

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2345 - L2 Version 5
Chandra X-Ray Center

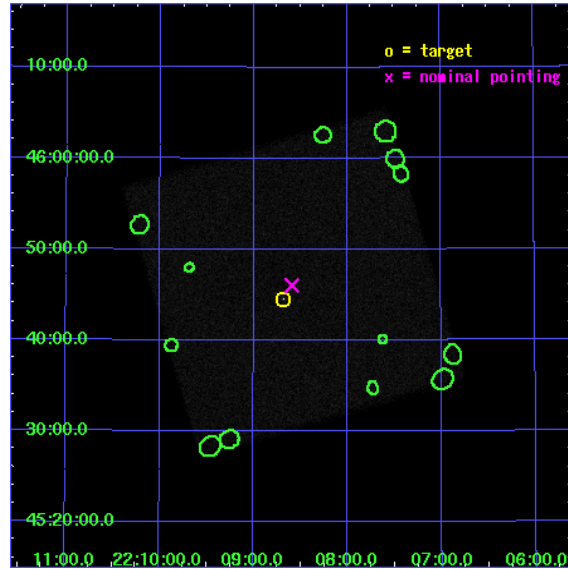
L2 Processing Date : Nov 20 2007

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1 Front

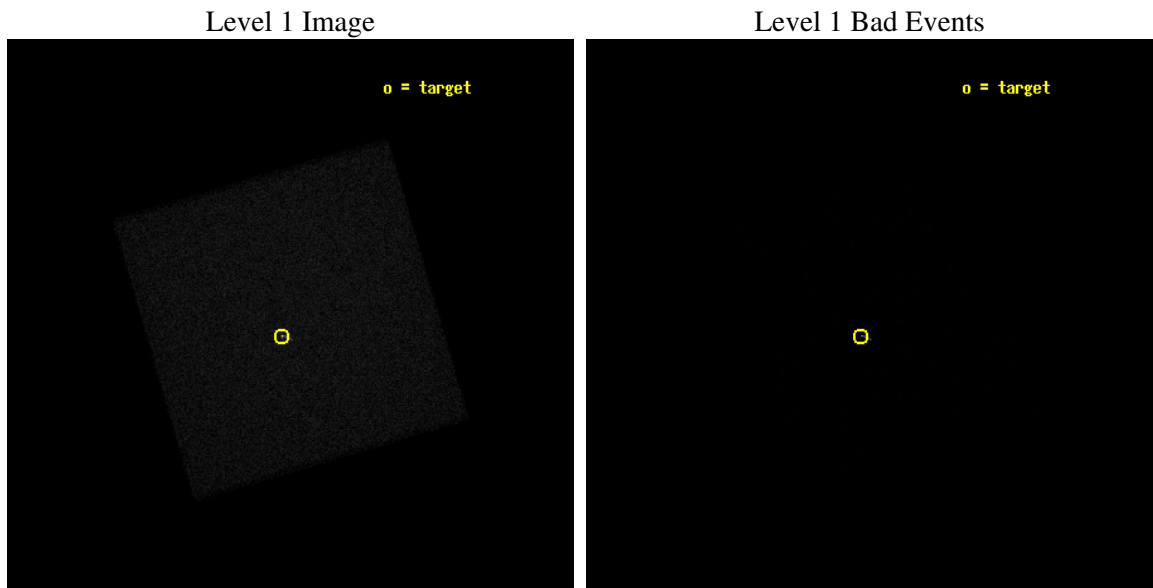
seq_num	290092
obs_id	2345
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC,HRC-I,AO2A
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.14788287741
dec_nom	45.76726831357
roll_nom	298.59653386685
revision	5
ontime	1190.2812955081
livetime	1167.8231553744
l2events	150508



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	2007-11-21T04:05:11
revision	4

sched_exp_time	1000.000000
ontime	1190.2812955081
l1events	229629

2.1.3 Events

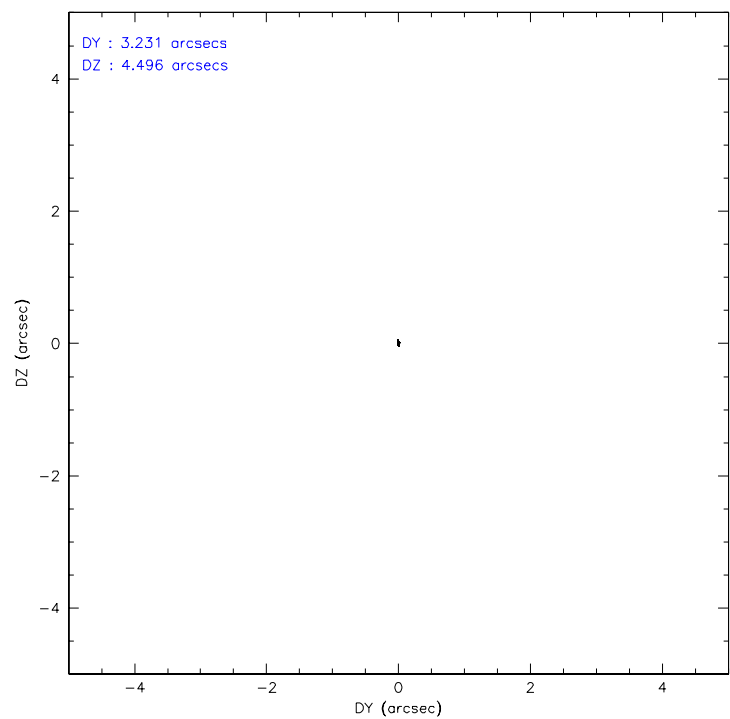
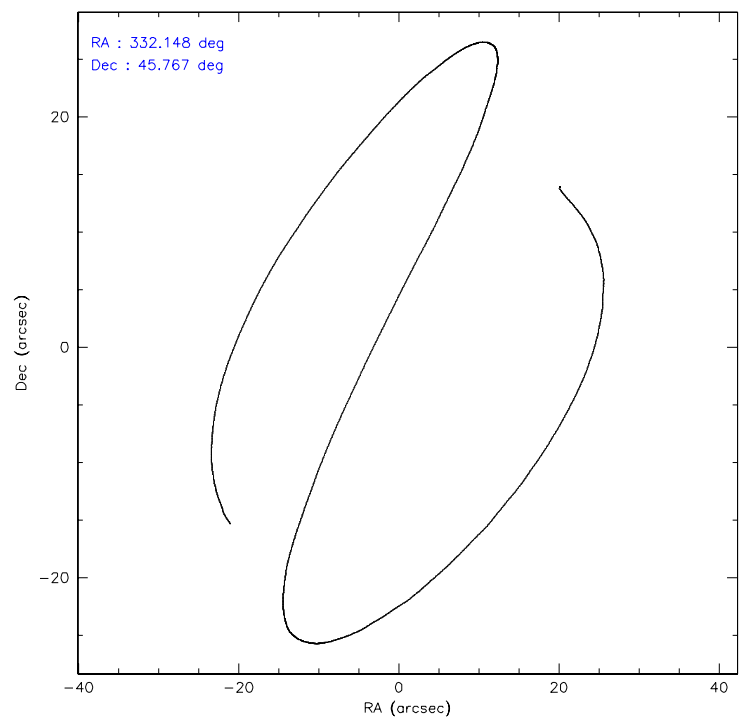
Level 1 Events

