

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2354 - L2 Version 5
Chandra X-Ray Center

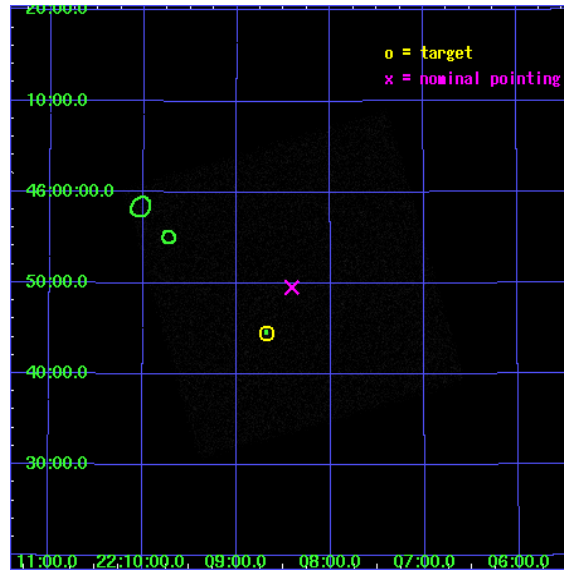
L2 Processing Date : Nov 21 2007

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1 Front

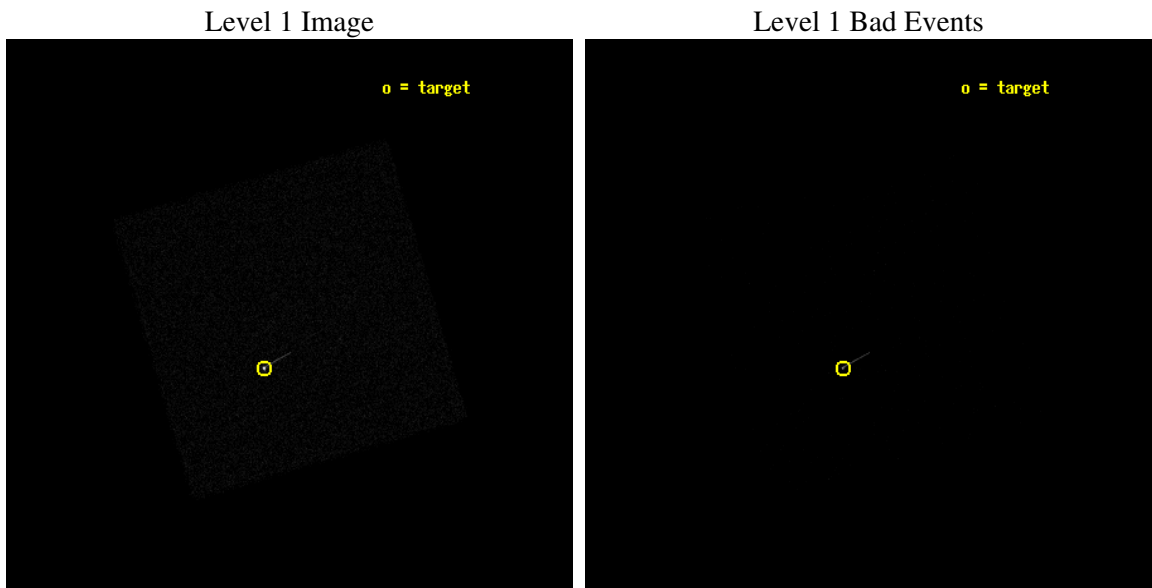
seq_num	290101
obs_id	2354
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC,HRC-I,AO2A
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.10271657459
dec_nom	45.826046548858
roll_nom	298.75310610034
revision	5
ontime	1196.4312957376
livetime	1190.5442176009
l2events	34557



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.11.2
caldbver	3.4.1
date	2007-11-21T04:47:10
revision	4

sched_exp_time	1000.000000
ontime	1196.4312957376
l1events	60457

2.1.3 Events

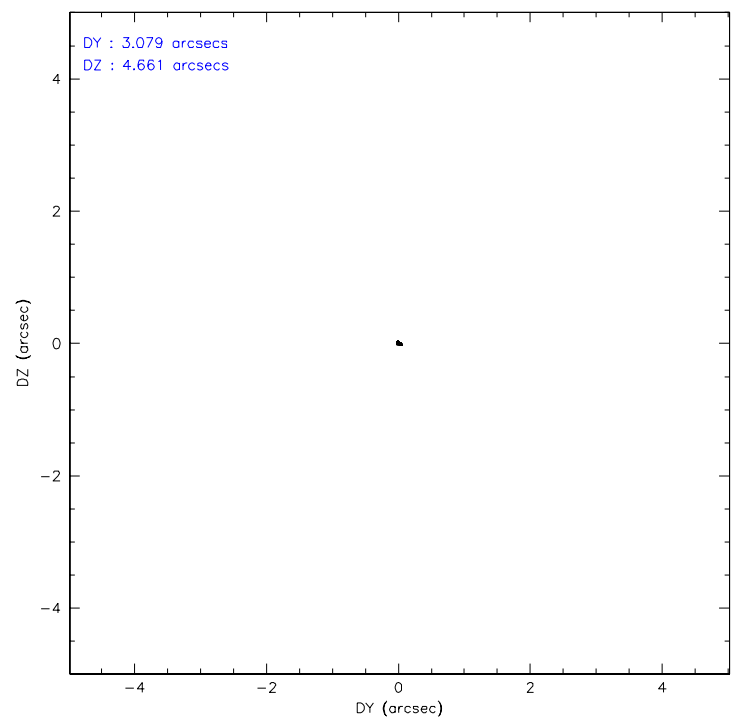
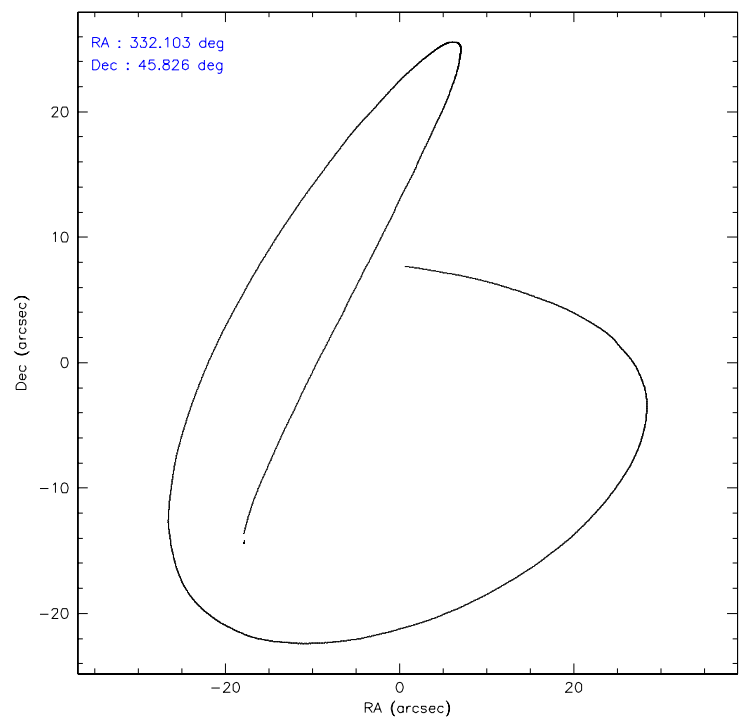
Level 1 Events

