

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2608 - L2 Version 4
Chandra X-Ray Center

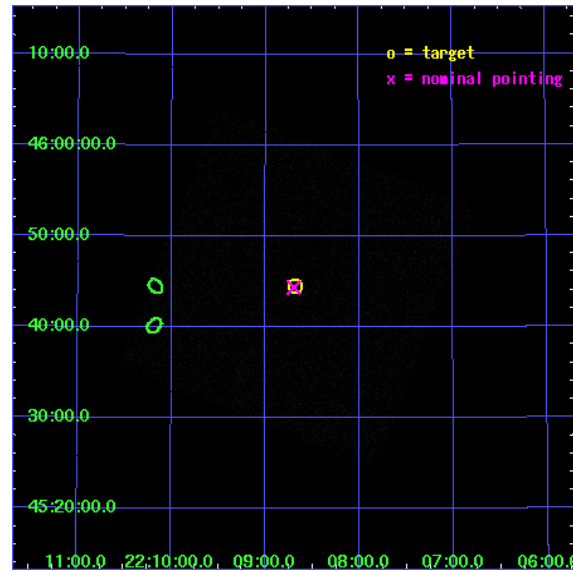
L2 Processing Date : Nov 21 2007

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1 Front

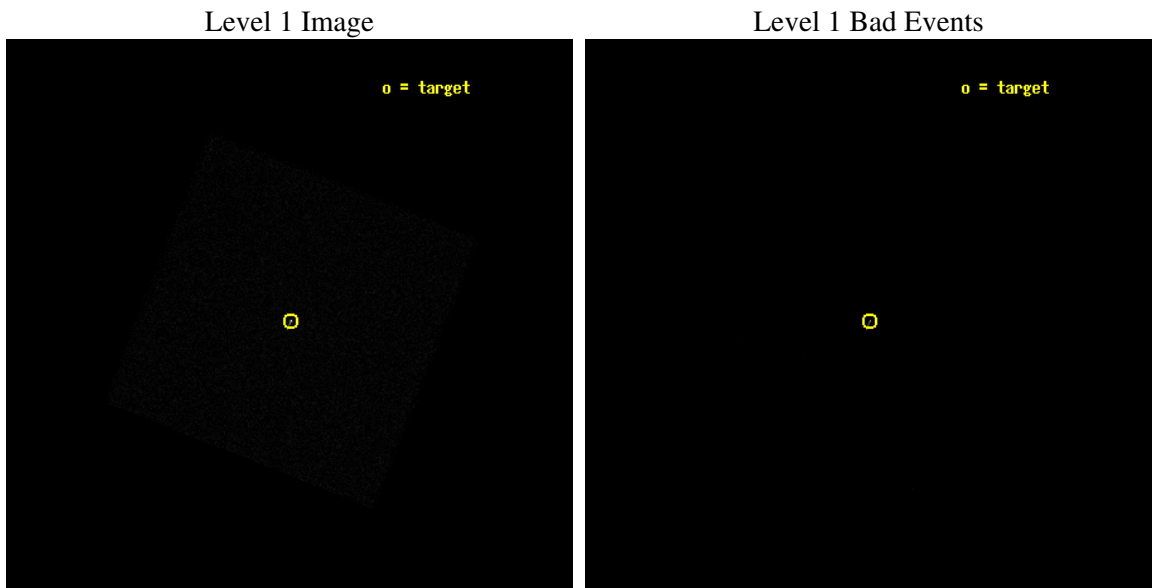
seq_num	290164
obs_id	2608
title	AO3 HRC-I CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.17412918186
dec_nom	45.739650754173
roll_nom	336.42745936397
revision	4
ontime	1196.4312981963
livetime	1189.7427606197
l2events	37900



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	2007-11-21T16:55:41
revision	4

