

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2357 - L2 Version 5
Chandra X-Ray Center

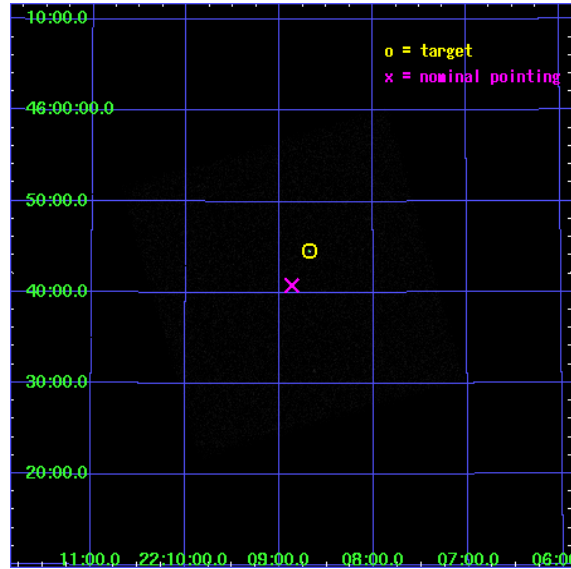
L2 Processing Date : Nov 21 2007

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1 Front

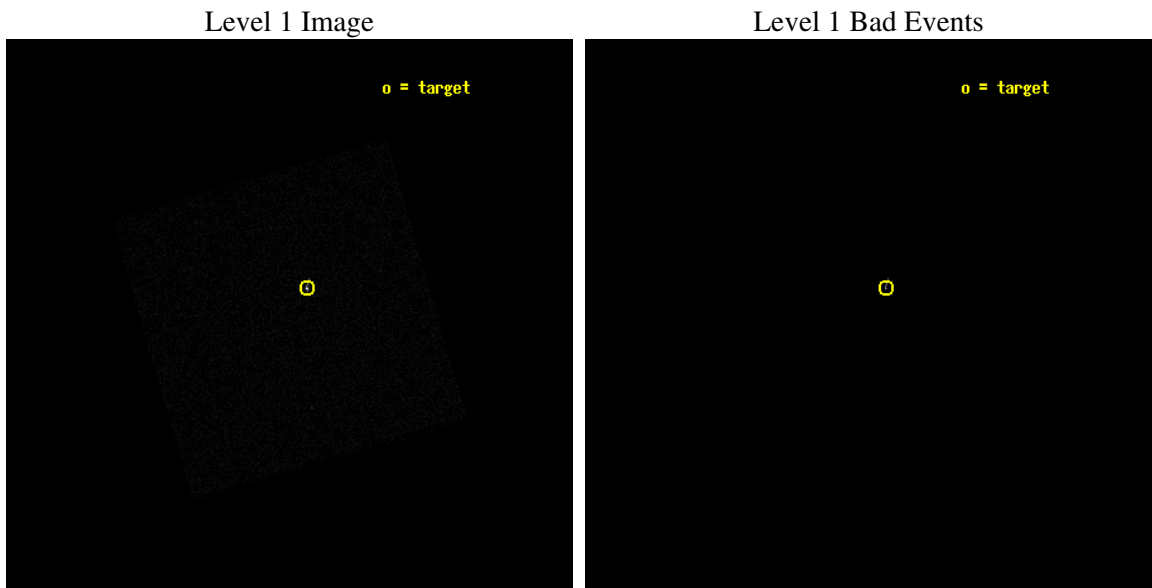
seq_num	290104
obs_id	2357
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC,HRC-I,AO2A
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.21693112692
dec_nom	45.680133677138
roll_nom	298.72740790456
revision	5
ontime	1188.2312954217
livetime	1182.3923323981
l2events	34546



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	2007-11-21T05:28:55
revision	4

sched_exp_time	1000.000000
ontime	1188.2312954217
l1events	60770

2.1.3 Events

Level 1 Events

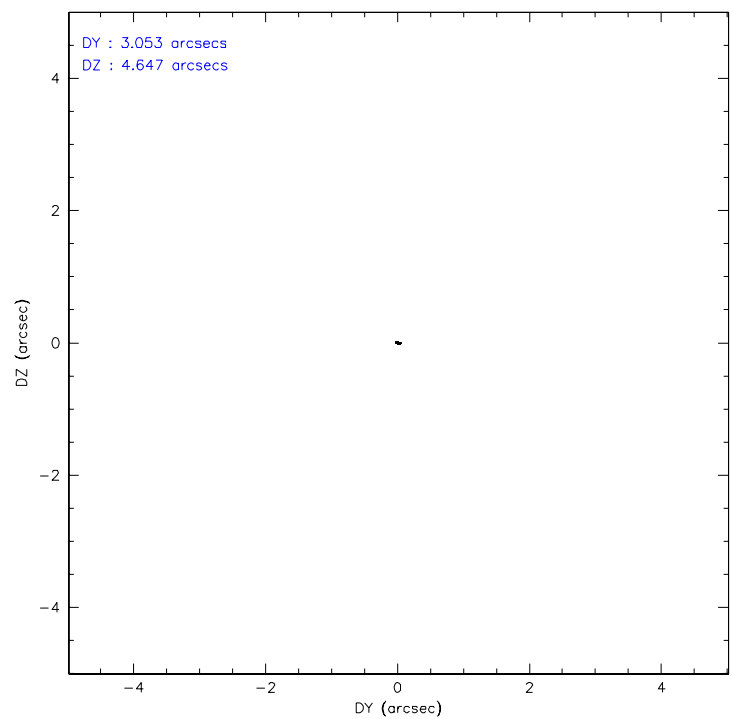
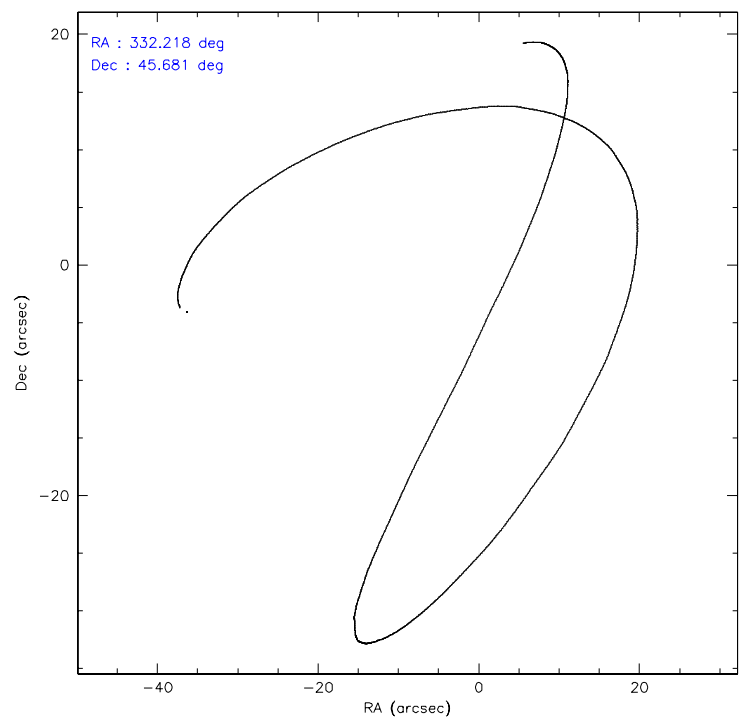
	segment 0
level 1 events	60770
rejected events	12817
rejected %	21%

