

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 6038 - L2 Version 002
Chandra X-Ray Center

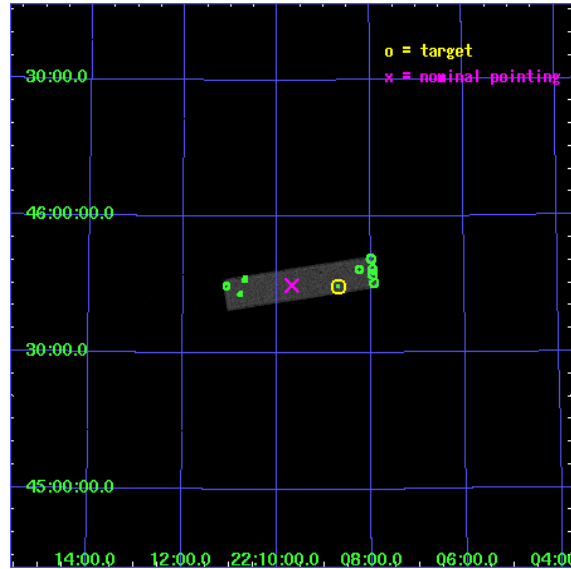
L2 Processing Date: Feb 22 2006

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1 Front

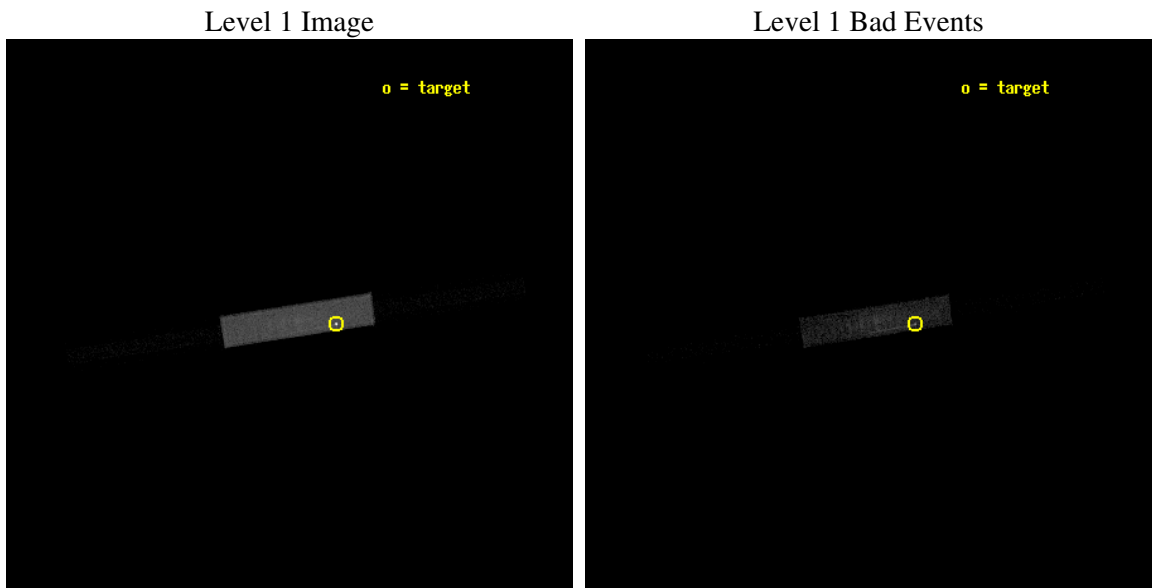
seq_num	290530
obs_id	6038
title	AO6A Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain
observer	Dr. CXC Calibration
object	ArLac
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.42019988502
dec_nom	45.748290077969
roll_nom	351.18380874352
revision	2
ontime	1157.4813023508
livetime	1150.604705652
l2events	44722



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-22T23:07:28
revision	2

sched_exp_time	1000.000000
ontime	1187.2063037157
l1events	76914

2.1.3 Events

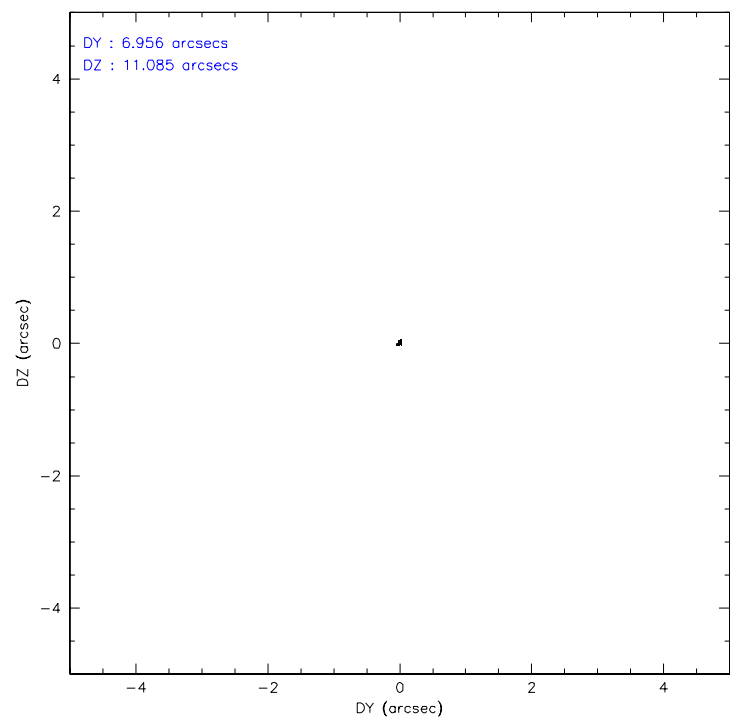
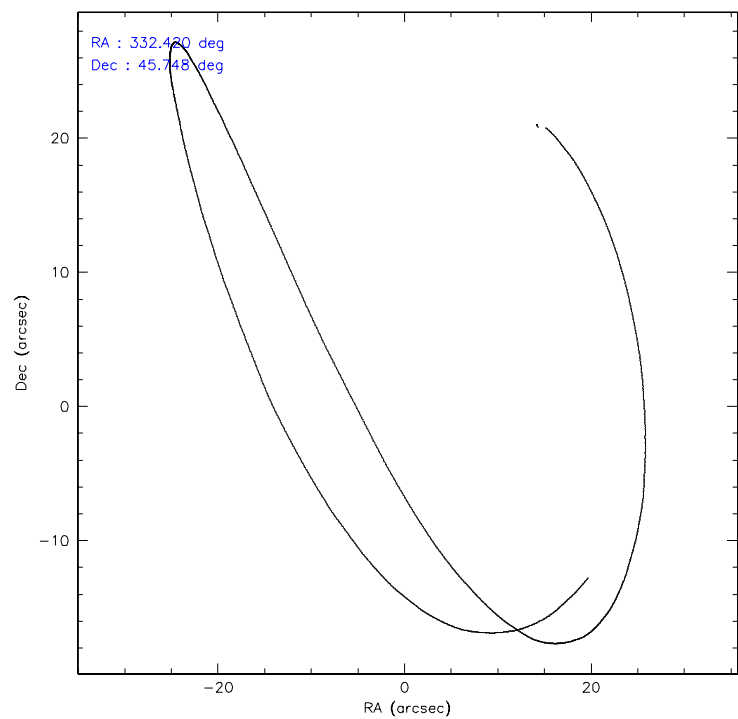
Level 1 Events

