

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2659 - L2 Version 001
Chandra X-Ray Center

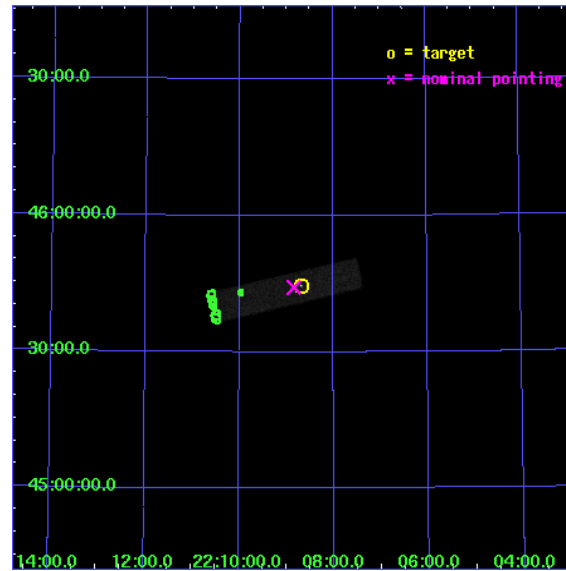
L2 Processing Date : Sep 30 2006

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1 Front

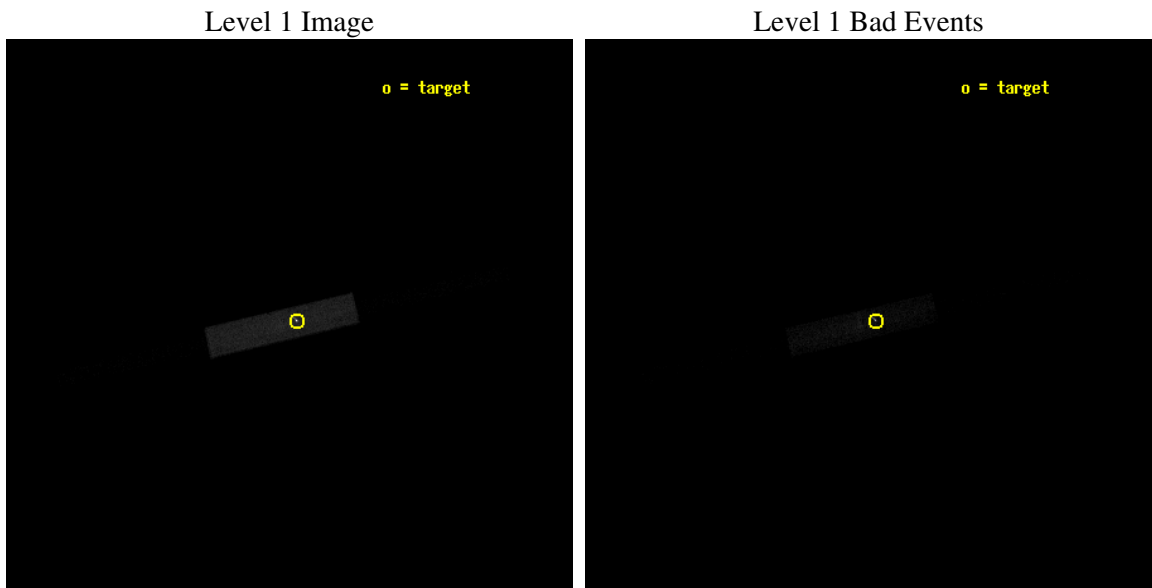
seq_num	290215
obs_id	2659
title	AO3B HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.20975478341
dec_nom	45.736913535454
roll_nom	166.76580448089
revision	2
ontime	1141.0812969506
livetime	1134.6624625356
l2events	46694



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	2006-09-30T13:07:36
revision	2

sched_exp_time	1000.000000
ontime	1191.3062990308
l1events	78064

2.1.3 Events

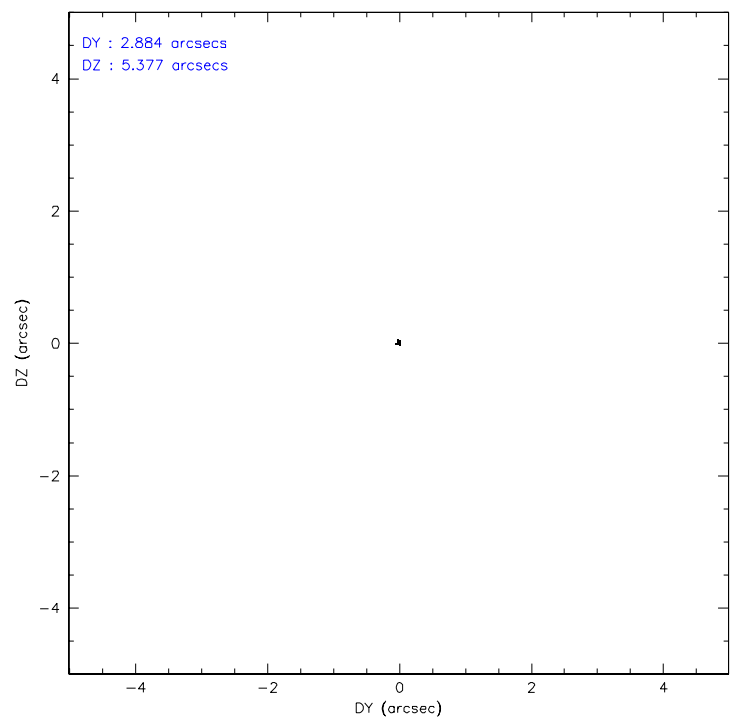
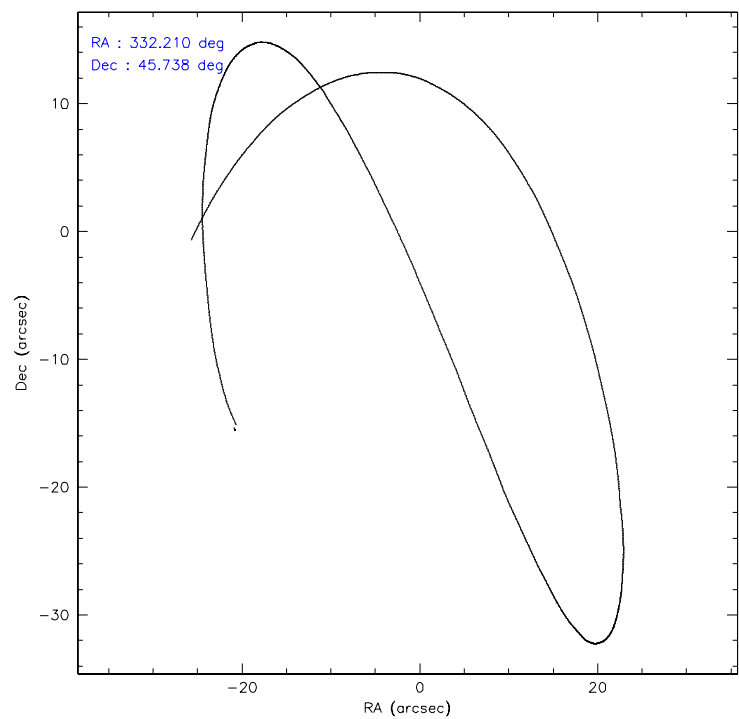
Level 1 Events

