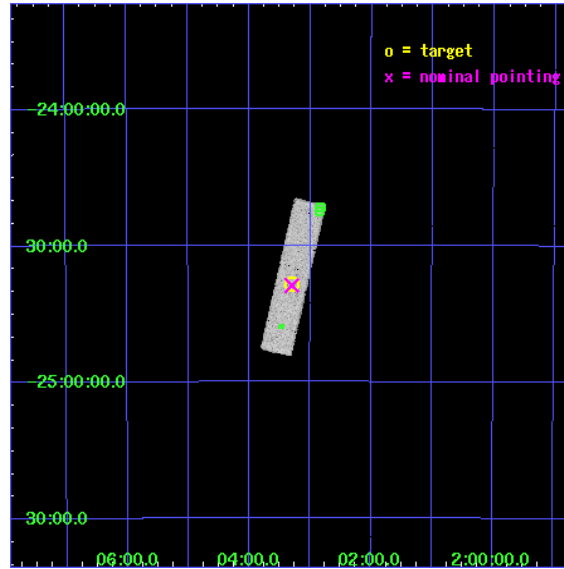
L2 Processing Date : Nov 4 2006

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1 Front

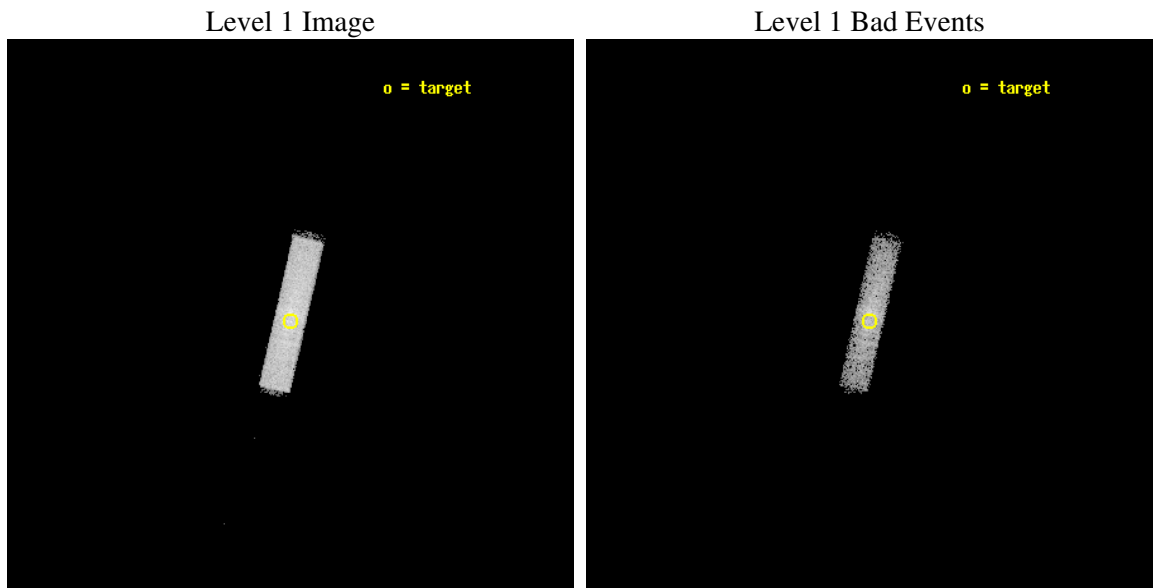
seq_num	500150
obs_id	1973
title	SEARCH FOR THE BRIGHTEST ISOLATED NEUTRON STARS
observer	Prof. Robert Rutledge
object	1RXSJ0203-2438
ra_targ	30.822917
dec_targ	-24.642222
ra_nom	30.824862911819
dec_nom	-24.646539520351
roll_nom	282.88914644785
revision	4
ontime	912.25003510714
livetime	909.80659529397
l2events	20774



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-11-04T10:35:13
revision	4

sched_exp_time	1000.000000
ontime	966.57503719628
l1events	38678

2.1.3 Events

Level 1 Events

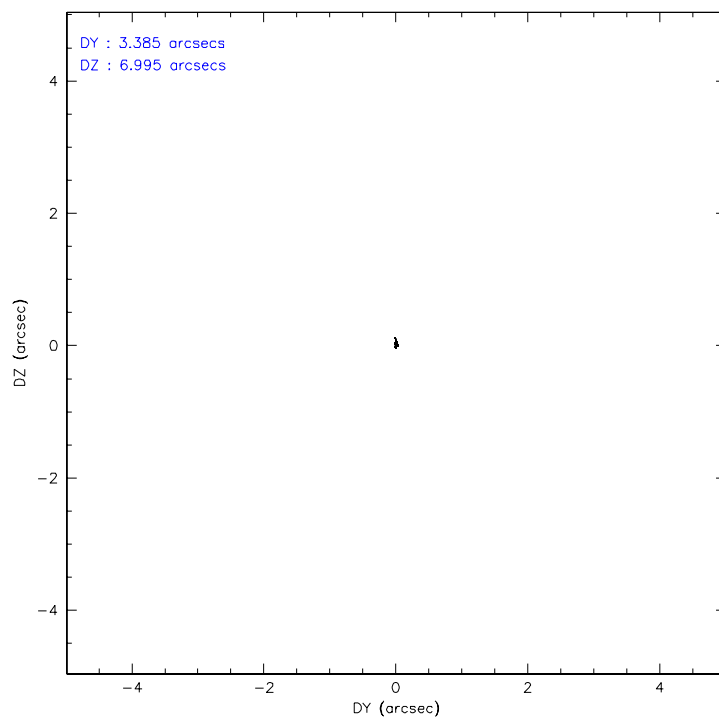
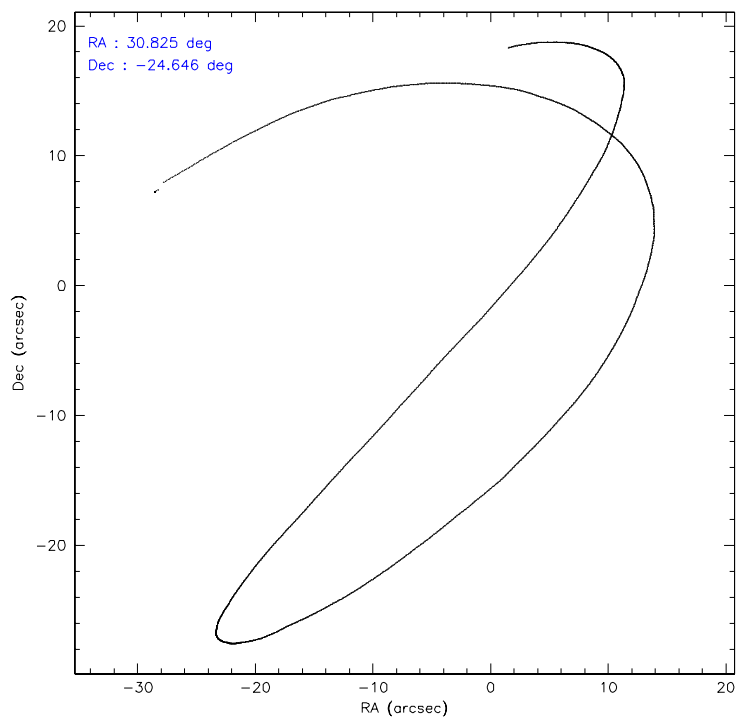
	segment 1	segment 2	segment 3
level 1 events	63	38613	2
rejected events	58	16072	2
rejected %	92%	41%	100%

