

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2363 - L2 Version 4
Chandra X-Ray Center

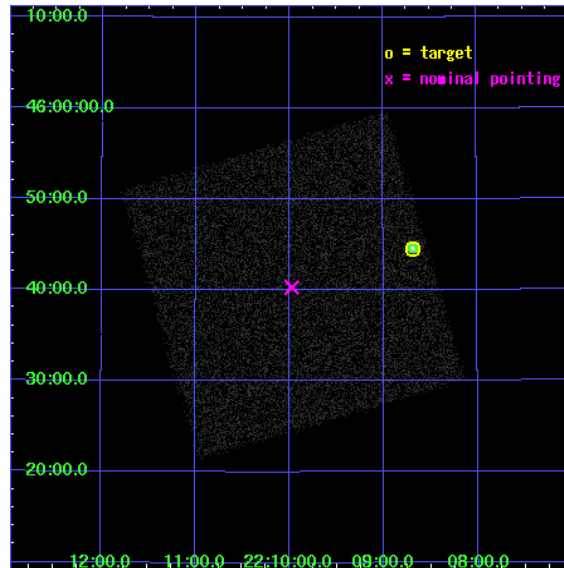
L2 Processing Date : Nov 21 2007

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1 Front

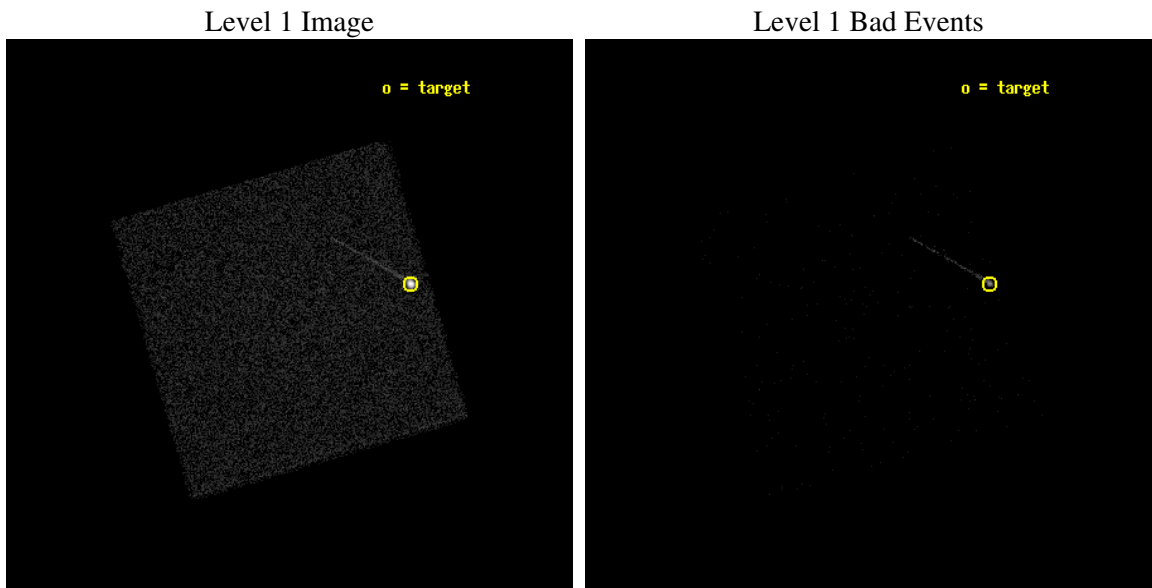
seq_num	290110
obs_id	2363
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC,HRC-I,AO2A
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.49365062804
dec_nom	45.671915790421
roll_nom	298.62199550384
revision	4
ontime	1192.3312955797
livetime	1186.574187512
l2events	33061



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	2007-11-21T06:10:23
revision	4

sched_exp_time	1000.000000
ontime	1192.3312955797
l1events	58587

2.1.3 Events

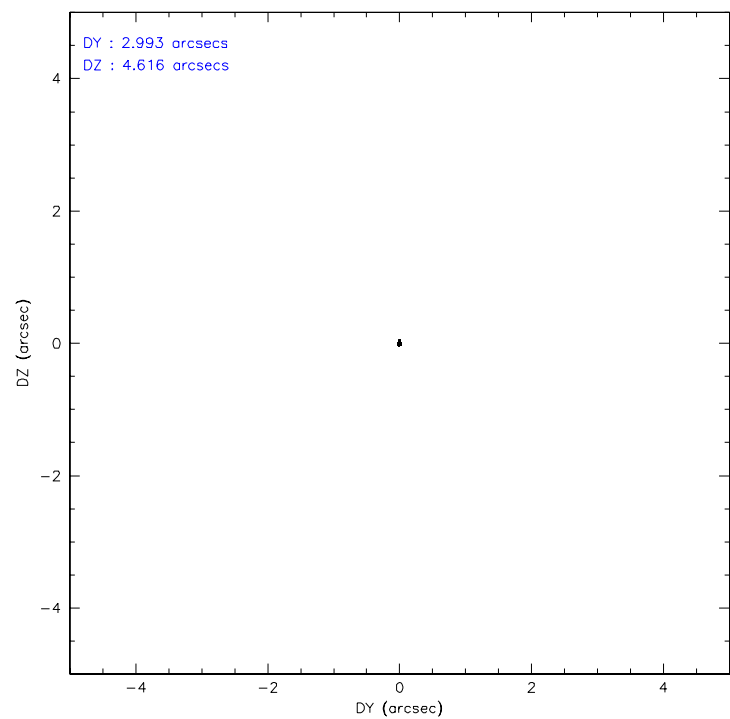
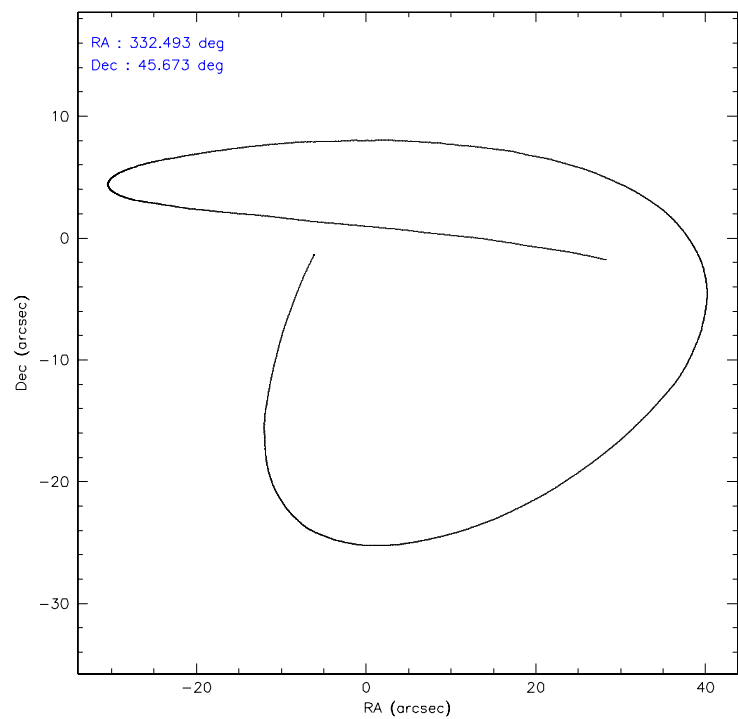
Level 1 Events