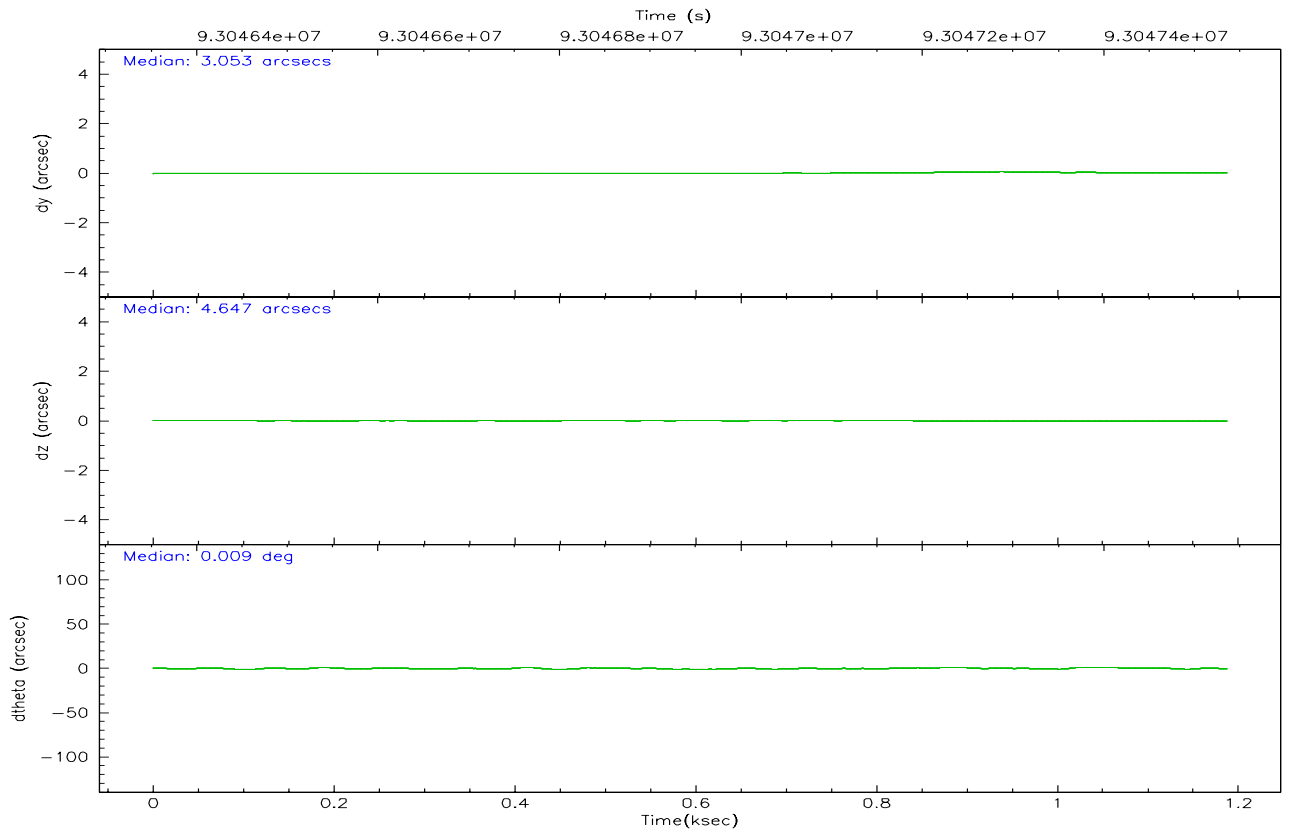
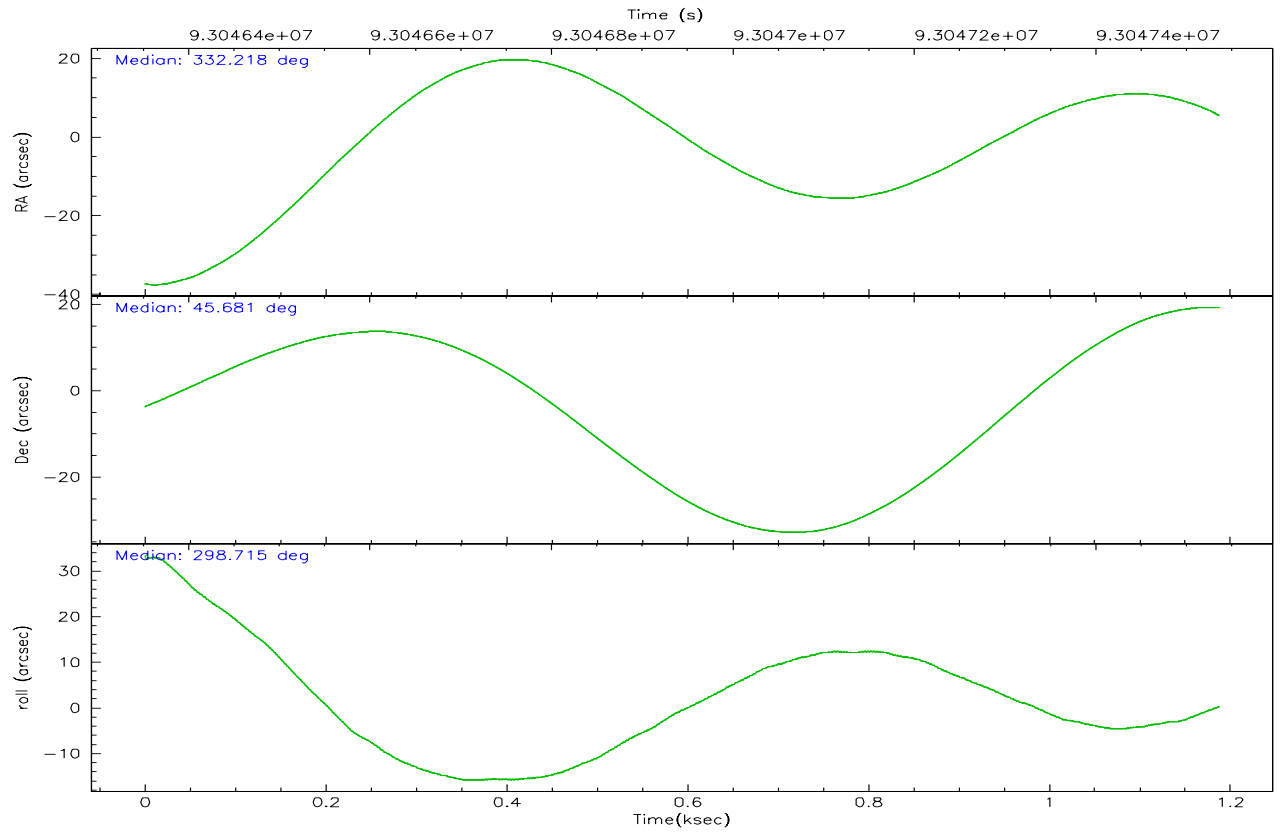
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	332.183061	332.2169311269221
Pointing Dec	45.693288	45.6801336771378
Pointing Roll	298.847157	298.7274079045585
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	93046541.184000	93046164.788204
Observation start date	2000-12-12T22:14:37	2000-12-12T22:09:24
Observation end time	93047541.184000	93047674.613262
Observation end date	2000-12-12T22:31:17	2000-12-12T22:34:34

