

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2447 - L2 Version 001
Chandra X-Ray Center

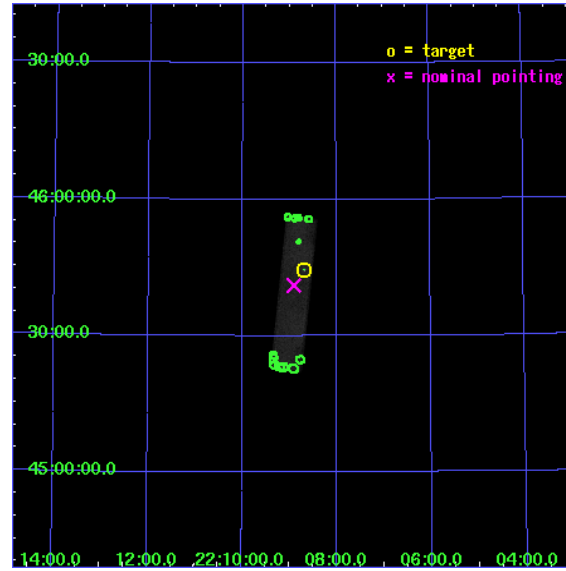
L2 Processing Date : Nov 21 2006

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1 Front

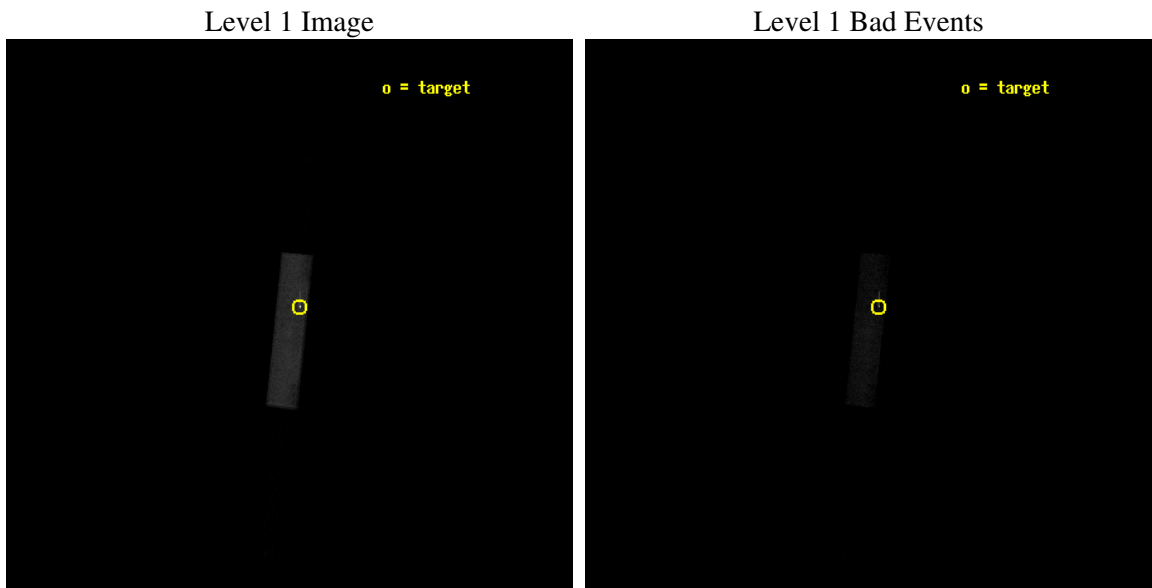
seq_num	290078
obs_id	2447
title	HRC-S CALIBRATION OBSERVATIONS OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.226357029
dec_nom	45.68520606073
roll_nom	95.854164573792
revision	4
ontime	1375.8063034564
livetime	1364.239614997
l2events	90269



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2006-11-21T15:48:42
revision	3

sched_exp_time	1234.000000
ontime	1415.5250550061
l1events	137864

2.1.3 Events

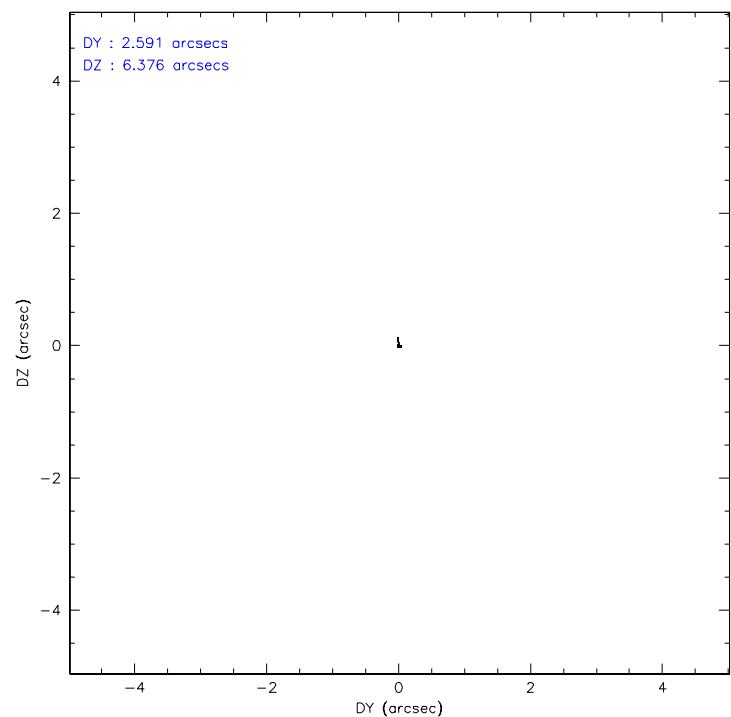
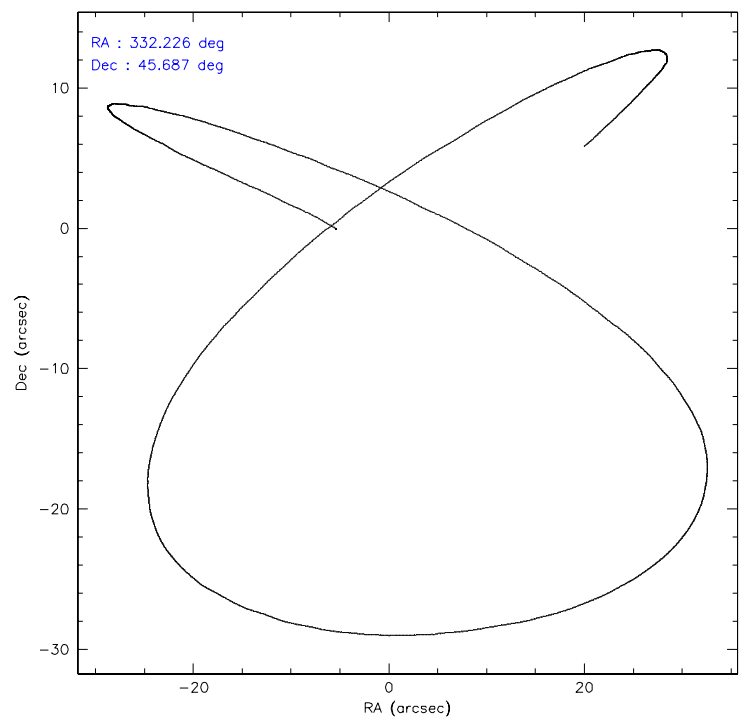
Level 1 Events