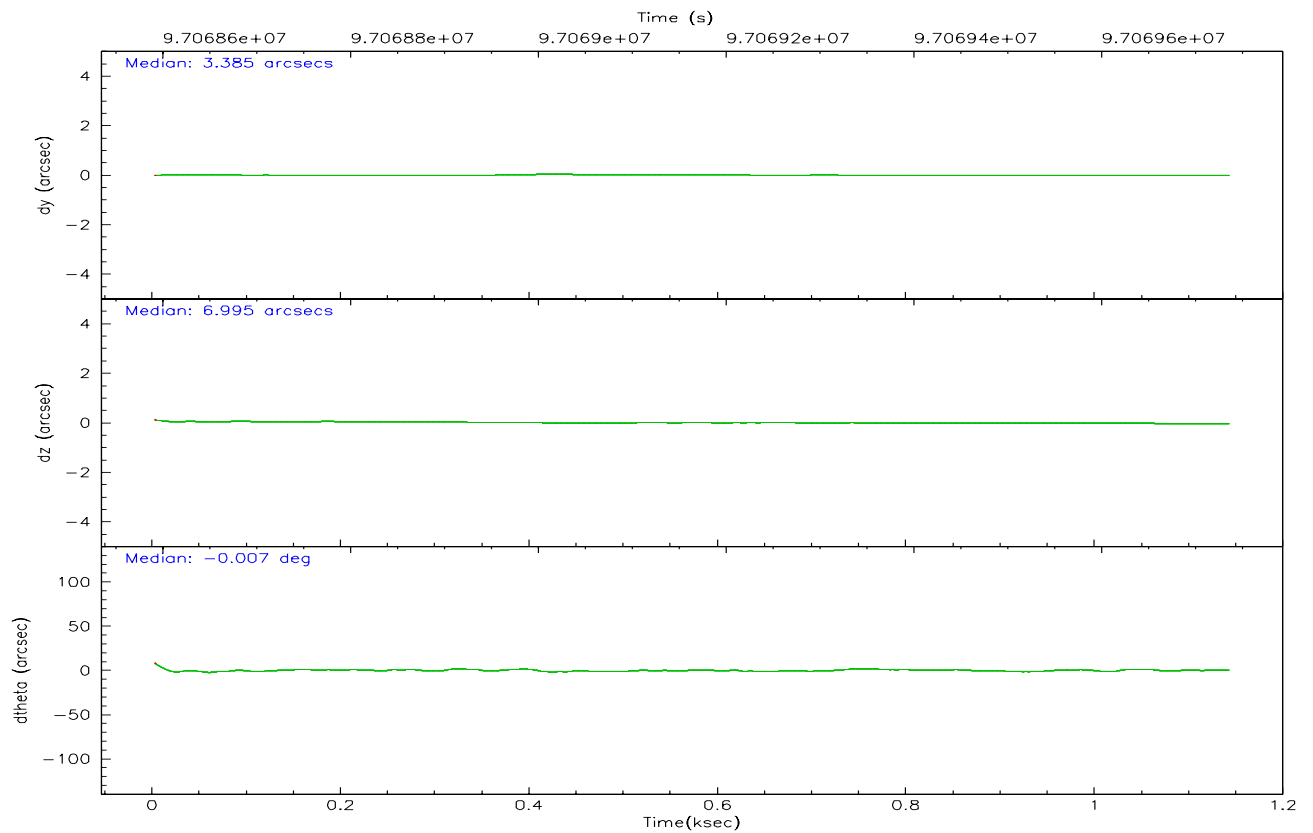
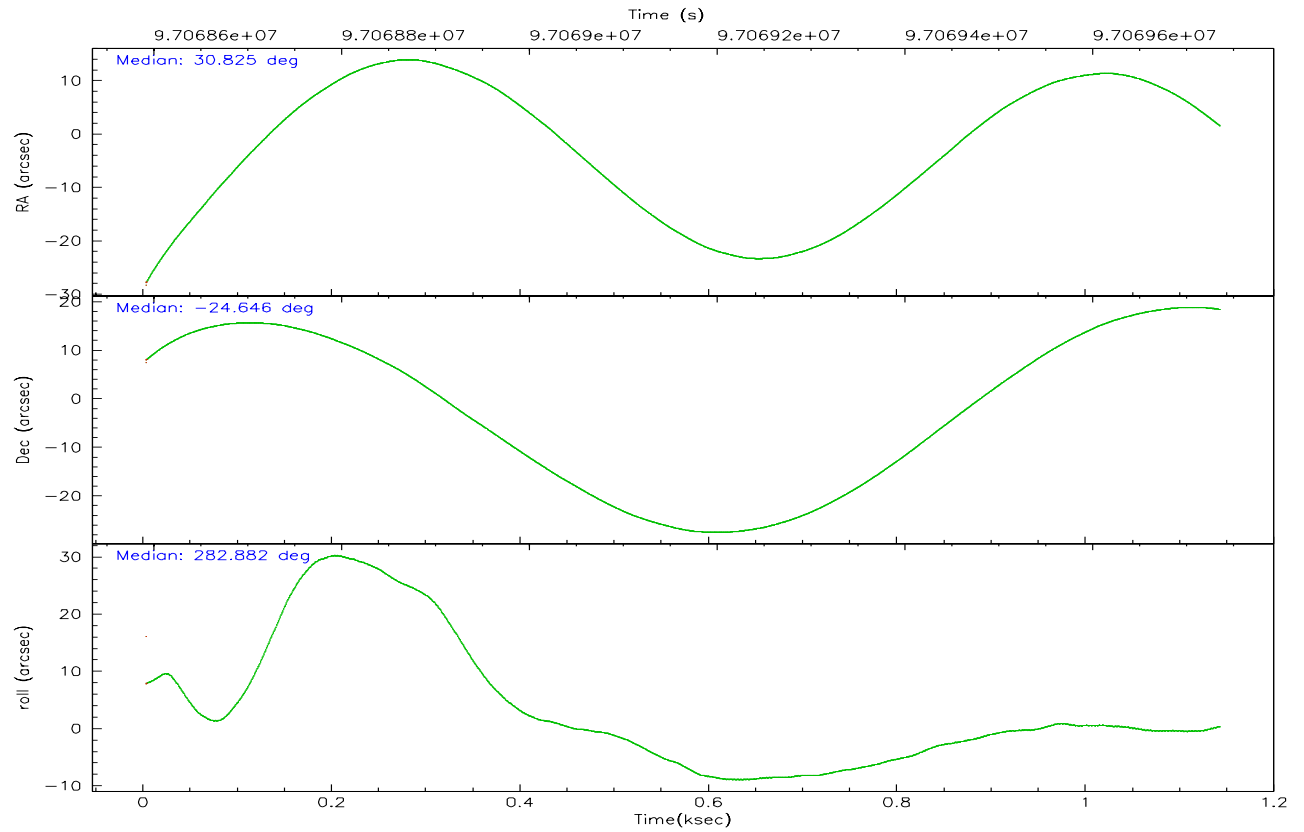
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	30.801391	30.82486291181864
Pointing Dec	-24.626851	-24.64653952035082
Pointing Roll	282.811921	282.8891464478481
SIM focus pos (mm)	-1.529586	-1.523540733526241
SIM defocus (mm)	0.003750771043328743	0.009795905878055677
SIM translation stage pos (mm)	250.455976	250.466033080201
SIM translation stage offset (mm)	0	-0.01005468664627074
Observation start time	97068735.184000	97067968.204914
Observation start date	2001-01-28T11:31:11	2001-01-28T11:19:28
Observation end time	97069735.184000	97070080.21749499
Observation end date	2001-01-28T11:47:51	2001-01-28T11:54:40