Parameter	Planned	Actual
Obspar format version number	6	6
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



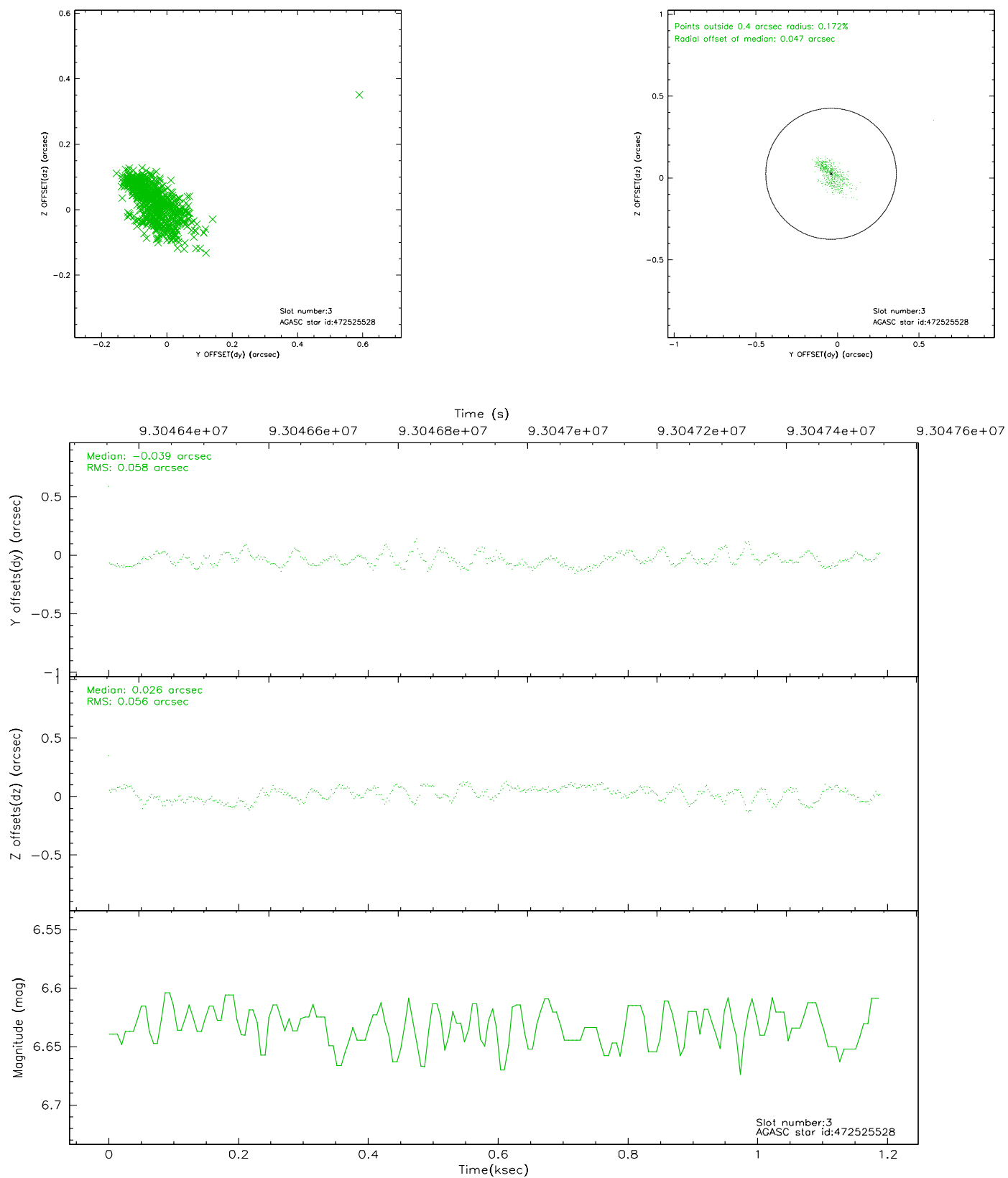


Slot Statistics

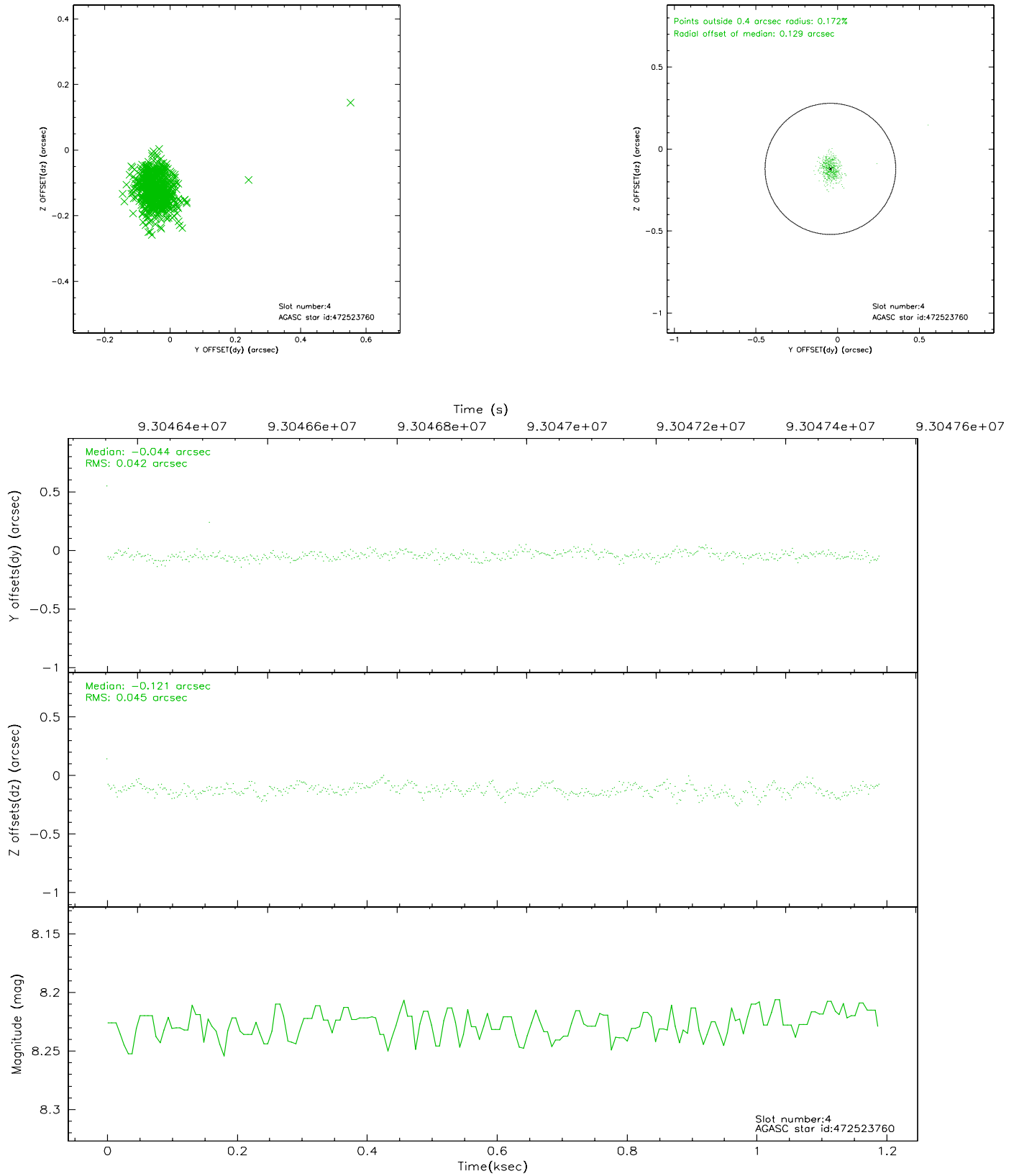
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	290	0.048	0.065	0.007	0.011	0.000000	0.000000	-758.50	-1292.40
1	FID	HRC-I-3	7.05	290	0.033	-0.098	0.007	0.011	0.000000	0.000000	-1189.60	1007.55
2	FID	HRC-I-4	6.98	290	0.034	-0.057	0.005	0.007	0.000000	0.000000	1280.19	1013.10
3	GUIDE	472525528	6.63	581	-0.039	0.026	0.080	0.126	331.551102	45.248694	625.70	-2174.17
4	GUIDE	472523760	8.23	581	-0.044	-0.121	0.057	0.097	331.645363	45.403260	257.86	-1698.00
5	GUIDE	472665256	9.01	581	-0.089	-0.104	0.078	0.124	332.808125	46.195041	-834.50	2233.40
6	GUIDE	472659832	9.47	581	-0.012	0.045	0.102	0.158	332.780399	46.098139	-562.29	2013.58
7	GUIDE	472646552	9.62	580	0.178	0.147	0.097	0.160	333.120915	45.571877	1511.47	1867.71