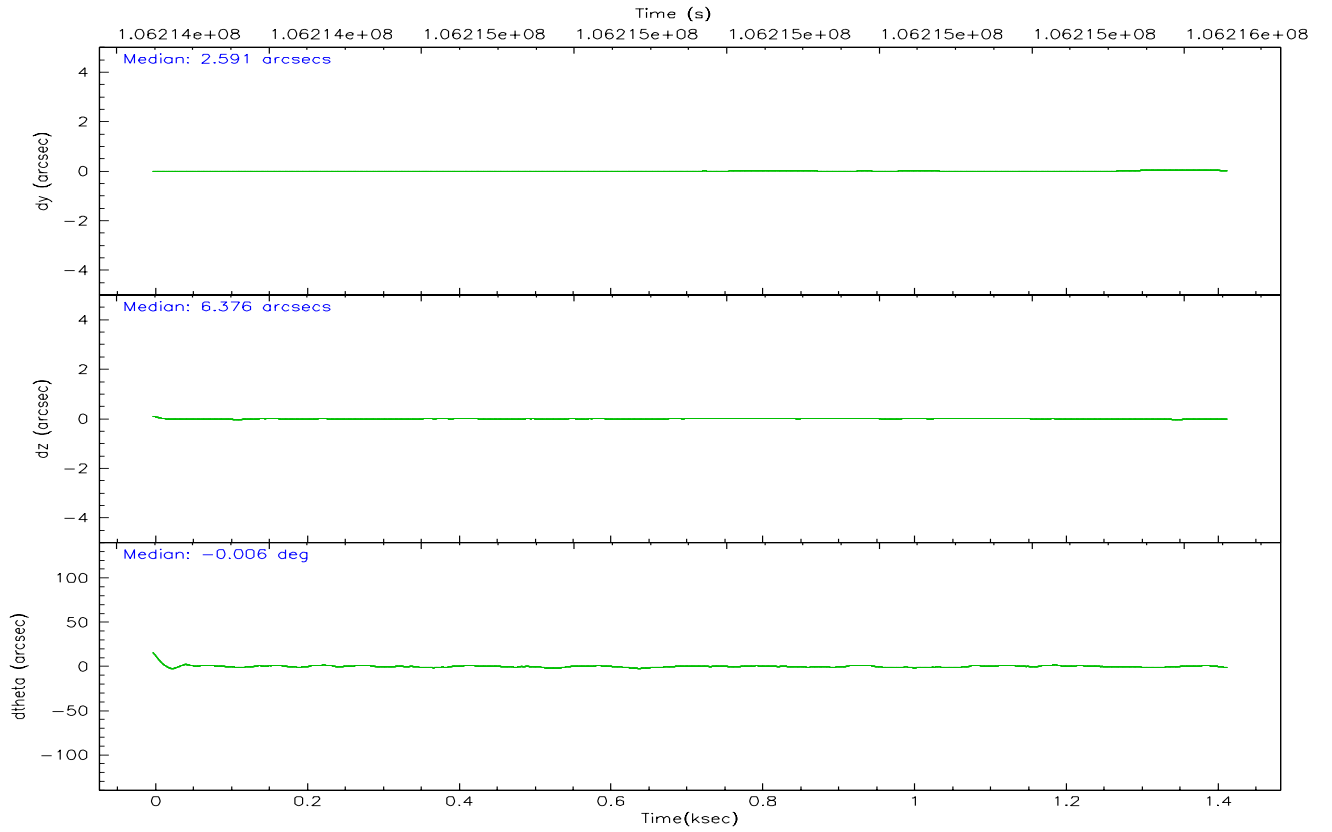
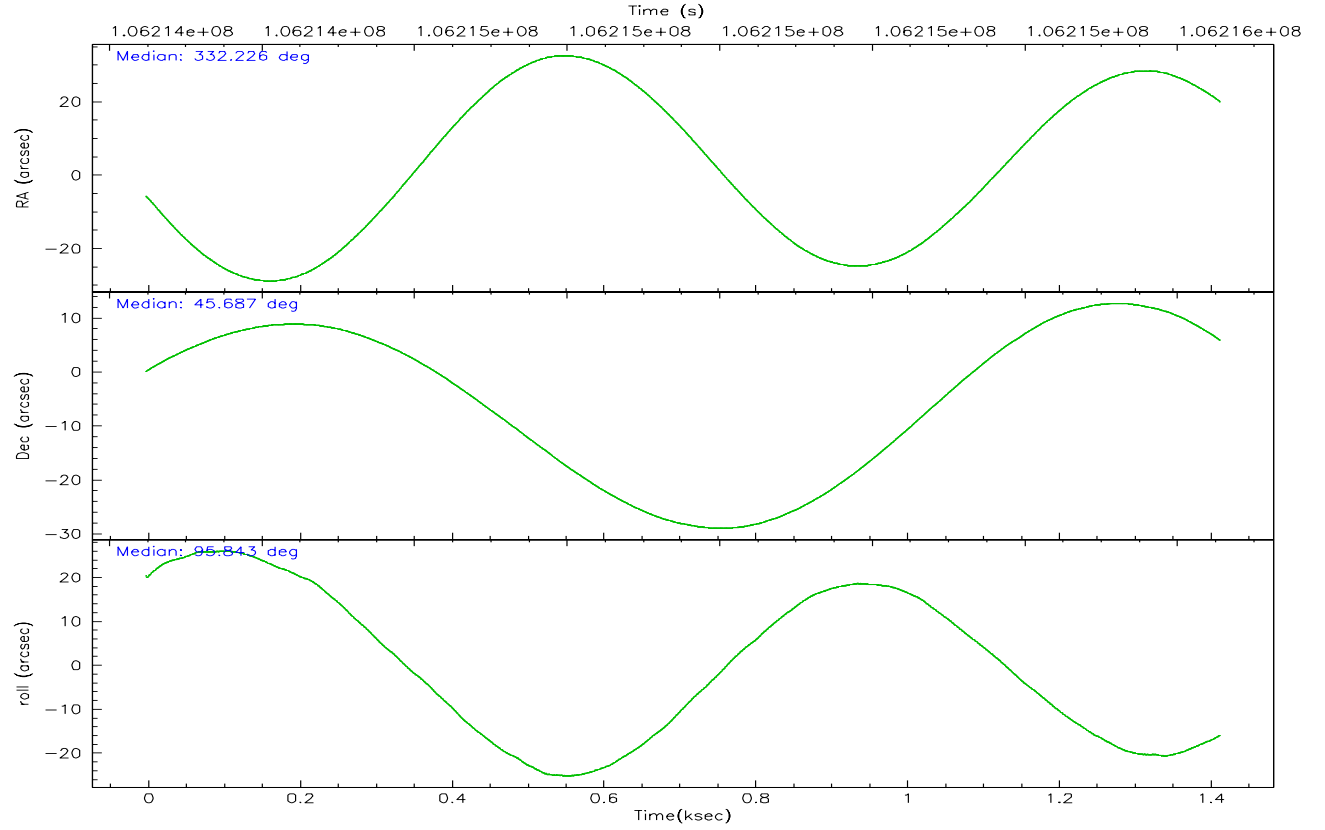
	segment 1	segment 2	segment 3
level 1 events	1526	135063	1275
rejected events	1526	41197	1275
rejected %	100%	30%	100%