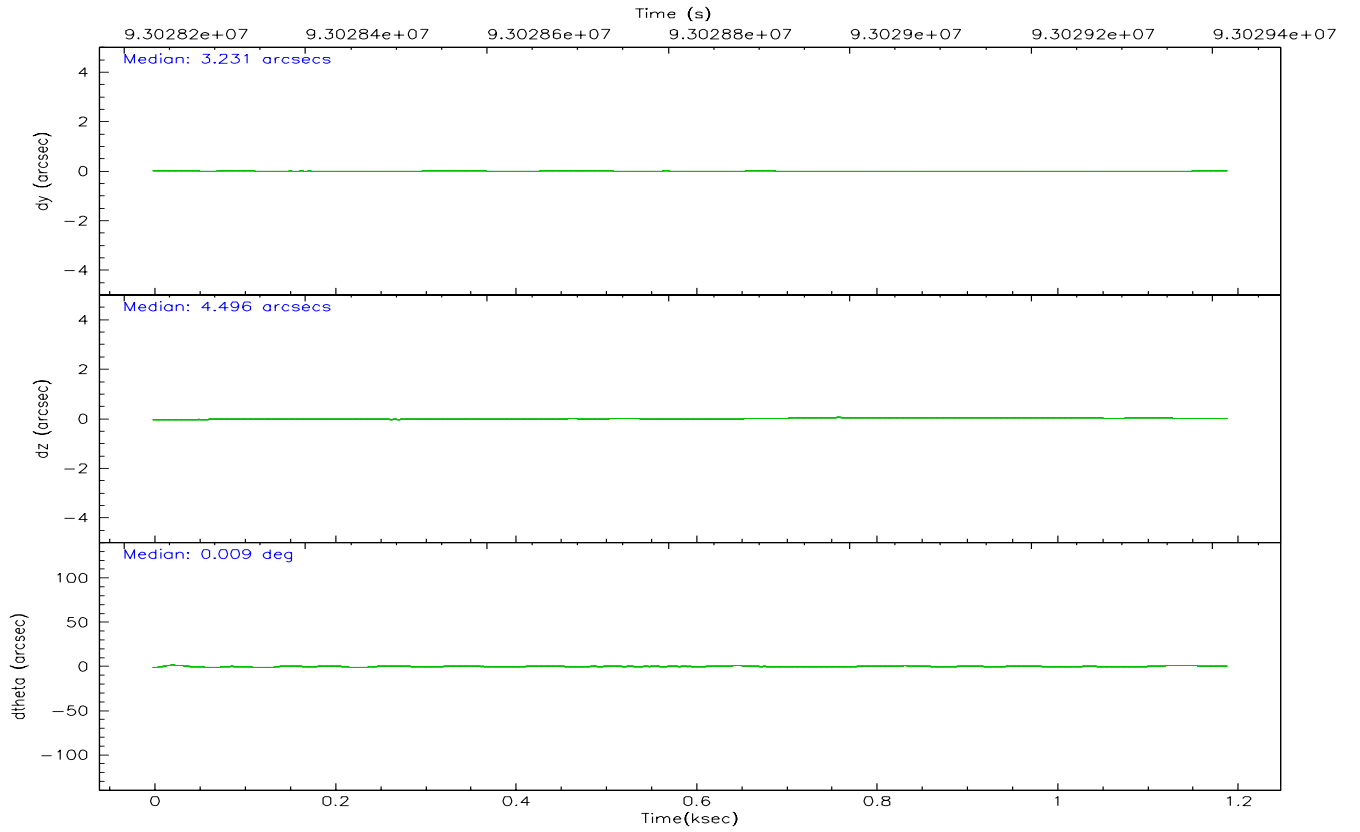
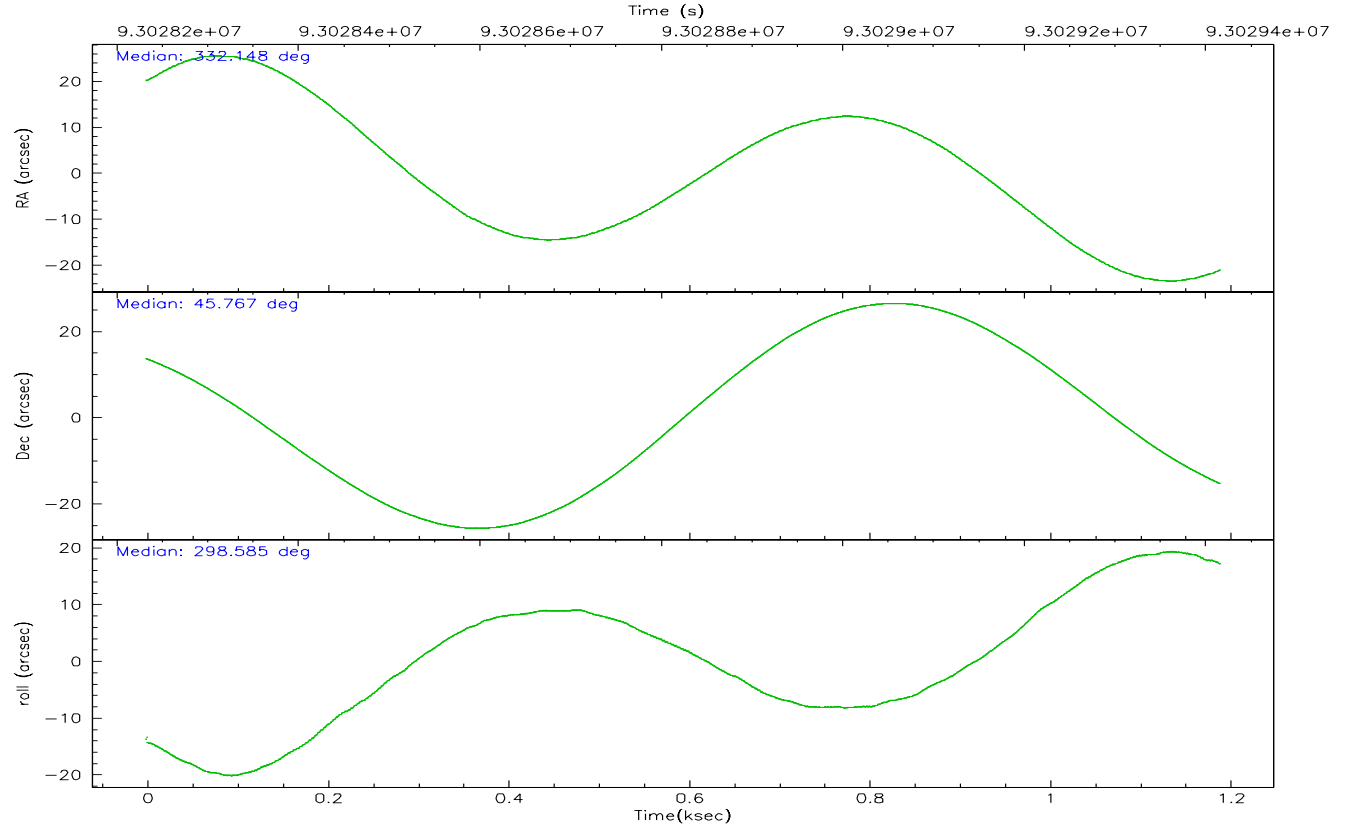
	segment 0
level 1 events	229629
rejected events	41542
rejected %	18%