sched_exp_time	1000.000000
ontime	1196.4312981963
l1events	68246

2.1.3 Events

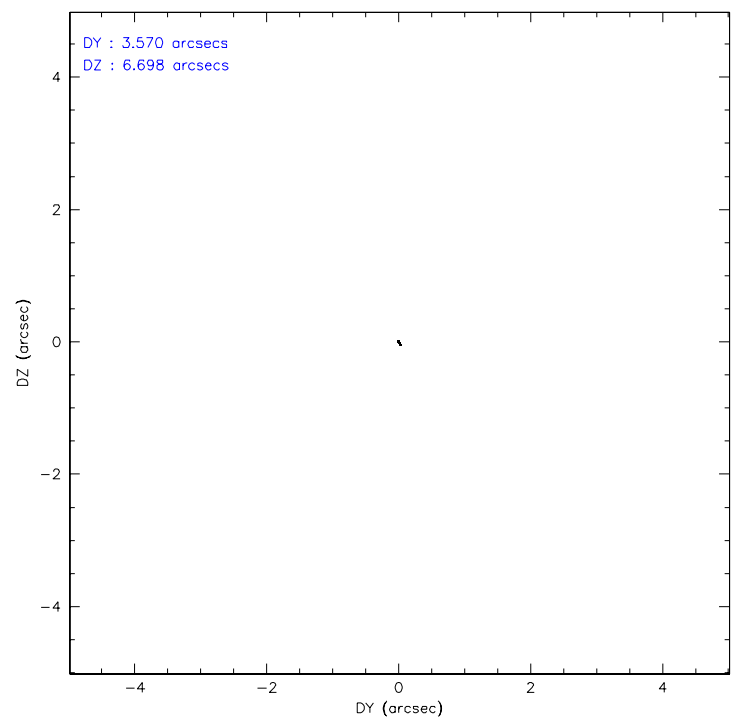
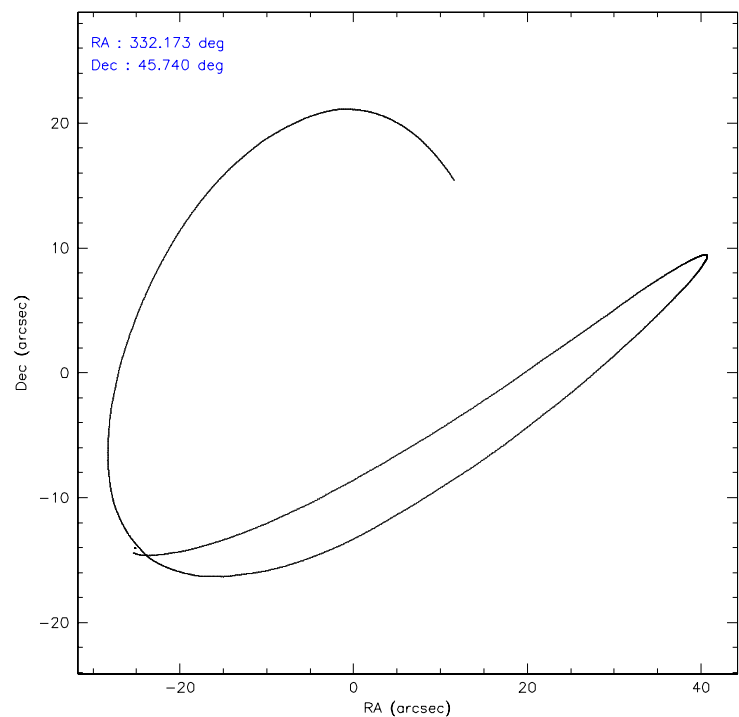
Level 1 Events