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	332.252242	332.2263570289971			
Pointing Dec	45.661692	45.68520606073024			
Pointing Roll	95.768282	95.85416457379151			
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	106214427.184000	106214050.7337			
Observation start date	2001-05-14T07:59:23	2001-05-14T07:54:10			
Observation end time	106215661.184000	106215794.77127			
Observation end date	2001-05-14T08:19:57	2001-05-14T08:23:14			

2.3 Aspect



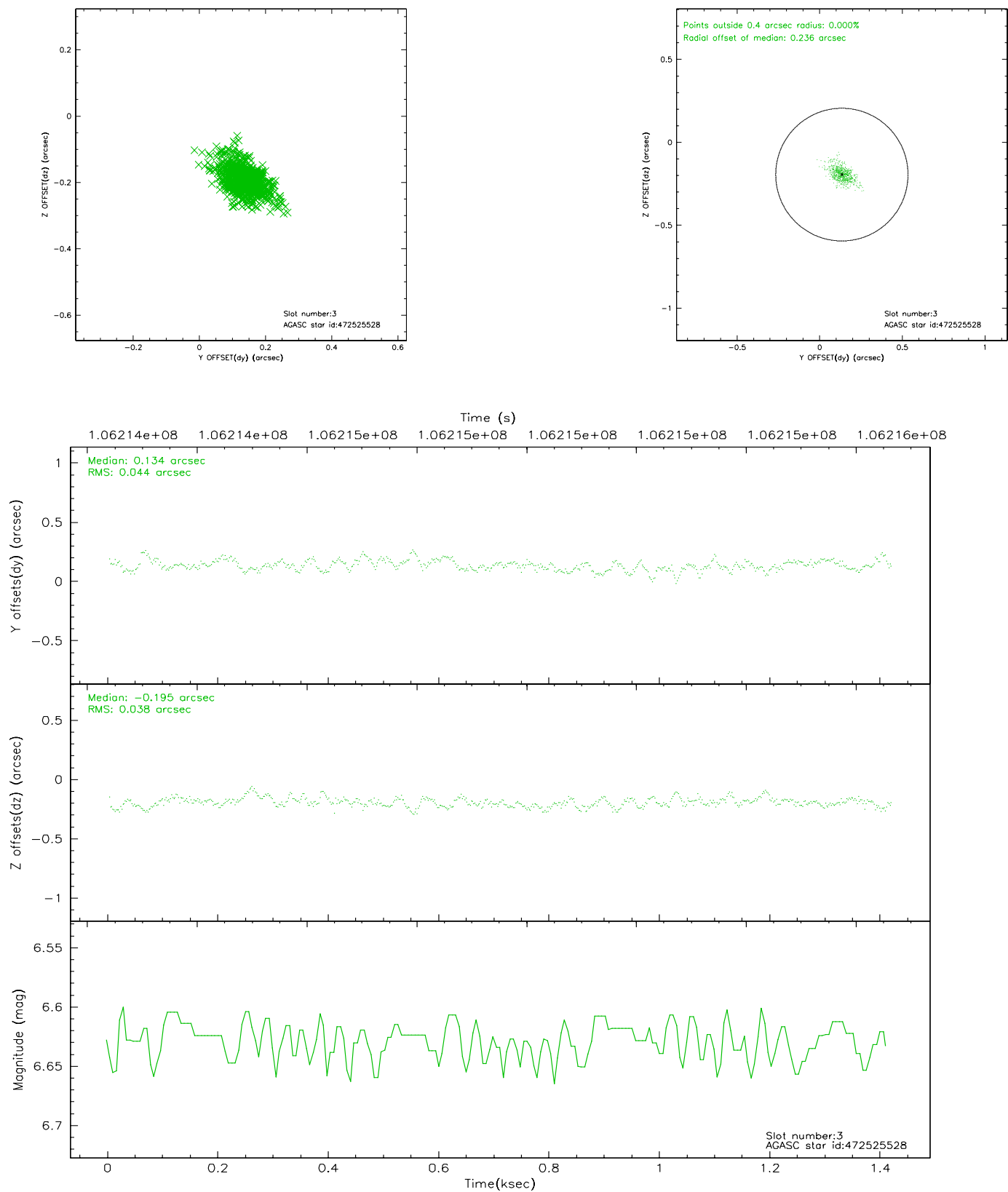


Slot Statistics

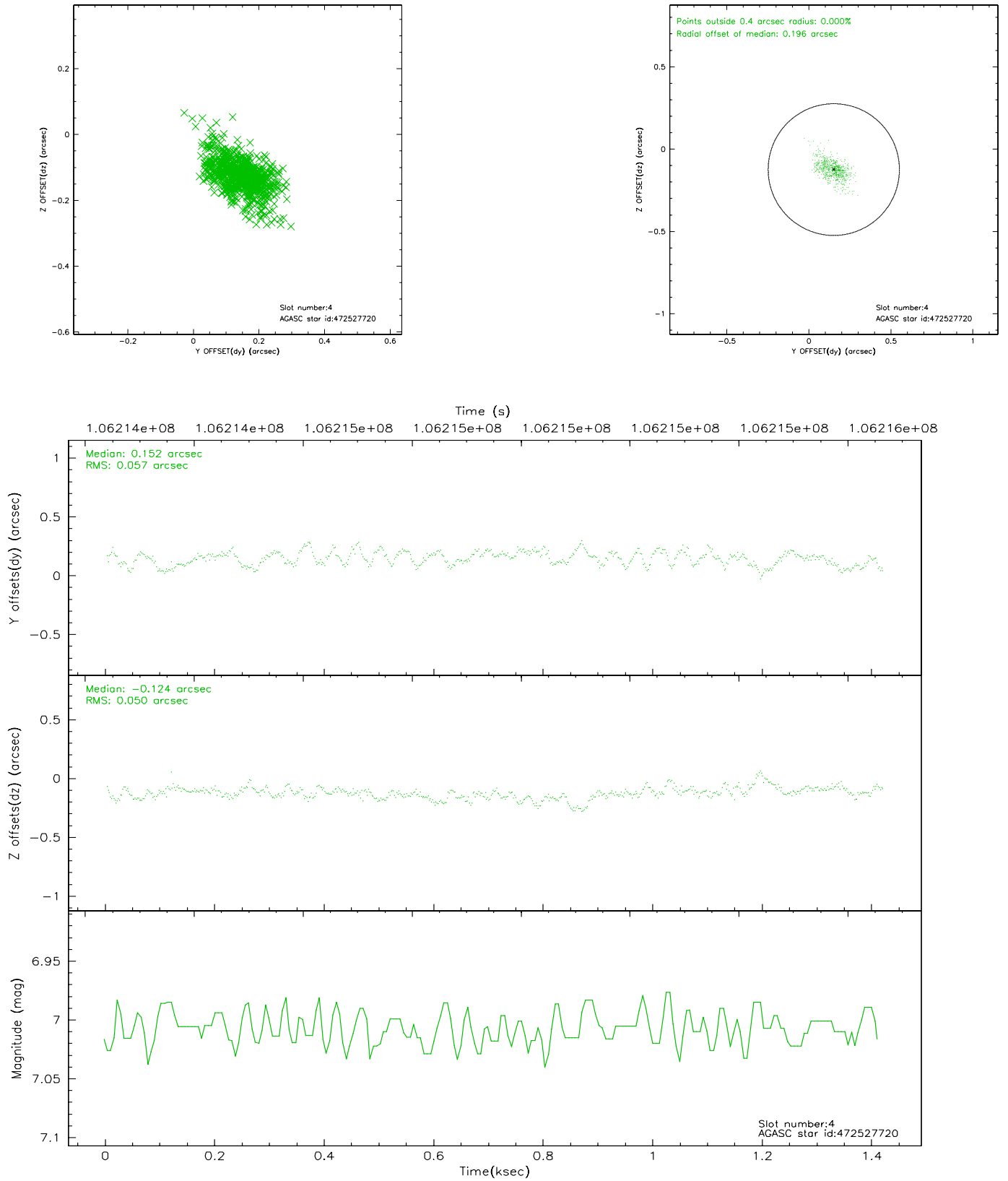
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	346	0.107	-0.109	0.006	0.011	0.000000	0.000000	-1156.63	-454.94
1	FID	HRC-S-3	7.00	346	0.154	-0.098	0.008	0.013	0.000000	0.000000	-1162.69	573.29
2	FID	HRC-S-4	6.93	346	0.126	-0.091	0.005	0.009	0.000000	0.000000	1238.25	578.92
3	GUIDE	472525528	6.63	692	0.134	-0.195	0.058	0.111	331.551102	45.248694	-1297.30	1915.09
4	GUIDE	472527720	7.01	692	0.152	-0.124	0.079	0.136	331.460205	45.112509	-1761.25	2200.92
5	GUIDE	472523760	8.24	692	-0.001	-0.001	0.068	0.109	331.645363	45.403260	-772.67	1620.97
6	GUIDE	472665256	9.00	692	-0.176	0.217	0.069	0.118	332.808125	46.195041	1770.89	-1569.98
7	GUIDE	472659832	9.45	690	-0.103	0.101	0.088	0.142	332.780399	46.098139	1433.81	-1473.22