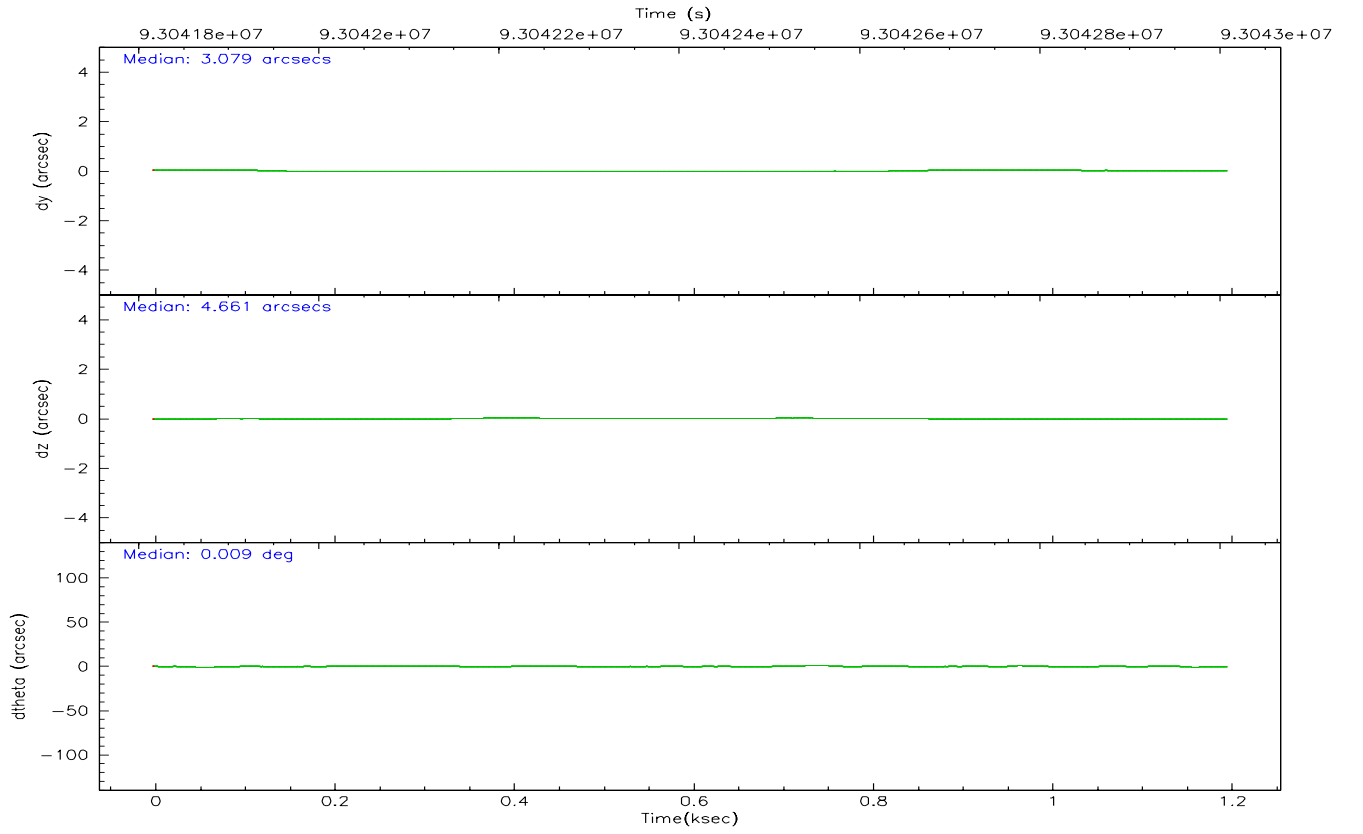
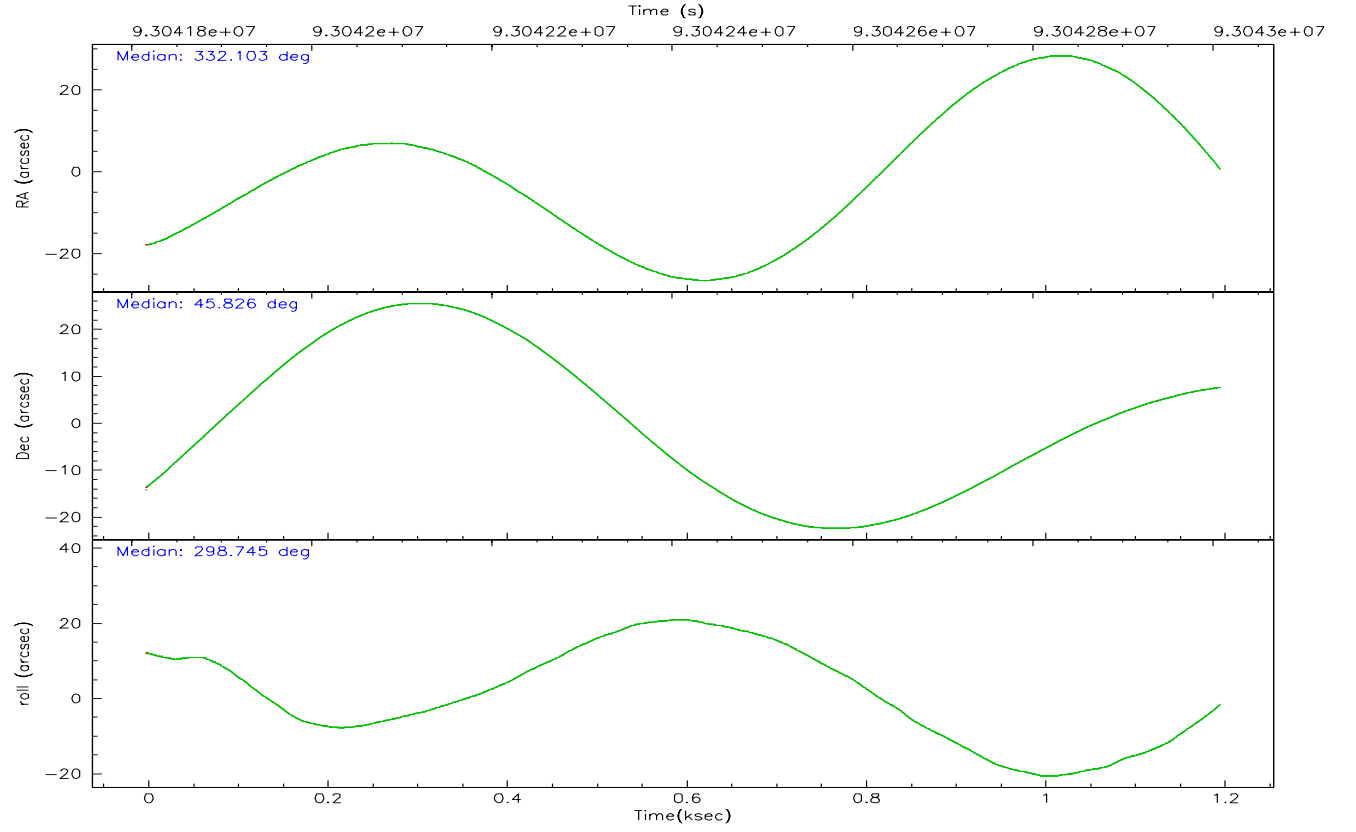
	segment 0
level 1 events	60457
rejected events	12567
rejected %	20%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	332.067773	332.1027165745924			
Pointing Dec	45.839290	45.82604654885829			
Pointing Roll	298.873645	298.7531061003384			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9854943052878			
SIM translation stage offset (mm)	0	-5.413686238853188e-06			
Observation start time	93042011.184000	93041634.800531			
Observation start date	2000-12-12T20:59:07	2000-12-12T20:53:54			
Observation end time	93043011.184000	93043145.138089			
Observation end date	2000-12-12T21:15:47	2000-12-12T21:19:05			