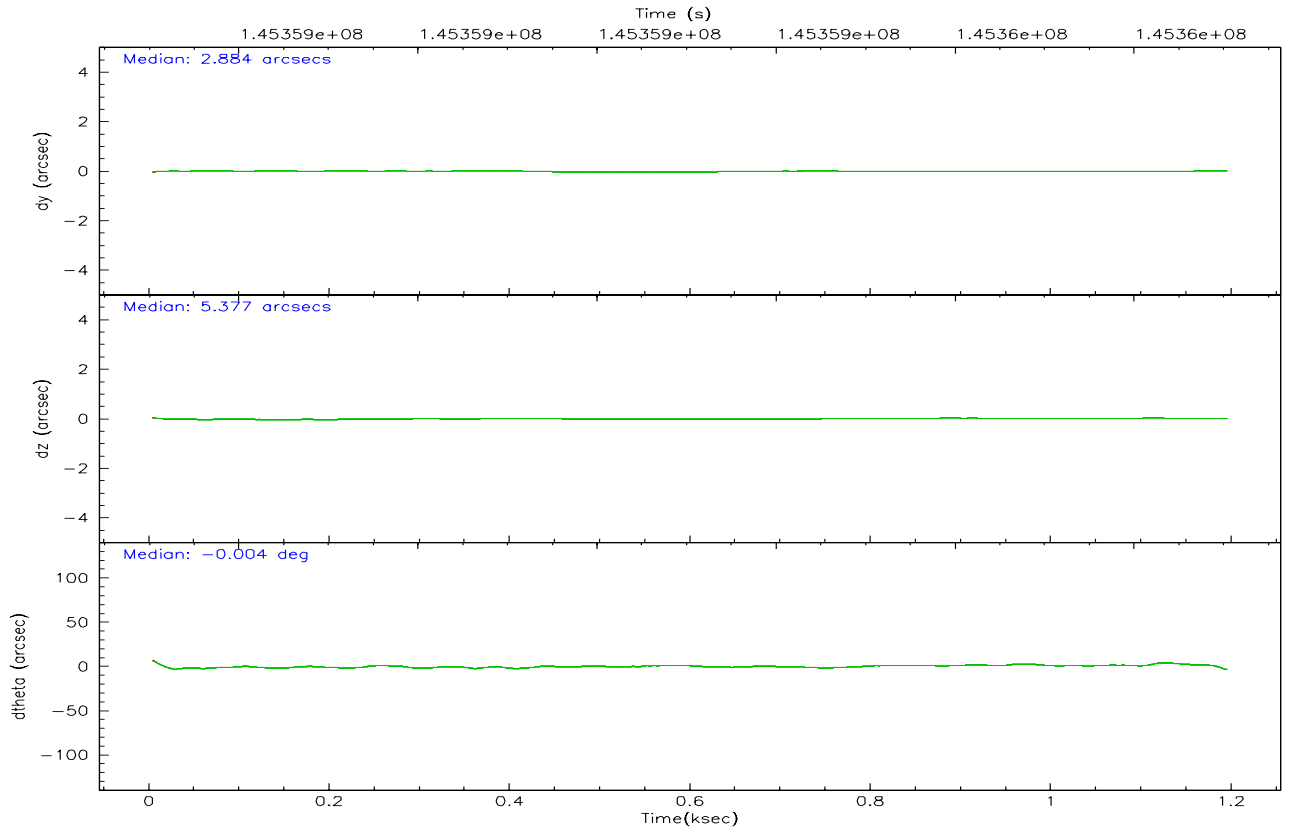
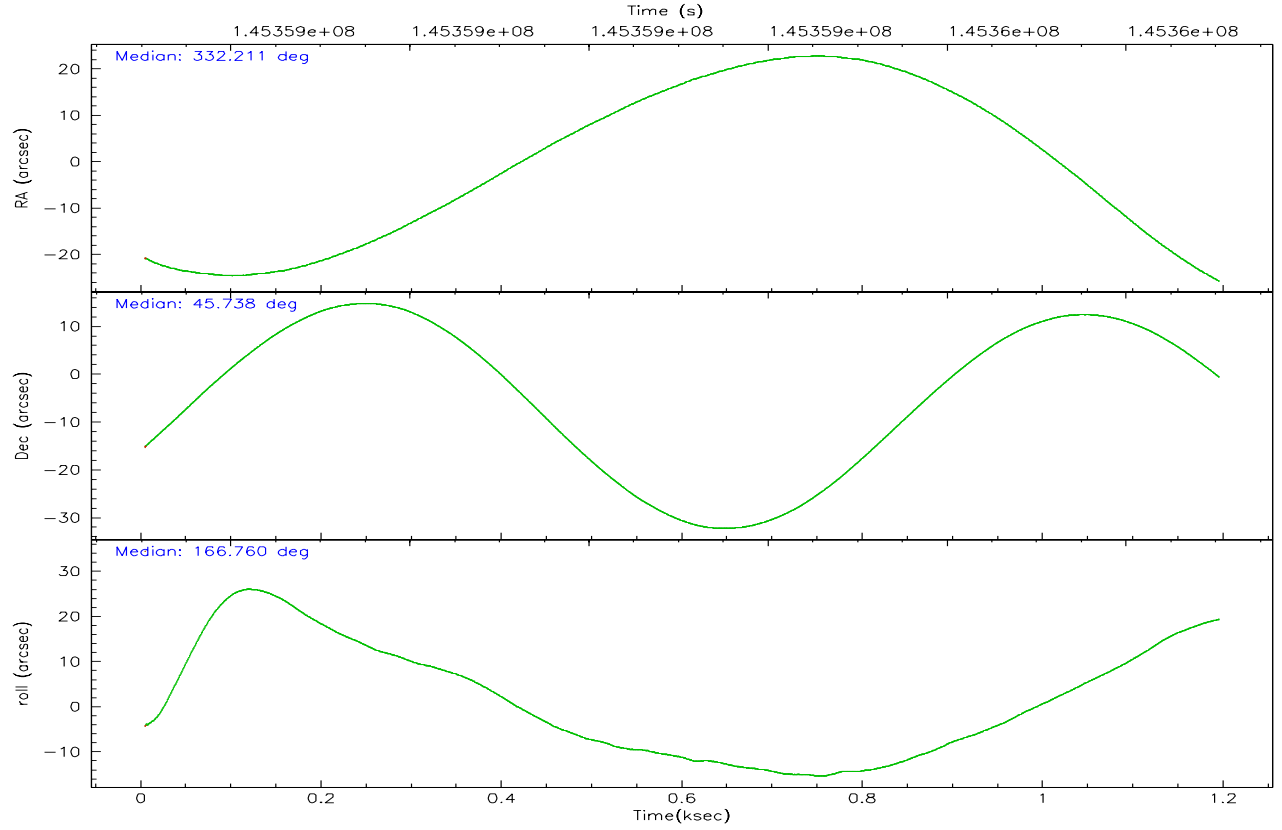
	segment 1	segment 2	segment 3
level 1 events	968	76105	991
rejected events	968	26778	991
rejected %	100%	35%	100%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	332.248599	332.2097547834131			
Pointing Dec	45.745440	45.7369135354544			
Pointing Roll	166.670897	166.765804480888			
SIM focus pos (mm)	-1.429586	-1.428180813131781			
SIM defocus (mm)	0.1037507710433287	0.1051558262725154			
SIM translation stage pos (mm)	250.455976	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	145358900.184000	145358524.52737			
Observation start date	2002-08-10T09:27:16	2002-08-10T09:22:04			
Observation end time	145359900.184000	145360034.35244			
Observation end date	2002-08-10T09:43:56	2002-08-10T09:47:14			