2.4 Star Slots

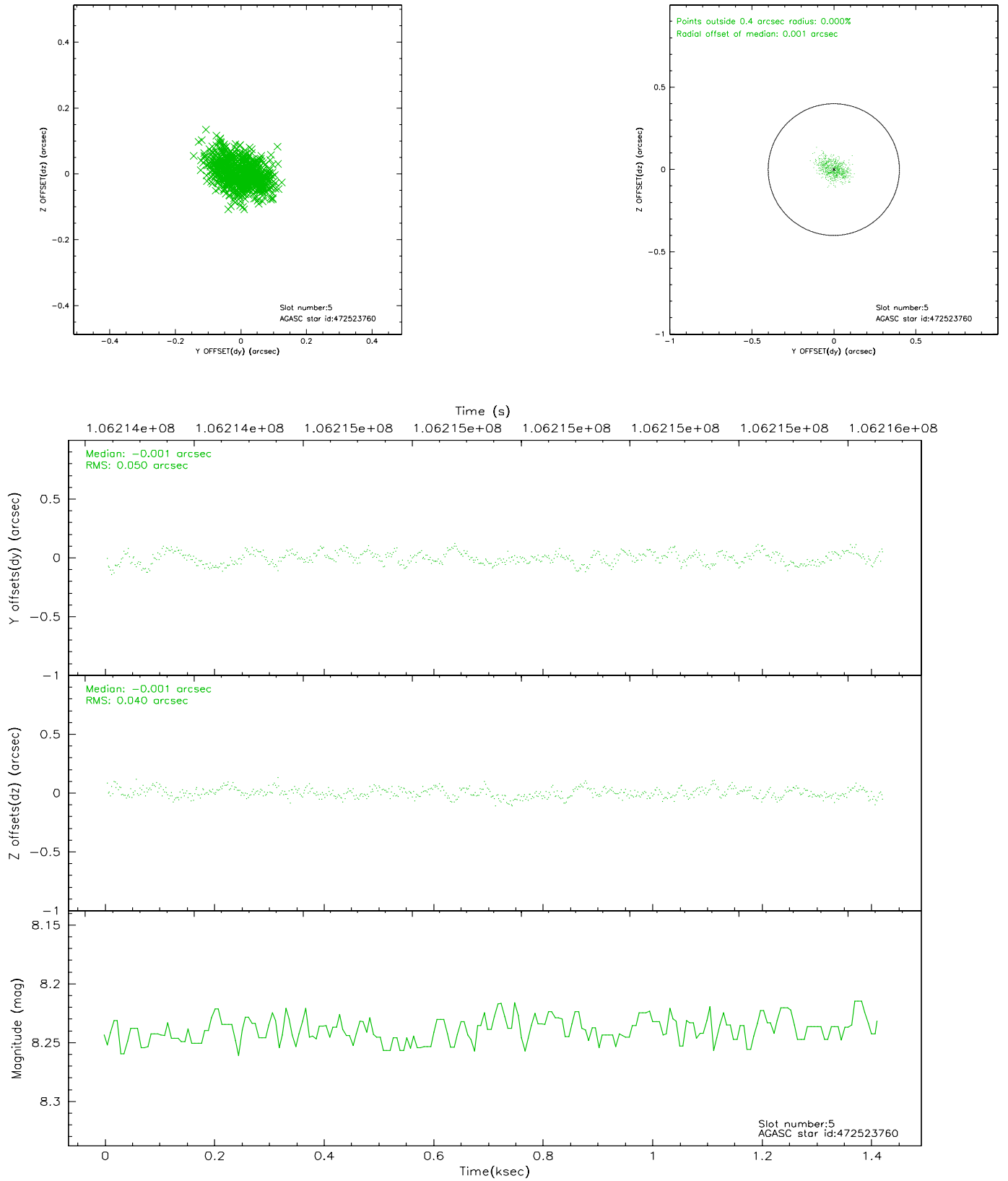
2.4.1 Slot 3



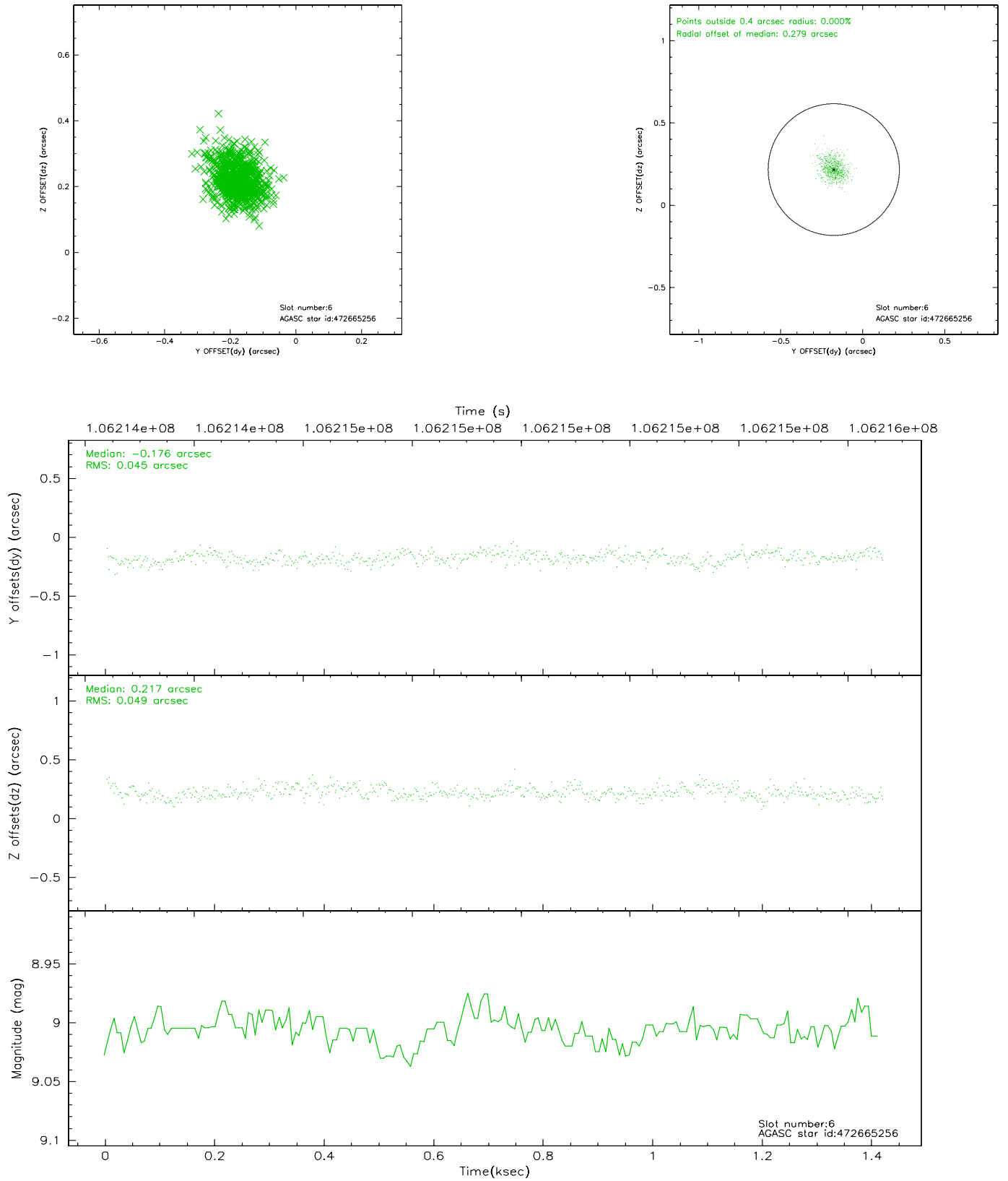
2.4.2 Slot 4



