

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2606 - L2 Version 3
Chandra X-Ray Center

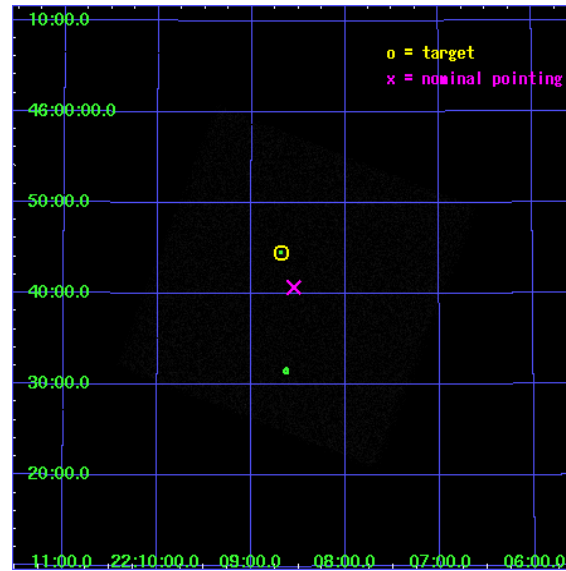
L2 Processing Date : Nov 20 2007

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1 Front

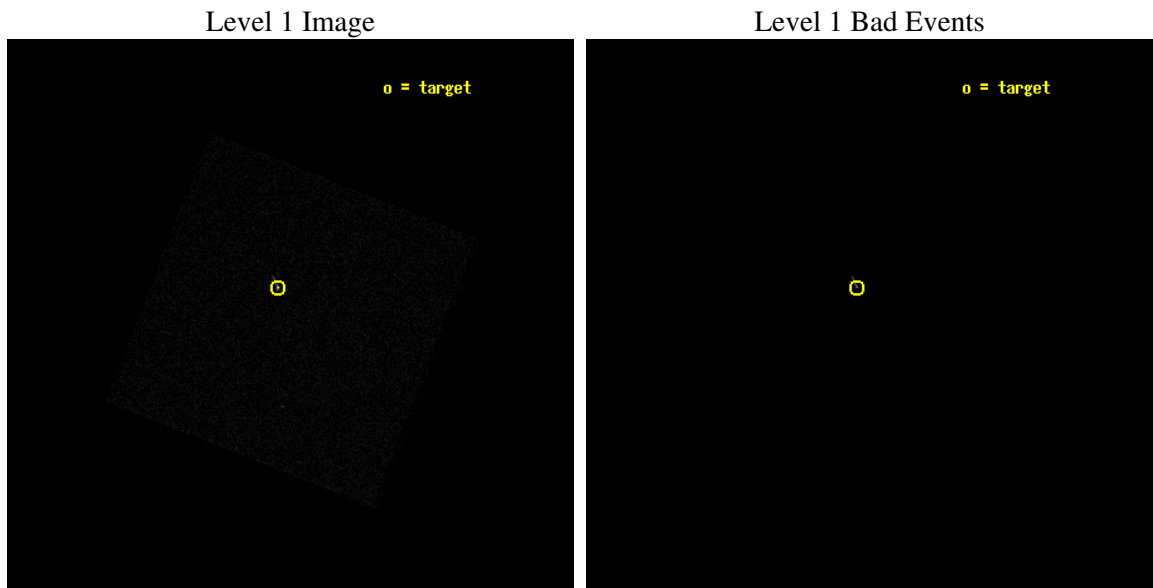
seq_num	290162
obs_id	2606
title	AO3 HRC-I CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.13713138039
dec_nom	45.678627944313
roll_nom	336.42071726337
revision	3
ontime	1202.5812984556
livetime	1195.9377407186
l2events	37167



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1
ascdsver	7.6.11.2
caldbver	3.4.1
date	2007-11-20T22:34:37
revision	3

sched_exp_time	1000.000000
ontime	1202.5812984556
l1events	66906

2.1.3 Events

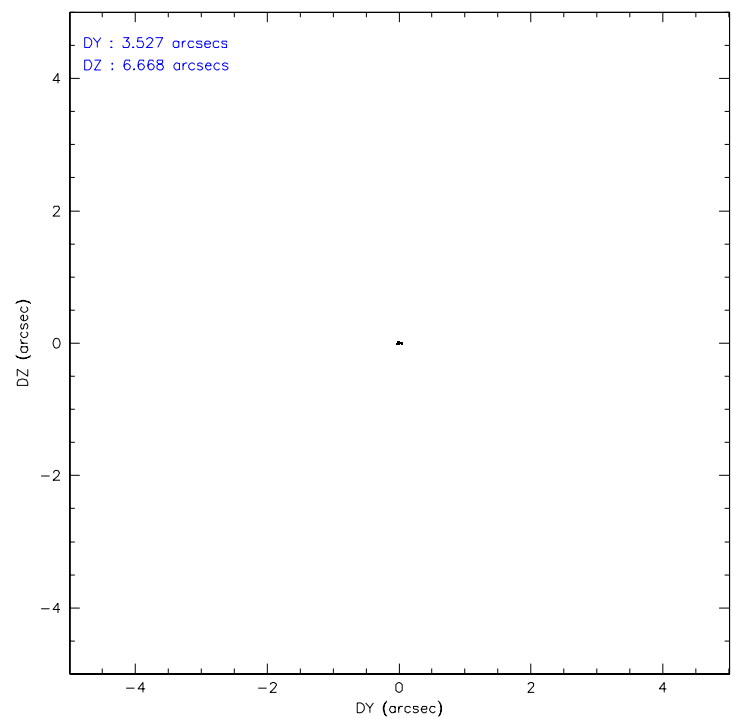
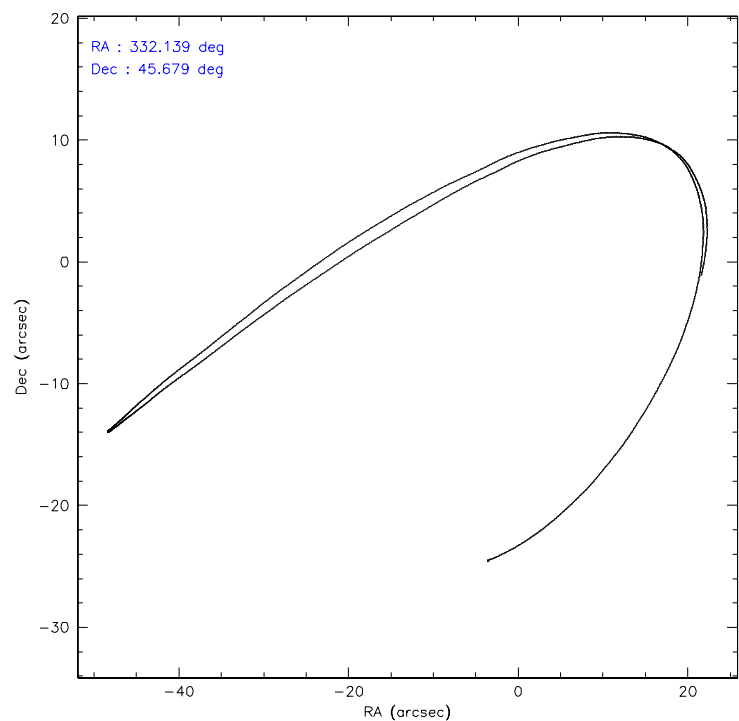
Level 1 Events