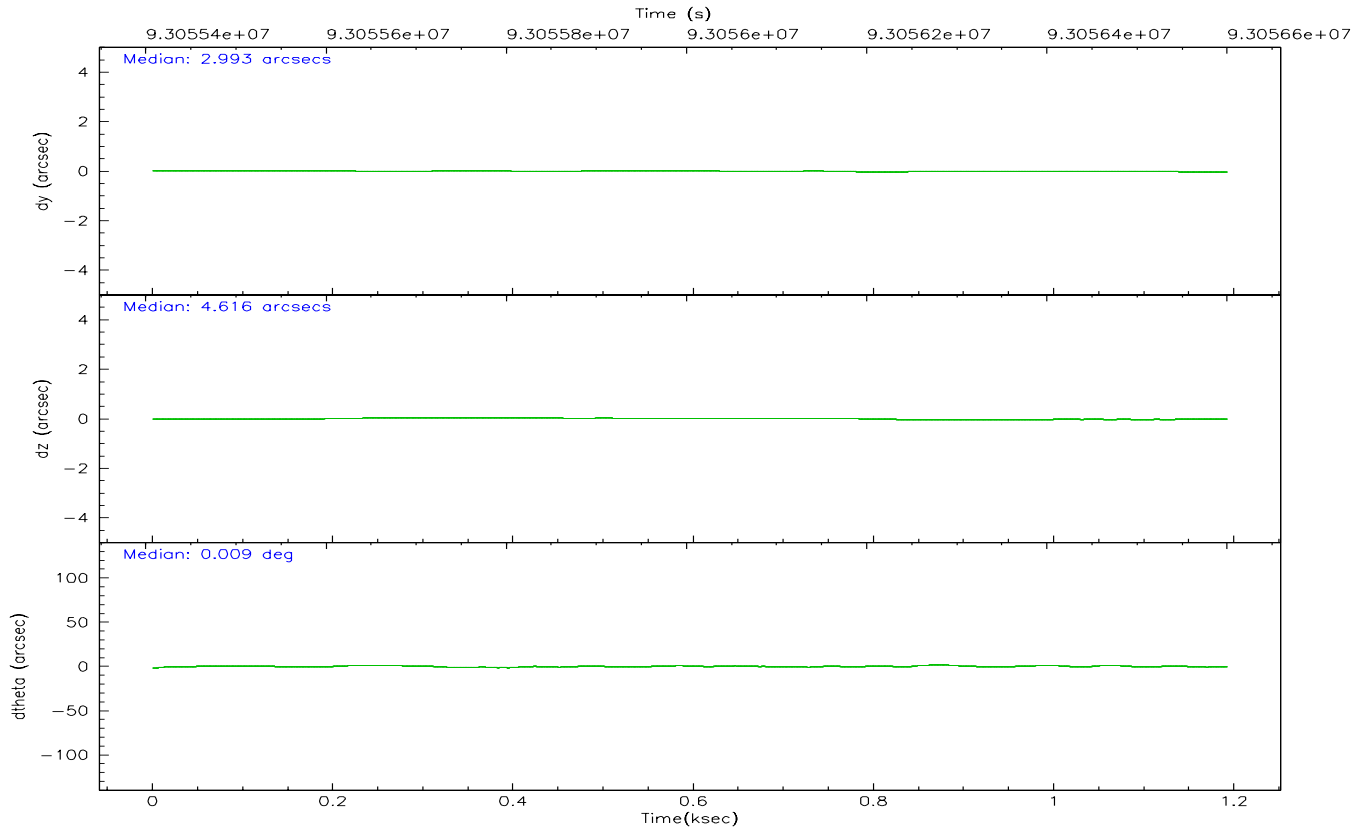
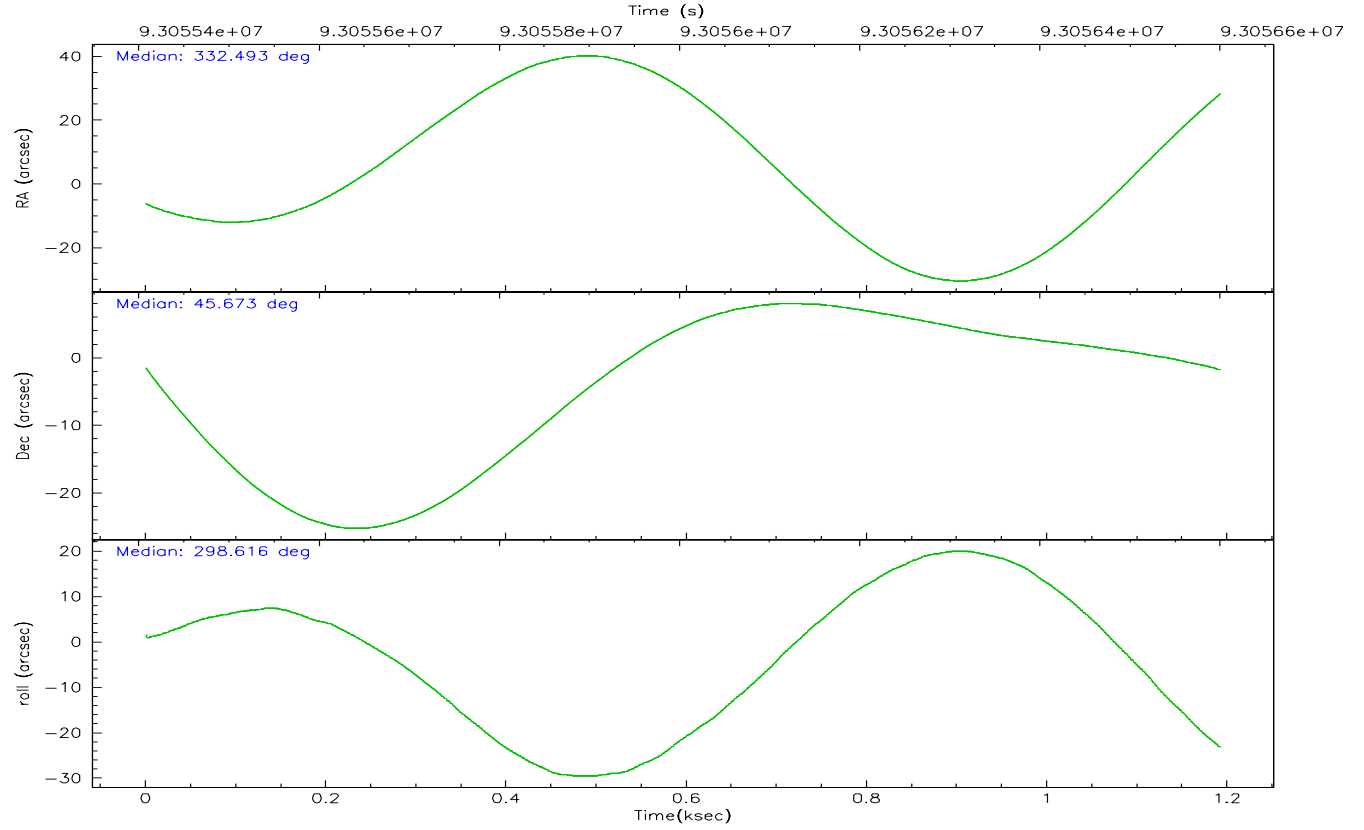
	segment 0
level 1 events	58587
rejected events	12286
rejected %	20%