2.3 Aspect



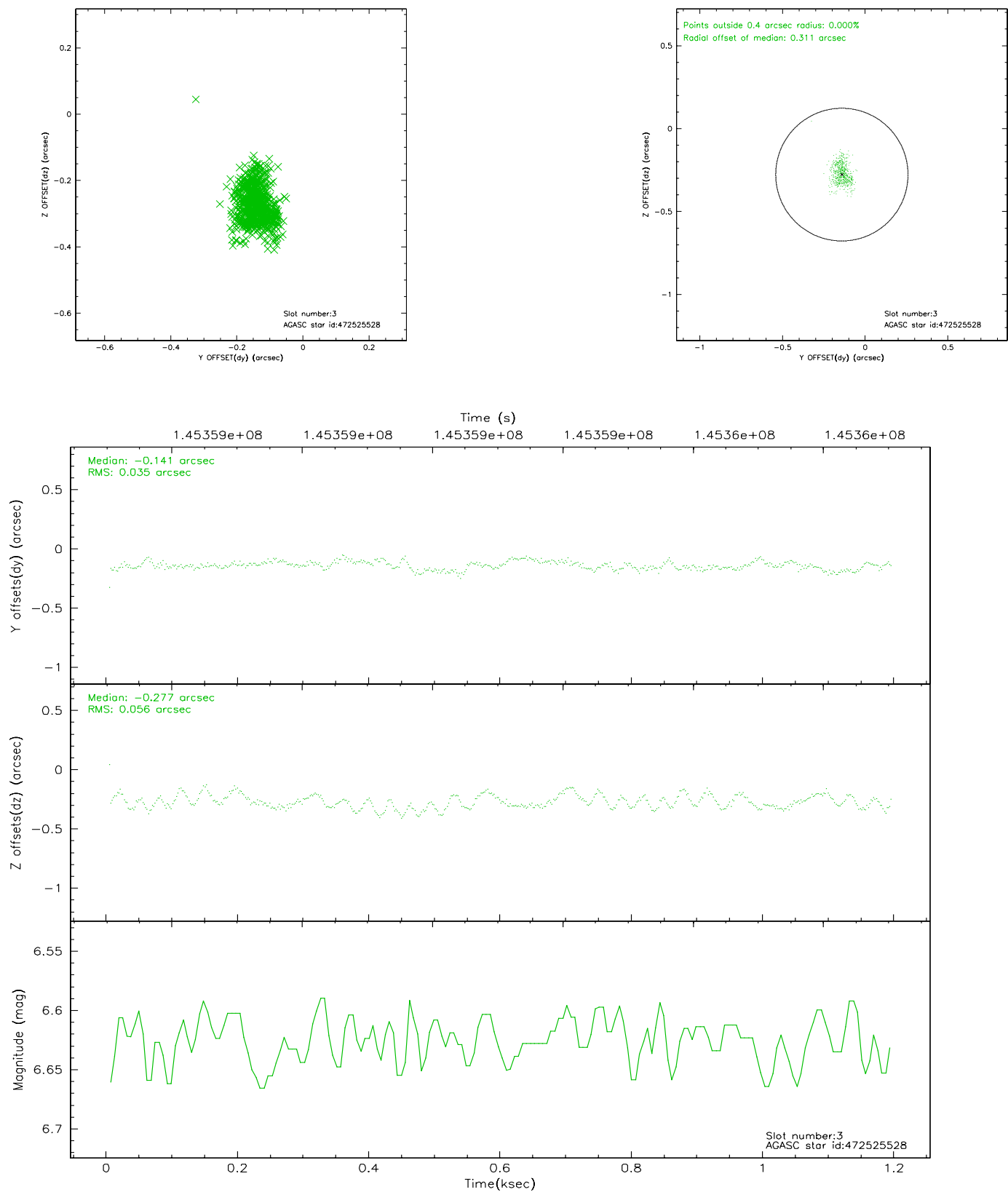


Slot Statistics

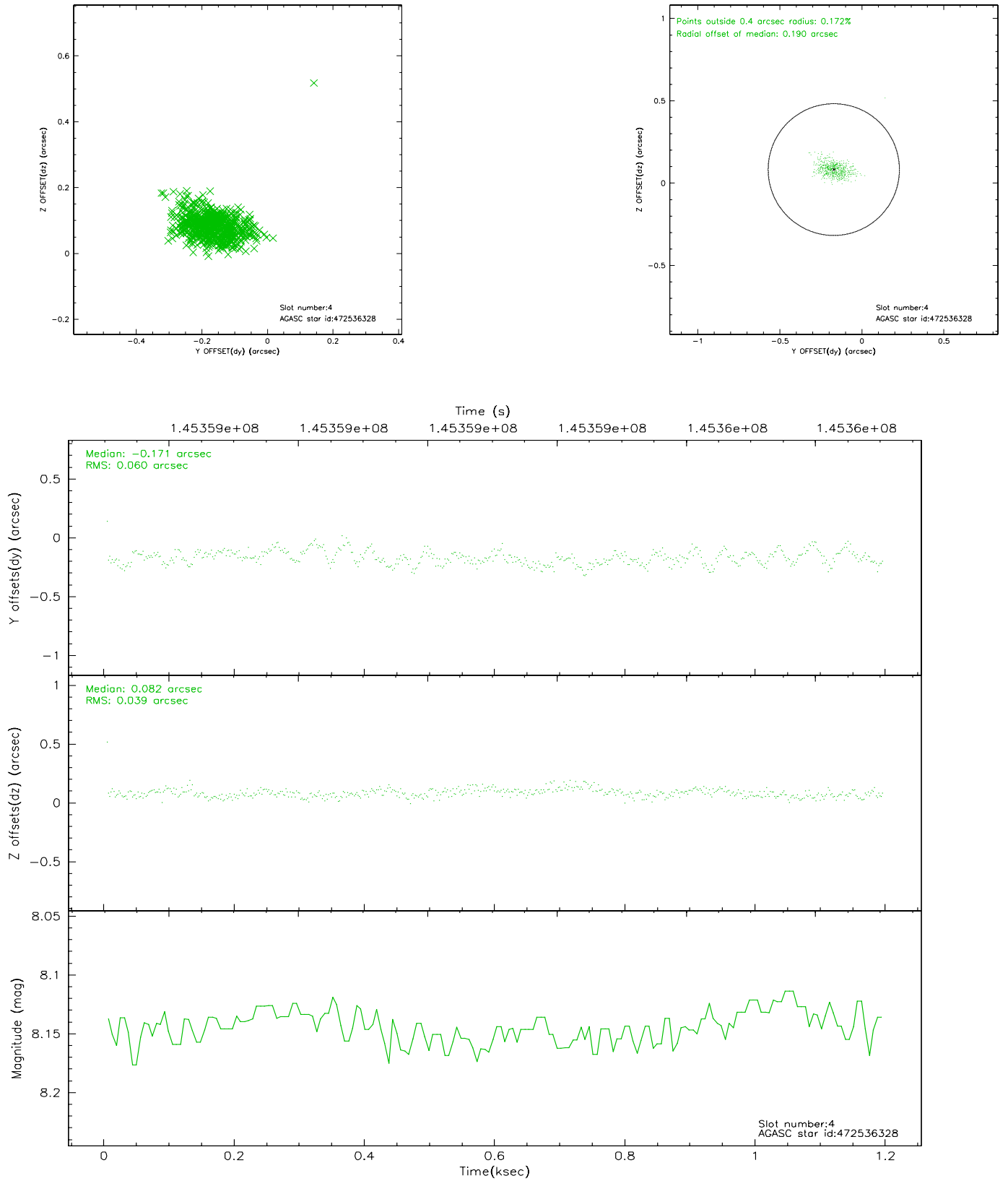
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.99	291	0.149	-0.114	0.006	0.009	0.000000	0.000000	-1156.90	-453.89
1	FID	HRC-S-2	6.99	291	0.090	-0.104	0.017	0.029	0.000000	0.000000	1238.75	-448.04
2	FID	HRC-S-4	6.94	291	0.164	-0.089	0.017	0.031	0.000000	0.000000	1245.62	576.73
3	GUIDE	472525528	6.62	582	-0.141	-0.277	0.068	0.116	331.551102	45.248694	1309.27	2143.93
4	GUIDE	472536328	8.15	582	-0.171	0.082	0.071	0.123	331.496671	46.454831	2407.71	-2055.87
5	GUIDE	472523760	8.23	582	-0.077	-0.012	0.069	0.106	331.645363	45.403260	1204.83	1545.07
6	GUIDE	472665256	9.02	582	0.120	0.259	0.112	0.222	332.808125	46.195041	-980.22	-1894.52
7	GUIDE	472646552	9.61	579	0.242	-0.048	0.107	0.183	333.120915	45.571877	-2281.87	89.83