2.3 Aspect



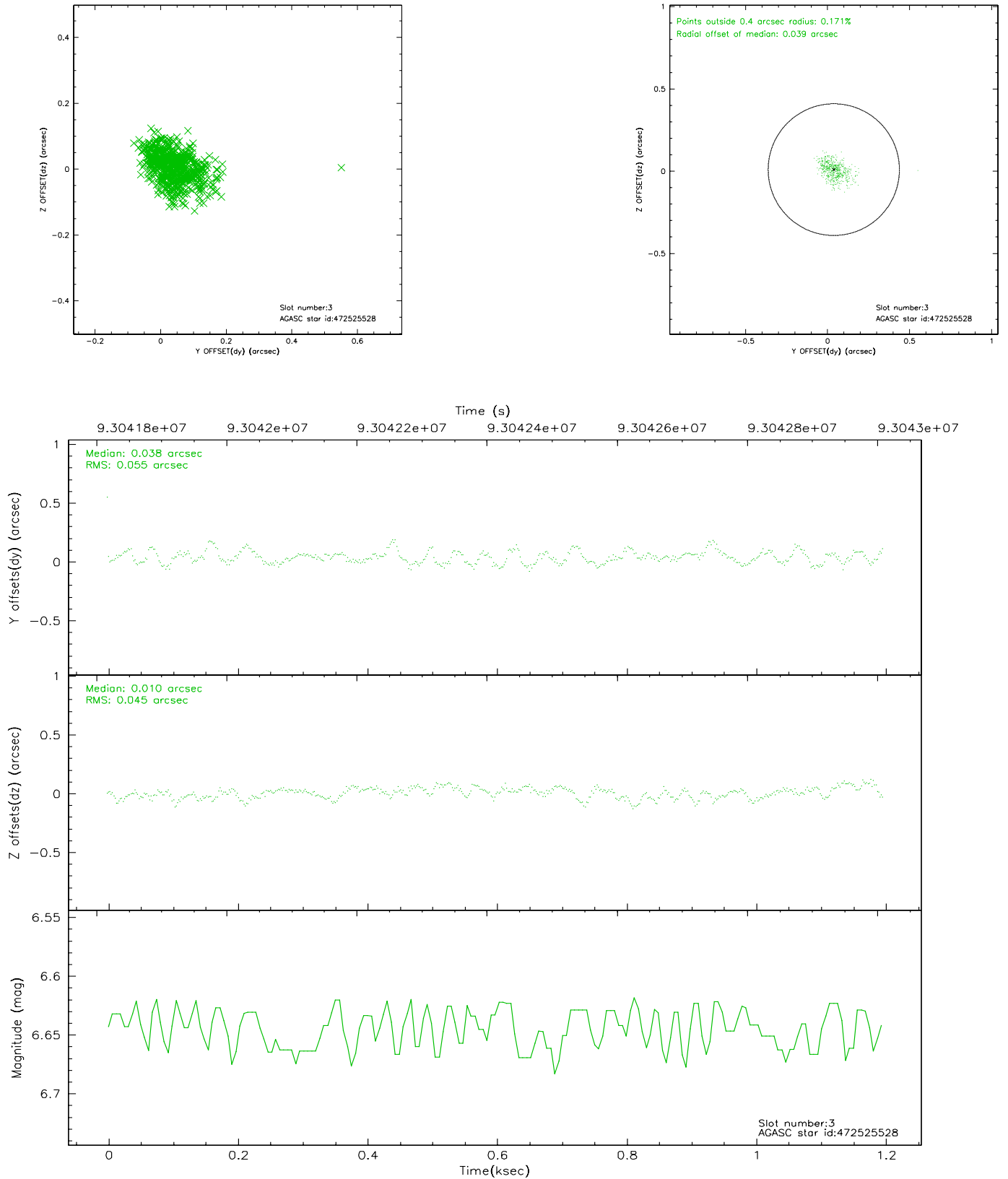


Slot Statistics

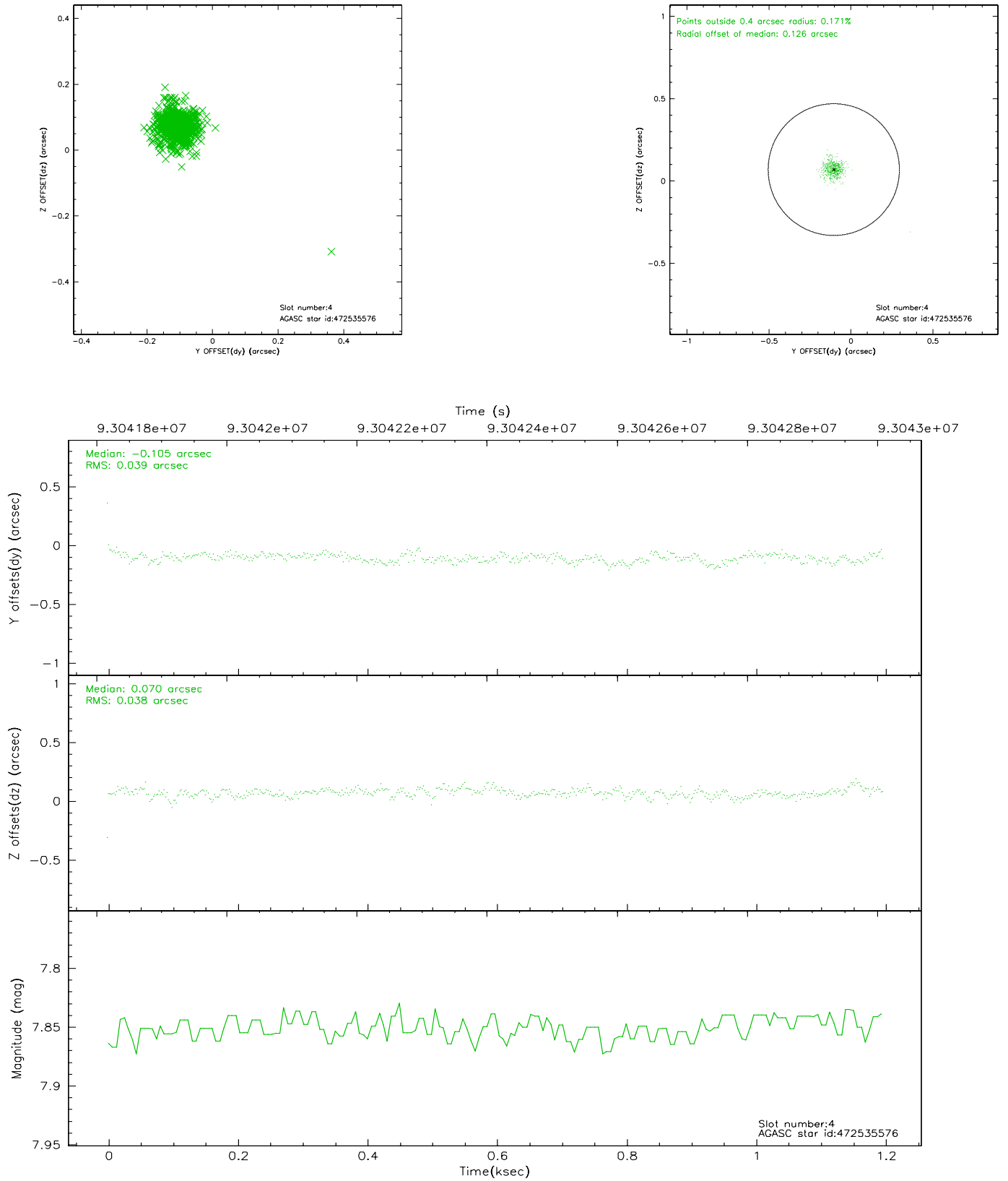
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	293	0.045	0.064	0.006	0.011	0.000000	0.000000	-758.53	-1292.43
1	FID	HRC-I-3	7.05	293	0.034	-0.099	0.007	0.012	0.000000	0.000000	-1189.60	1007.57
2	FID	HRC-I-4	6.99	293	0.035	-0.054	0.005	0.008	0.000000	0.000000	1280.21	1013.05
3	GUIDE	472525528	6.64	585	0.038	0.010	0.071	0.122	331.551102	45.248694	1226.23	-2175.52
4	GUIDE	472535576	7.85	585	-0.105	0.070	0.050	0.085	331.438373	46.291802	-2185.84	-589.65
5	GUIDE	472523760	8.24	585	-0.022	-0.123	0.055	0.088	331.645363	45.403260	853.09	-1696.92
6	GUIDE	472665256	9.01	583	-0.112	-0.132	0.074	0.128	332.808125	46.195041	-237.07	2230.81
7	GUIDE	472646552	9.63	584	0.203	0.173	0.103	0.160	333.120915	45.571877	2108.91	1867.61