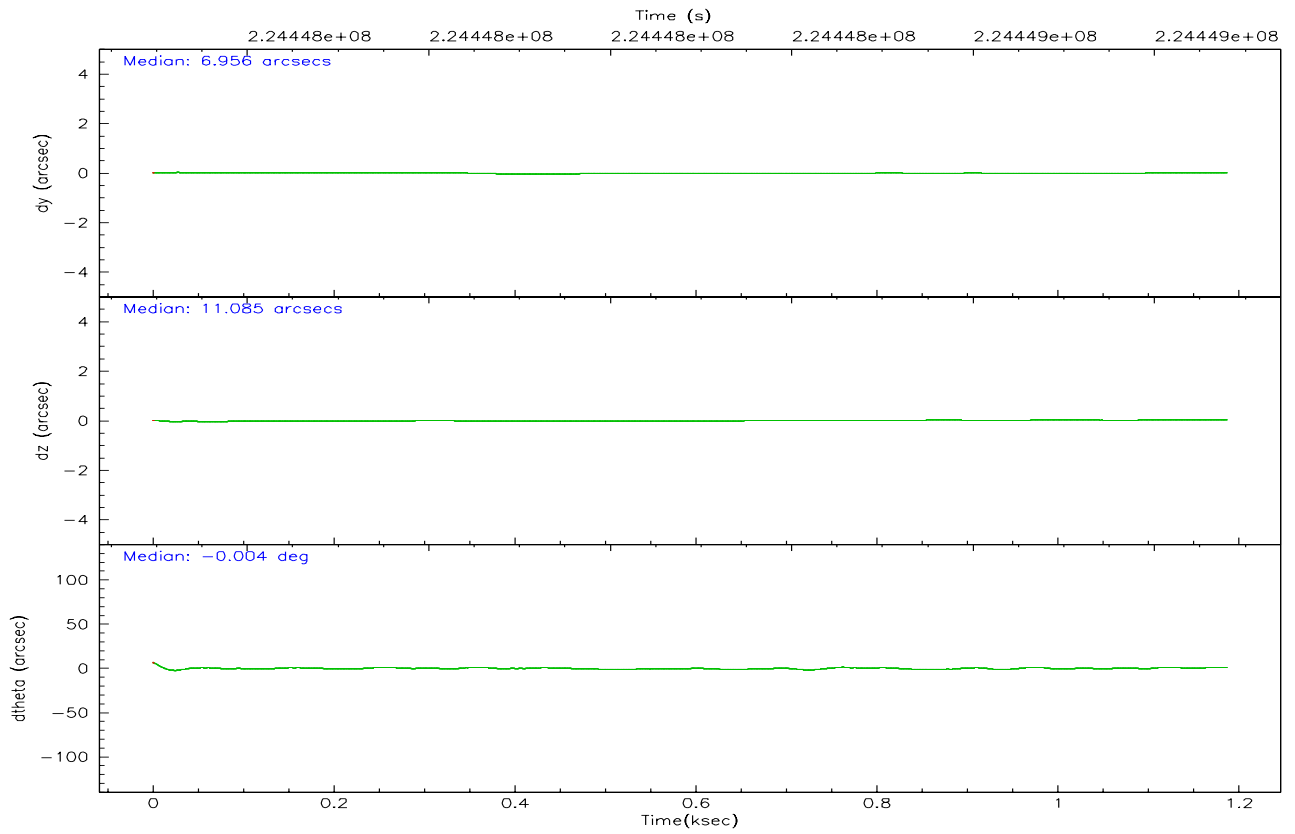
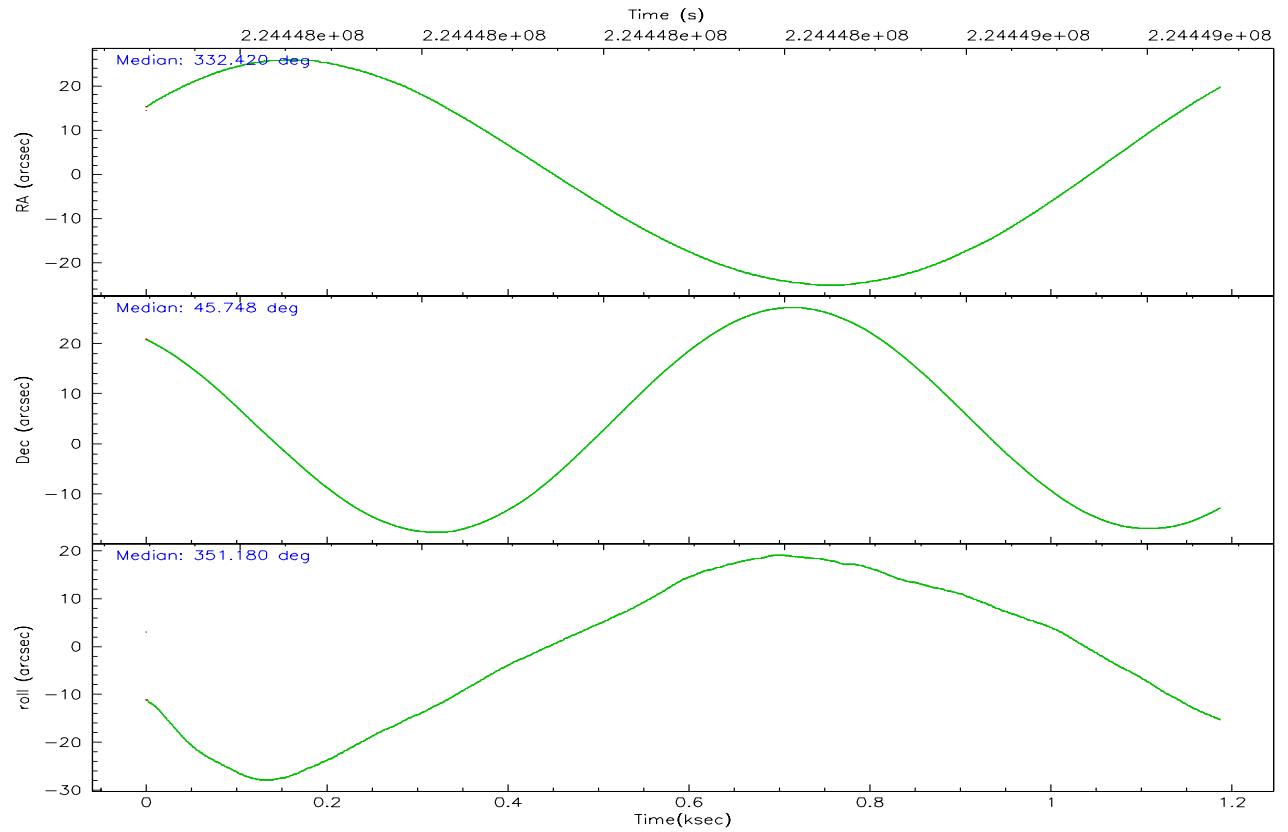
	segment 1	segment 2	segment 3
level 1 events	709	75492	713
rejected events	709	27435	709
rejected %	100%	36%	99%