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	332.461223	332.4936506280439			
Pointing Dec	45.686104	45.67191579042068			
Pointing Roll	298.740672	298.6219955038423			
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	93055601.184000	93055224.76355			
Observation start date	2000-12-13T00:45:37	2000-12-13T00:40:24			
Observation end time	93056601.184000	93056734.588608			
Observation end date	2000-12-13T01:02:17	2000-12-13T01:05:34			

2.3 Aspect



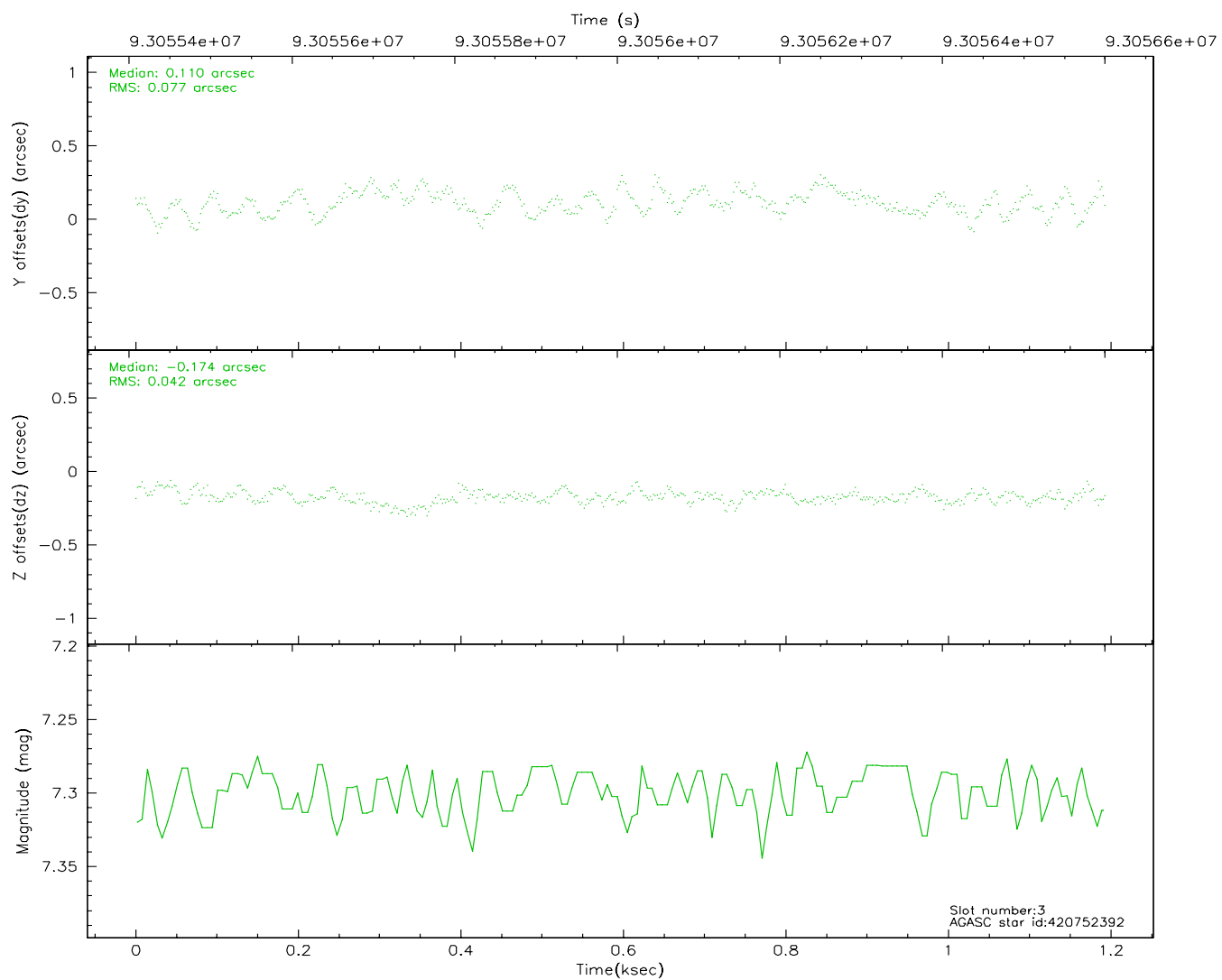
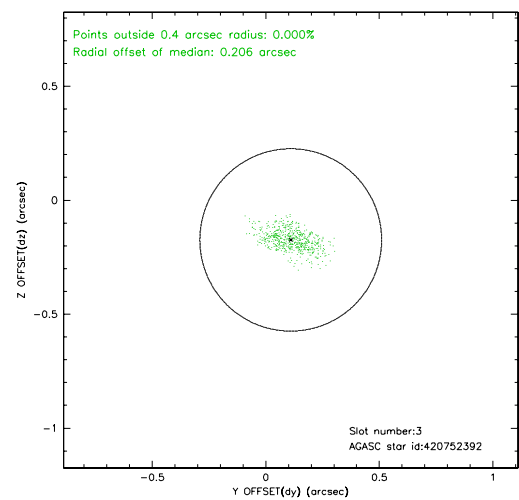
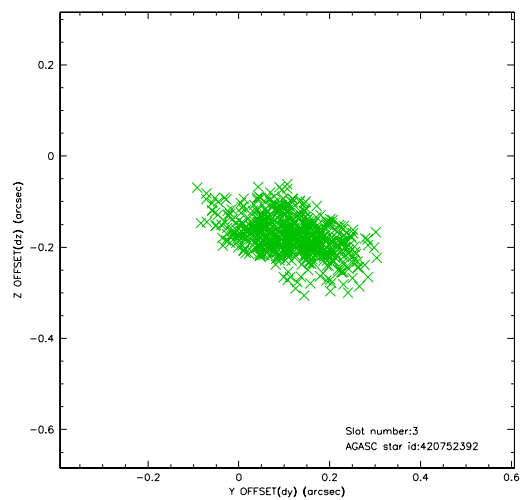