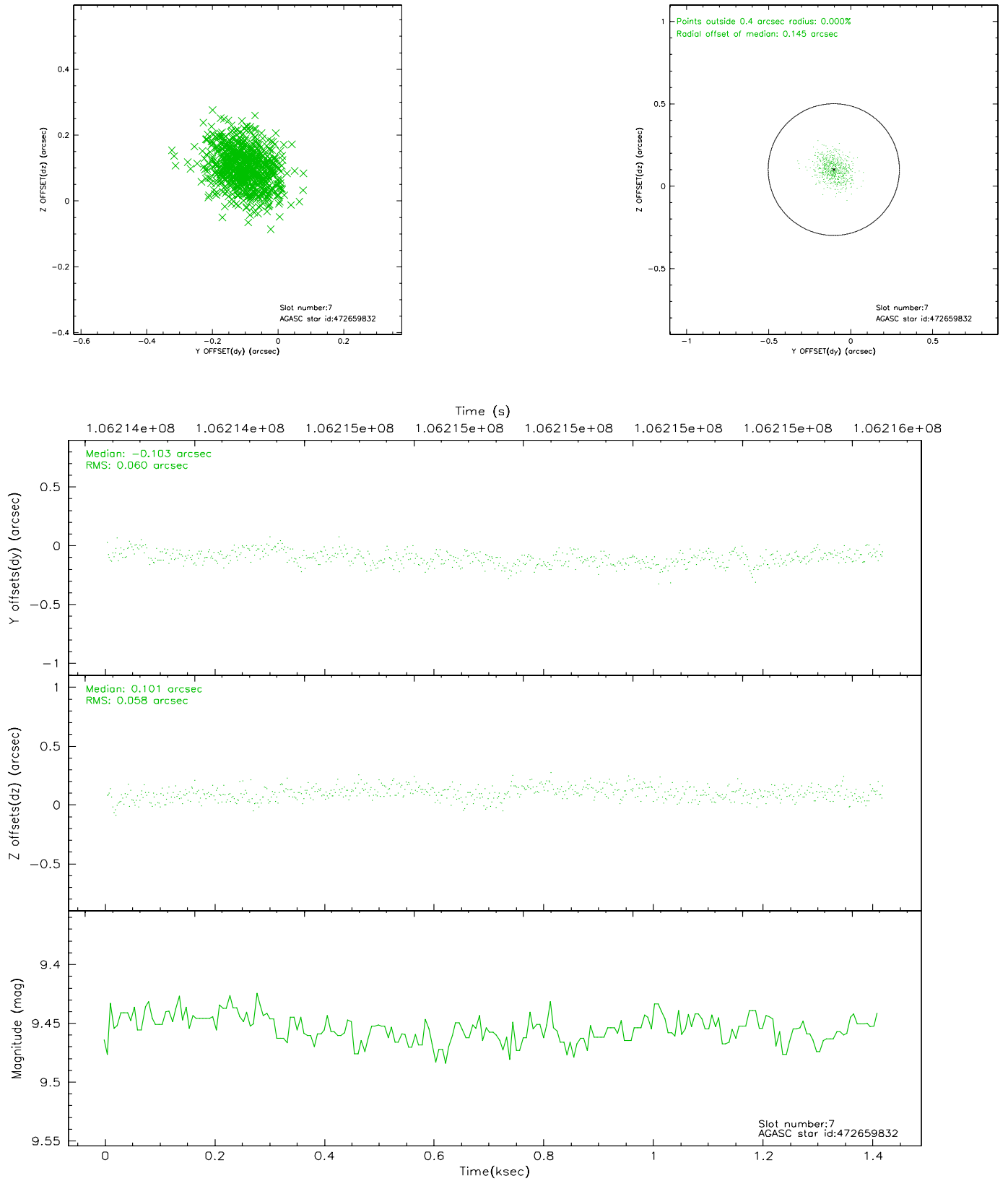
2.4.3 Slot 5



2.4.4 Slot 6

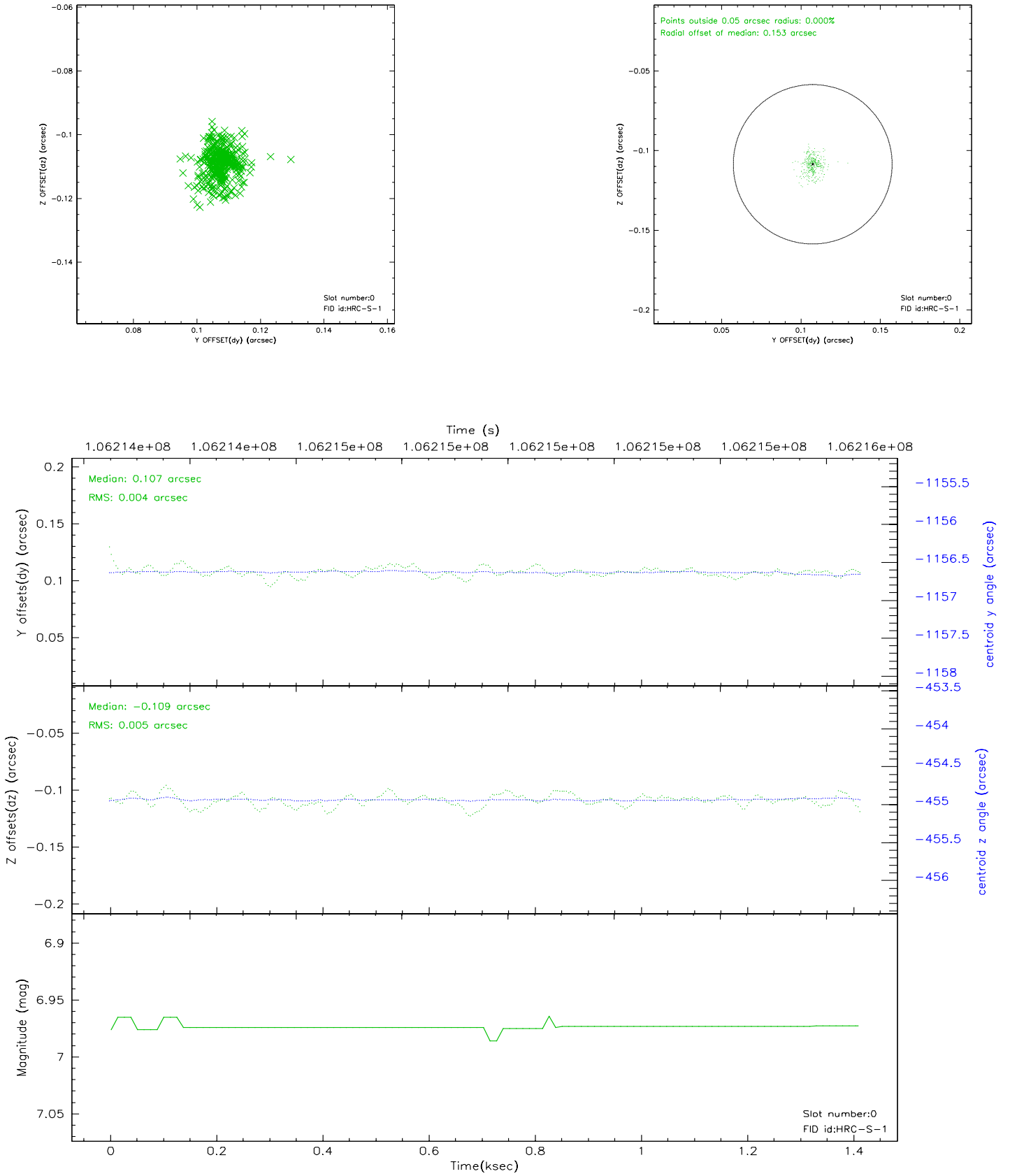


2.4.5 Slot 7