Parameter	Planned	Actual
Obspar format version number	6	6
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



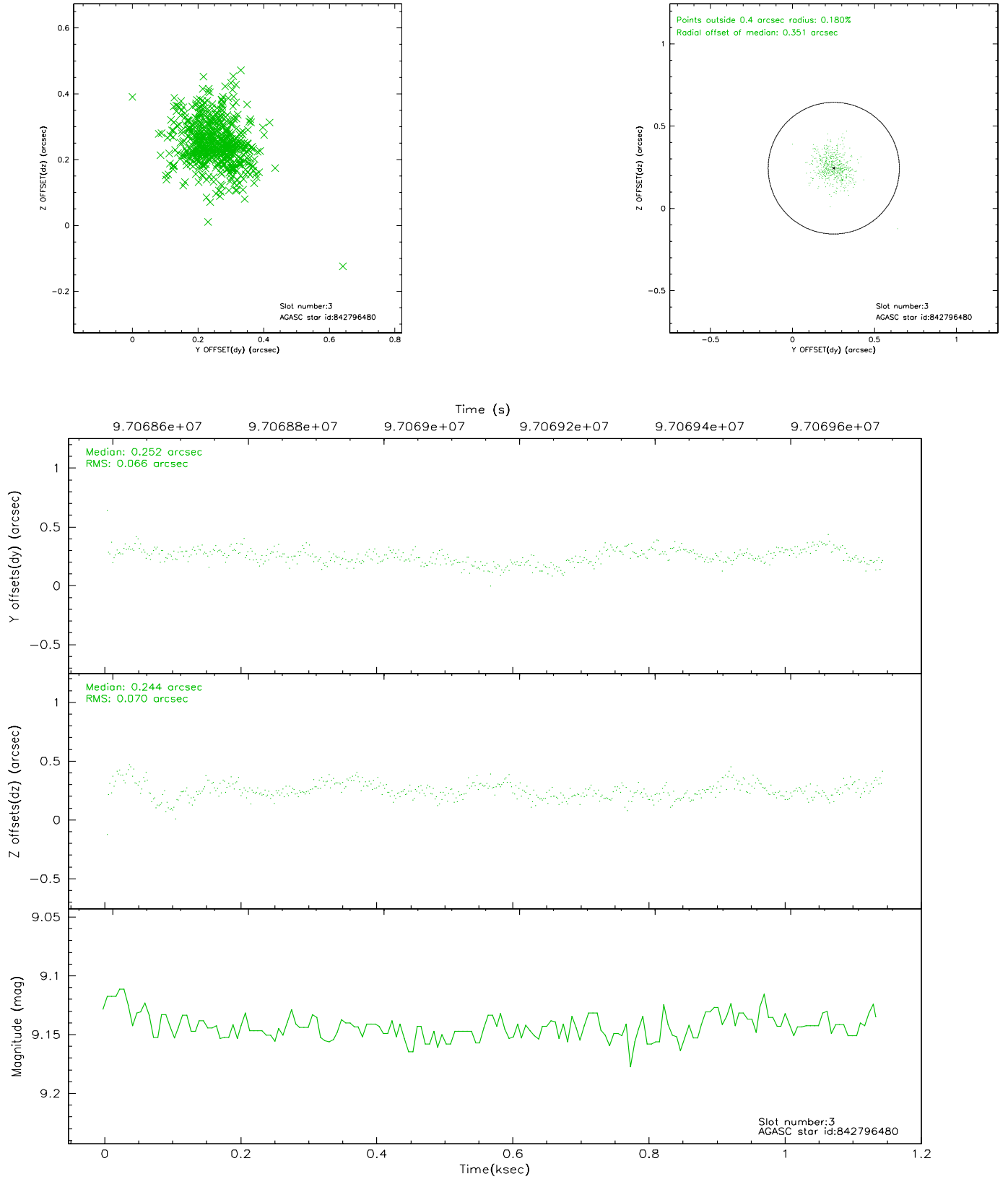


Slot Statistics

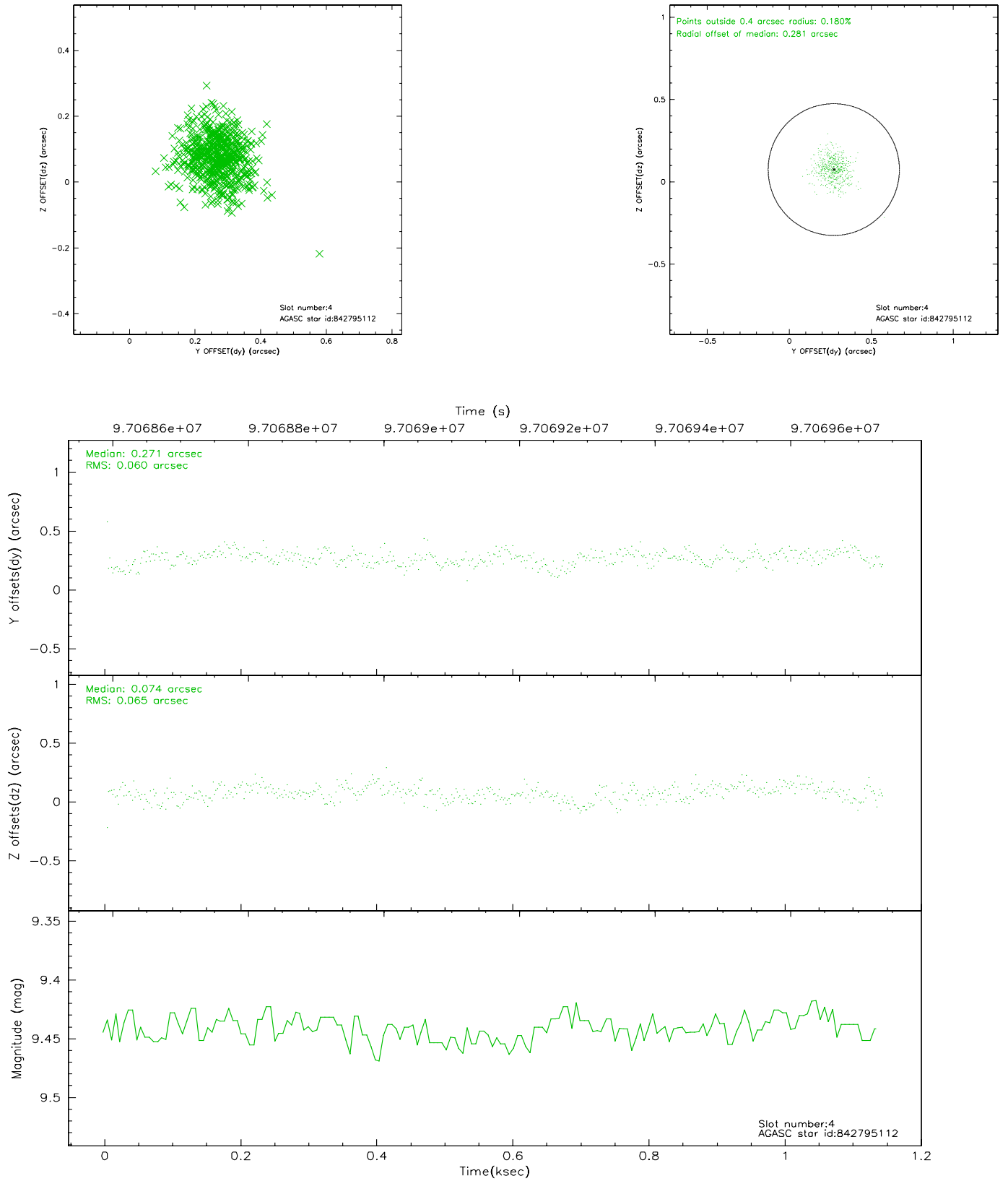
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	278	0.102	-0.092	0.007	0.011	0.000000	0.000000	-1157.43	-455.58
1	FID	HRC-S-3	7.03	279	0.163	-0.117	0.008	0.012	0.000000	0.000000	-1164.30	572.28
2	FID	HRC-S-4	6.96	279	0.123	-0.088	0.005	0.010	0.000000	0.000000	1236.60	578.68
3	GUIDE	842796480	9.14	557	0.252	0.244	0.097	0.164	30.795617	-24.787340	560.87	-148.99
4	GUIDE	842795112	9.44	556	0.271	0.074	0.093	0.155	30.362801	-24.972157	899.90	-1674.76
5	BAD	842798360	10.48	536	-0.718	-0.800	0.160	0.294	31.141322	-24.874226	1119.88	878.45
6	GUIDE	842799696	9.63	557	0.043	0.163	0.099	0.166	30.680671	-24.247914	-1414.44	-85.06
7	GUIDE	842797336	10.59	549	0.128	0.280	0.214	0.345	31.198940	-24.488500	-196.30	1377.64