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	332.114056	332.1478828774133			
Pointing Dec	45.780981	45.76726831357018			
Pointing Roll	298.716291	298.5965338668524			
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	93028421.184000	93028044.837511			
Observation start date	2000-12-12T17:12:37	2000-12-12T17:07:24			
Observation end time	93029421.184000	93029554.662569			
Observation end date	2000-12-12T17:29:17	2000-12-12T17:32:34			

2.3 Aspect



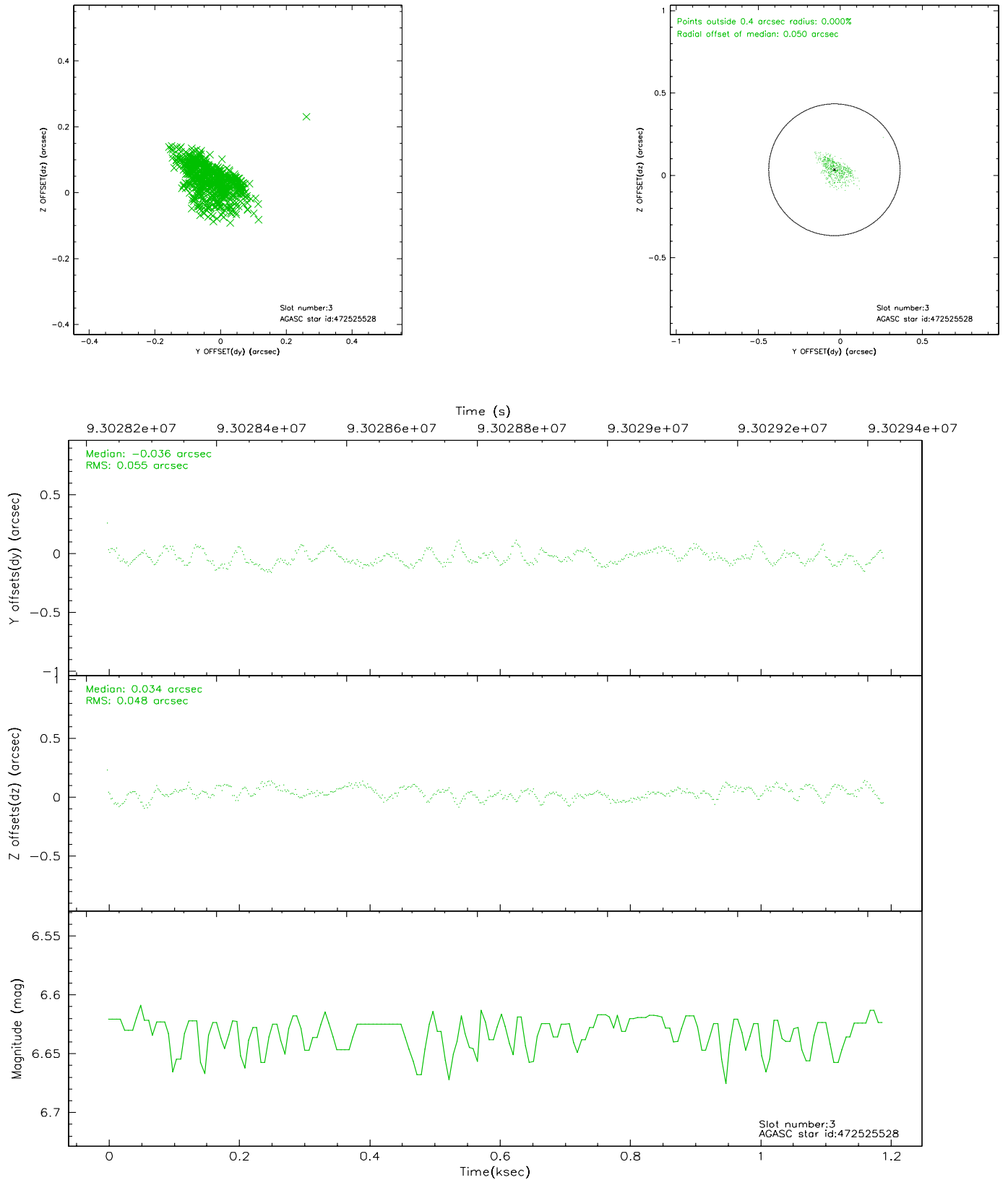


Slot Statistics

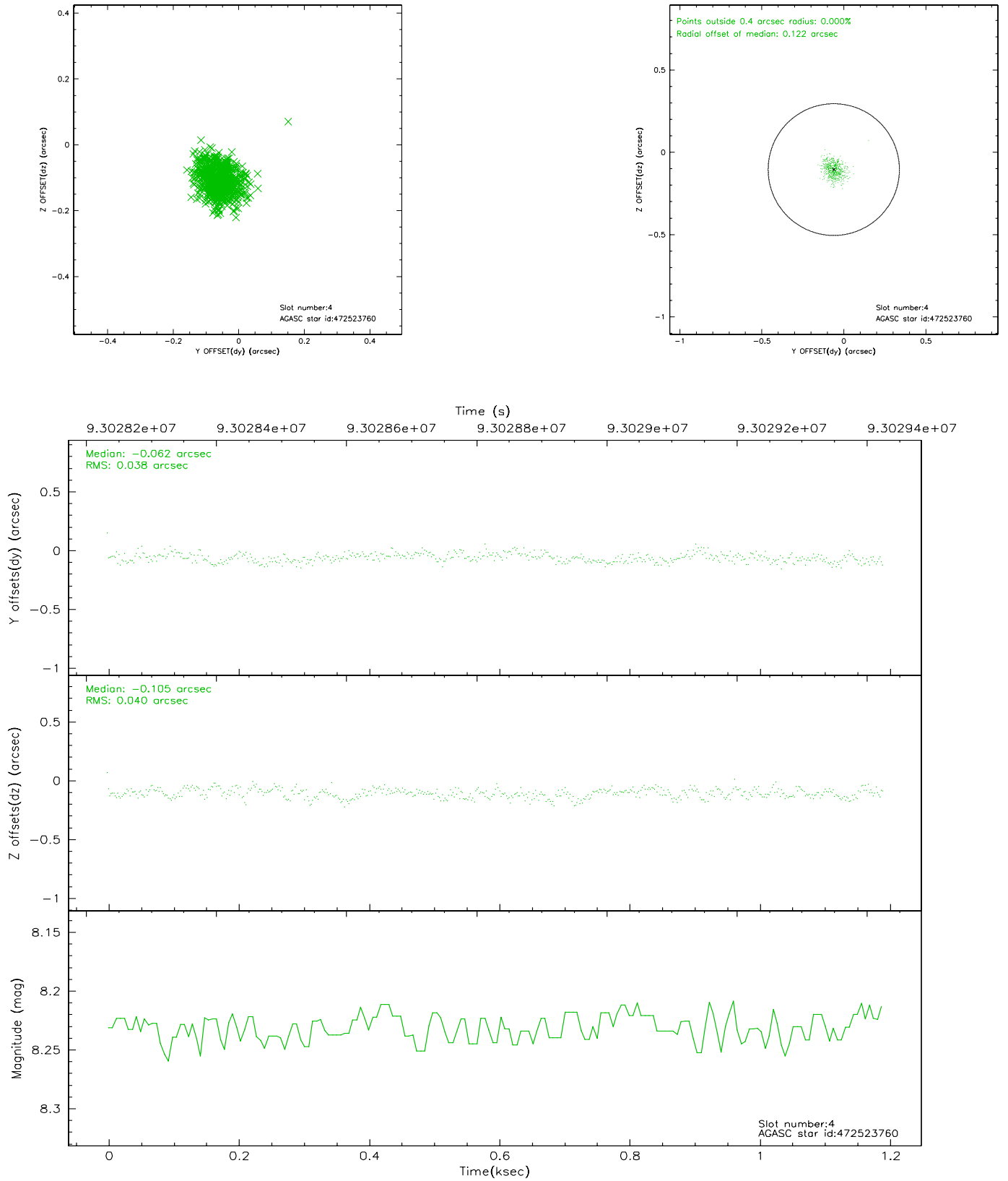
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	291	0.054	0.068	0.006	0.011	0.000000	0.000000	-758.66	-1292.26
1	FID	HRC-I-3	7.05	291	0.026	-0.096	0.007	0.012	0.000000	0.000000	-1189.78	1007.70
2	FID	HRC-I-4	6.99	291	0.034	-0.063	0.006	0.009	0.000000	0.000000	1280.03	1013.23
3	GUIDE	472525528	6.63	582	-0.036	0.034	0.078	0.120	331.551102	45.248694	990.63	-2171.13
4	GUIDE	472523760	8.23	582	-0.062	-0.105	0.057	0.092	331.645363	45.403260	621.88	-1696.10
5	GUIDE	472665256	9.01	582	-0.098	-0.104	0.075	0.118	332.808125	46.195041	-482.80	2231.83
6	GUIDE	472659832	9.47	582	-0.002	0.035	0.102	0.160	332.780399	46.098139	-209.89	2012.85
7	GUIDE	472646552	9.62	581	0.195	0.159	0.104	0.173	333.120915	45.571877	1864.37	1873.49