2.4 Star Slots

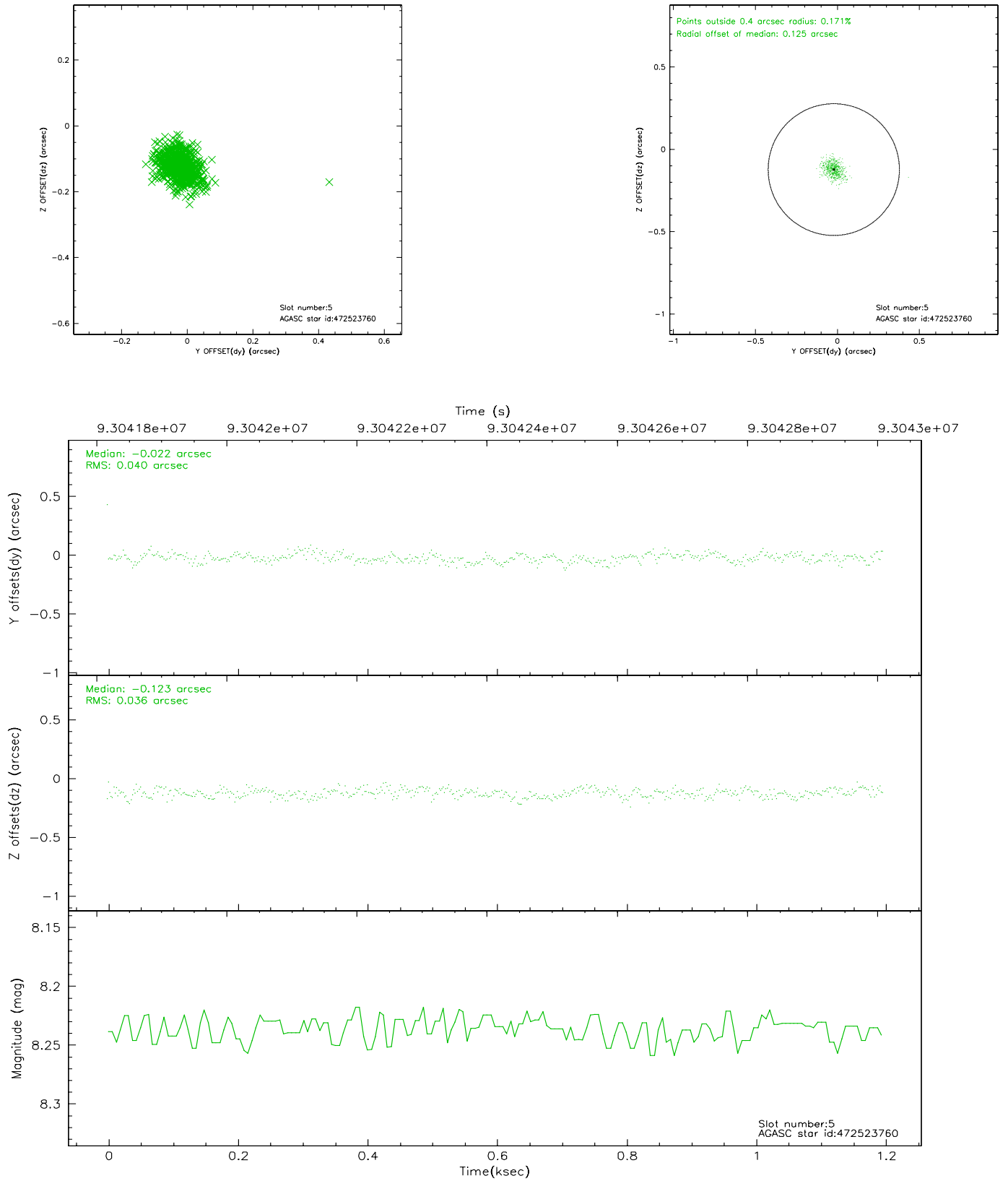
2.4.1 Slot 3



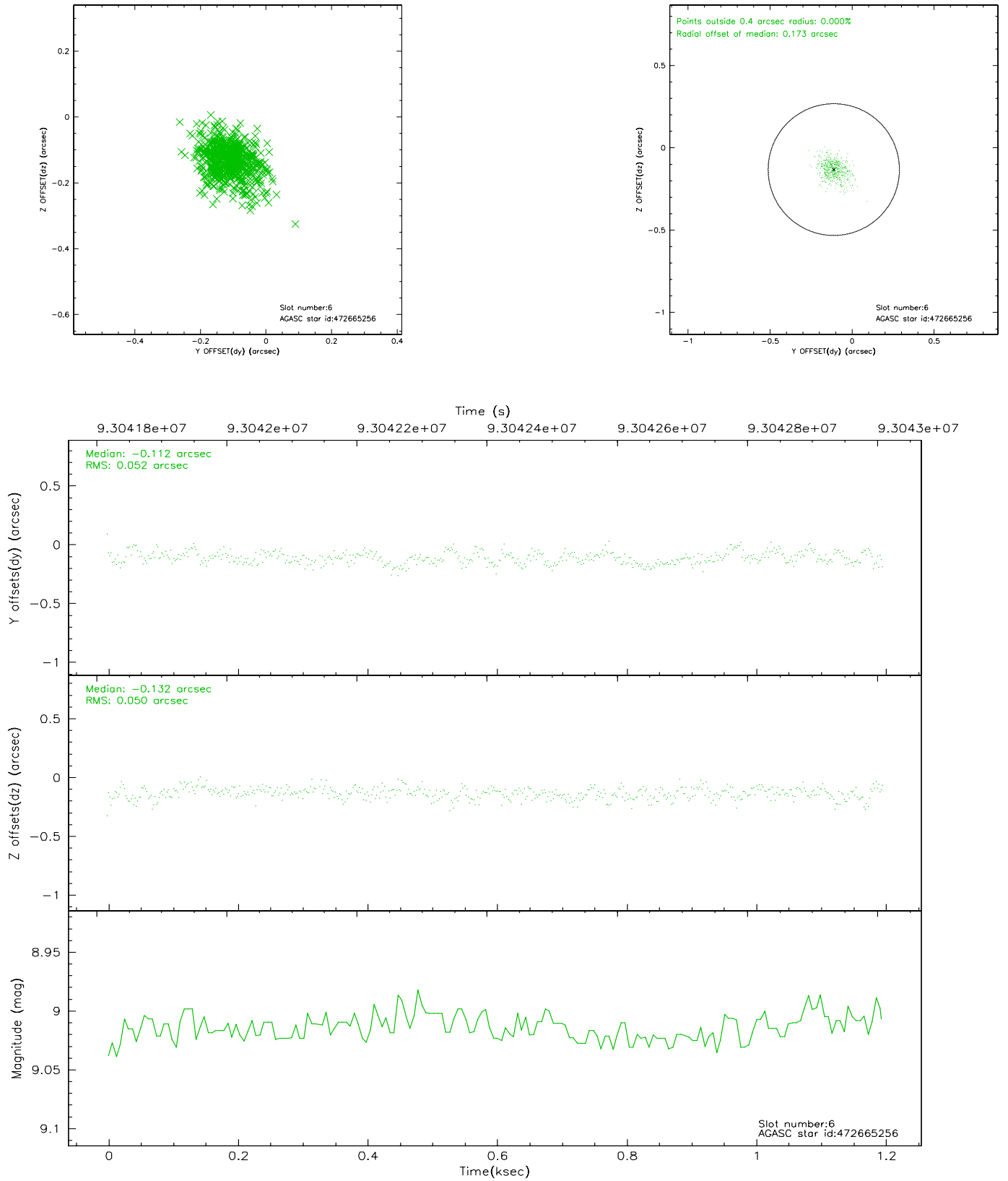