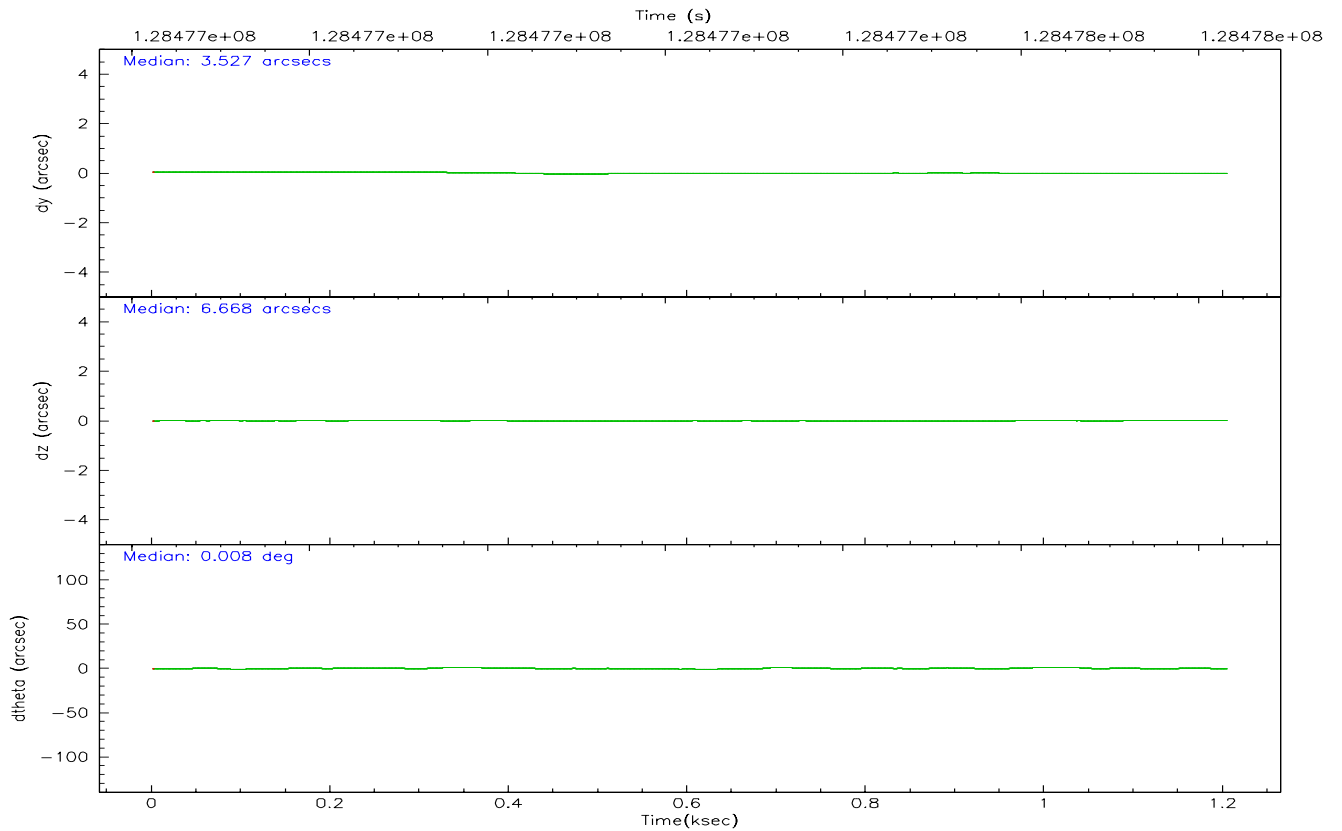
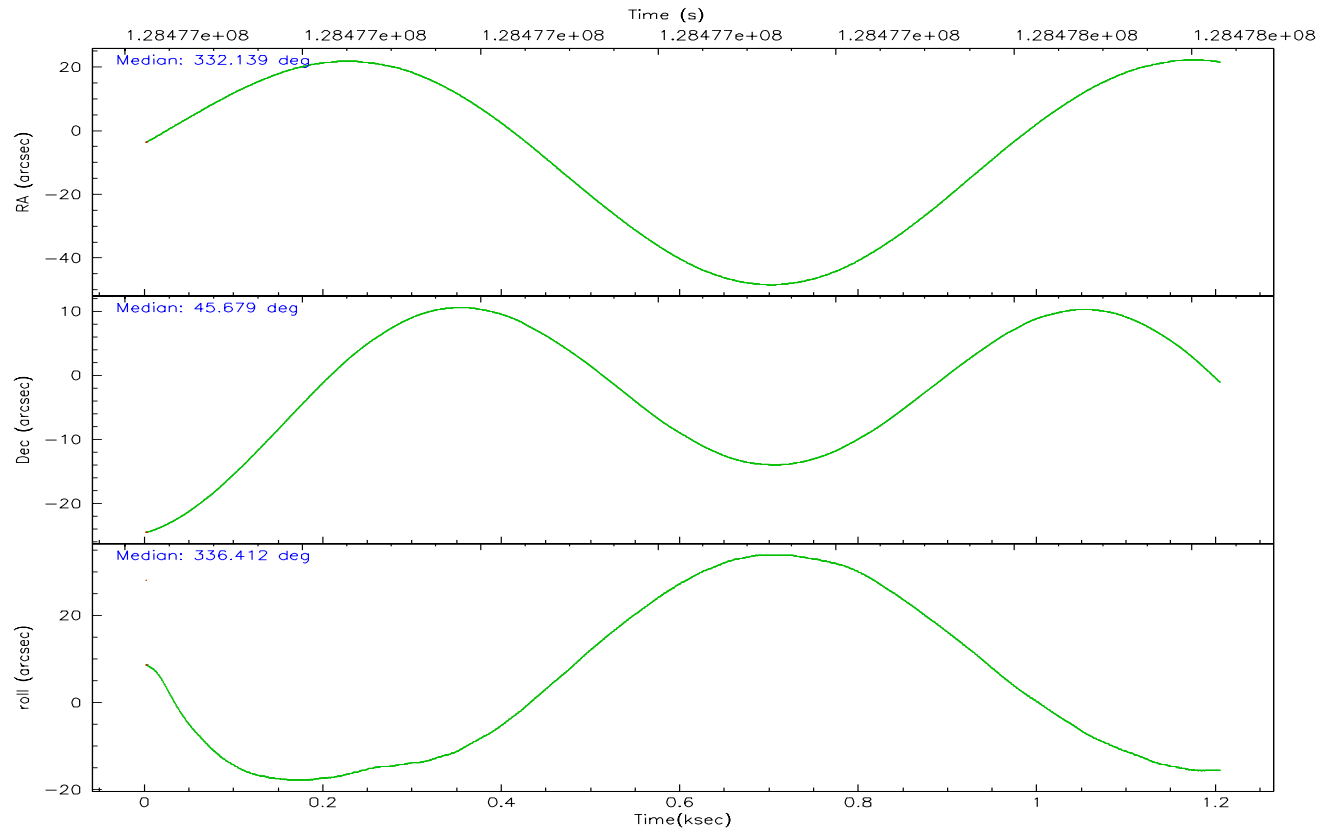
	segment 0
level 1 events	66906
rejected events	13539
rejected %	20%