Slot Statistics

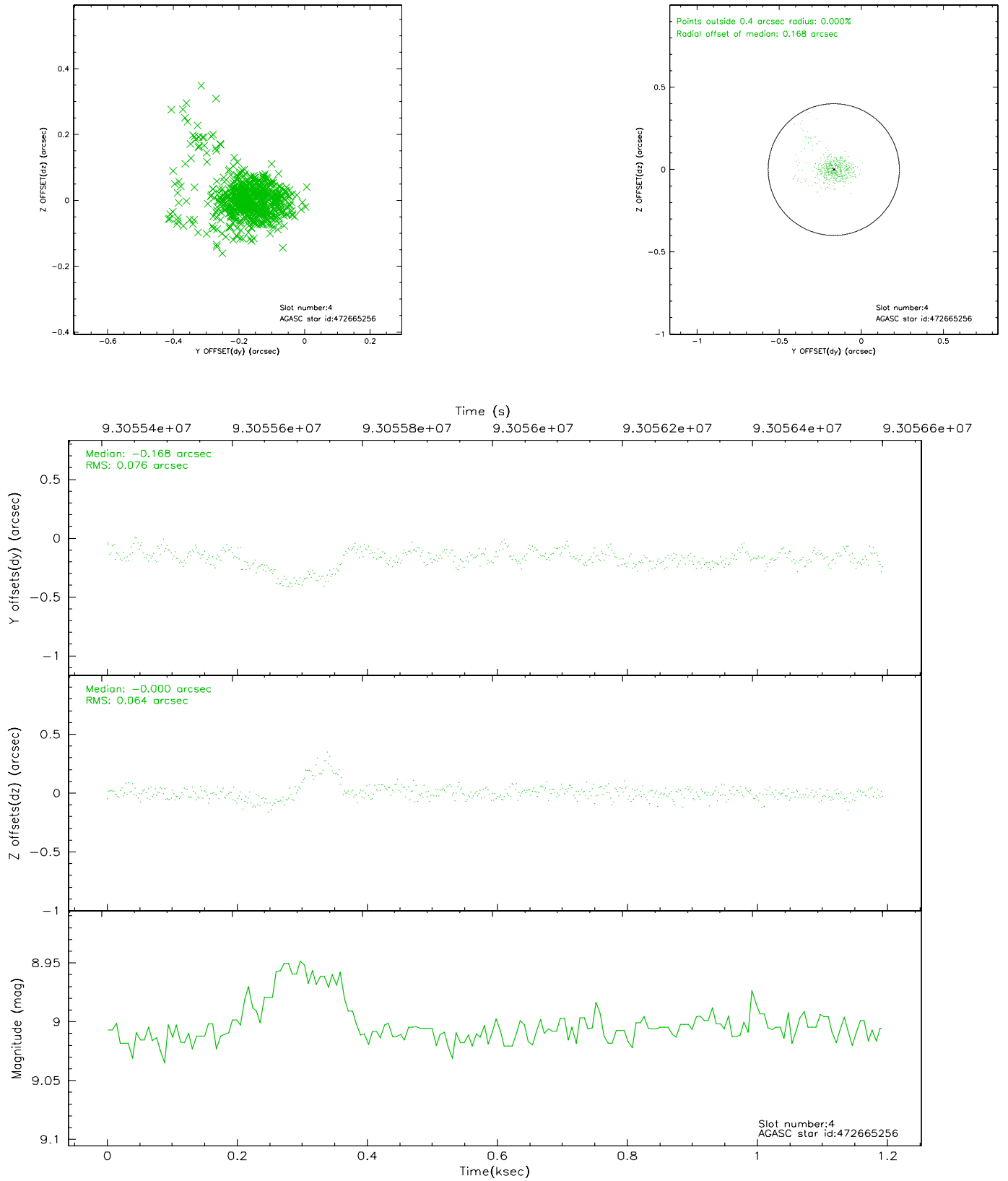
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	291	0.045	0.064	0.009	0.014	0.000000	0.000000	-758.43	-1292.38
1	FID	HRC-I-3	7.05	291	0.034	-0.100	0.009	0.018	0.000000	0.000000	-1189.52	1007.59
2	FID	HRC-I-4	6.98	291	0.036	-0.054	0.007	0.015	0.000000	0.000000	1280.28	1013.12
3	GUIDE	420752392	7.30	583	0.110	-0.174	0.092	0.161	332.271848	44.854756	2392.00	-1859.89
4	GUIDE	472665256	9.01	583	-0.168	-0.000	0.085	0.223	332.808125	46.195041	-1188.36	1639.25
5	GUIDE	472659832	9.46	583	-0.021	0.090	0.094	0.151	332.780399	46.098139	-920.74	1418.12
6	GUIDE	472655152	9.43	583	-0.019	-0.007	0.098	0.153	332.504239	45.862991	-507.80	405.82
7	GUIDE	472646552	9.61	582	0.095	0.082	0.094	0.150	333.120915	45.571877	1153.39	1266.83