2.4 Star Slots

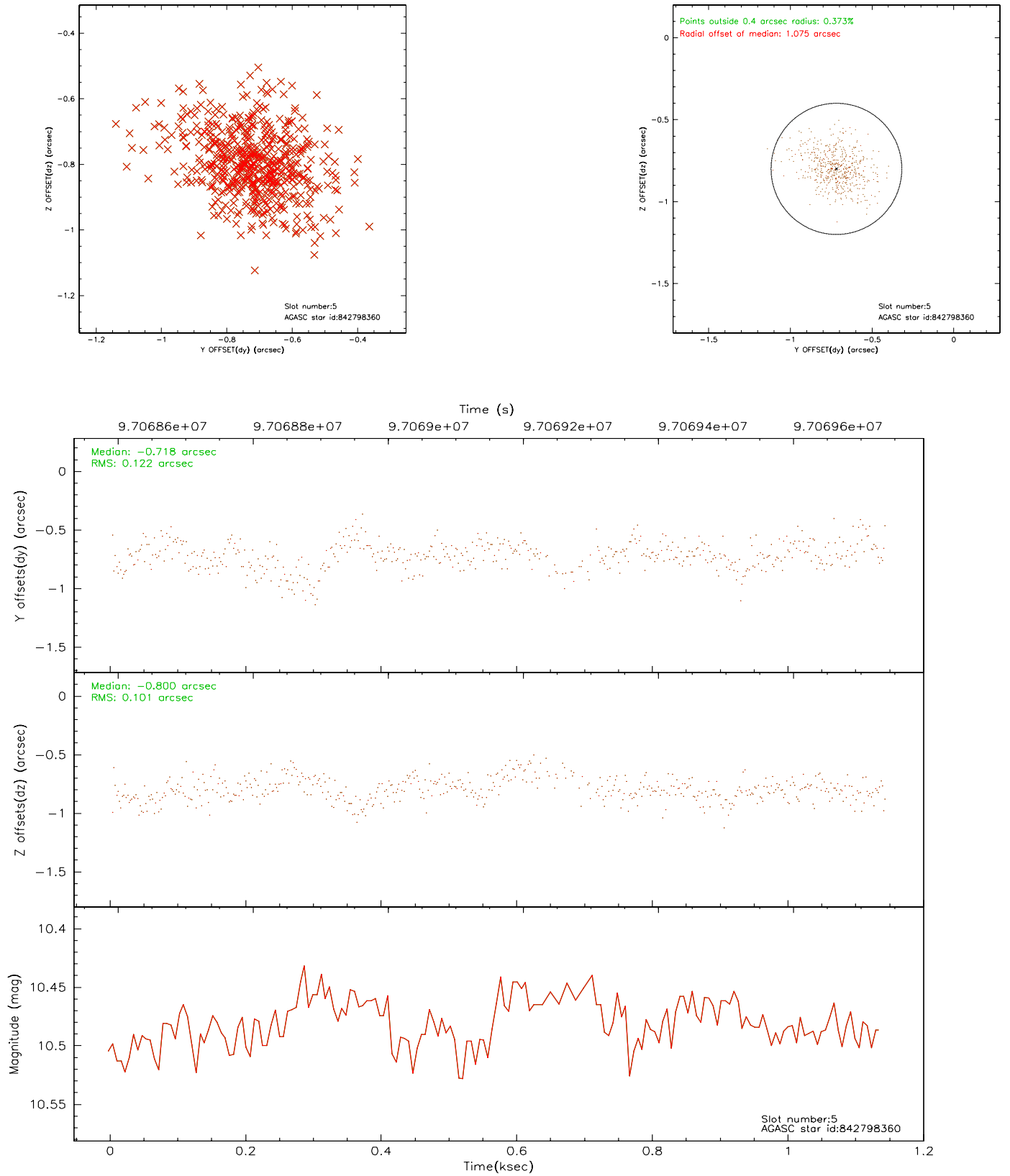
2.4.1 Slot 3



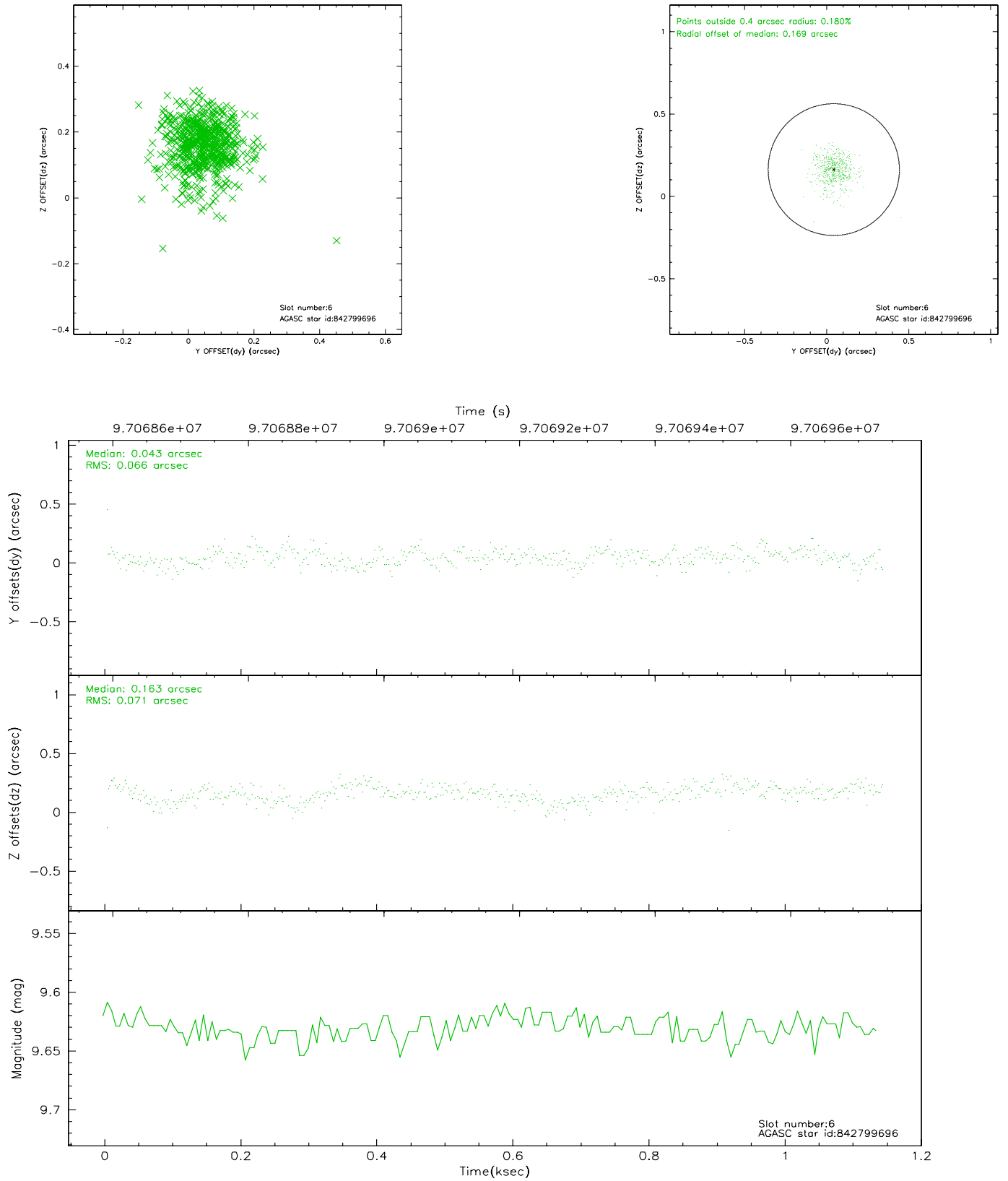
2.4.2 Slot 4



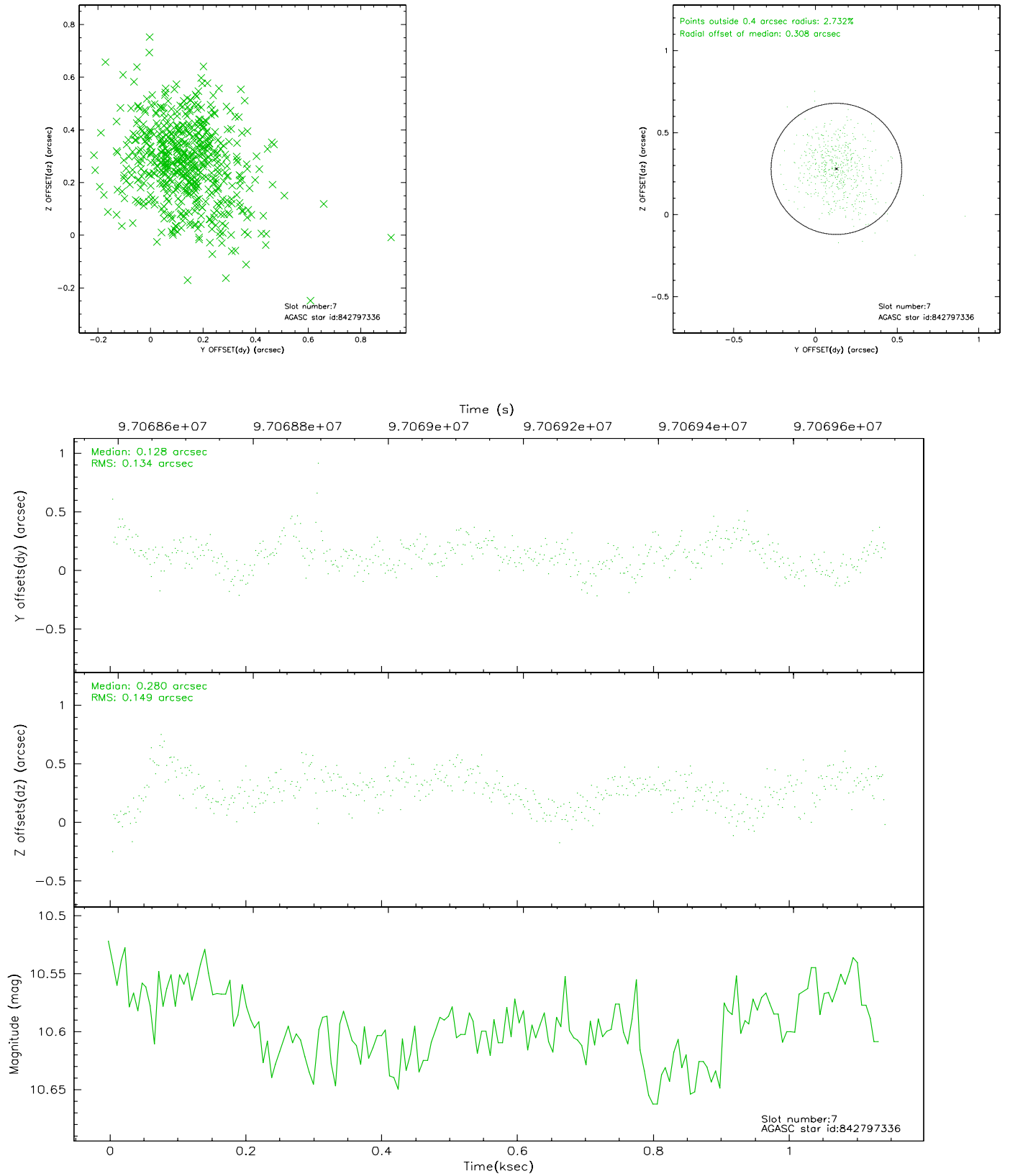
2.4.3 Slot 5