2.4 Star Slots

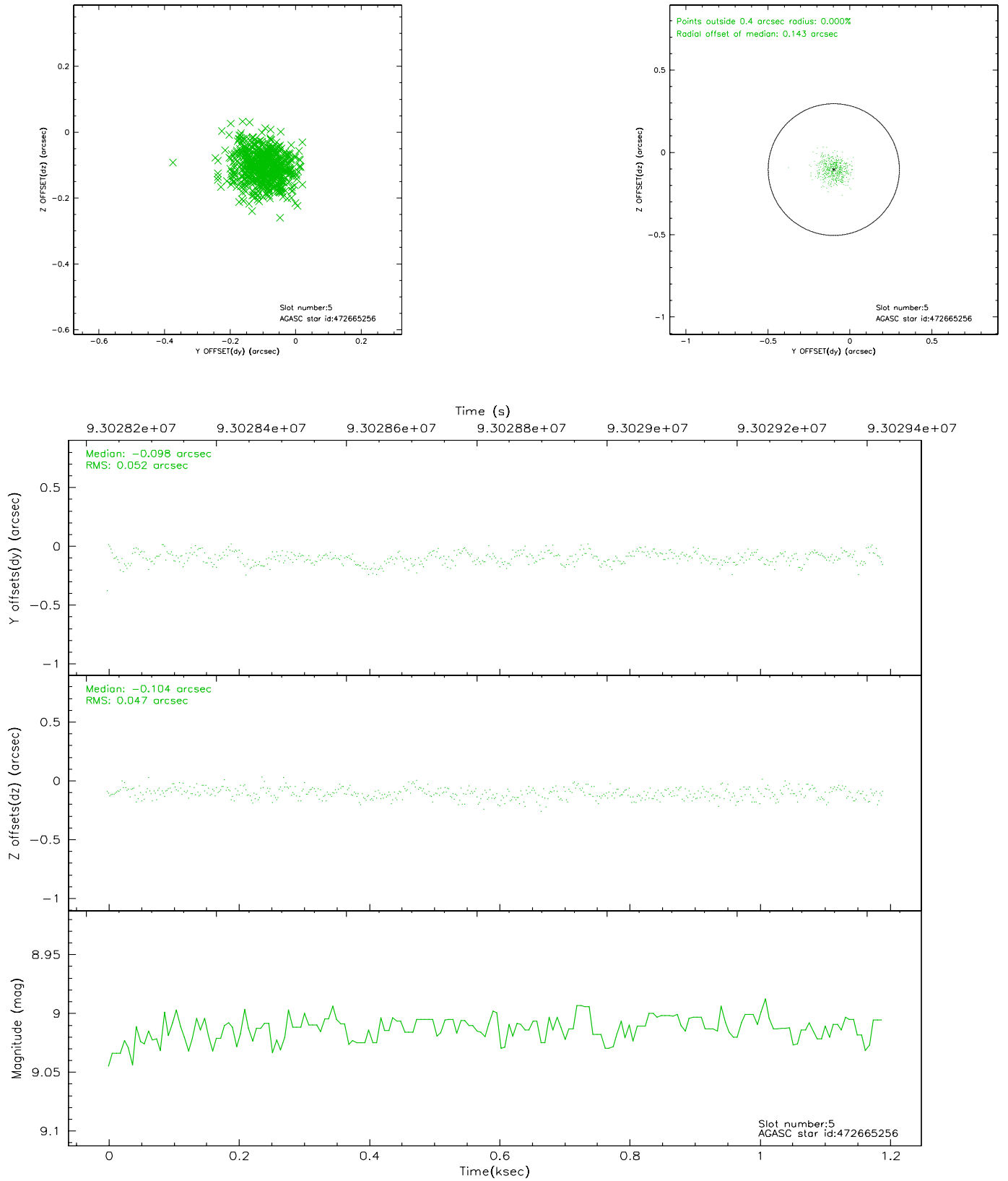
2.4.1 Slot 3



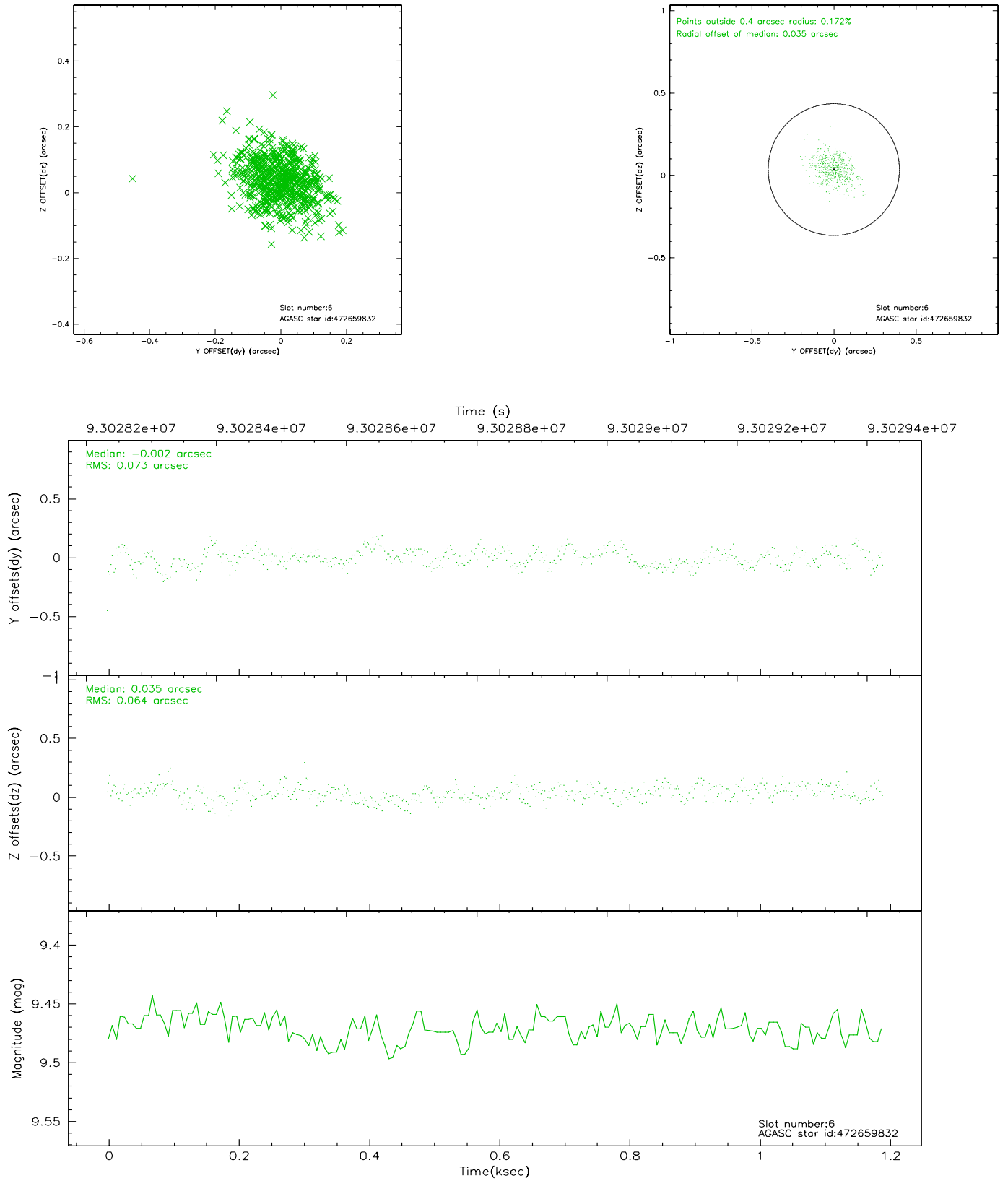
2.4.2 Slot 4