2.4 Star Slots

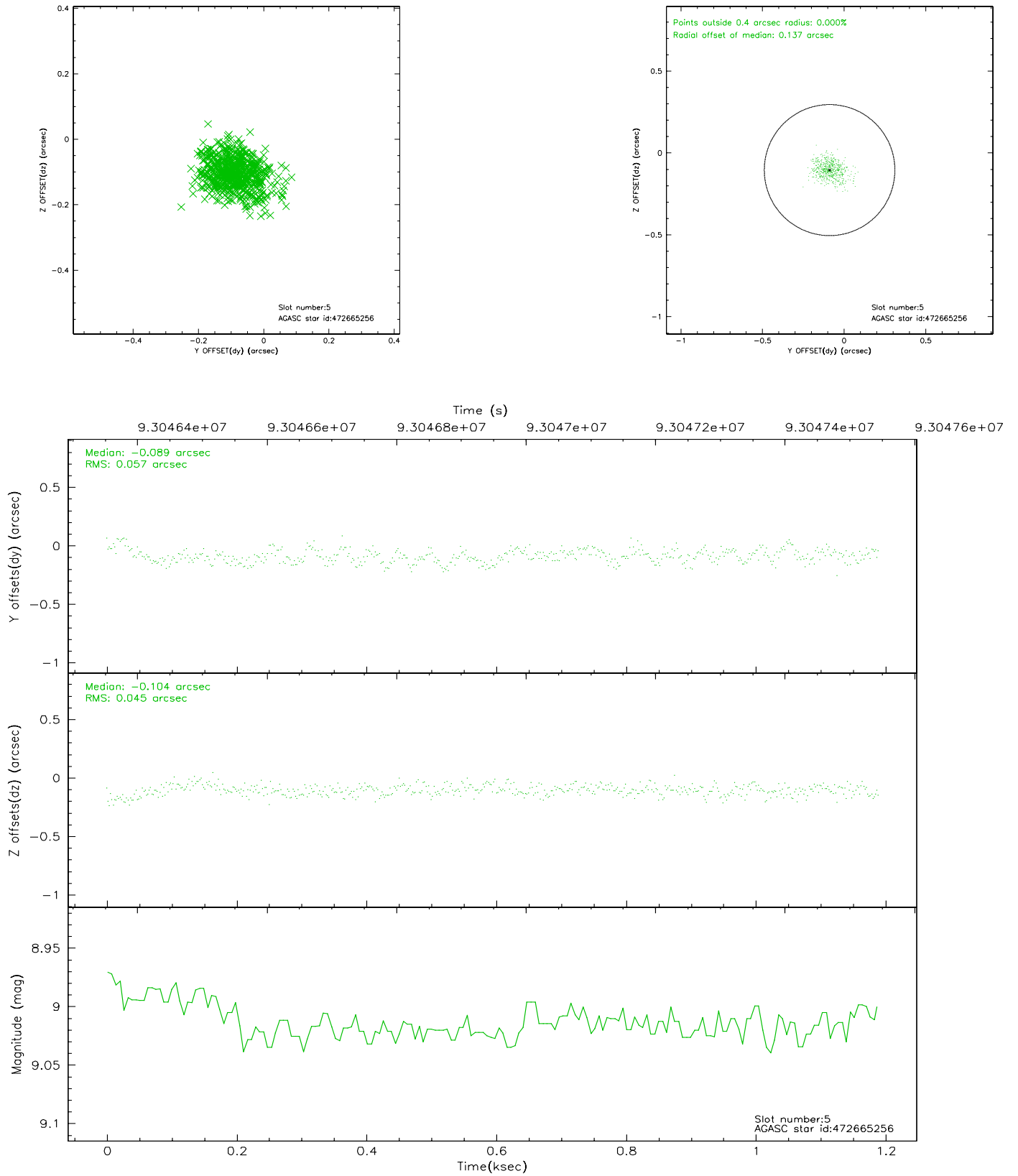
2.4.1 Slot 3



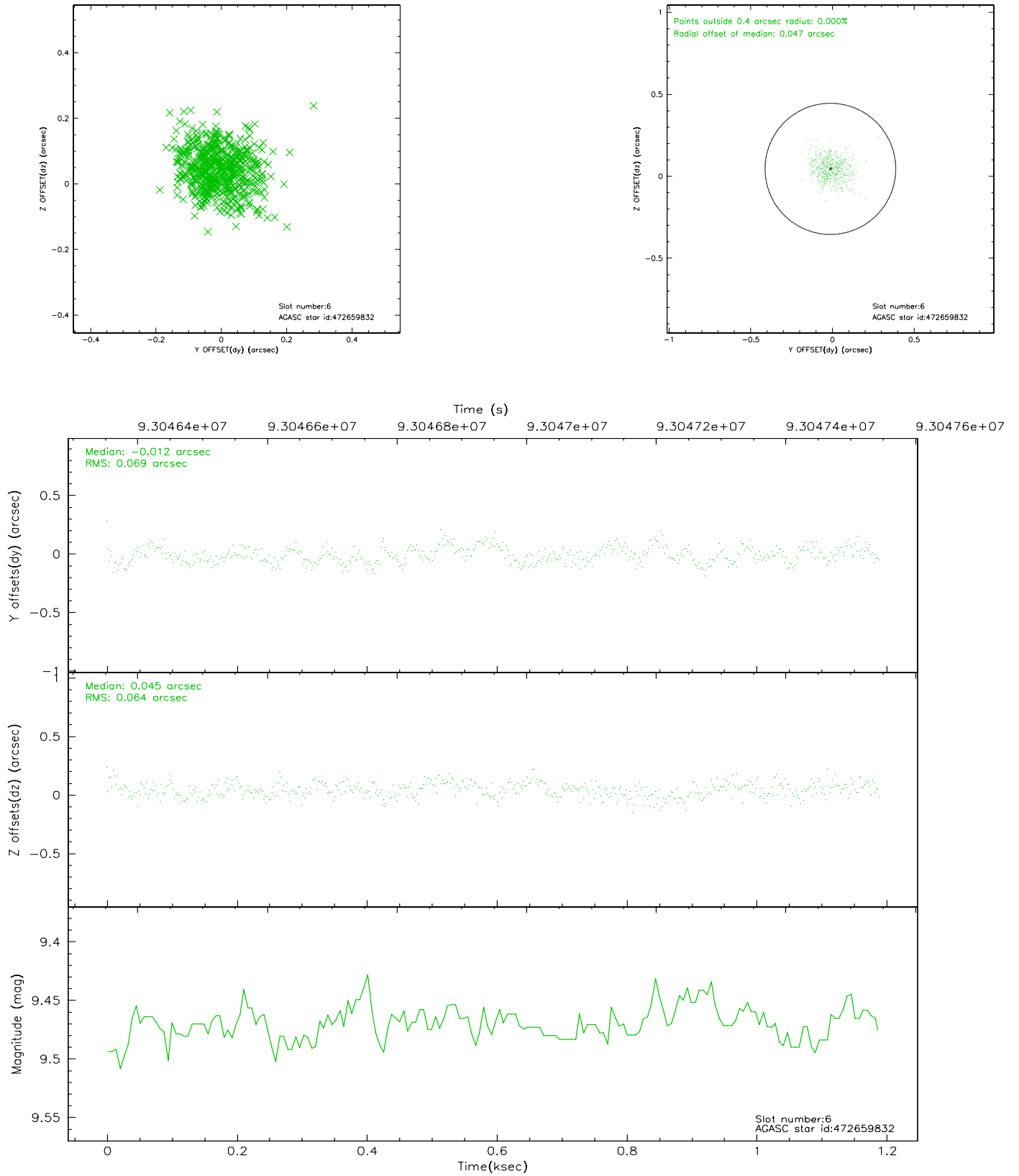