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	332.382498	332.4201998850167			
Pointing Dec	45.737273	45.748290077969			
Pointing Roll	351.143502	351.18380874352			
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	224447883.184000	224447506.93353			
Observation start date	2005-02-10T18:36:59	2005-02-10T18:31:46			
Observation end time	224448883.184000	224449016.7586			
Observation end date	2005-02-10T18:53:39	2005-02-10T18:56:56			

2.3 Aspect



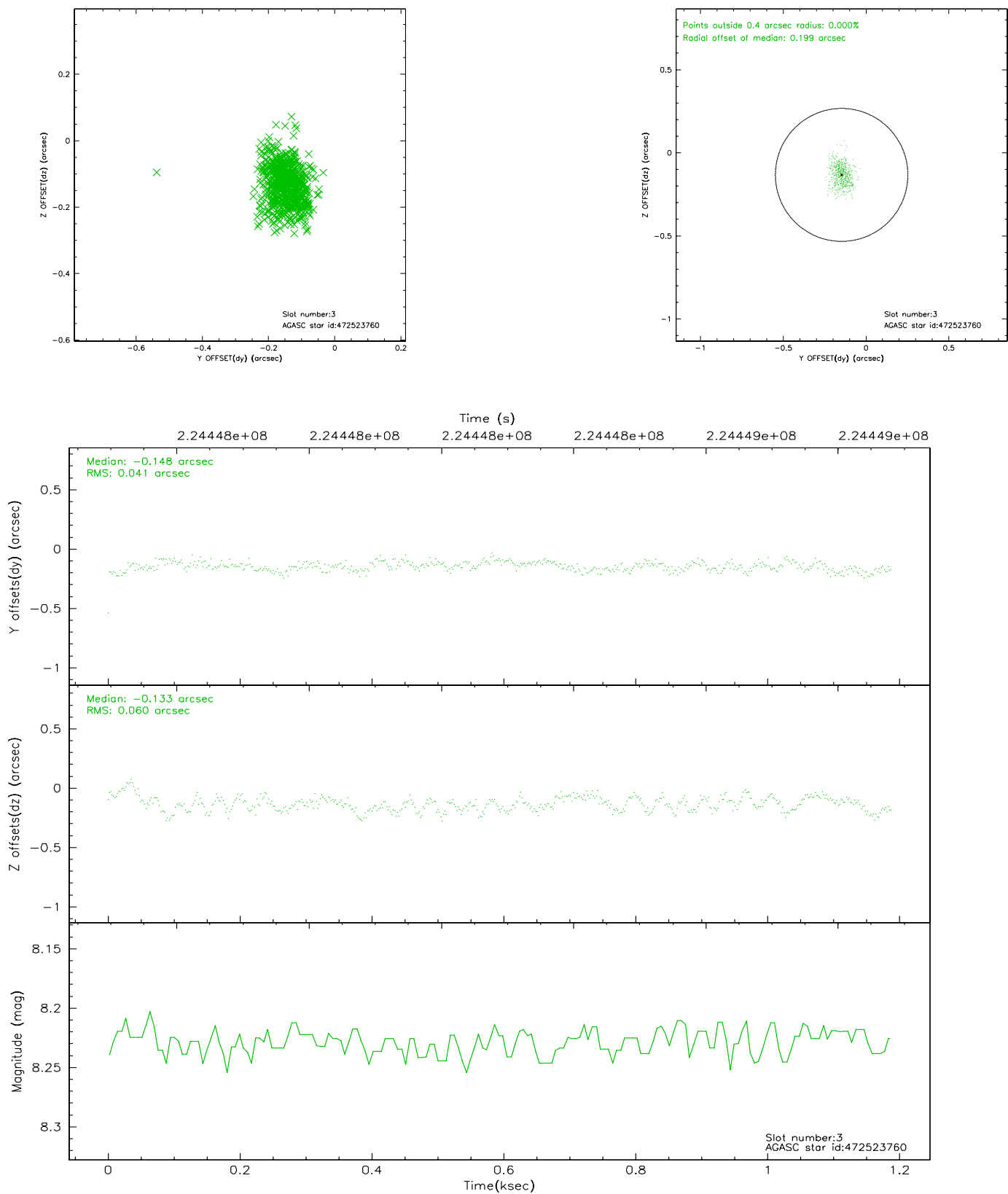


Slot Statistics

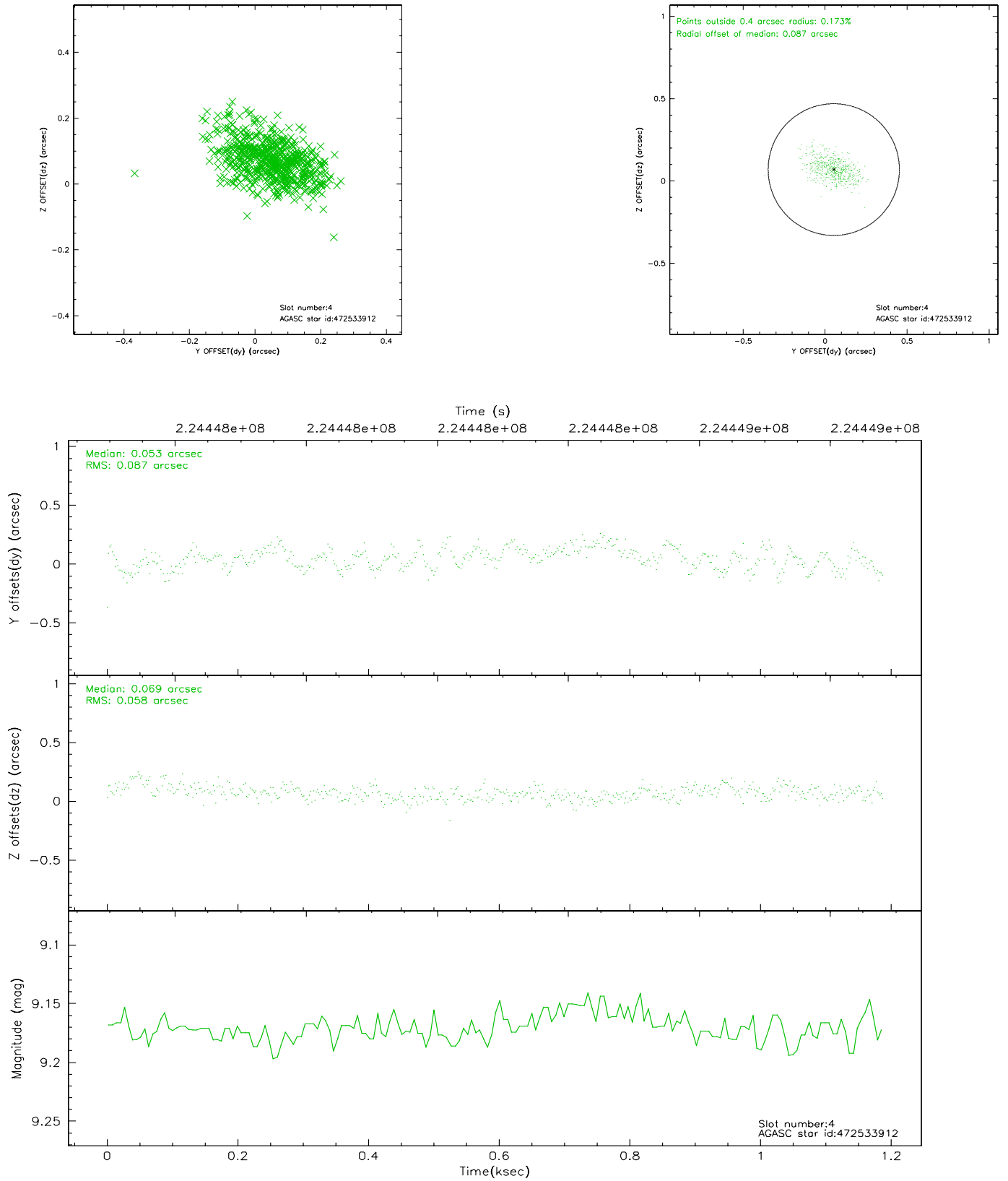
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	7.01	290	0.158	-0.206	0.010	0.018	0.000000	0.000000	1238.61	-452.48
1	FID	HRC-S-3	7.03	290	0.076	-0.088	0.005	0.010	0.000000	0.000000	-1159.61	568.23
2	FID	HRC-S-4	6.98	290	0.172	-0.001	0.010	0.018	0.000000	0.000000	1233.20	574.41
3	GUIDE	472523760	8.23	580	-0.148	-0.133	0.075	0.123	331.645363	45.403260	-1658.37	-1464.51
4	GUIDE	472533912	9.17	579	0.053	0.069	0.109	0.182	331.791136	46.368695	-1806.42	2025.02
5	GUIDE	472655152	9.43	580	0.077	-0.033	0.124	0.189	332.504239	45.862991	227.71	500.14
6	GUIDE	472660976	8.60	580	0.144	0.163	0.070	0.110	333.433329	46.196713	2329.37	2058.15
7	GUIDE	472665256	9.01	578	-0.117	-0.052	0.096	0.151	332.808125	46.195041	796.58	1800.25