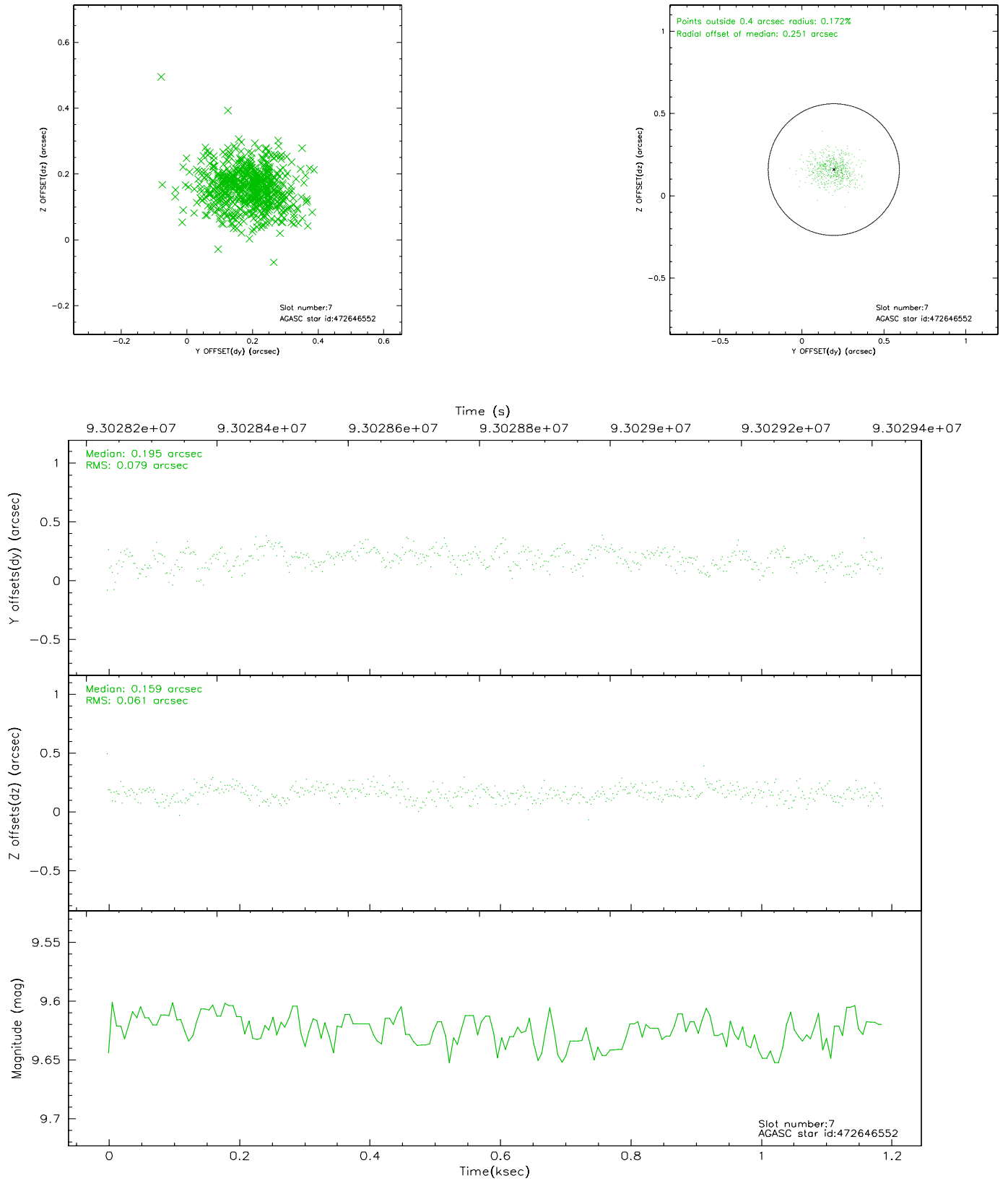
2.4.3 Slot 5



2.4.4 Slot 6

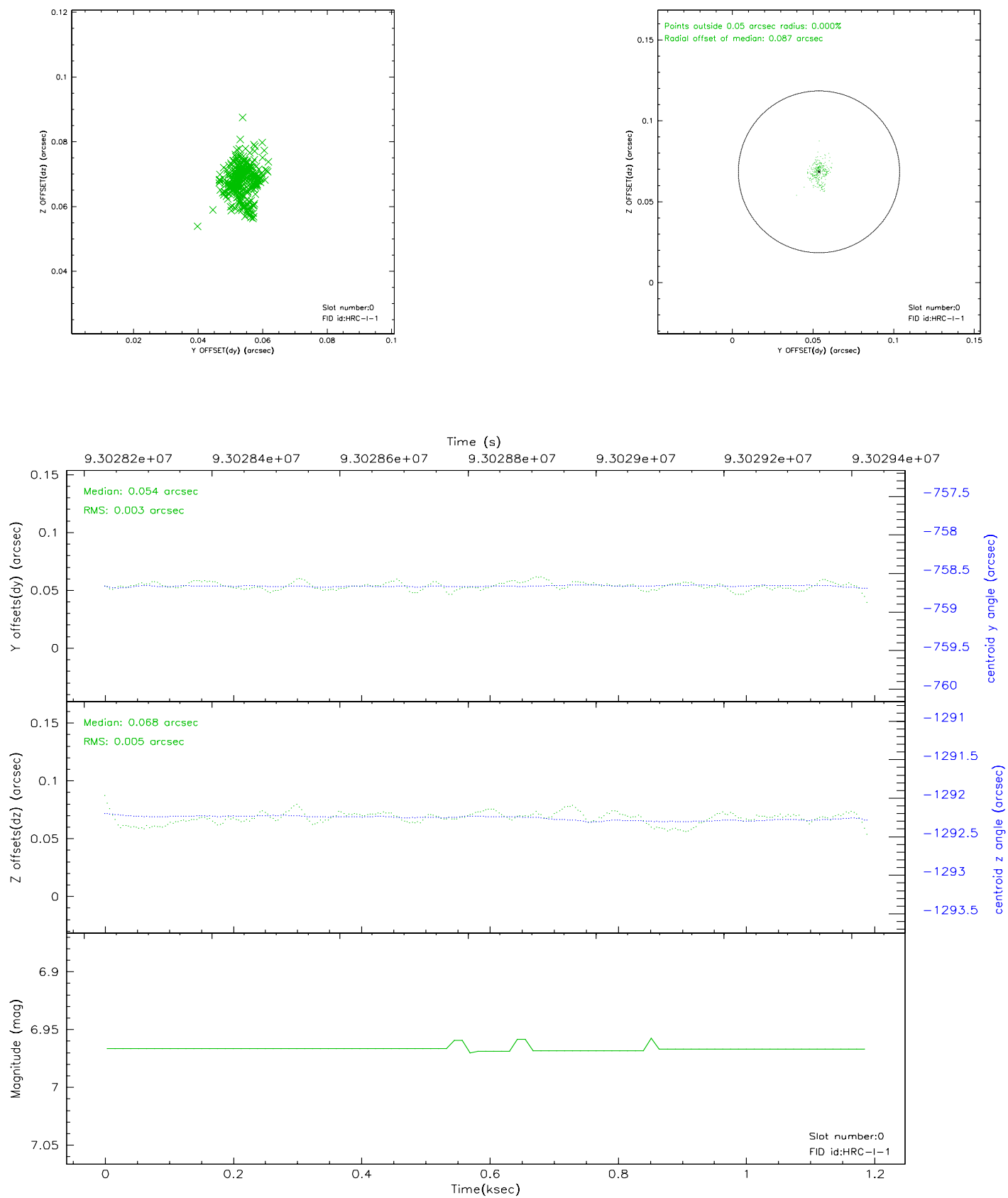


2.4.5 Slot 7