2.4 Star Slots

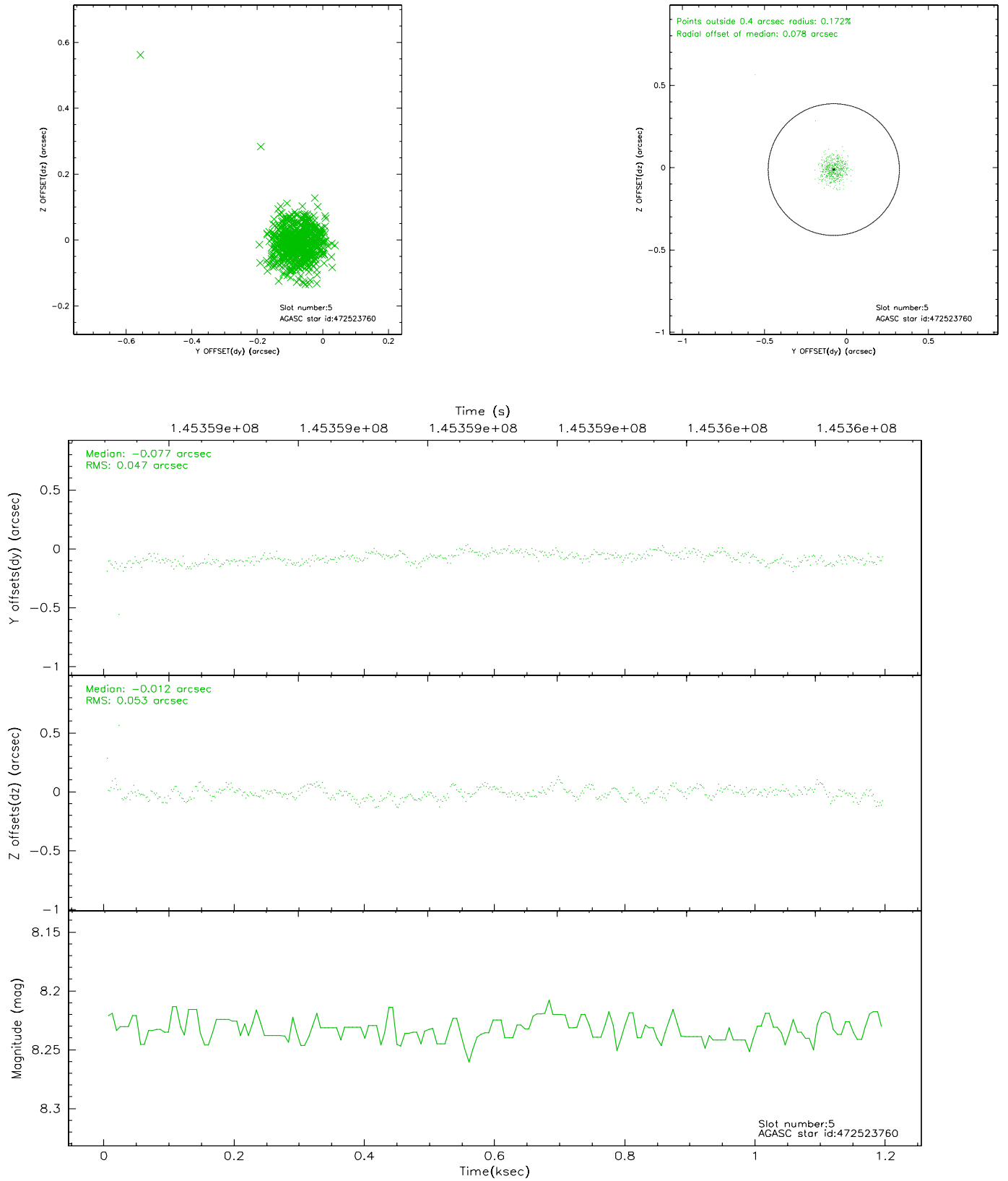
2.4.1 Slot 3



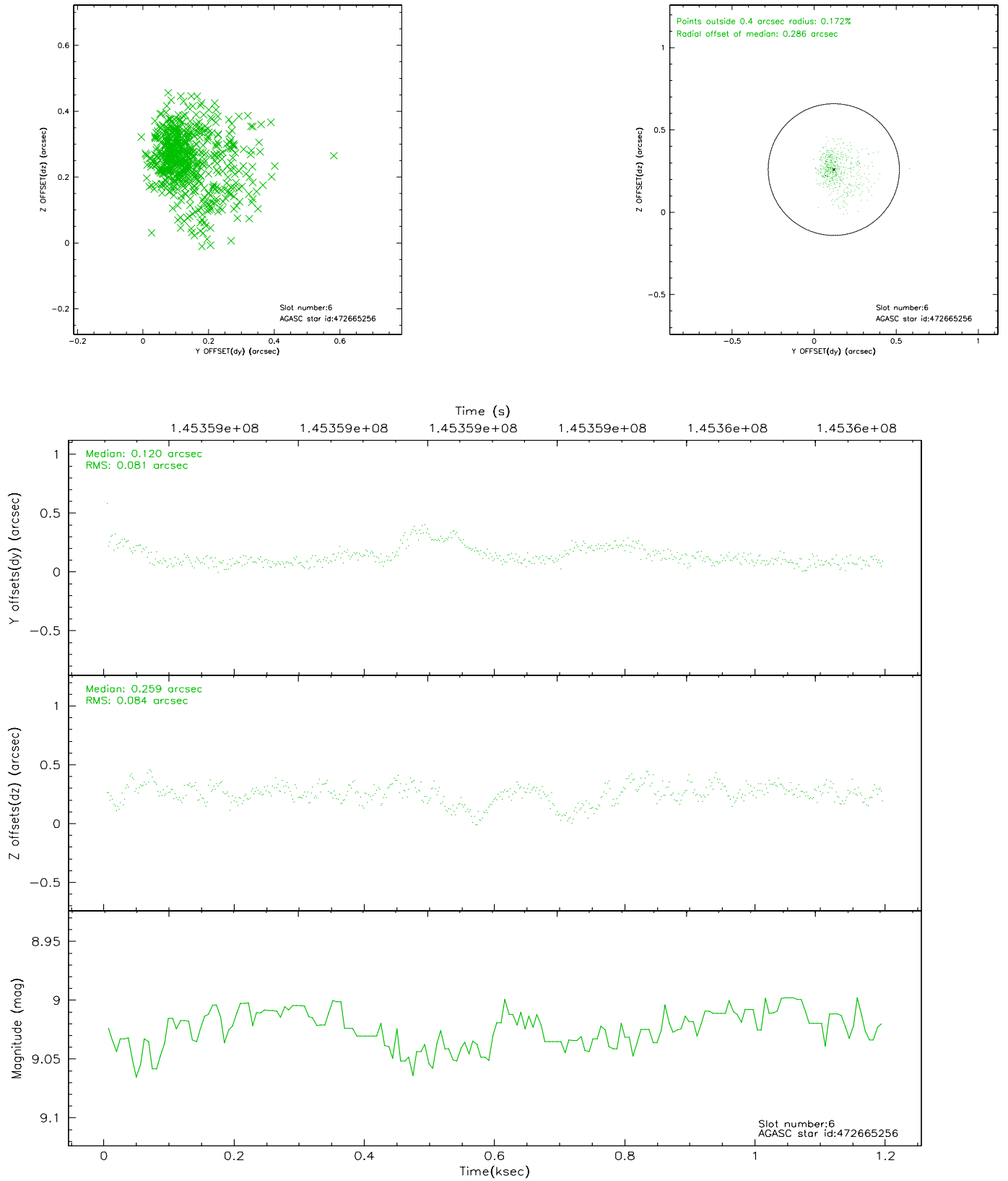