2.4 Star Slots

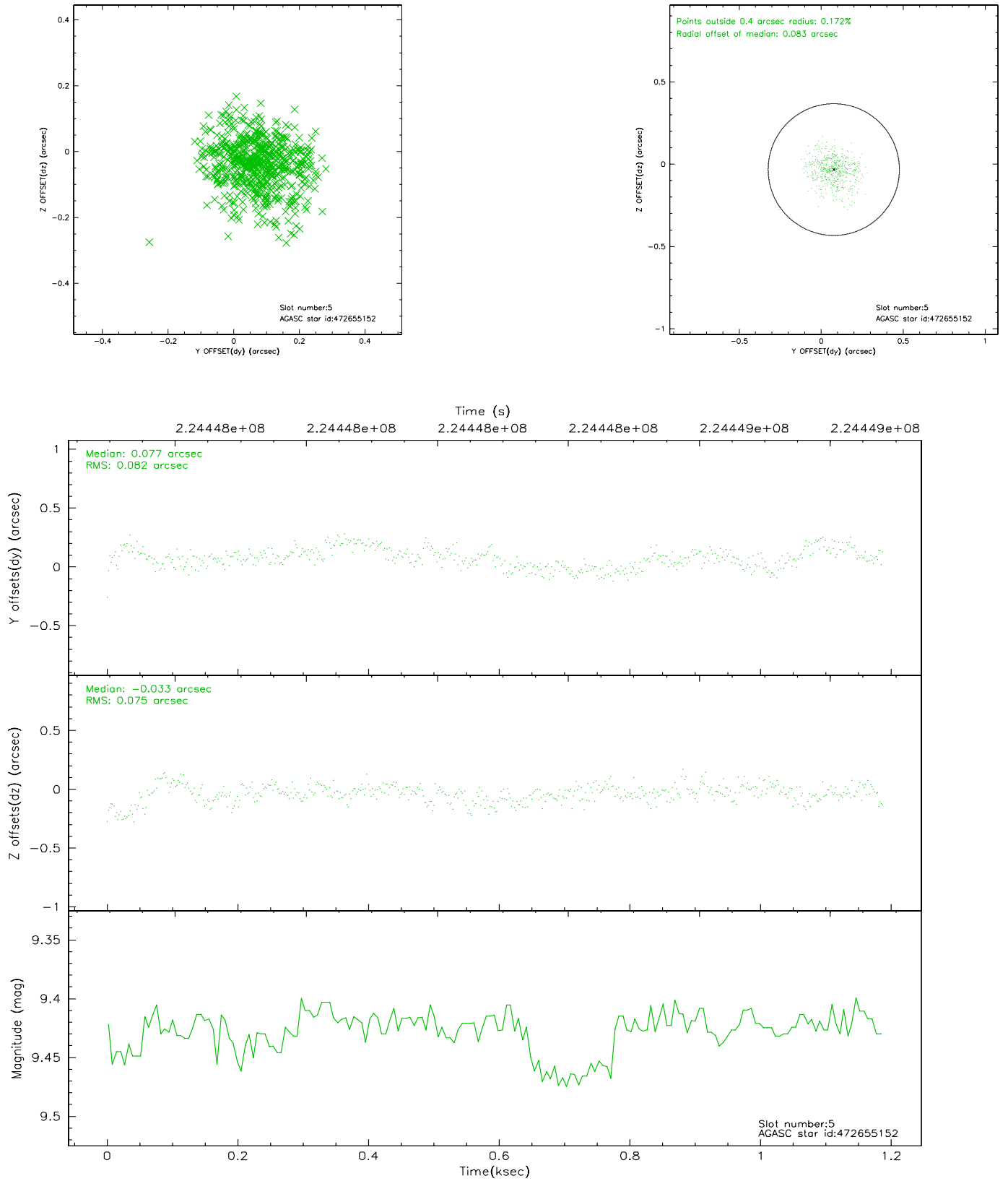
2.4.1 Slot 3



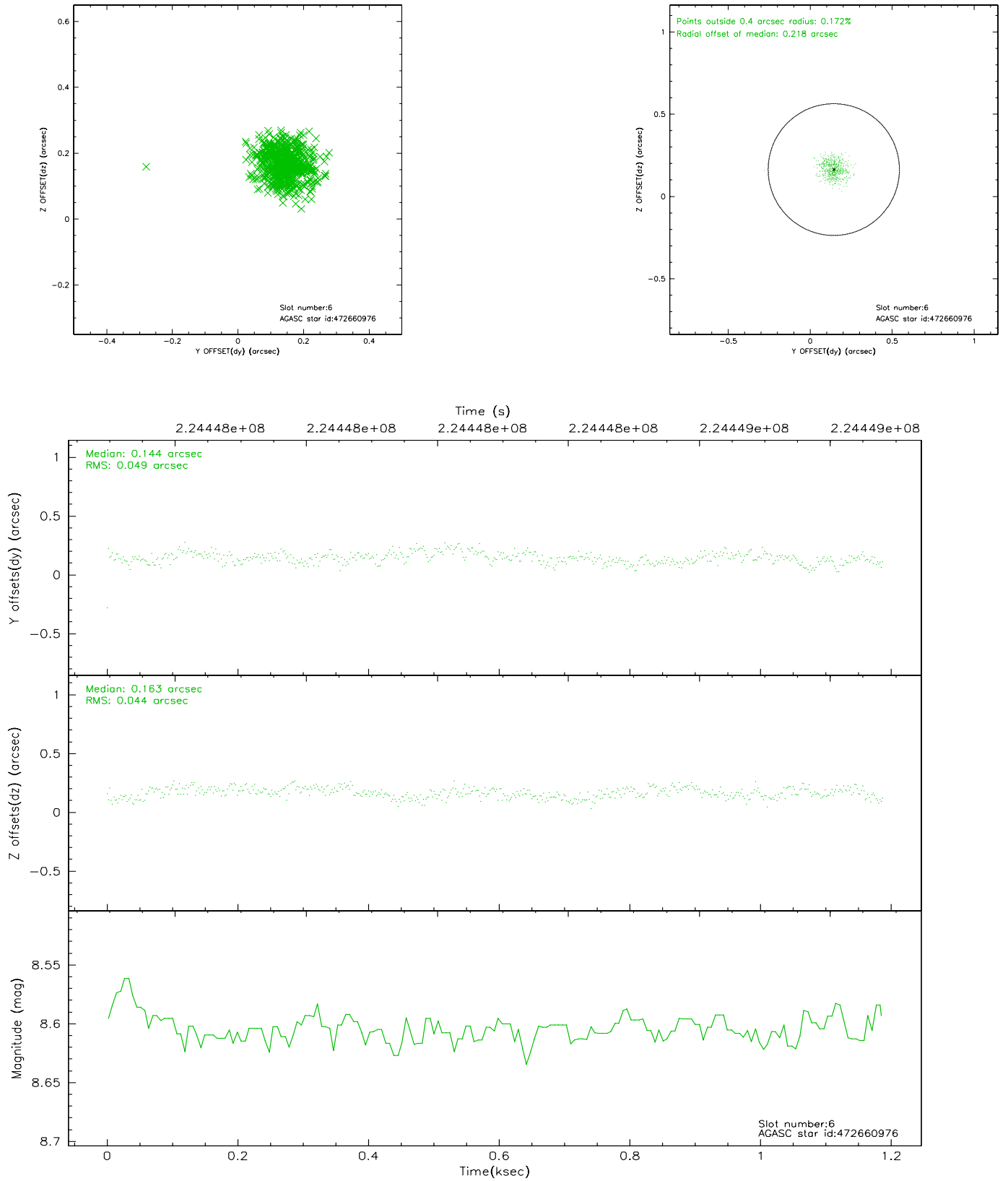
2.4.2 Slot 4