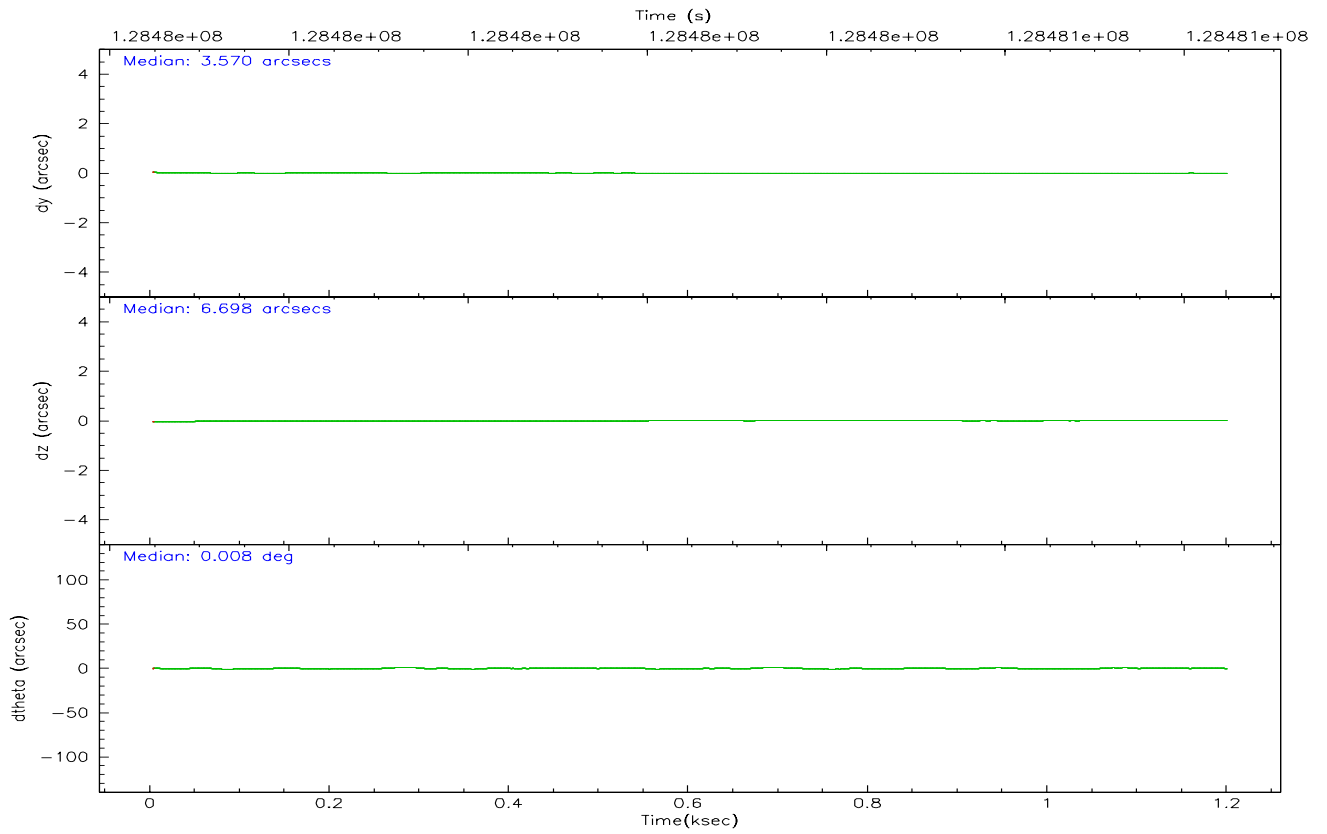
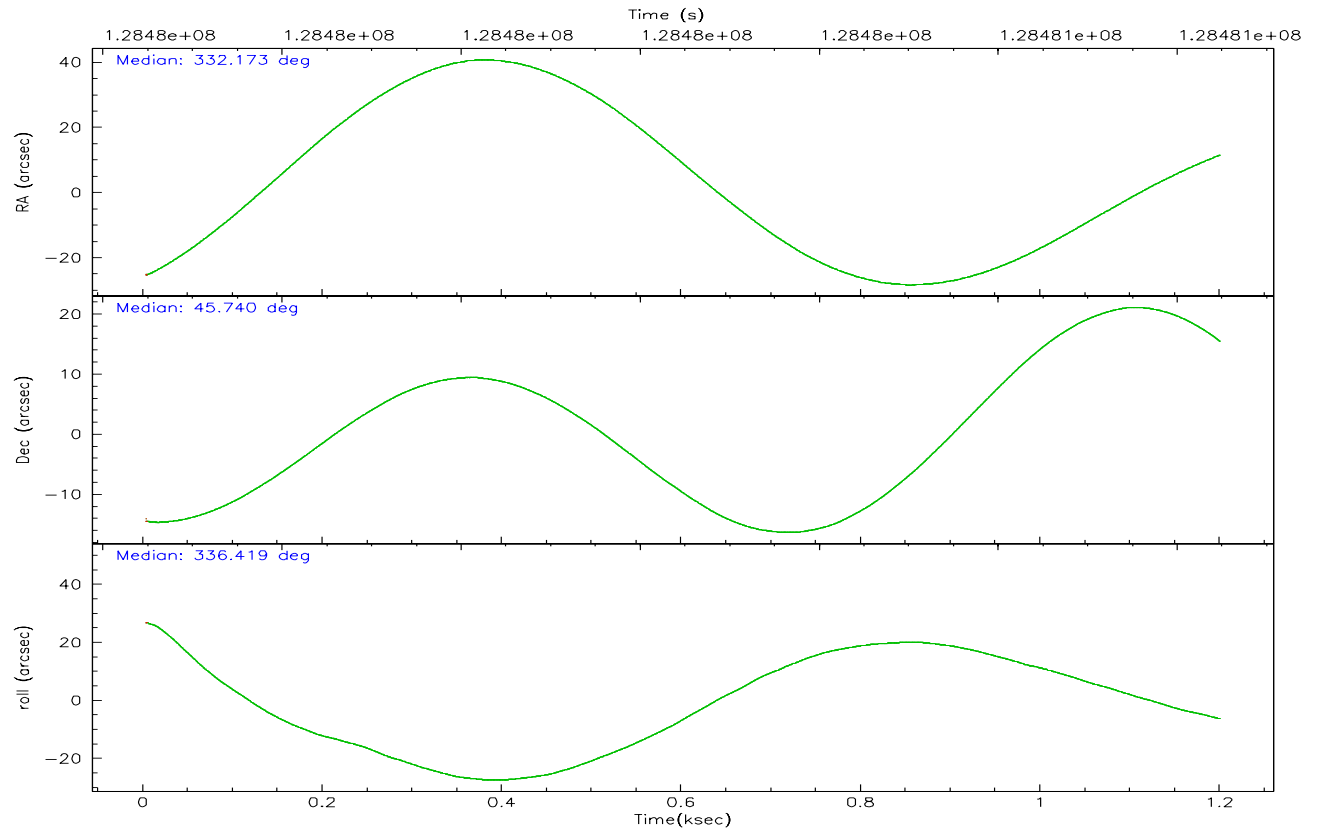
	segment 0
level 1 events	68246
rejected events	13989
rejected %	20%