2.4 Star Slots

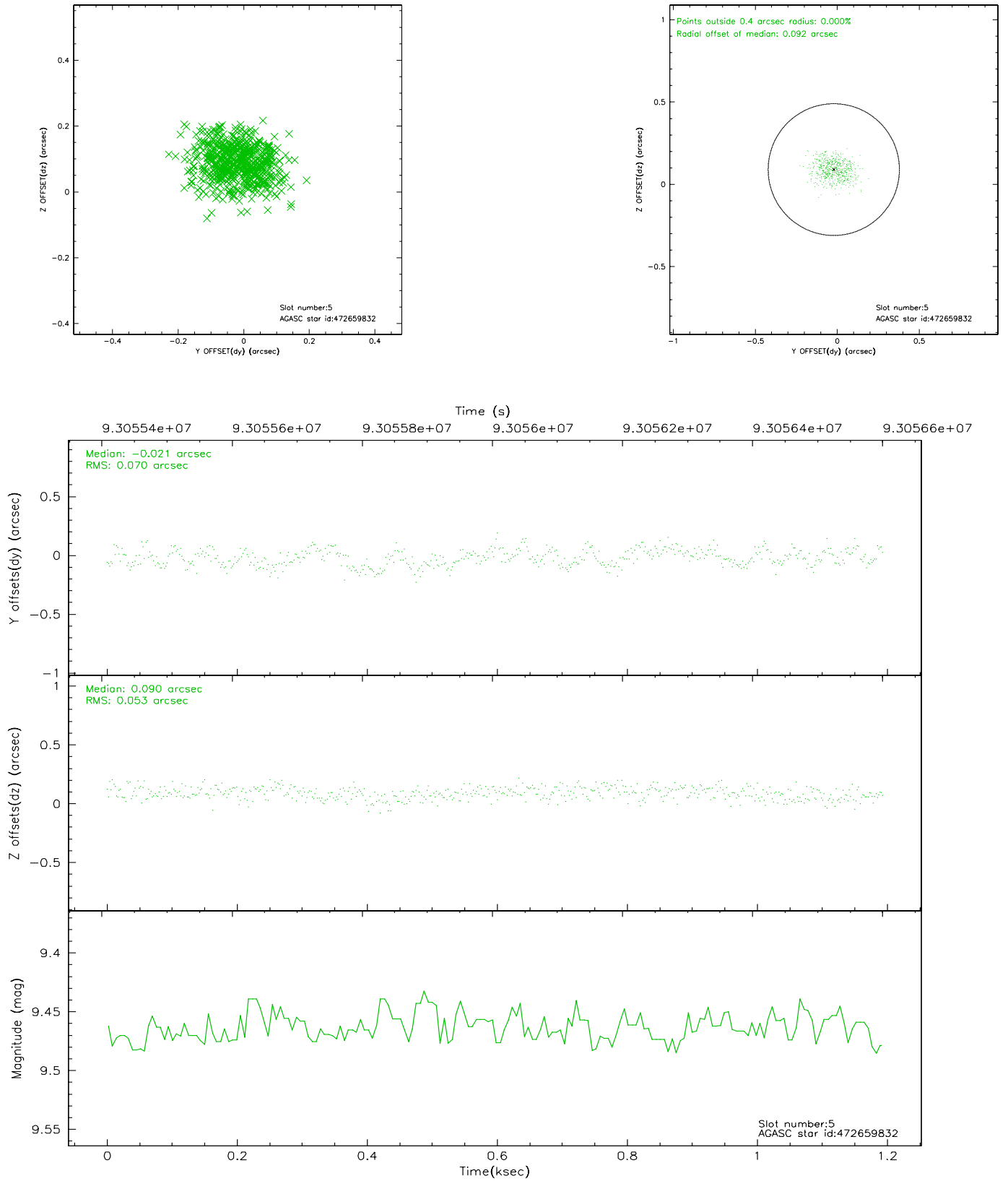
2.4.1 Slot 3



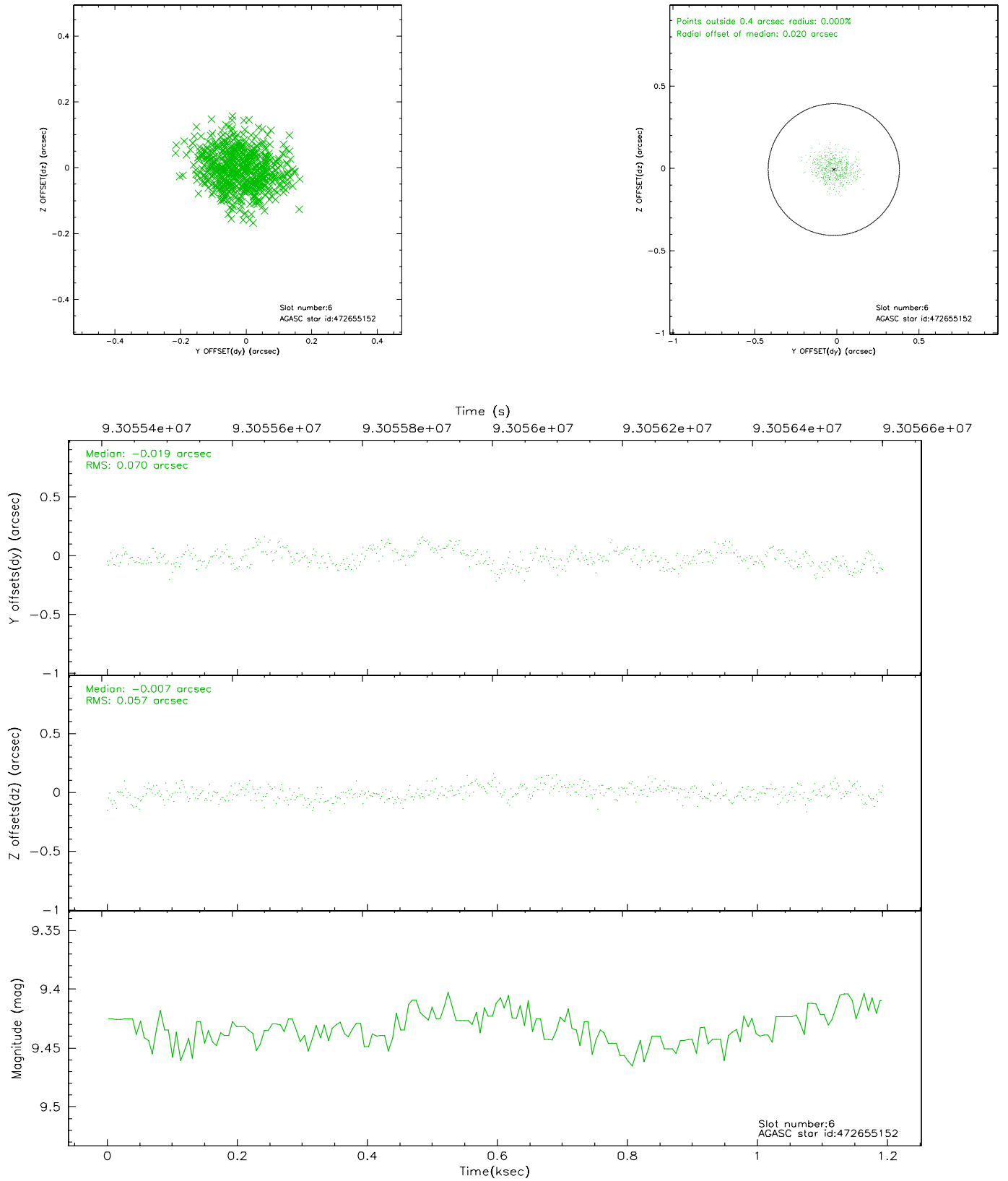