2.4.2 Slot 4



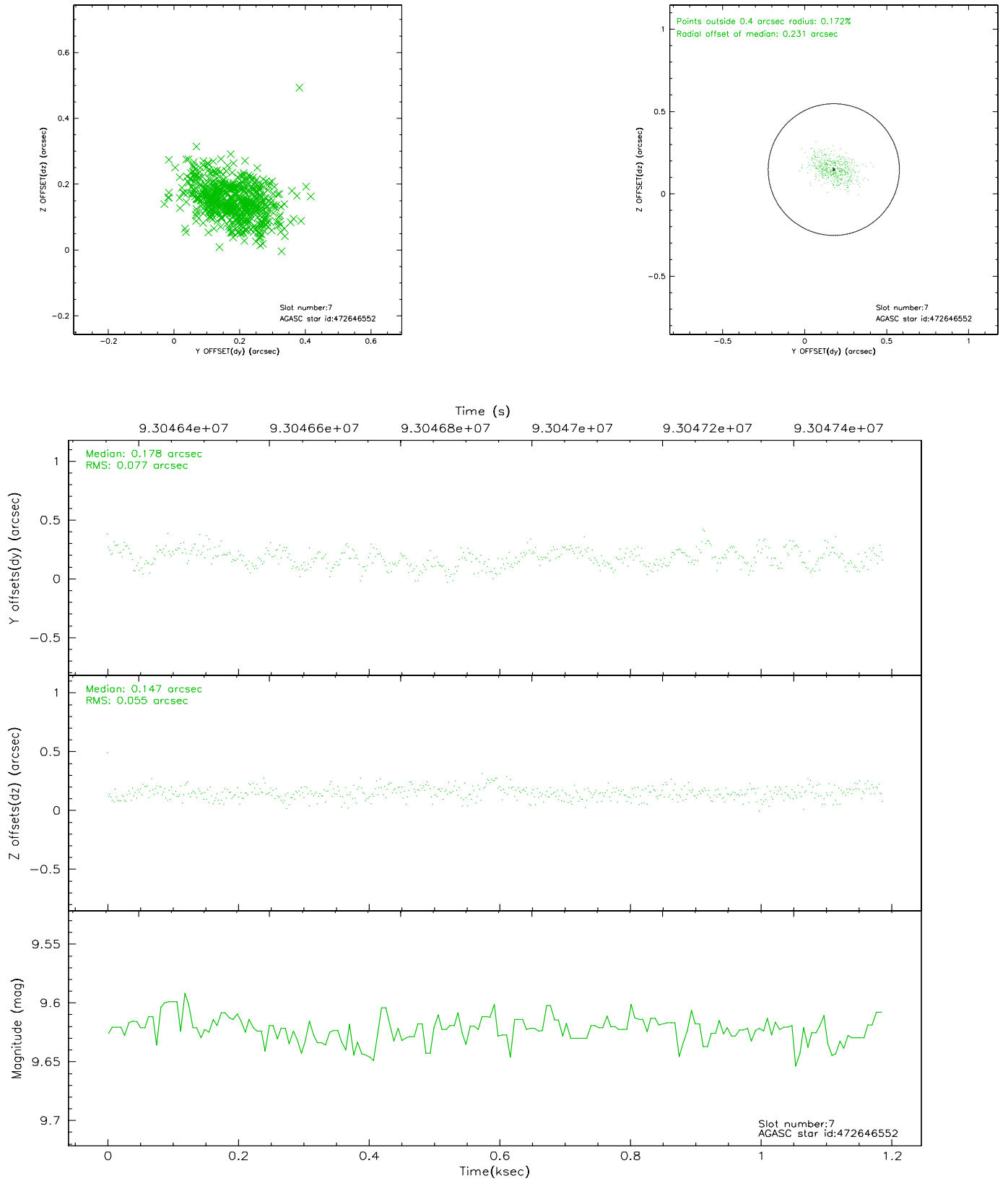
2.4.3 Slot 5



2.4.4 Slot 6