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	332.135652	332.1741291818556			
Pointing Dec	45.735642	45.73965075417265			
Pointing Roll	336.550498	336.4274593639676			
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	128479849.184000	128479473.17732			
Observation start date	2002-01-27T00:49:45	2002-01-27T00:44:33			
Observation end time	128480849.184000	128480983.00238			
Observation end date	2002-01-27T01:06:25	2002-01-27T01:09:43			

2.3 Aspect



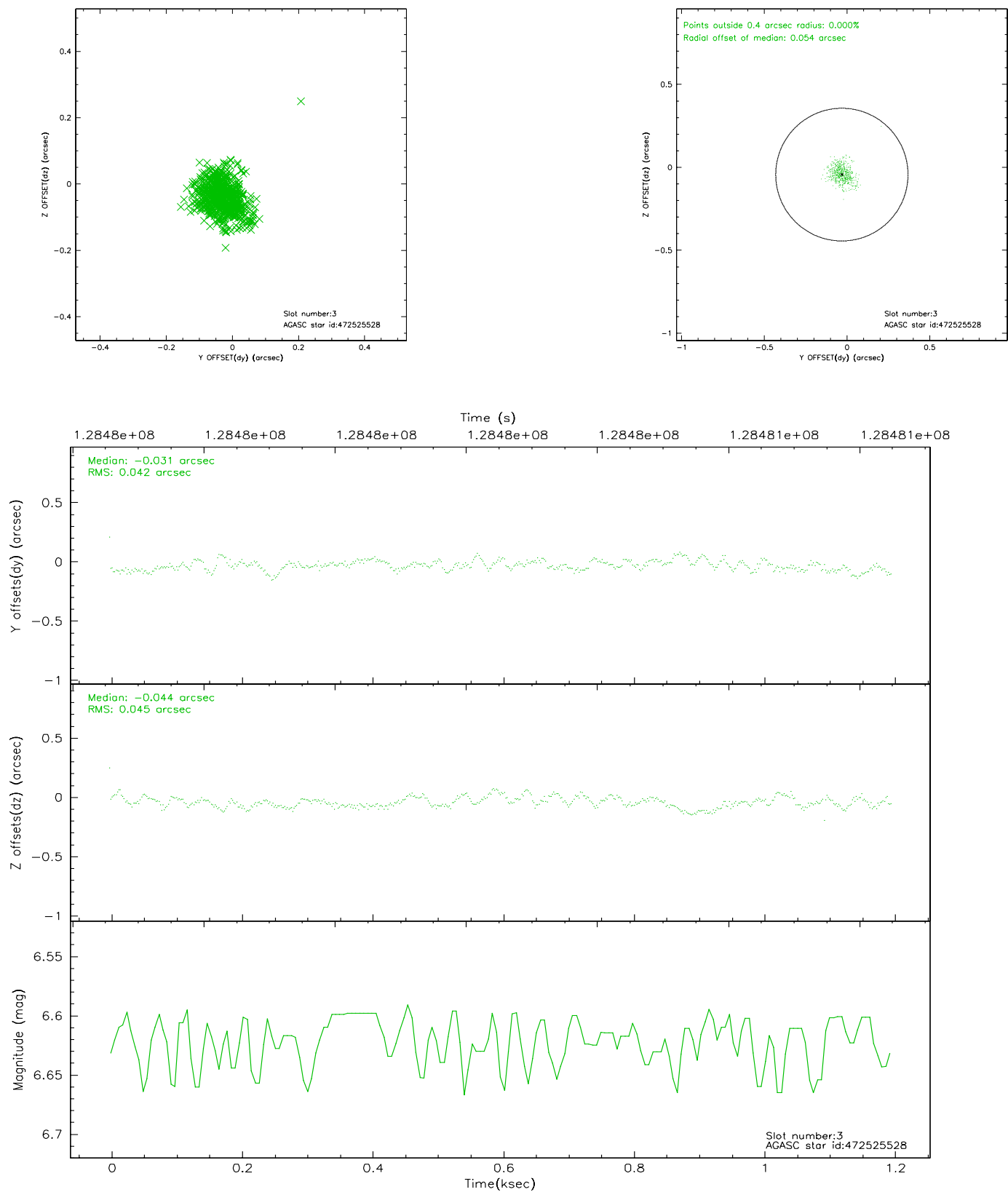


Slot Statistics

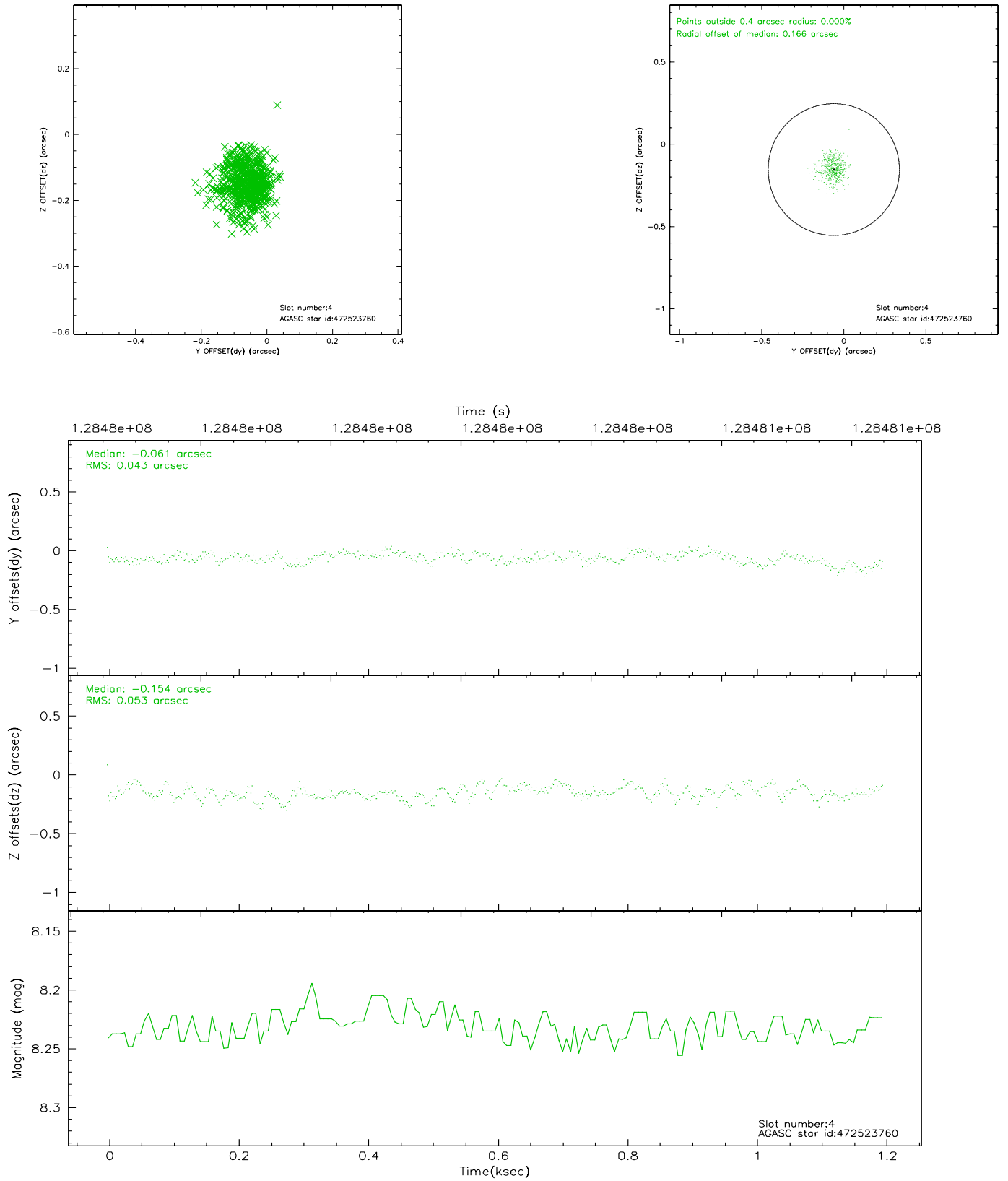
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	293	0.026	0.026	0.007	0.014	0.000000	0.000000	-759.01	-1294.57
1	FID	HRC-I-2	7.00	293	0.071	-0.062	0.006	0.011	0.000000	0.000000	851.07	-1300.62
2	FID	HRC-I-3	7.04	293	0.022	-0.053	0.006	0.009	0.000000	0.000000	-1184.64	1005.47
3	GUIDE	472525528	6.62	585	-0.031	-0.044	0.063	0.104	331.551102	45.248694	-662.87	-2194.83
4	GUIDE	472523760	8.23	585	-0.061	-0.154	0.073	0.116	331.645363	45.403260	-662.64	-1593.29
5	GUIDE	472659832	9.46	585	-0.006	0.101	0.128	0.246	332.780399	46.098139	953.87	1839.37
6	GUIDE	472654568	9.43	585	-0.023	0.016	0.114	0.184	332.194449	45.063576	1102.50	-2158.61
7	GUIDE	472655152	9.43	583	0.115	0.065	0.119	0.207	332.504239	45.862991	666.97	784.93