2.4.4 Slot 6

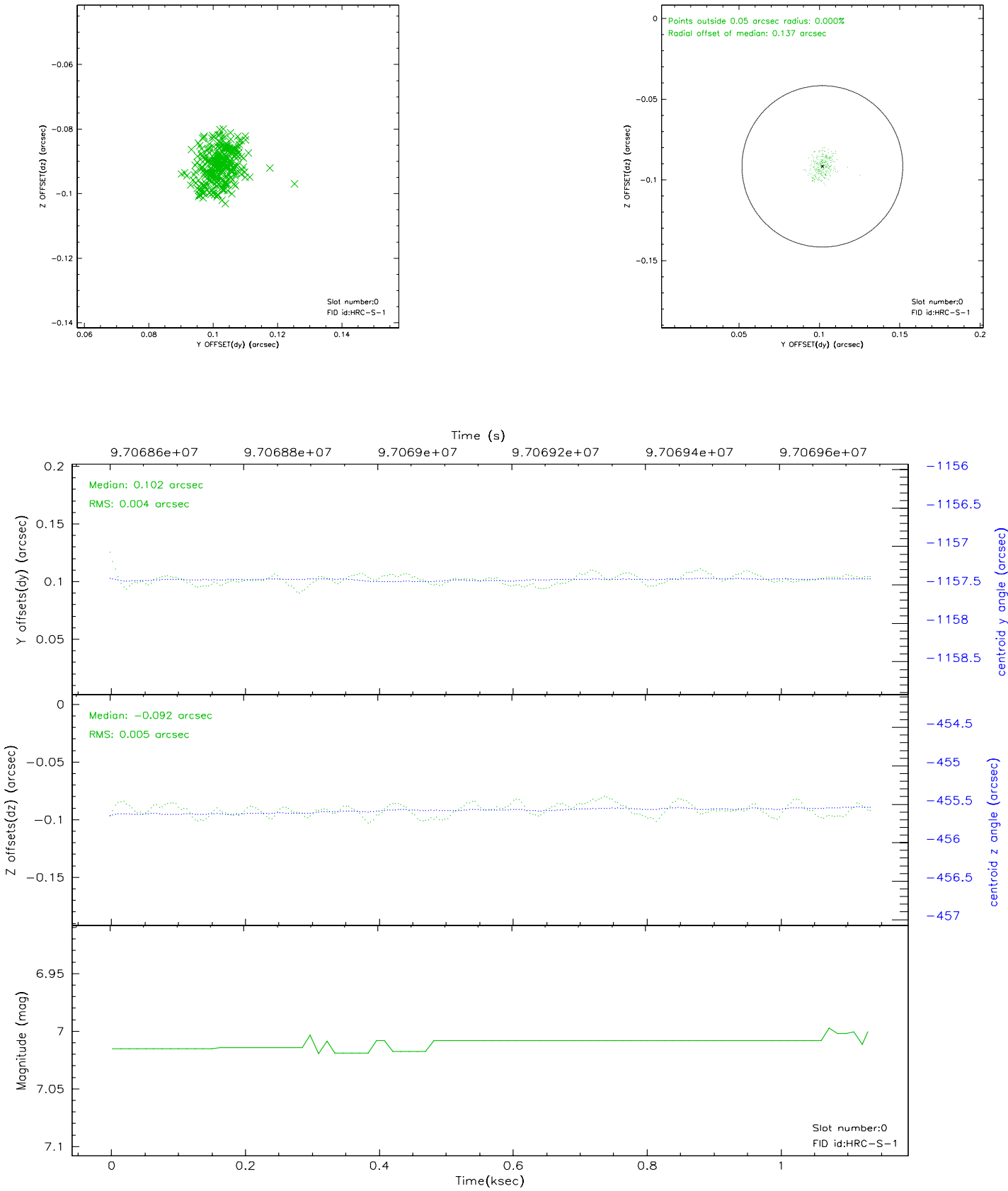


2.4.5 Slot 7

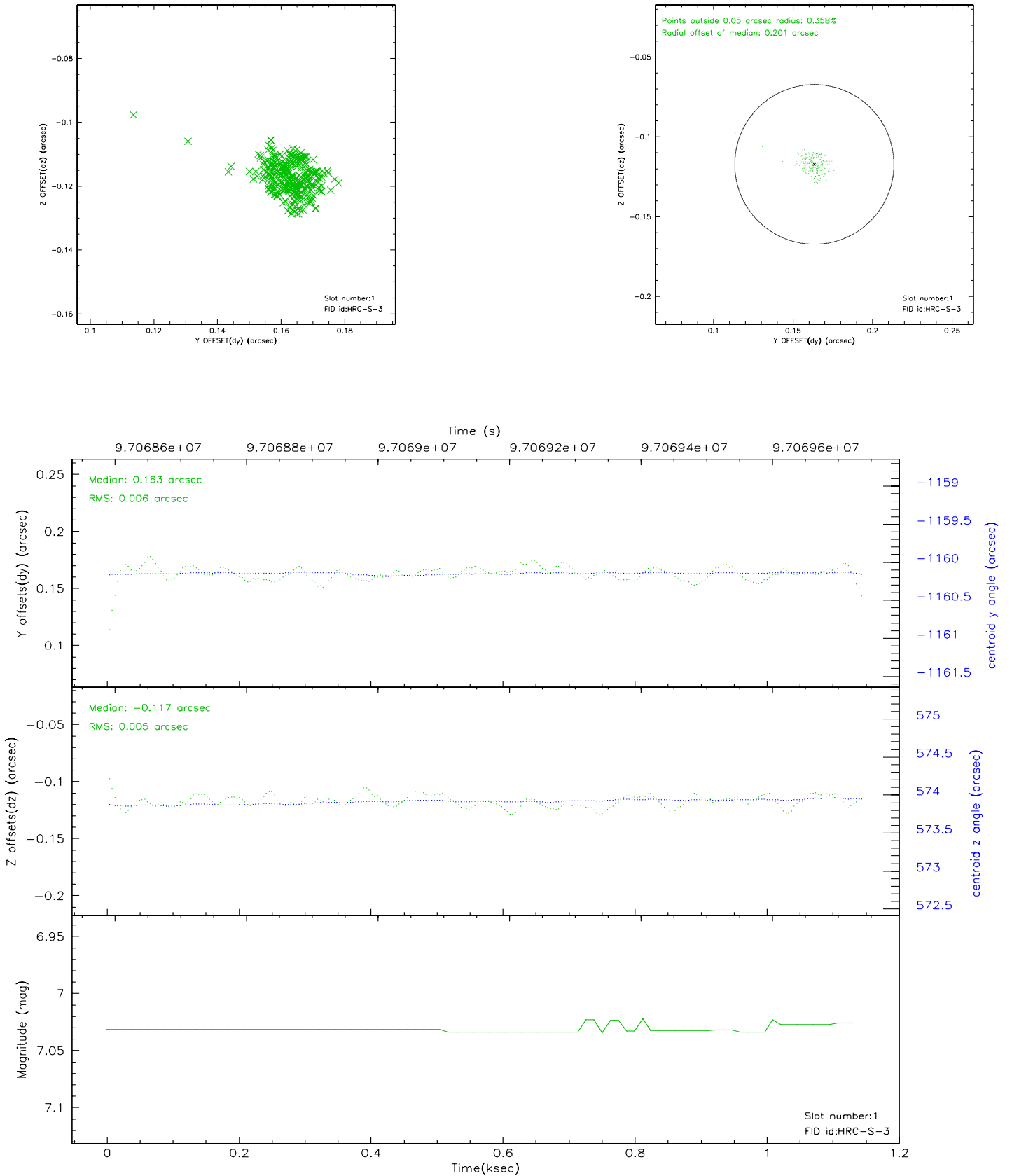


2.5 FID Slots

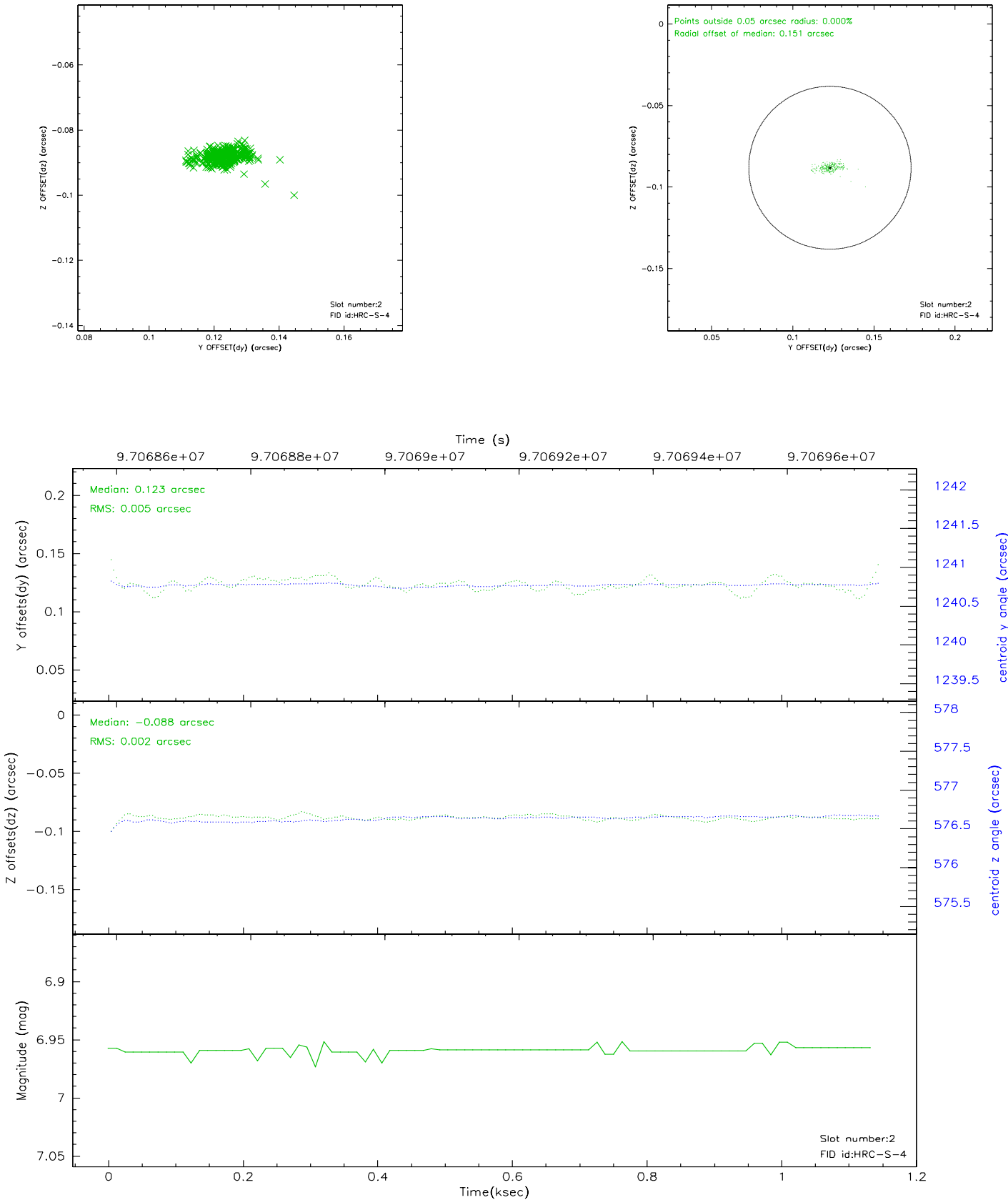
2.5.1 Slot 0



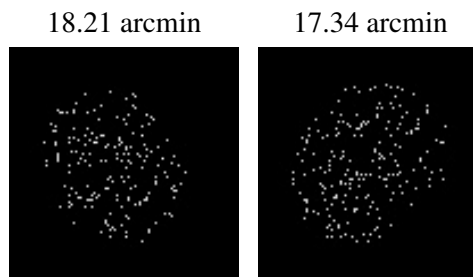
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.11.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.91

A.2 Comments

The guide star in slot 5 was removed from the aspect solution due to poor data quality. The aspect solution is not expected to be degraded by removing one guide star or fid light from the solution.