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	332.097635	332.1371313803932			
Pointing Dec	45.674495	45.67862794431314			
Pointing Roll	336.544376	336.420717263373			
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	128476829.184000	128476453.5272			
Observation start date	2002-01-26T23:59:25	2002-01-26T23:54:13			
Observation end time	128477829.184000	128477963.35226			
Observation end date	2002-01-27T00:16:05	2002-01-27T00:19:23			

2.3 Aspect



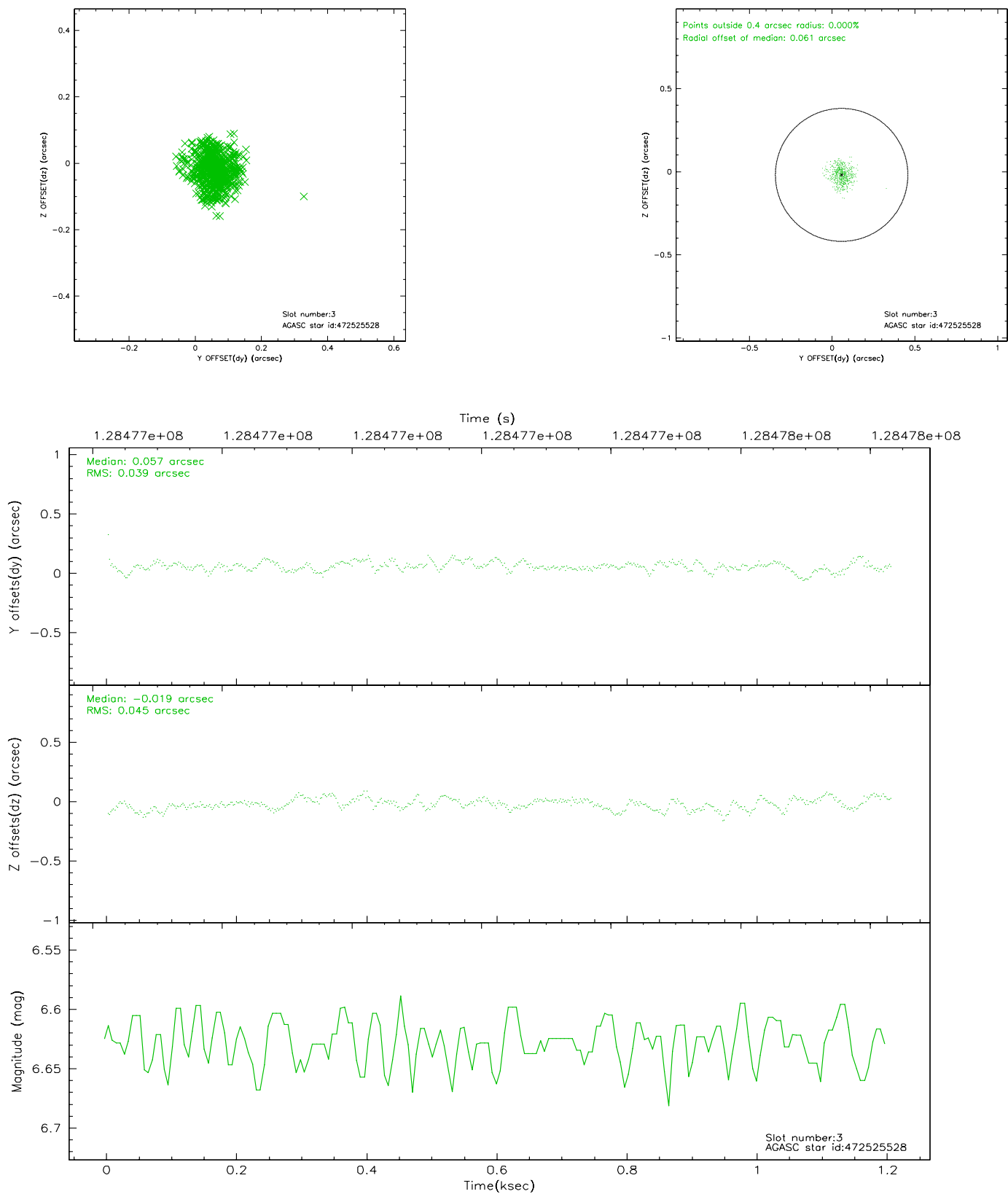


Slot Statistics

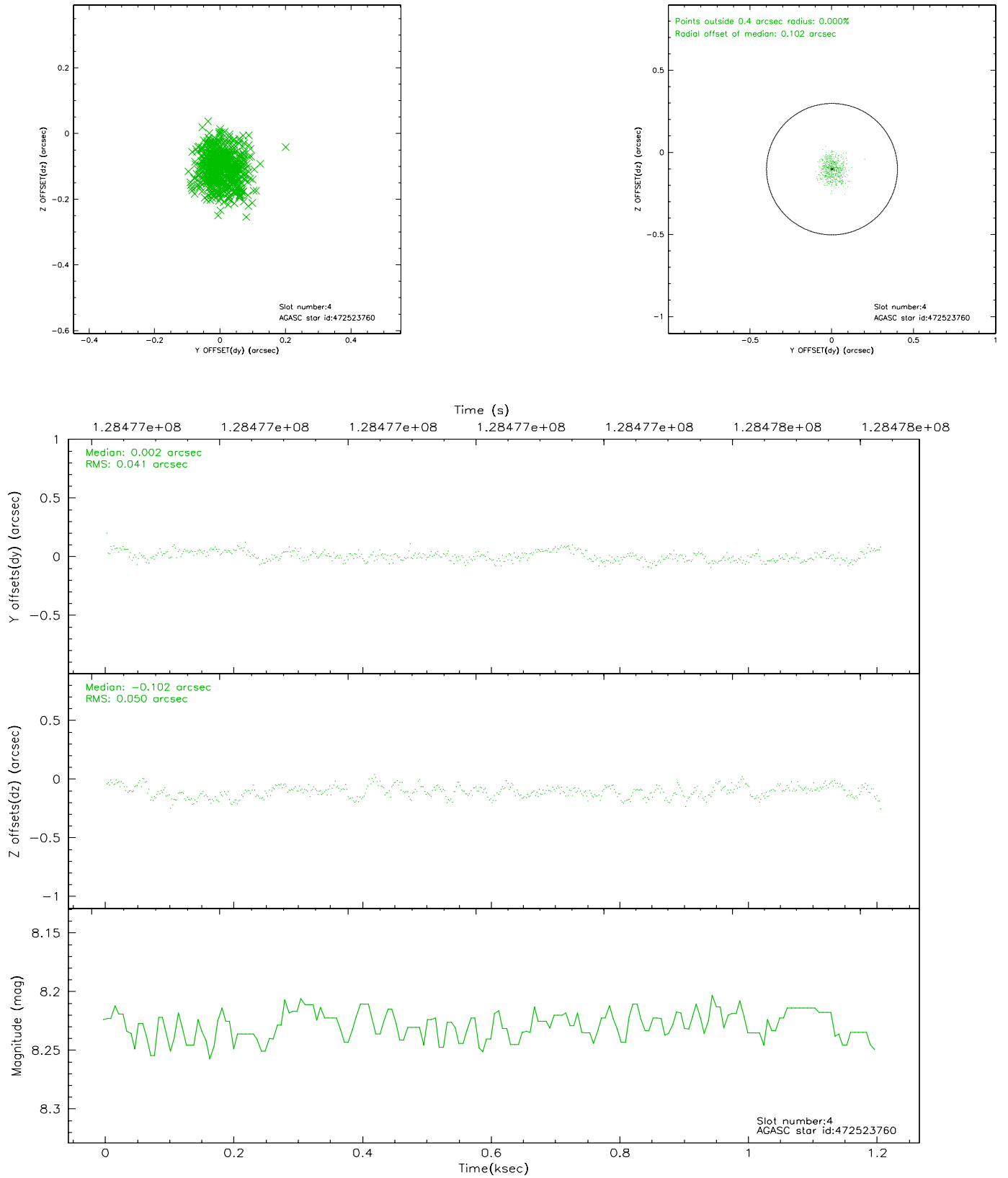
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.00	294	0.069	0.001	0.006	0.010	0.000000	0.000000	853.69	-1296.11
1	FID	HRC-I-3	7.04	294	0.007	-0.007	0.006	0.010	0.000000	0.000000	-1184.61	1005.58
2	FID	HRC-I-4	6.99	294	0.042	-0.081	0.006	0.009	0.000000	0.000000	1279.77	1010.97
3	GUIDE	472525528	6.63	588	0.057	-0.019	0.064	0.098	331.551102	45.248694	-663.90	-1956.58
4	GUIDE	472523760	8.23	588	0.002	-0.102	0.070	0.107	331.645363	45.403260	-664.02	-1354.58
5	GUIDE	472527656	9.14	588	-0.180	-0.020	0.106	0.168	331.004689	45.273362	-1975.54	-2415.42
6	GUIDE	472659832	9.47	587	0.039	0.093	0.104	0.164	332.780399	46.098139	948.35	2077.12
7	GUIDE	472654568	9.43	586	0.068	0.044	0.091	0.142	332.194449	45.063576	1101.42	-1918.98