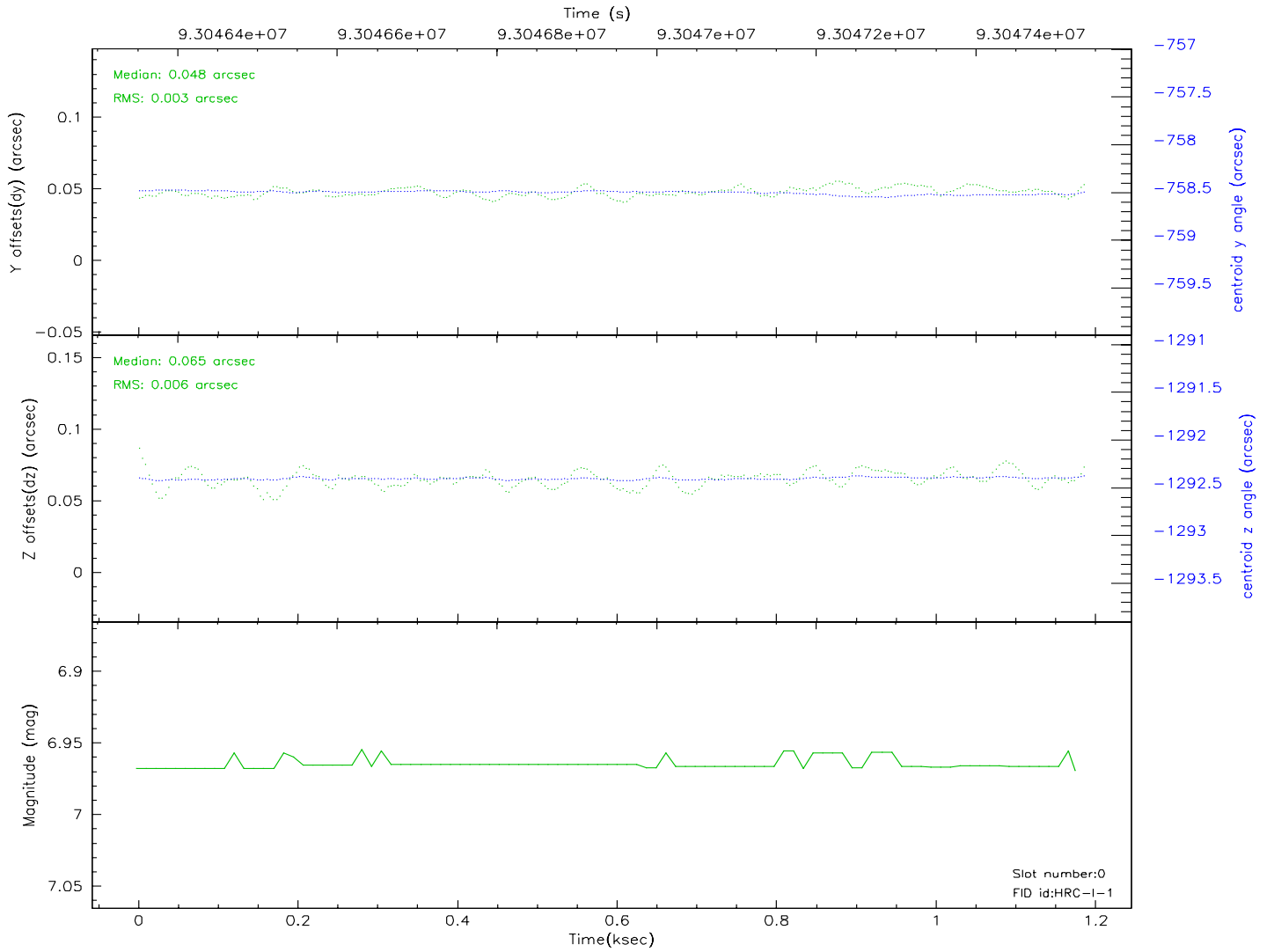
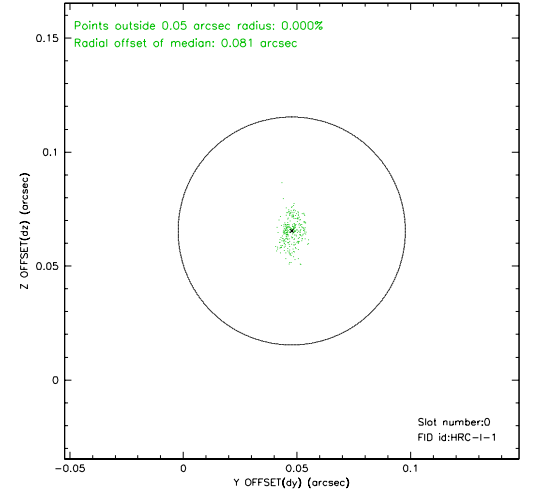
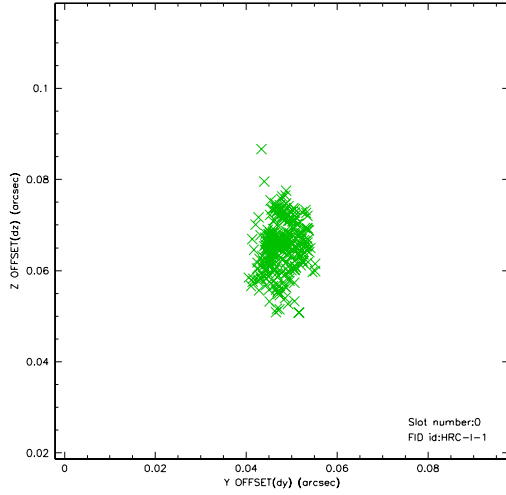