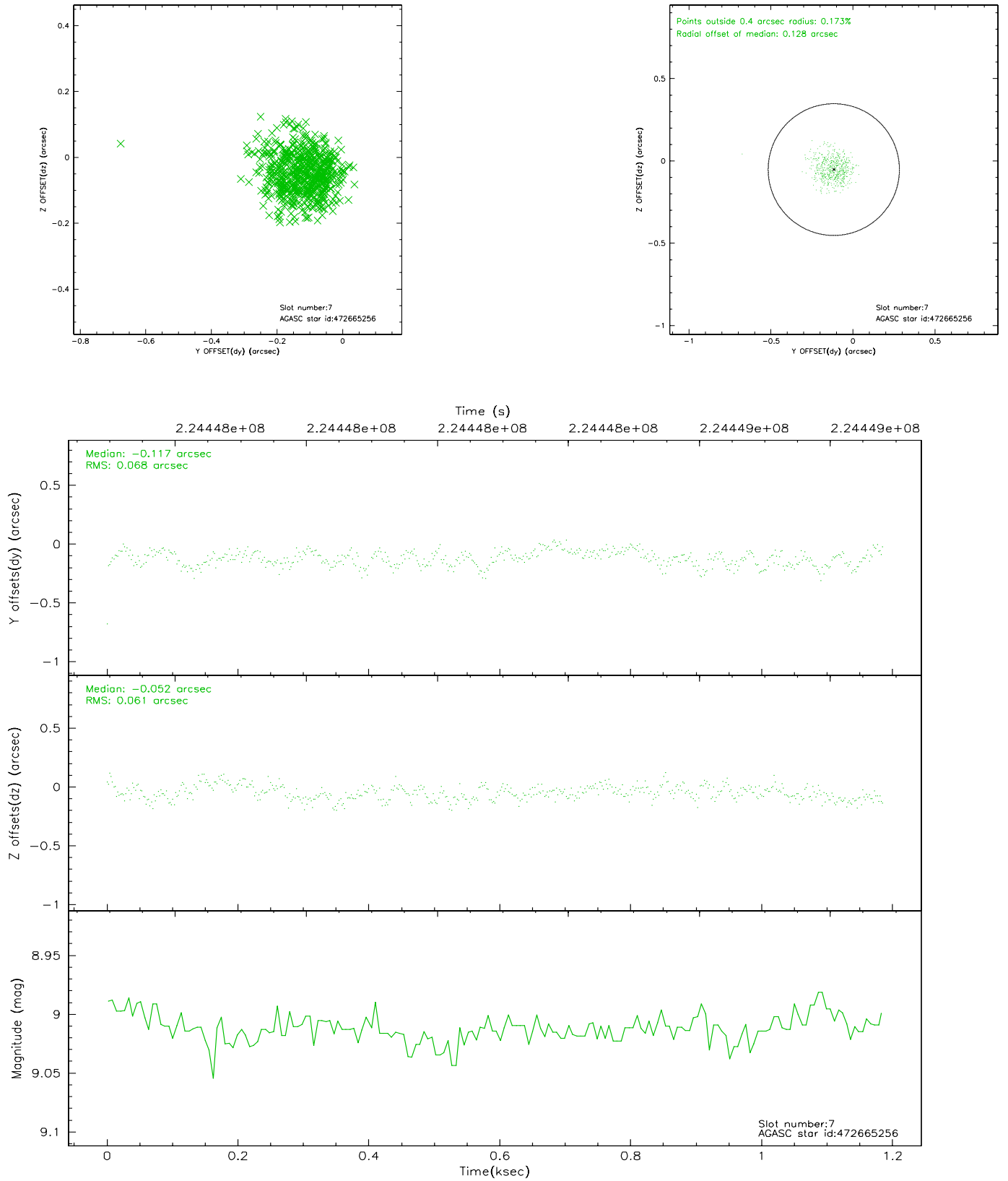
2.4.3 Slot 5



2.4.4 Slot 6

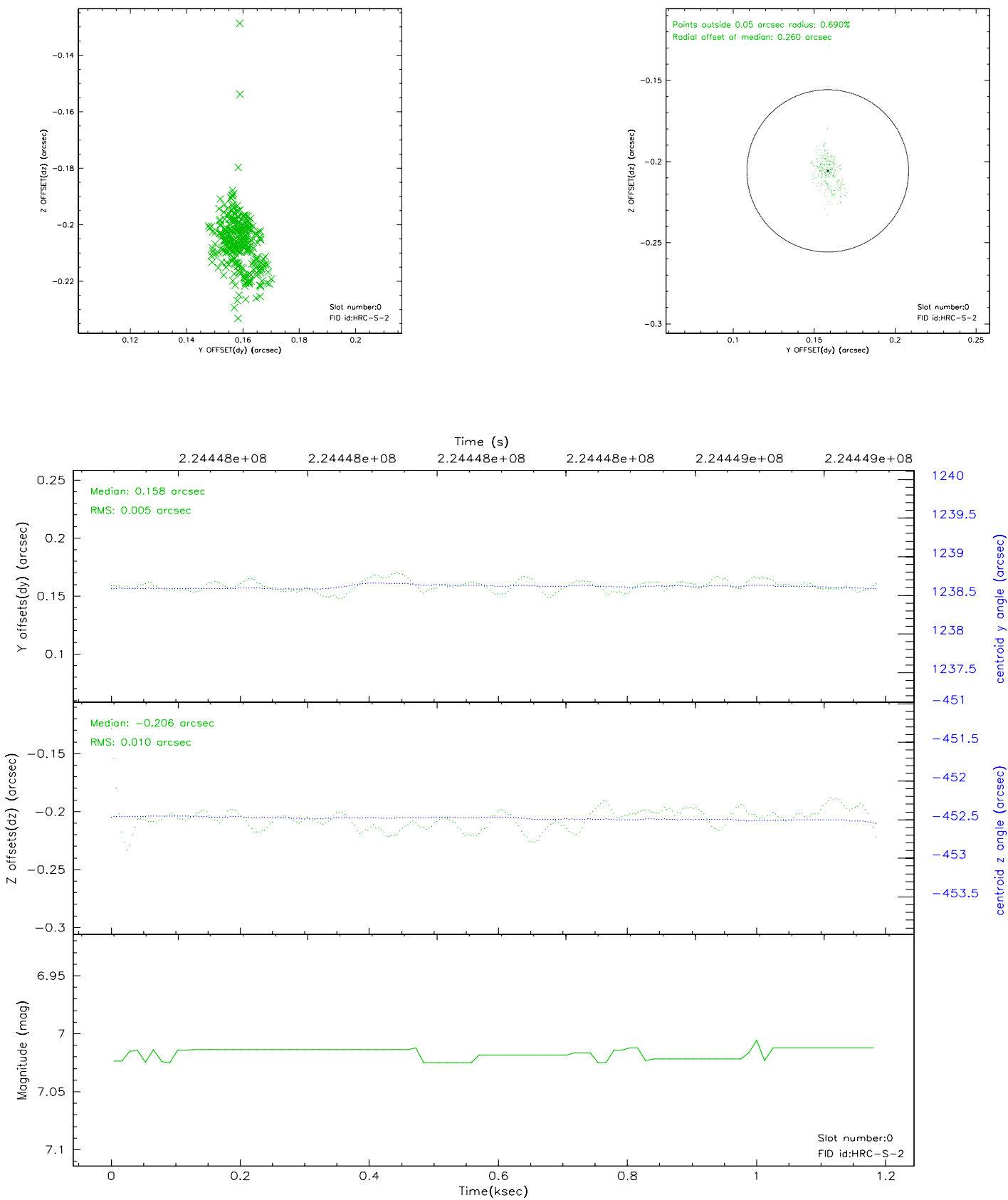


2.4.5 Slot 7