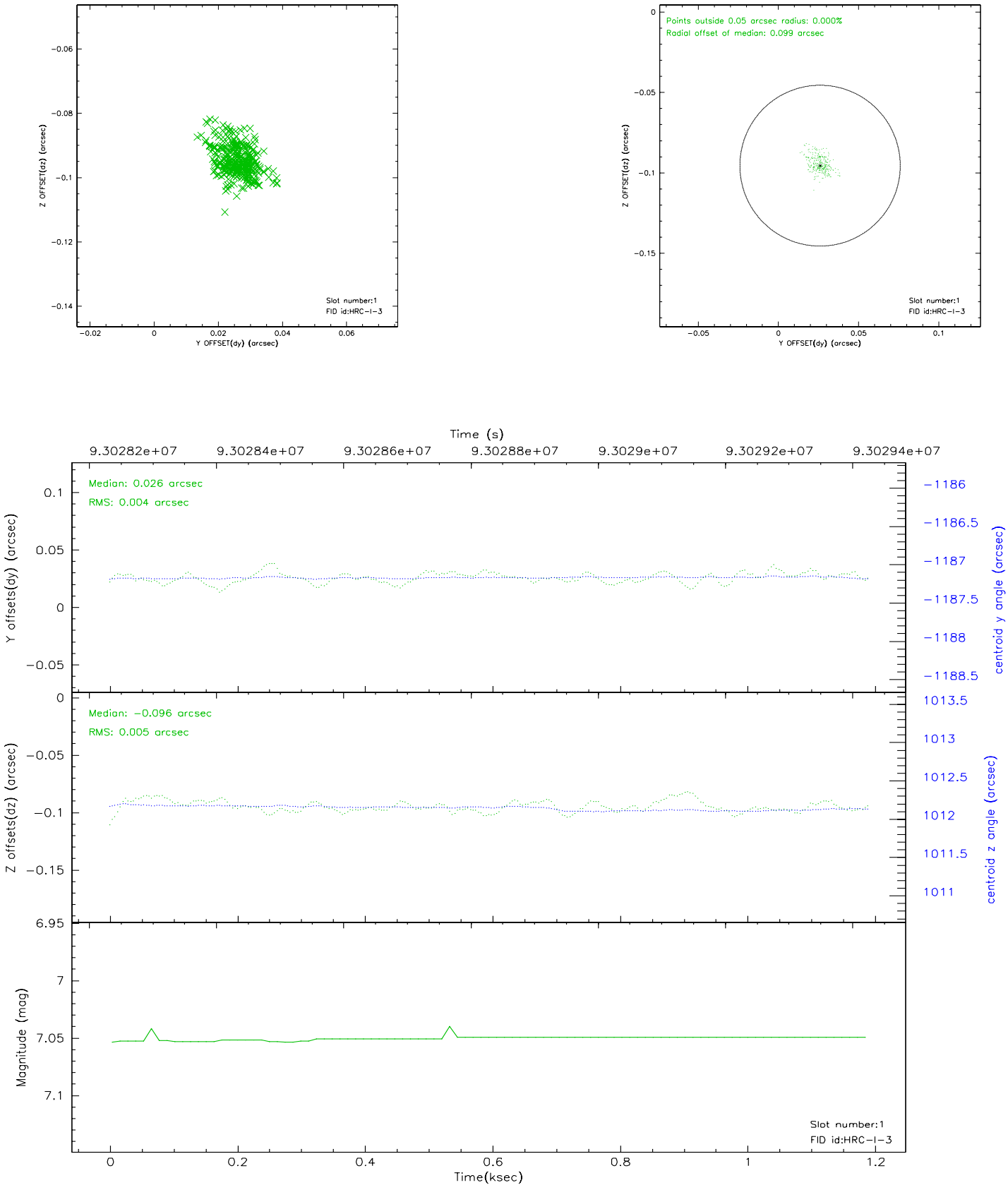


2.5 FID Slots

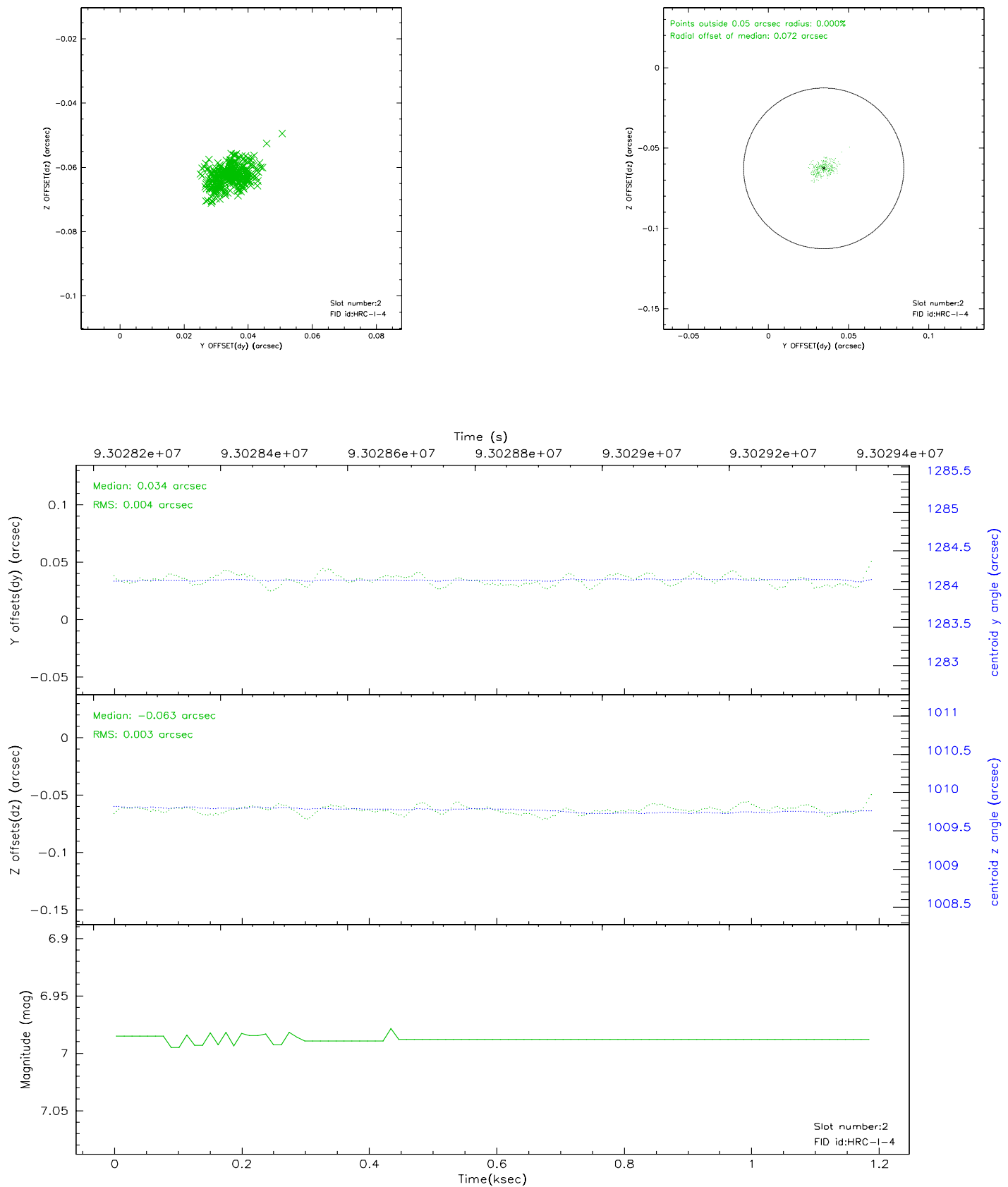
2.5.1 Slot 0



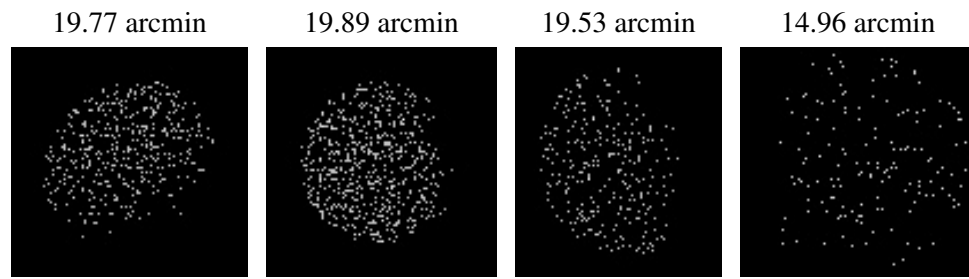
2.5.2 Slot 1



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	1.19

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.