2.4.2 Slot 4



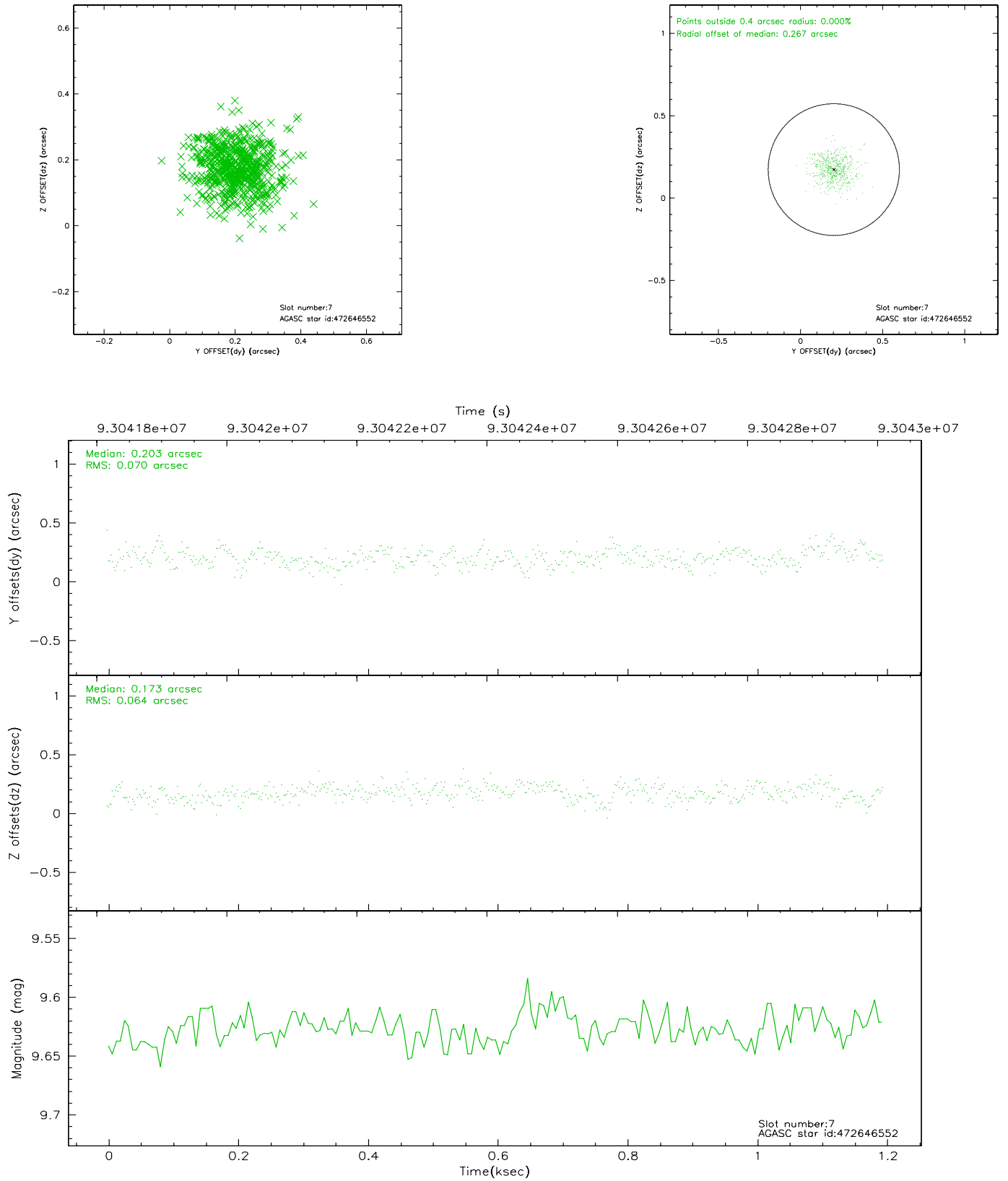
2.4.3 Slot 5



2.4.4 Slot 6