2.4 Star Slots

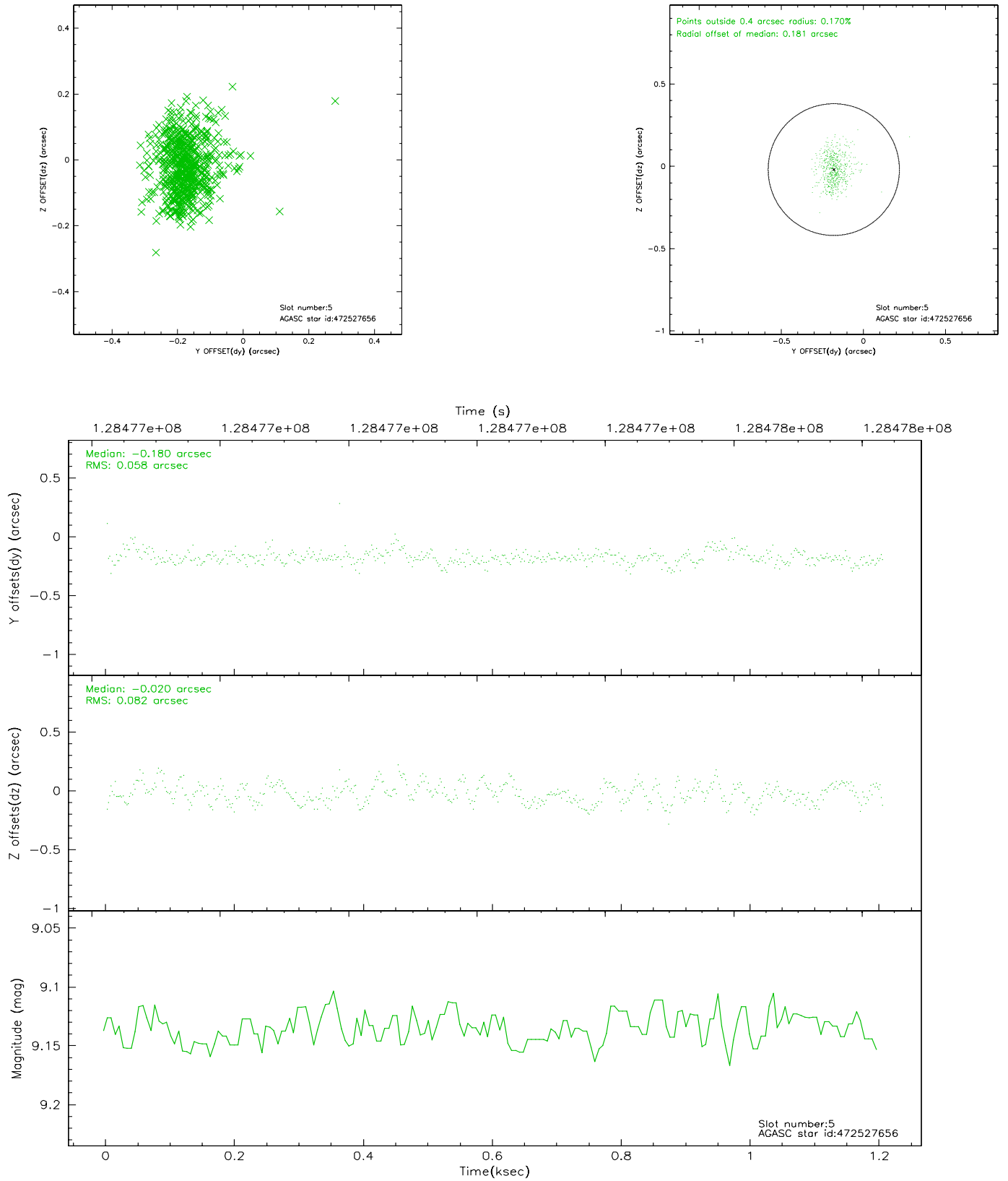
2.4.1 Slot 3



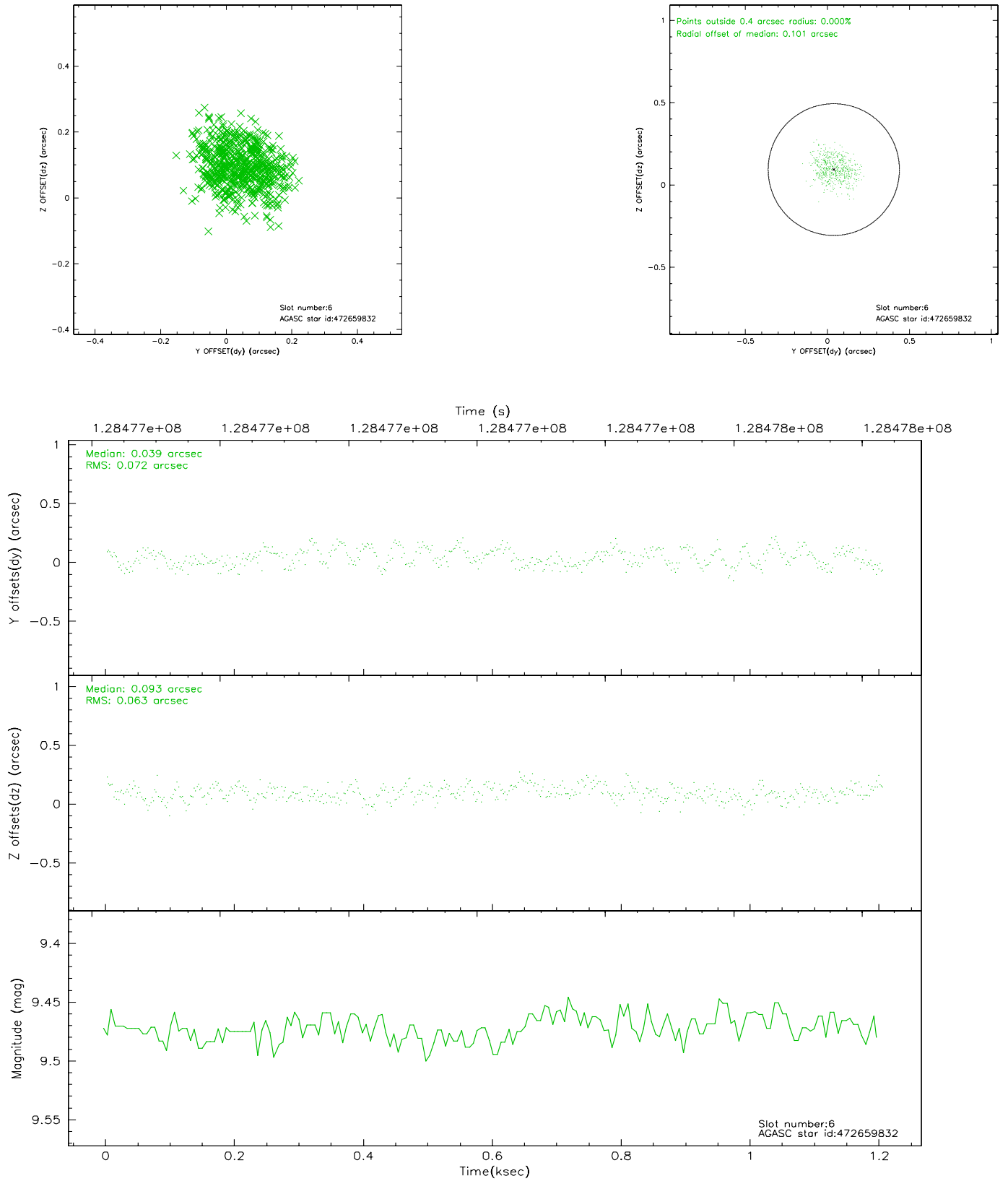
2.4.2 Slot 4



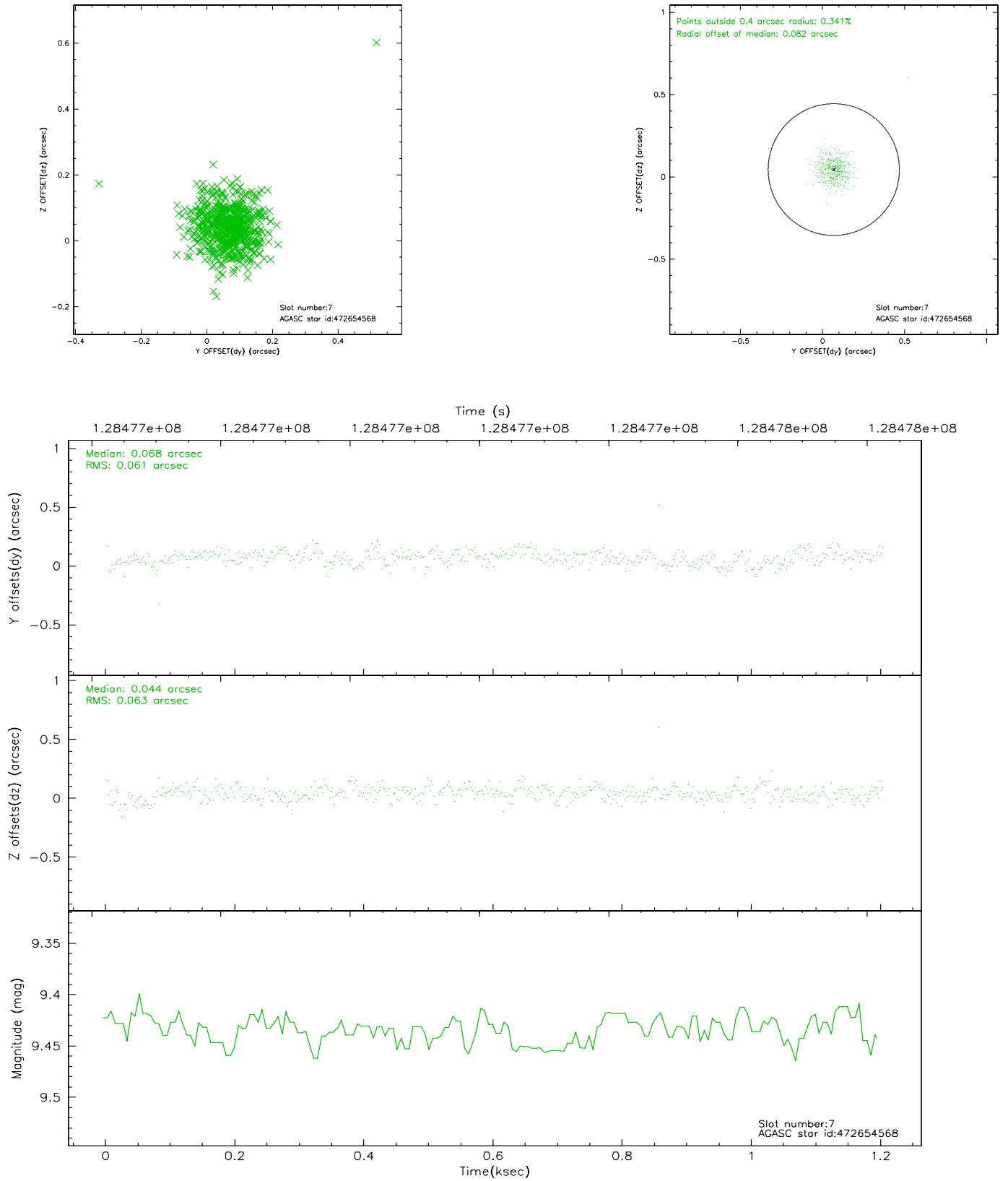