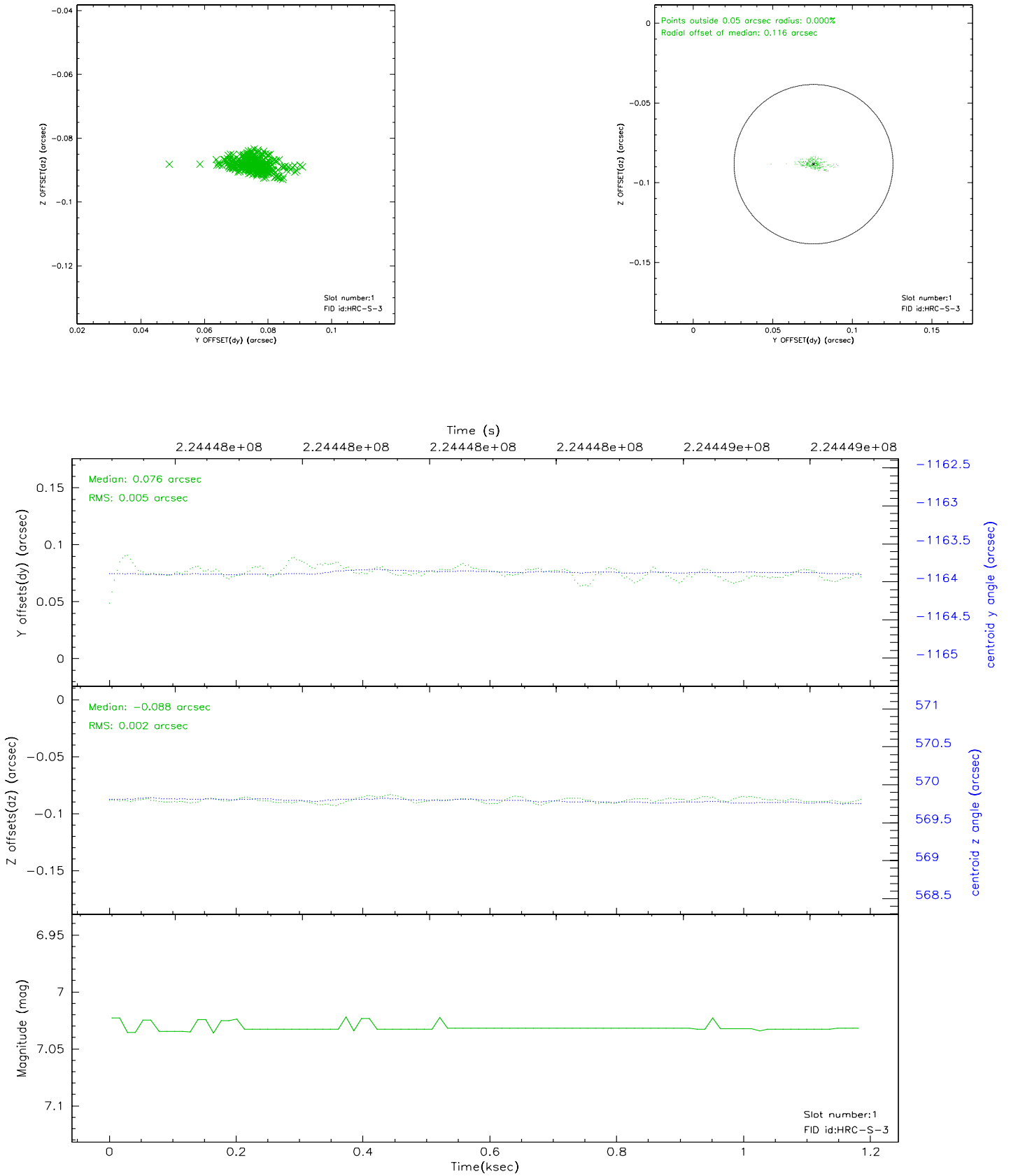


2.5 FID Slots

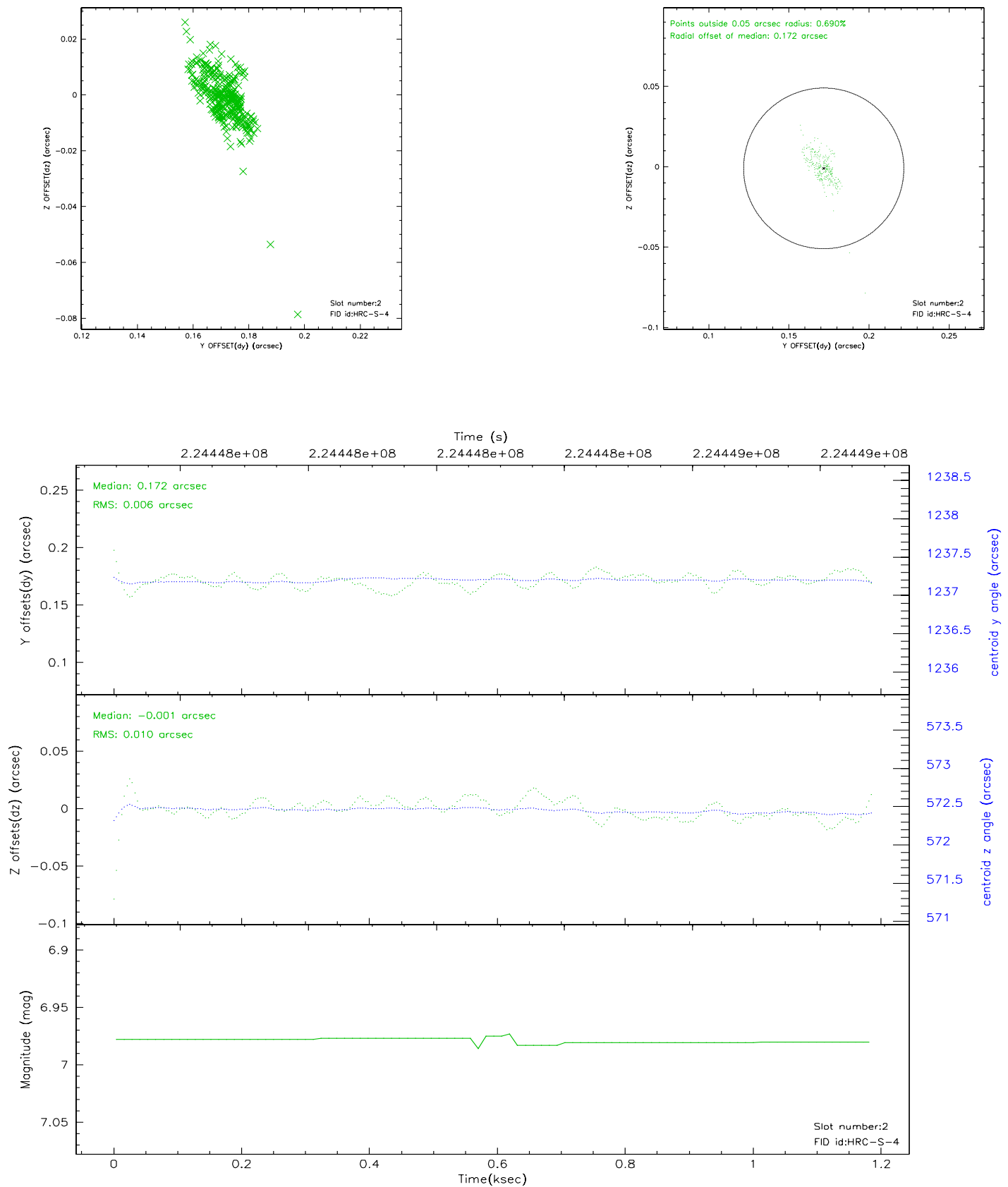
2.5.1 Slot 0



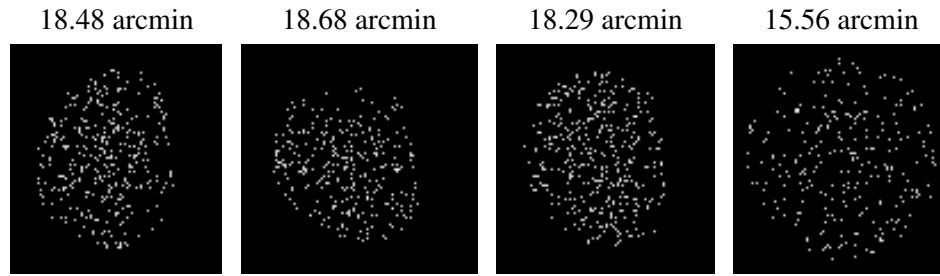
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.02.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.157481

A.2 Comments