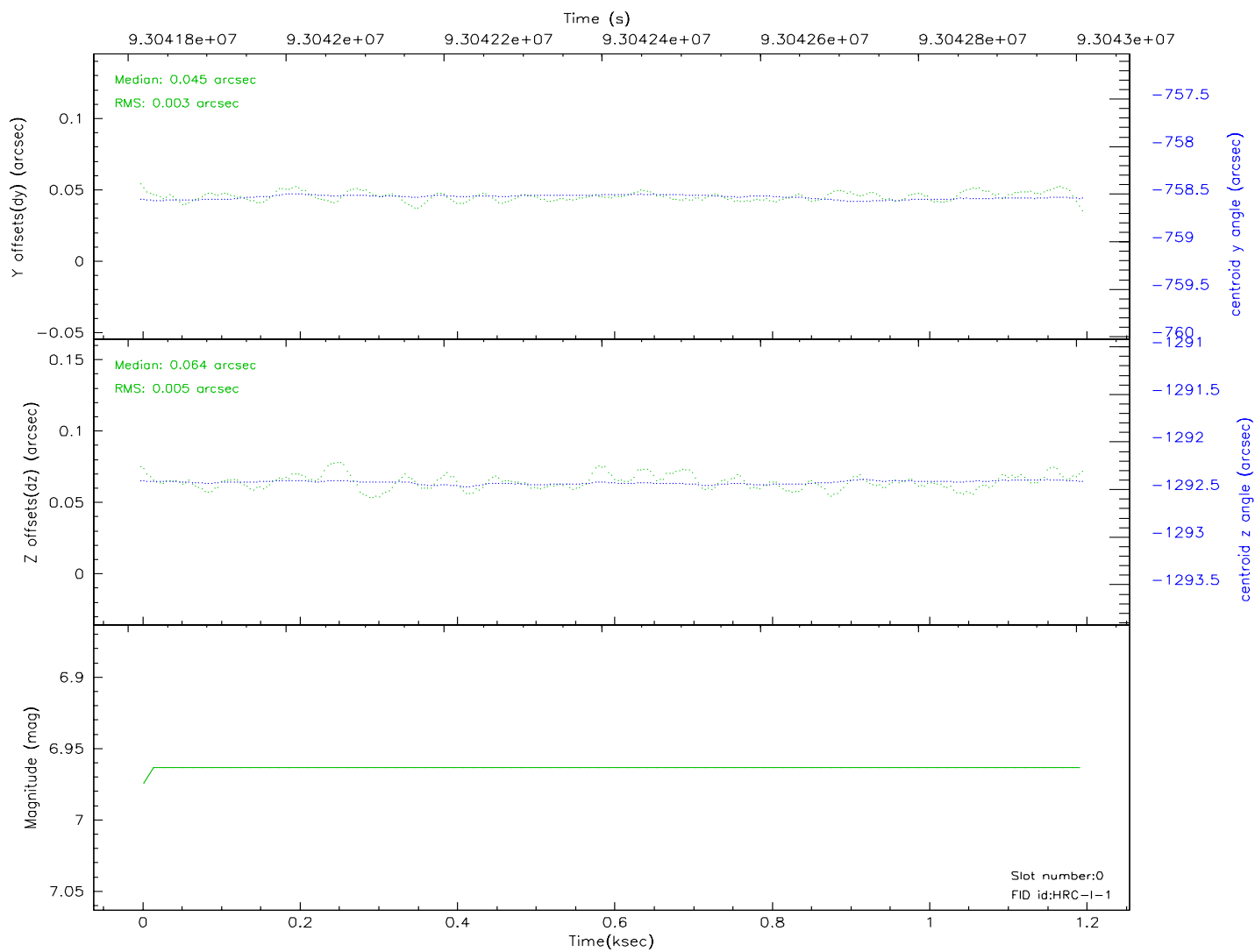
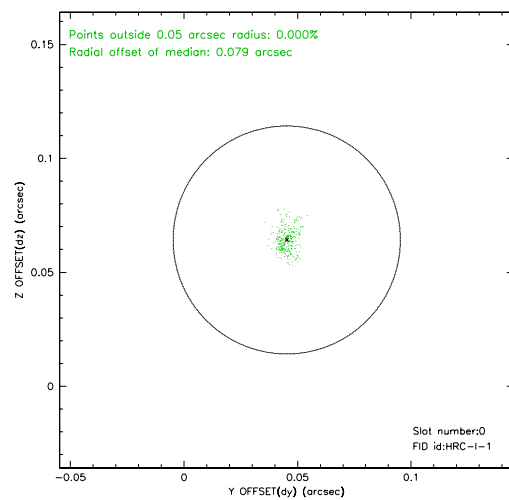
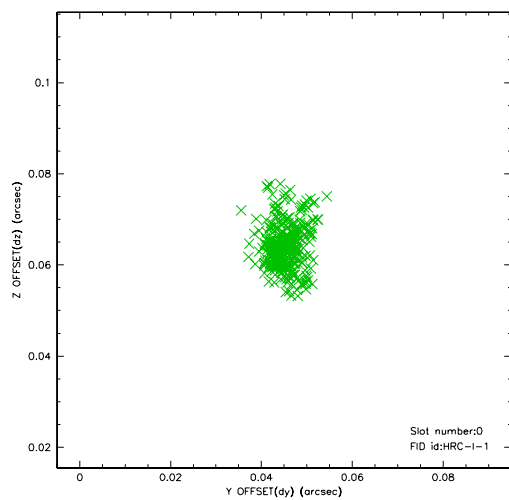