2.4.3 Slot 5



2.4.4 Slot 6

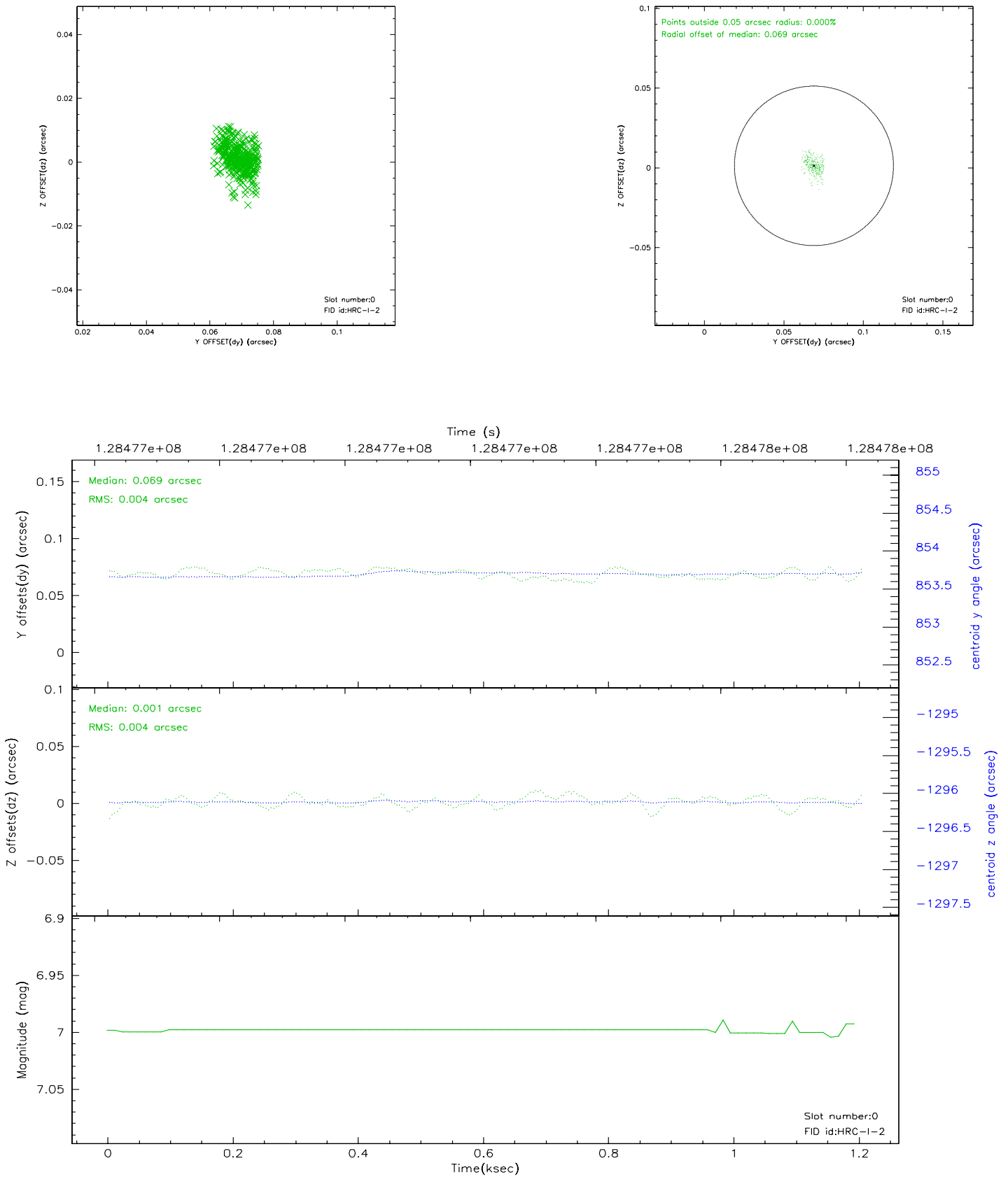


2.4.5 Slot 7

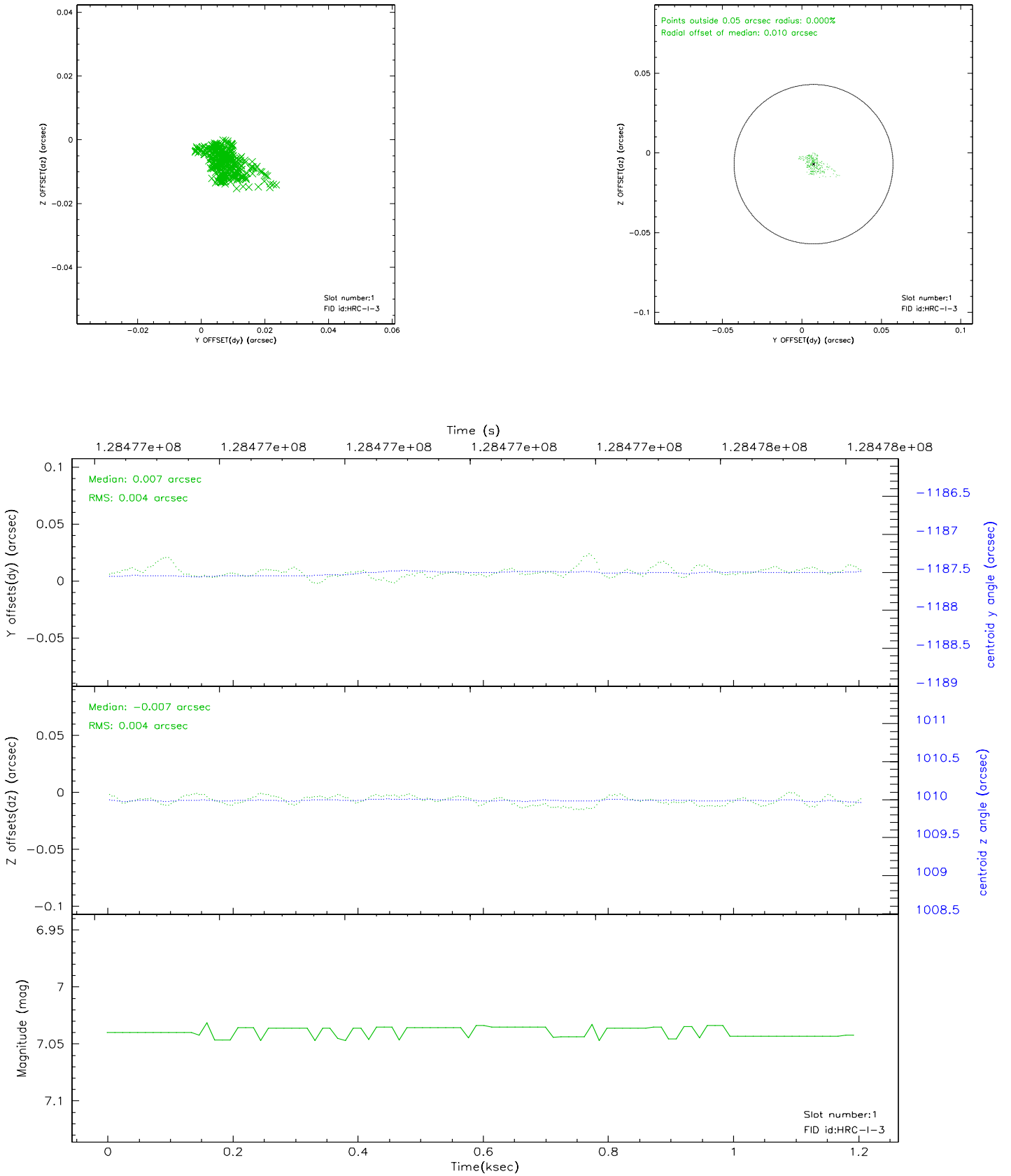


2.5 FID Slots