2.4.2 Slot 4



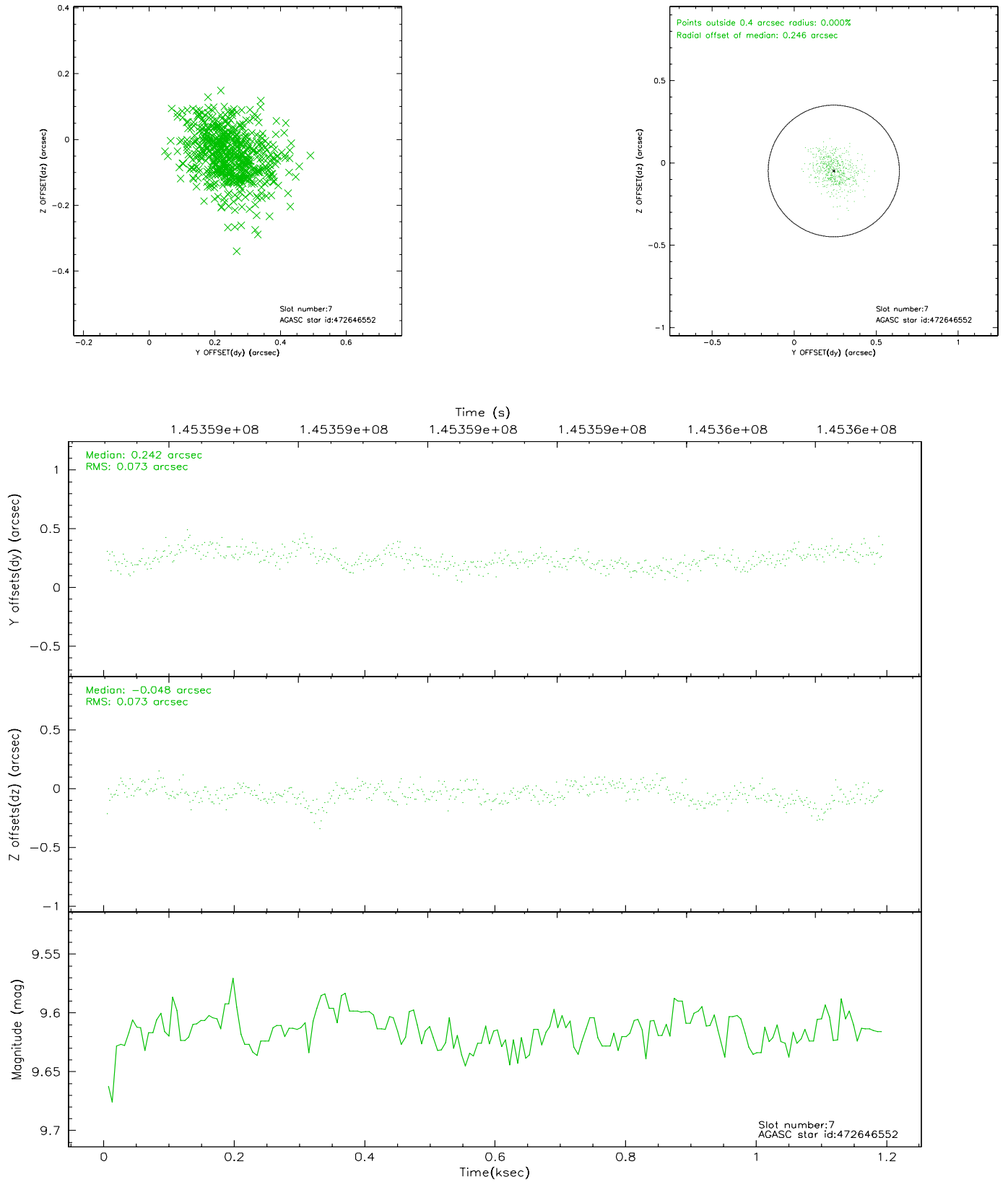
2.4.3 Slot 5



2.4.4 Slot 6