2.4.5 Slot 7

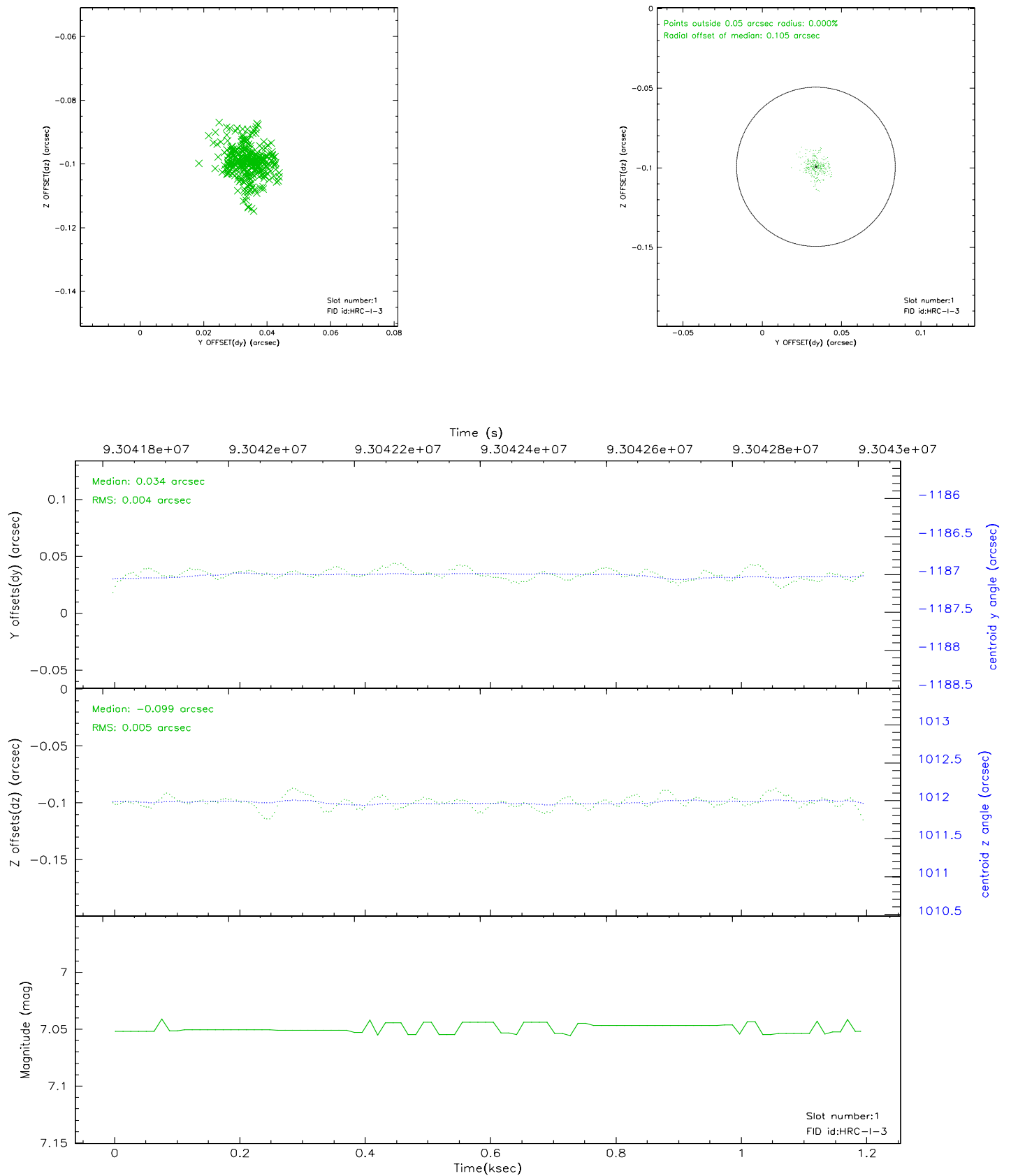


2.5 FID Slots

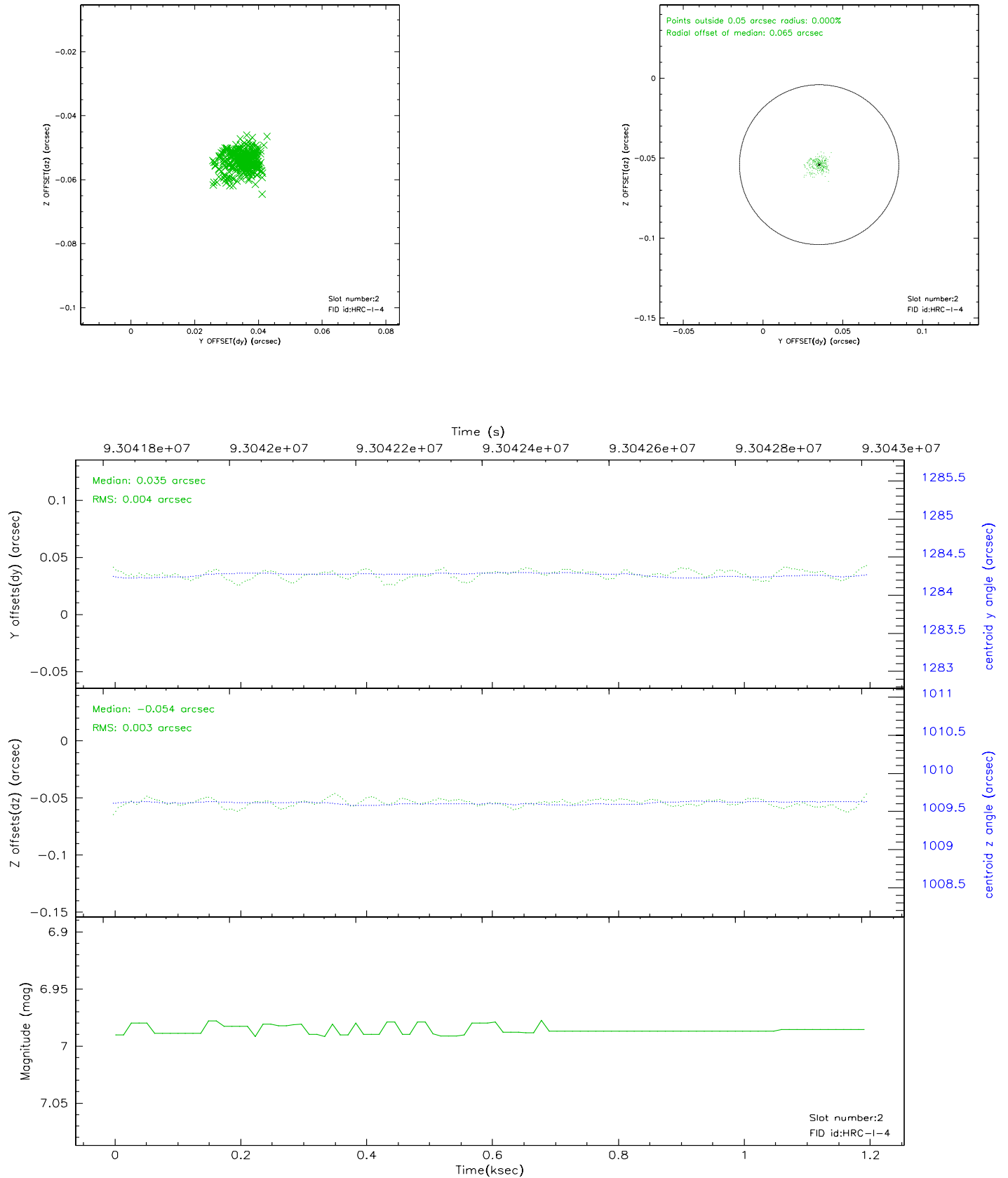
2.5.1 Slot 0



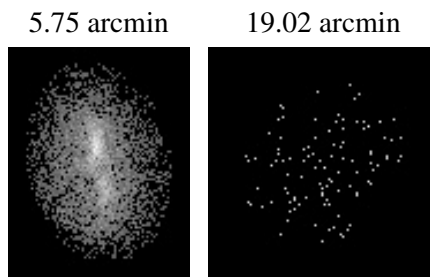
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.196

A.2 Comments

The current observation has been reprocessed as part of Repro III ('C' supplement) the purpose of which is to update all HRC-I ObsIDs since Jan 2000 to the latest calibrations available for that configuration. Specifically, we are updating the DEGAP solution and the Gain Maps applied. For more information see the Repro IIIC web page at

<http://asc.harvard.edu/cda/repro3.html#IIIC>

and the associated links.