2.4 Star Slots

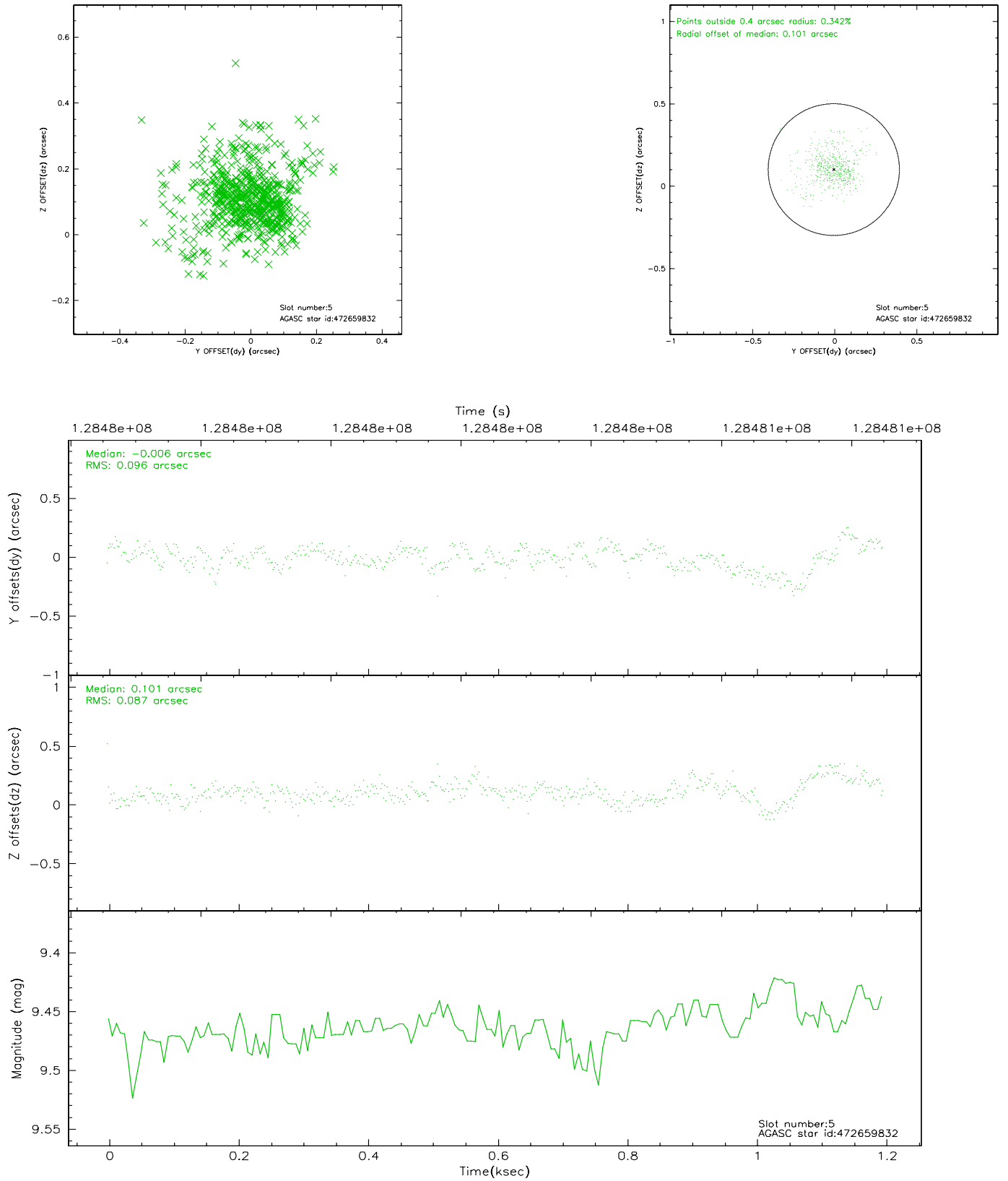
2.4.1 Slot 3