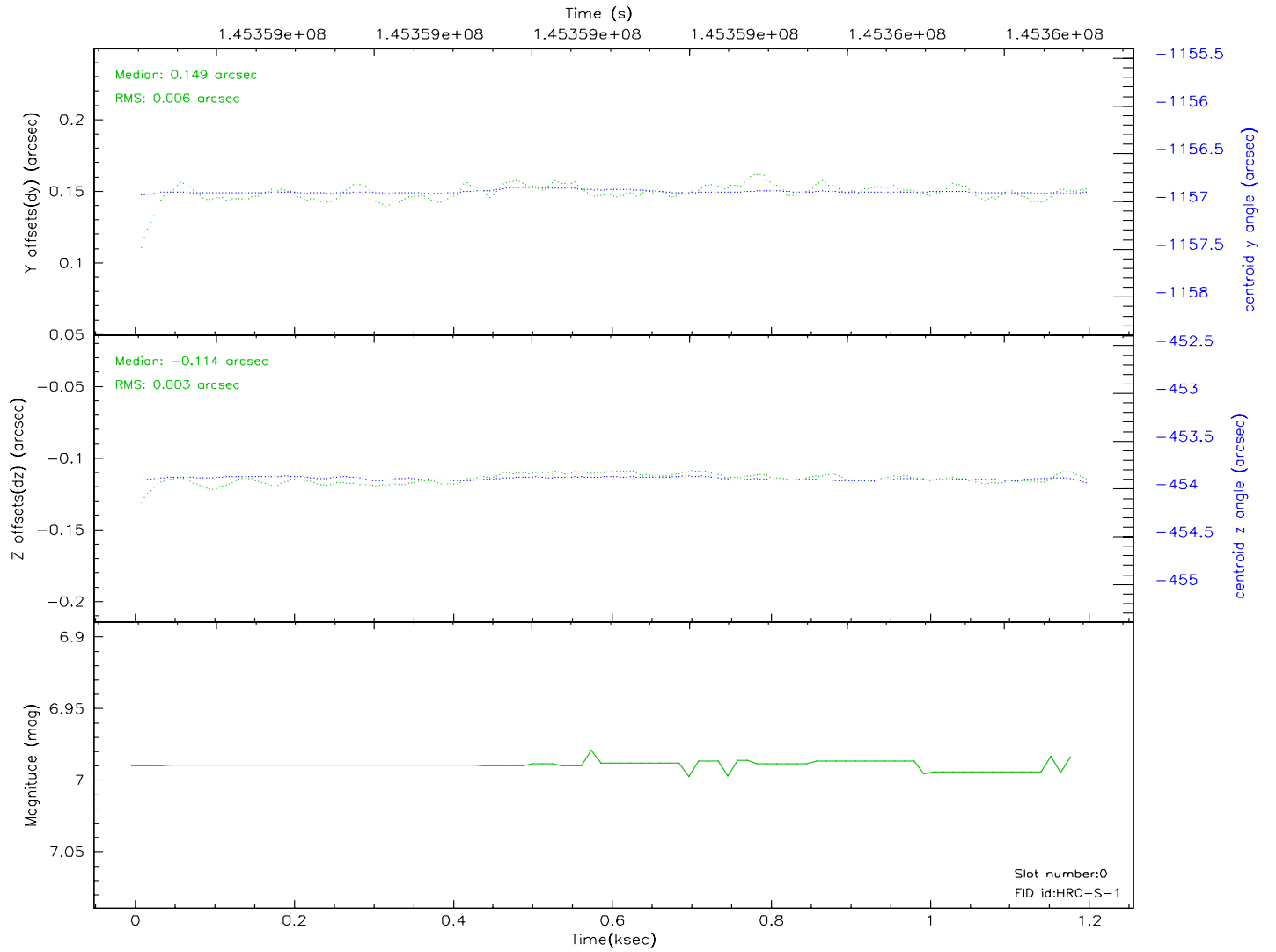
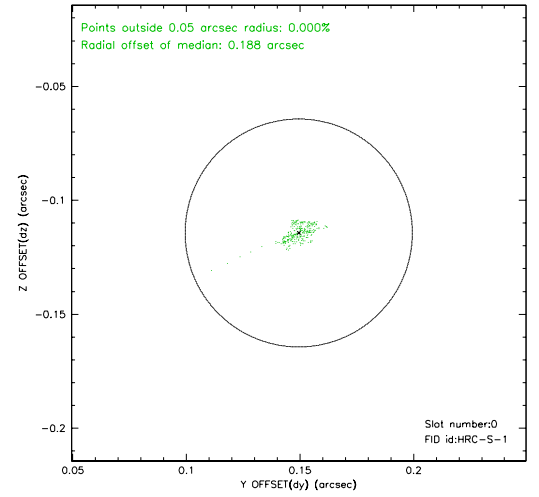
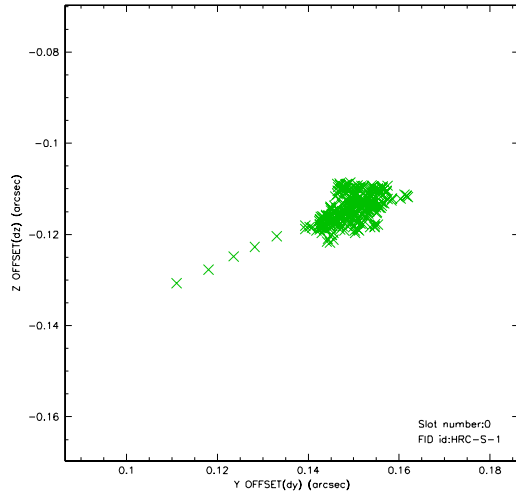