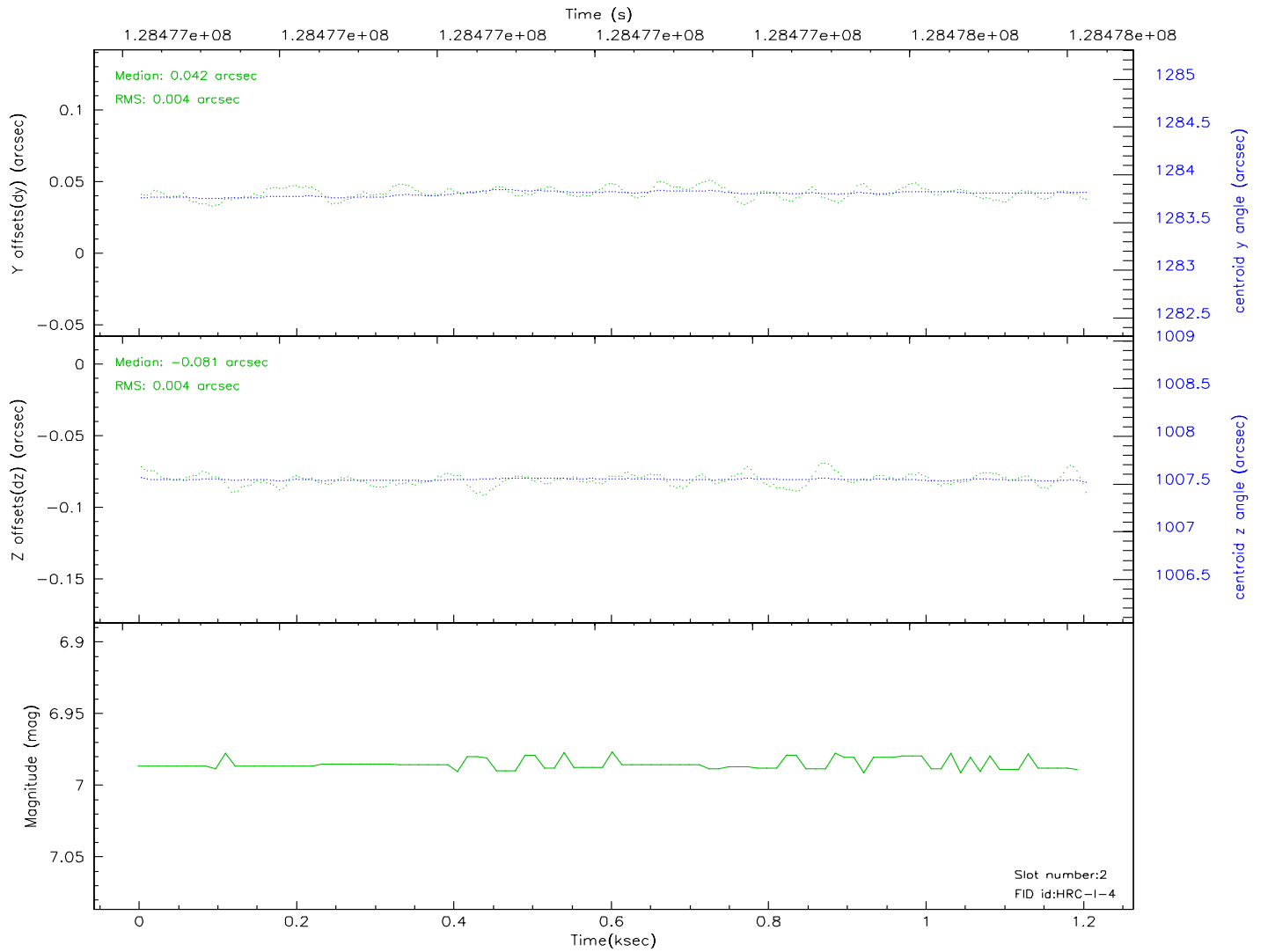
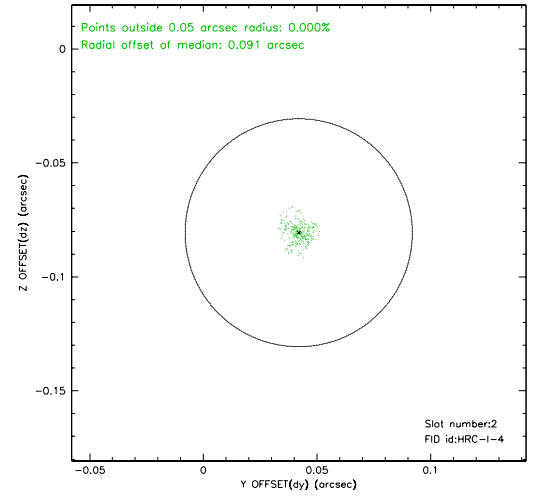
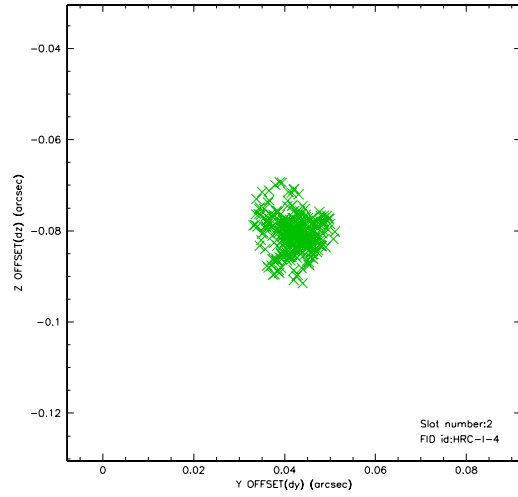
2.5.1 Slot 0



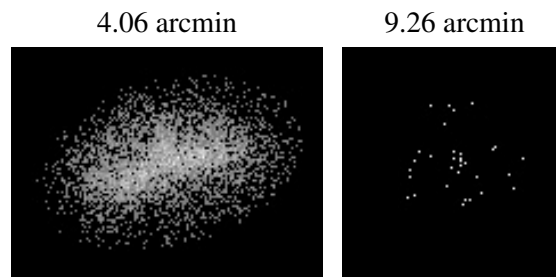
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.202

A.2 Comments

Monitor constraint met.

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.