2.4.5 Slot 7

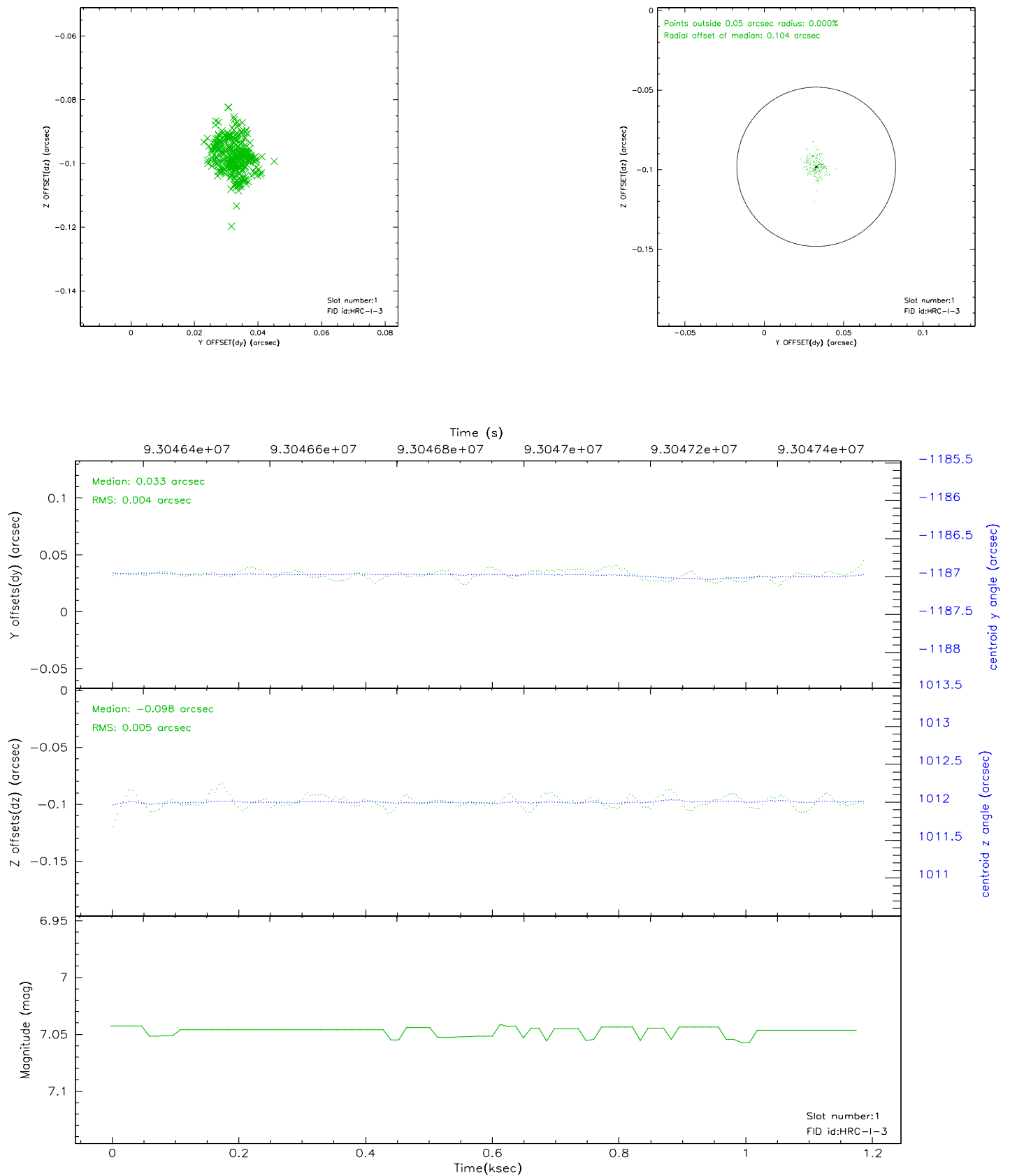


2.5 FID Slots

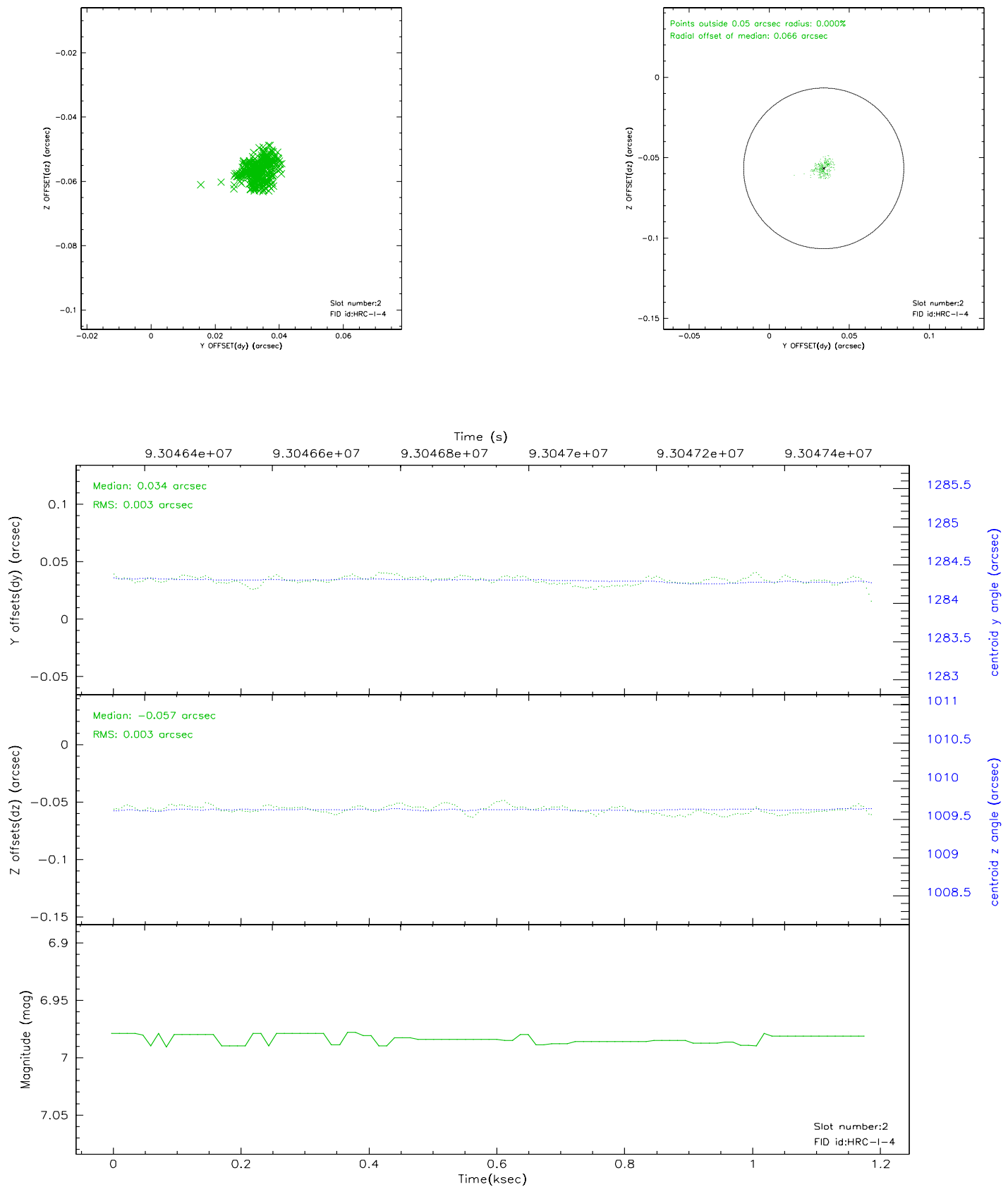
2.5.1 Slot 0



2.5.2 Slot 1

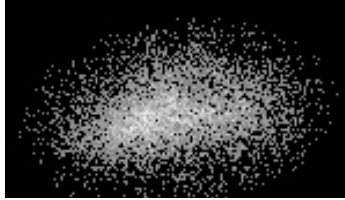


2.5.3 Slot 2



3 Point Sources

4.21 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	1.186

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.