2.4.2 Slot 4



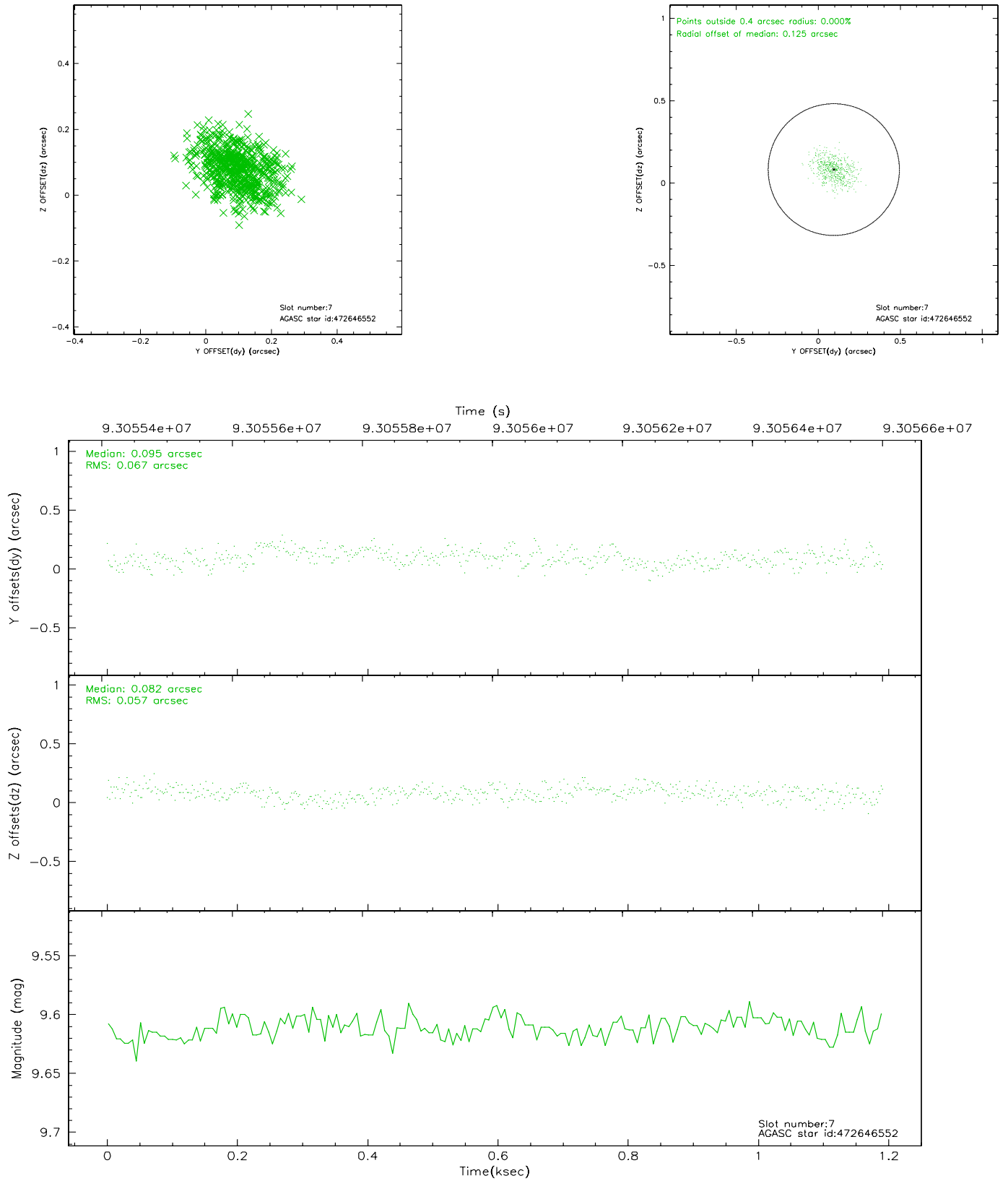
2.4.3 Slot 5



2.4.4 Slot 6