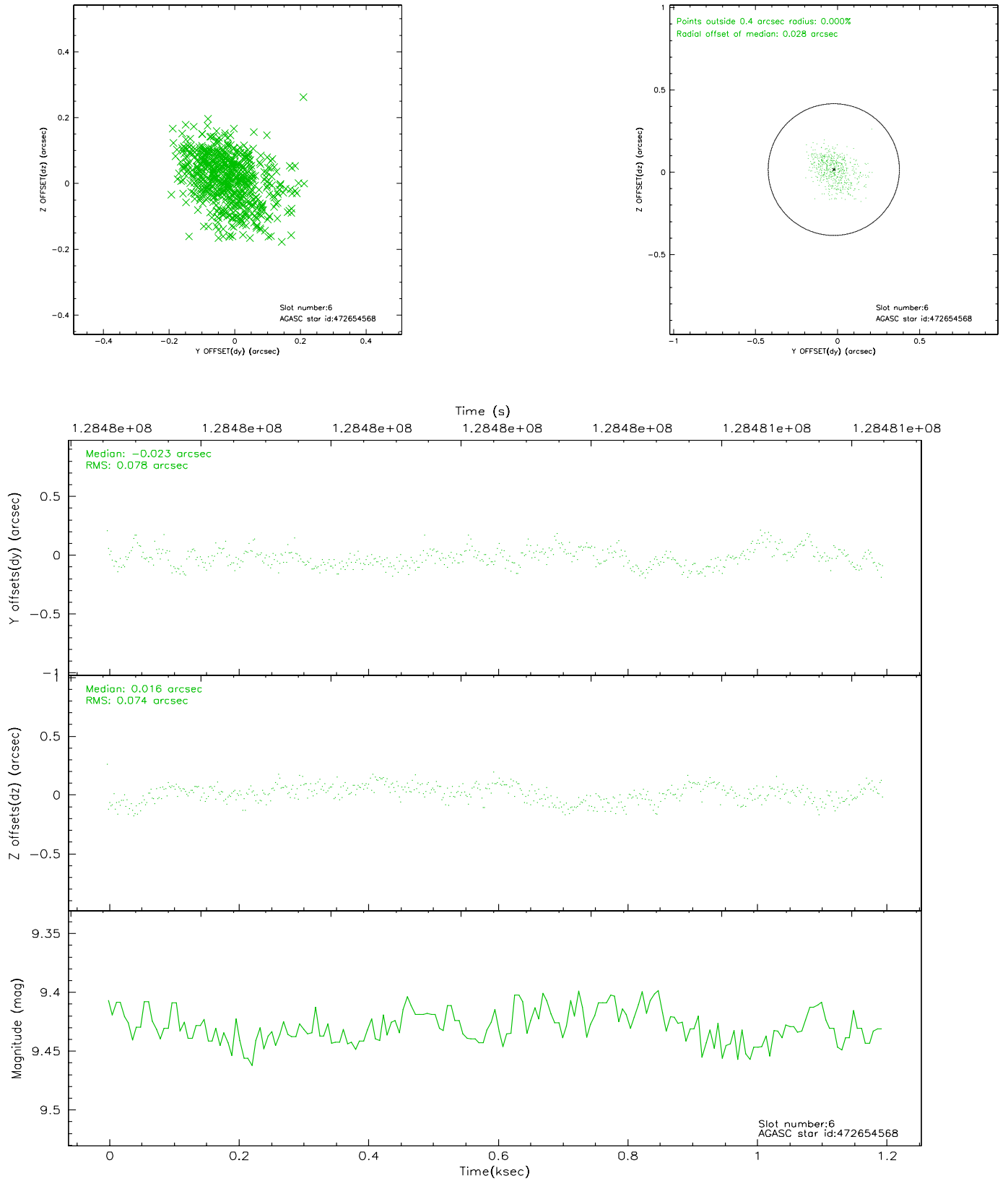
2.4.2 Slot 4