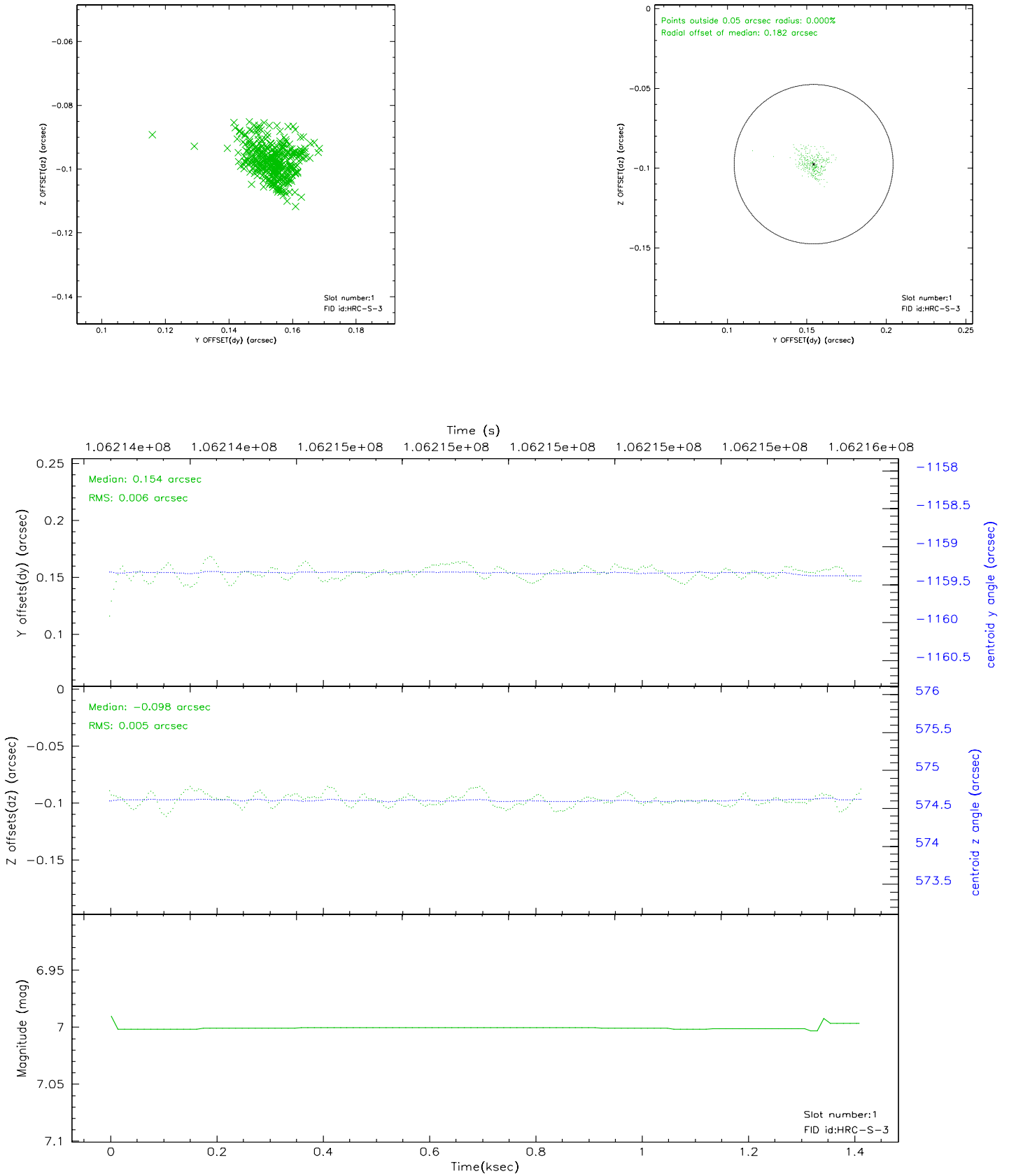


2.5 FID Slots

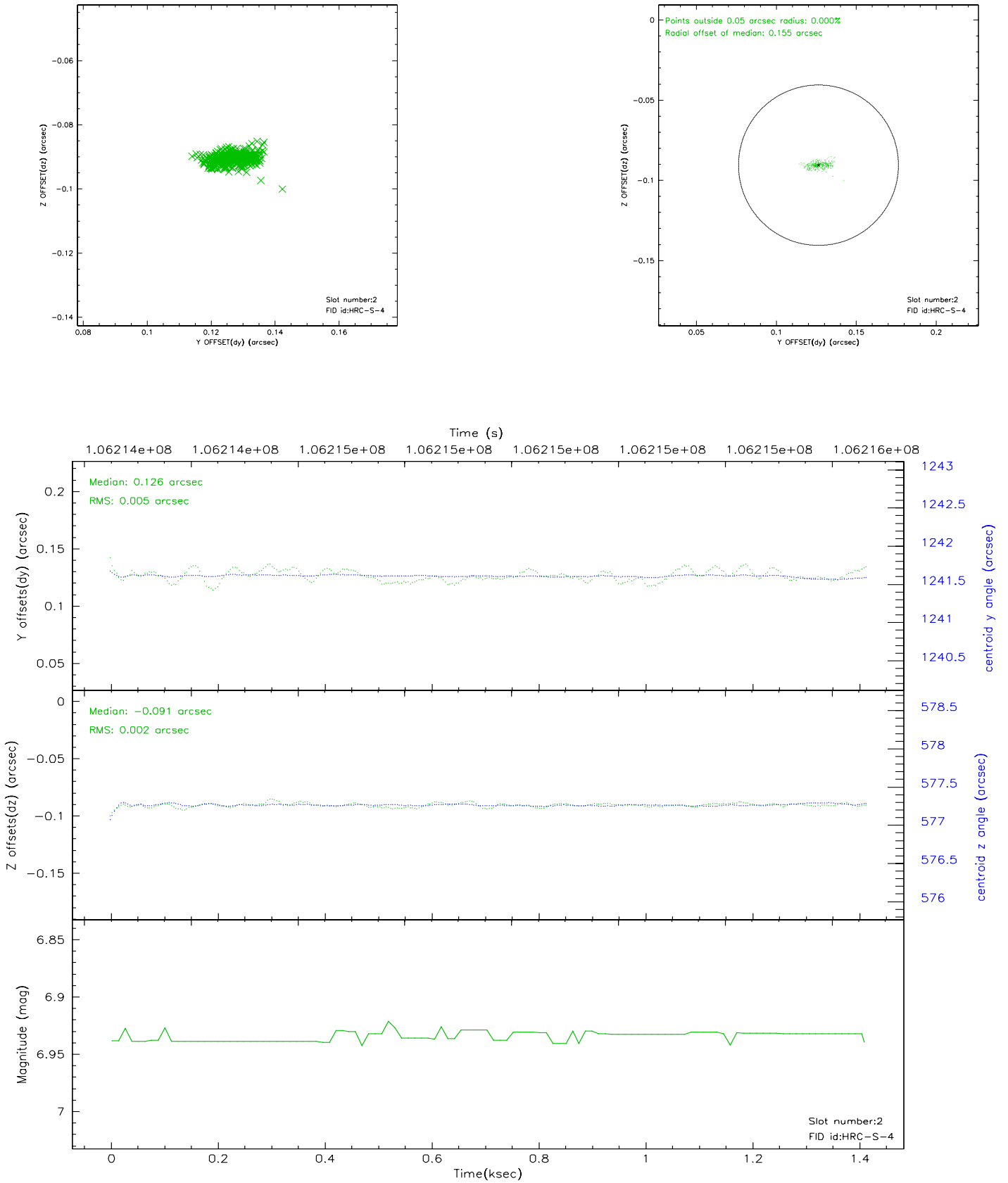
2.5.1 Slot 0



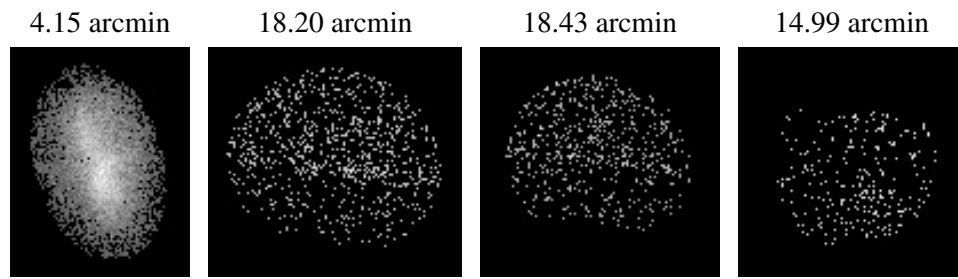
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.11.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.41

A.2 Comments