2.4.5 Slot 7

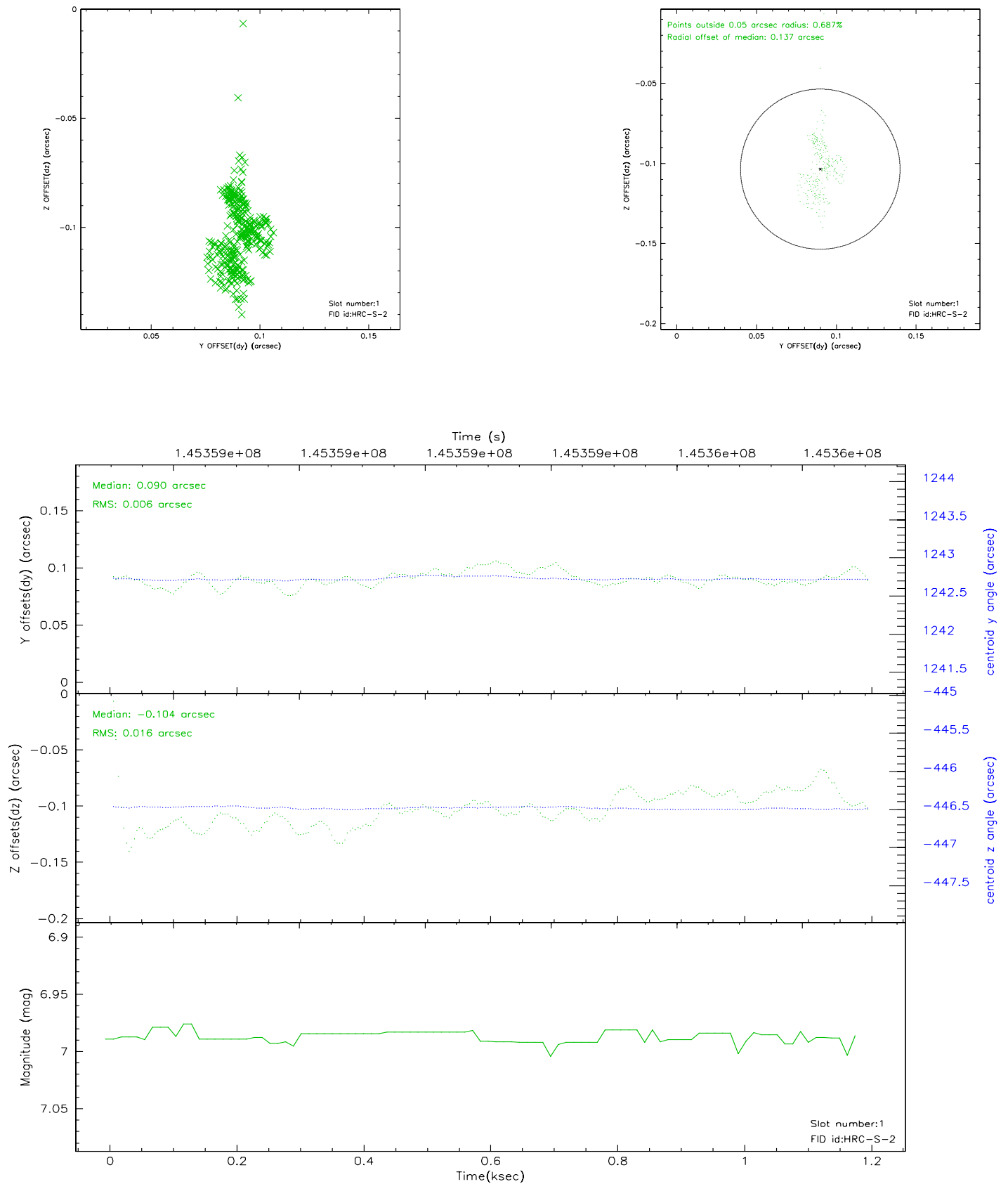


2.5 FID Slots

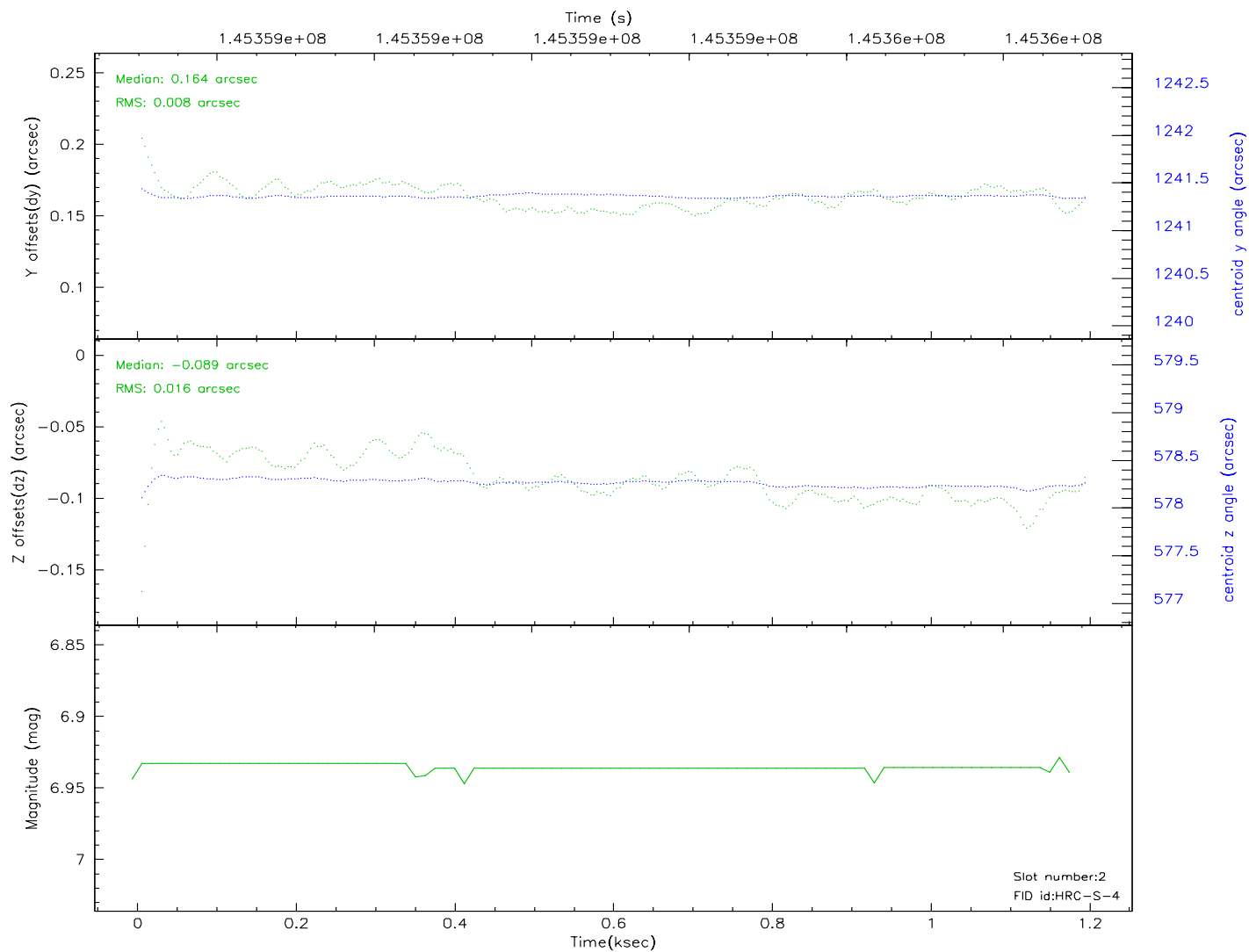
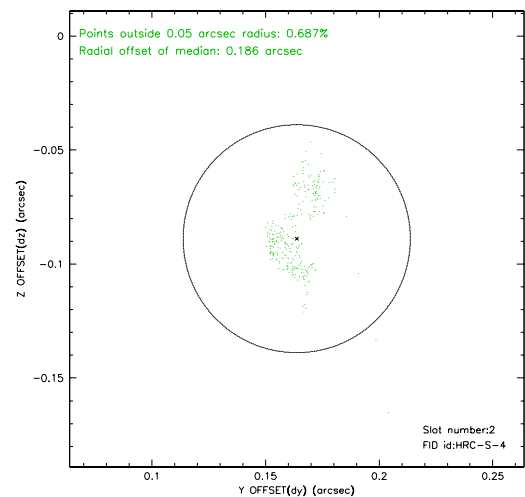
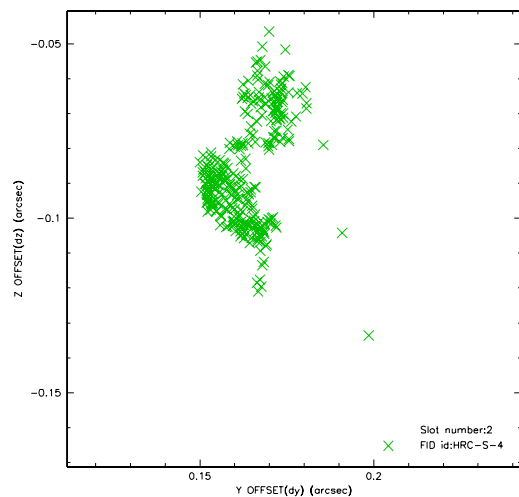
2.5.1 Slot 0



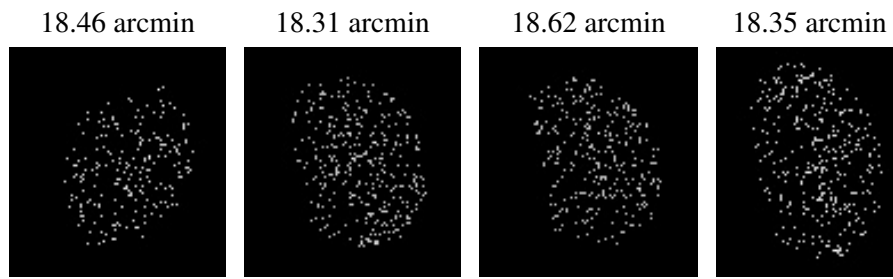
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.10.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.184

A.2 Comments

Charge time:

Charge time for this ObsId remains at previous value of 1.184 ks
although with the new processing it would have been 1.14 ksec.

Monitor constraint met.