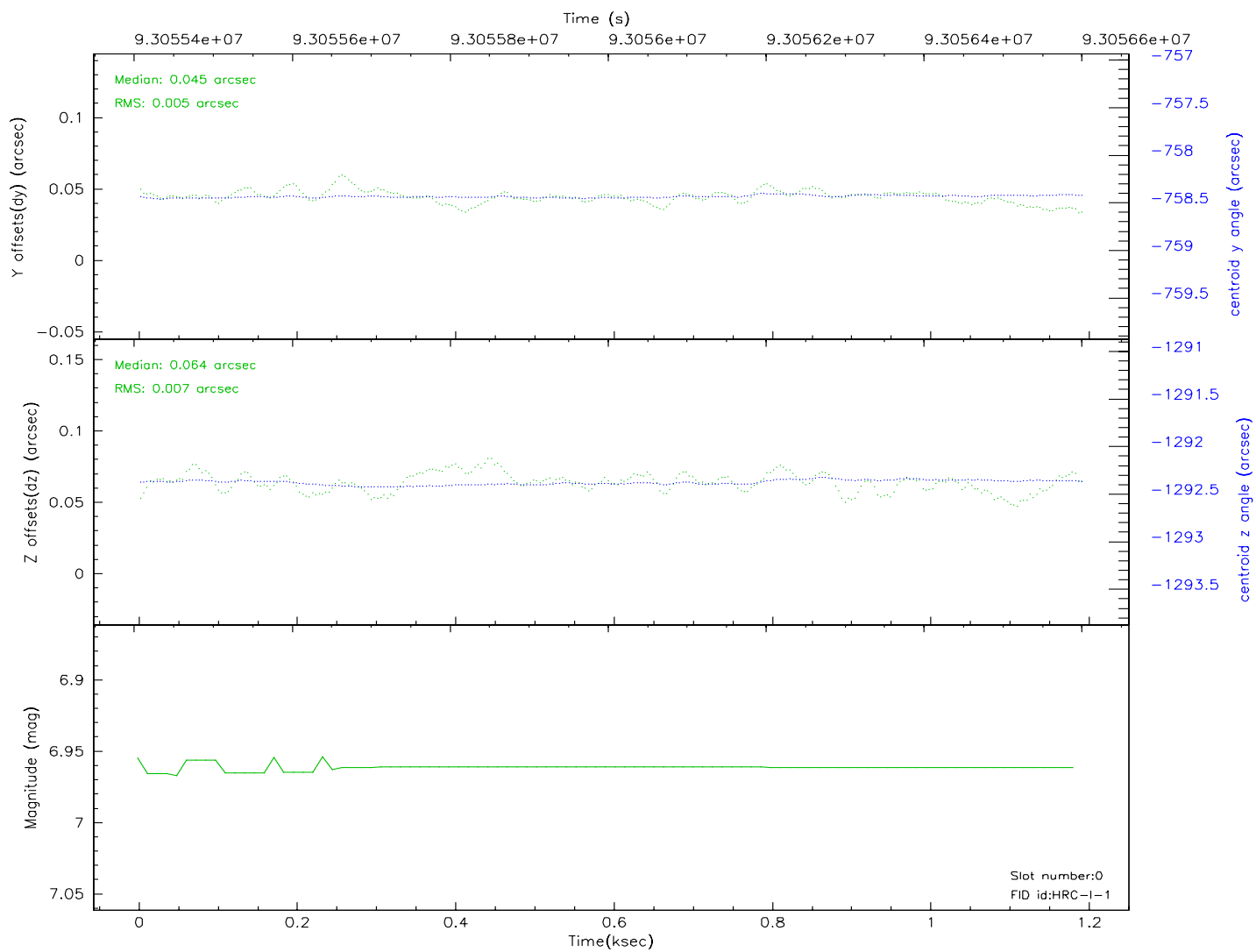
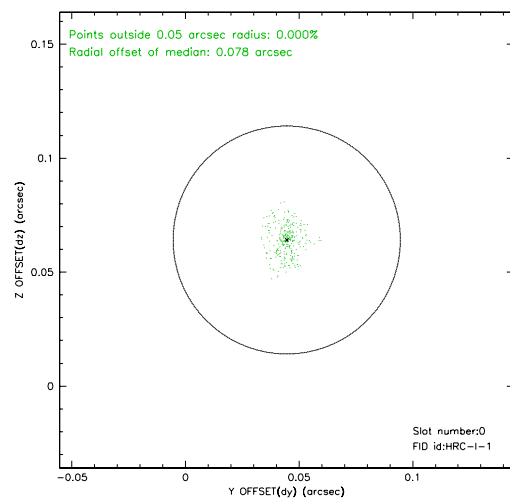
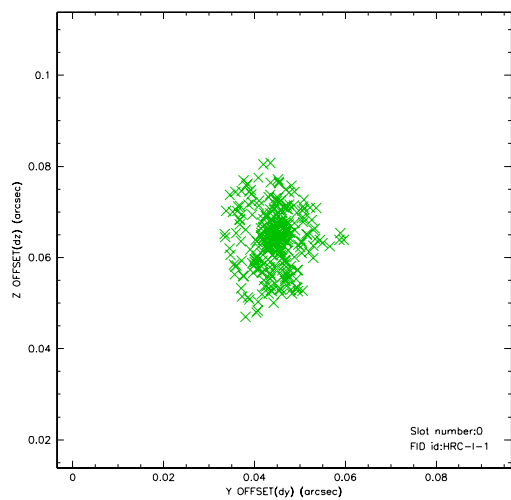


2.4.5 Slot 7

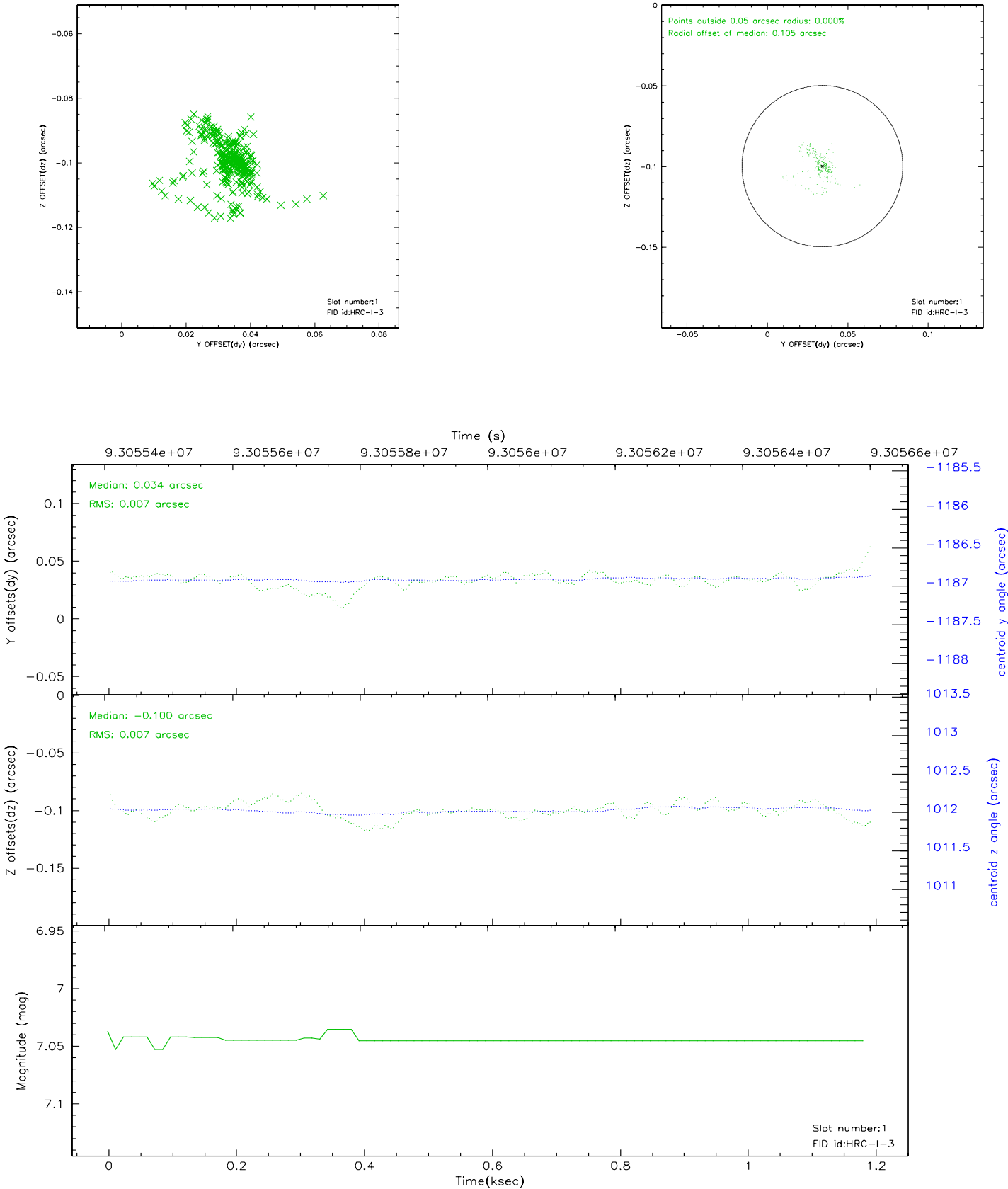


2.5 FID Slots

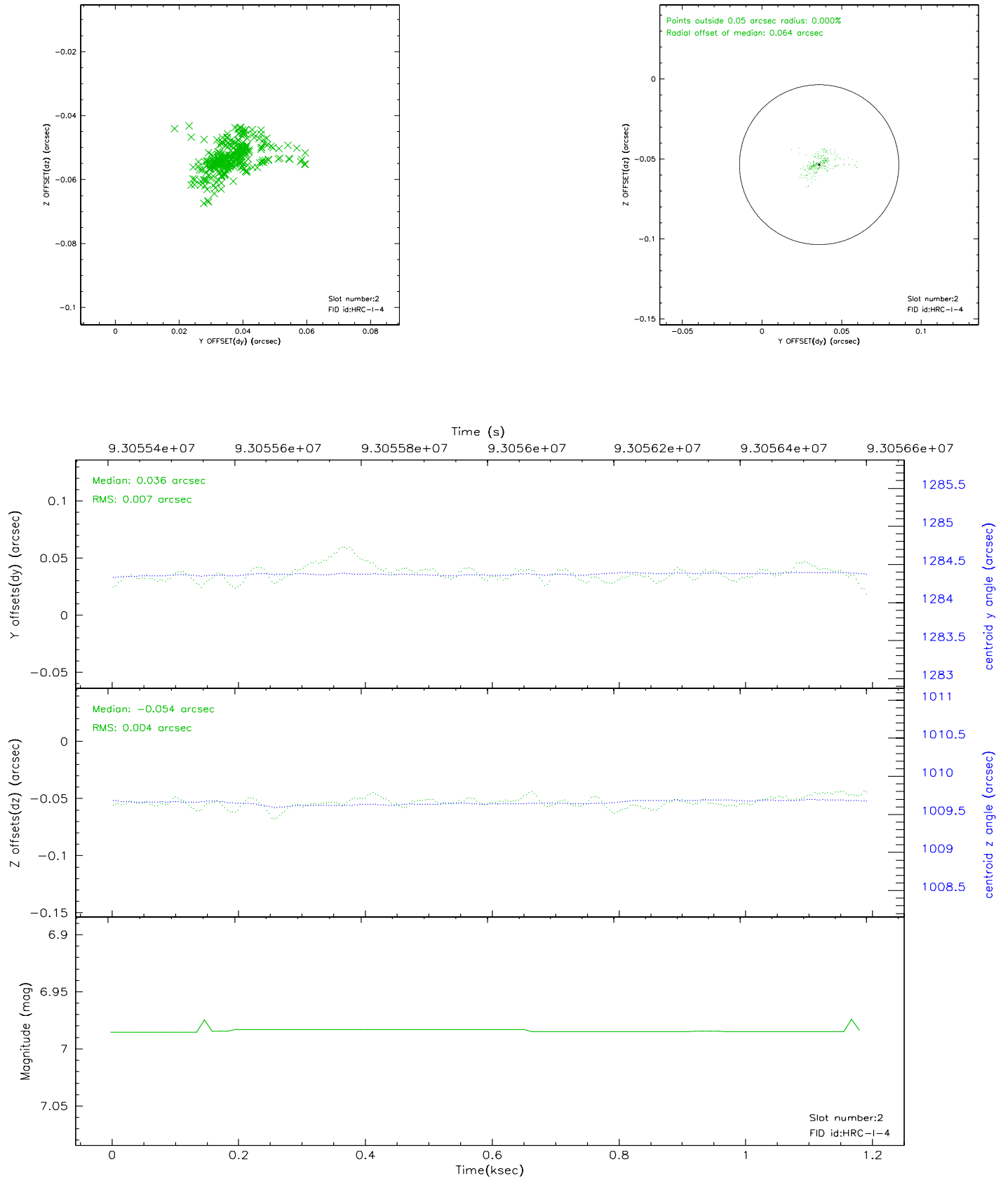
2.5.1 Slot 0



2.5.2 Slot 1

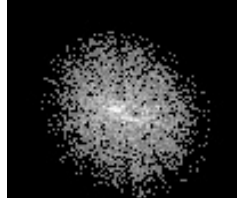


2.5.3 Slot 2



3 Point Sources

14.19 arcmin



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	1.192

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.