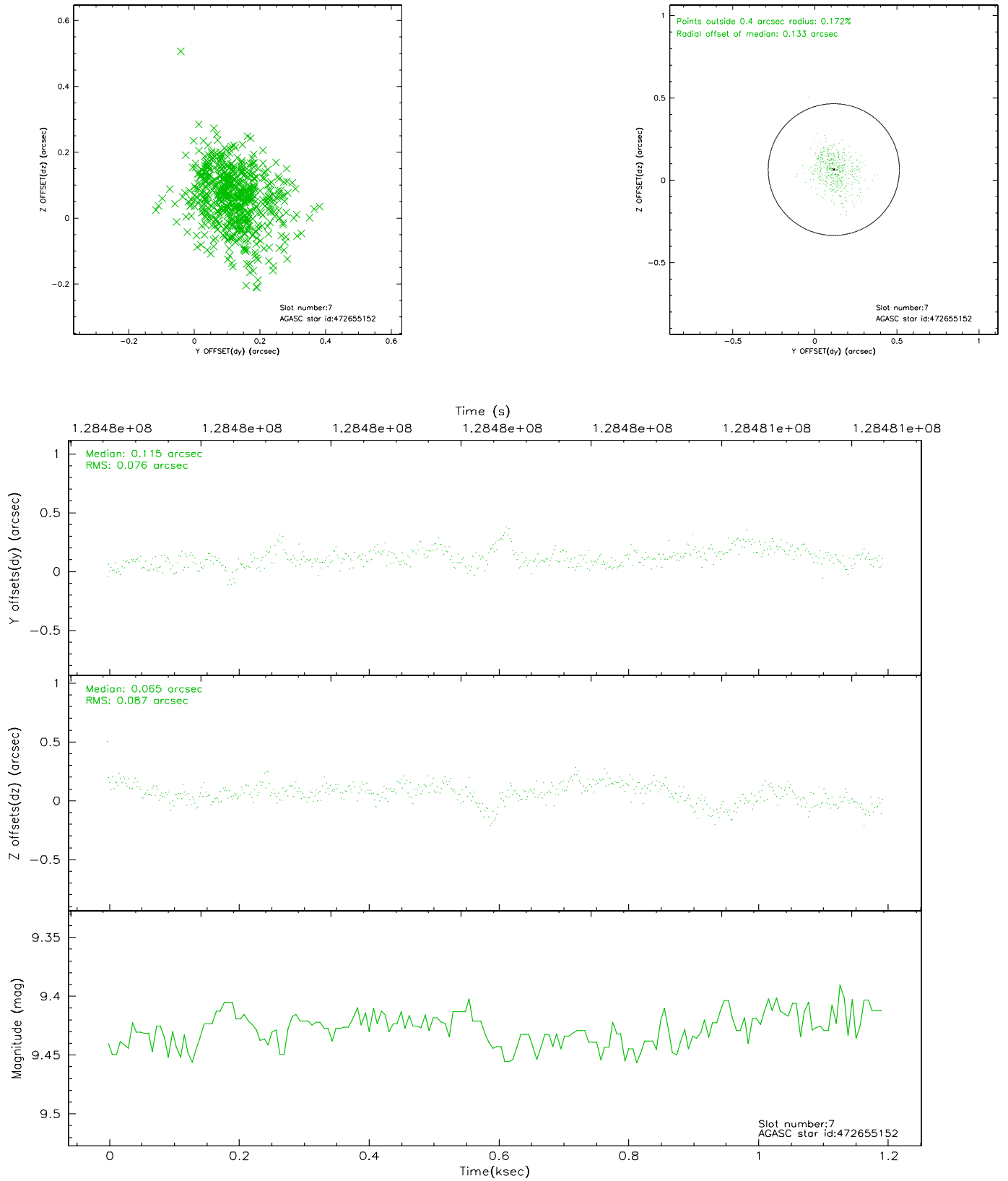
2.4.3 Slot 5



2.4.4 Slot 6

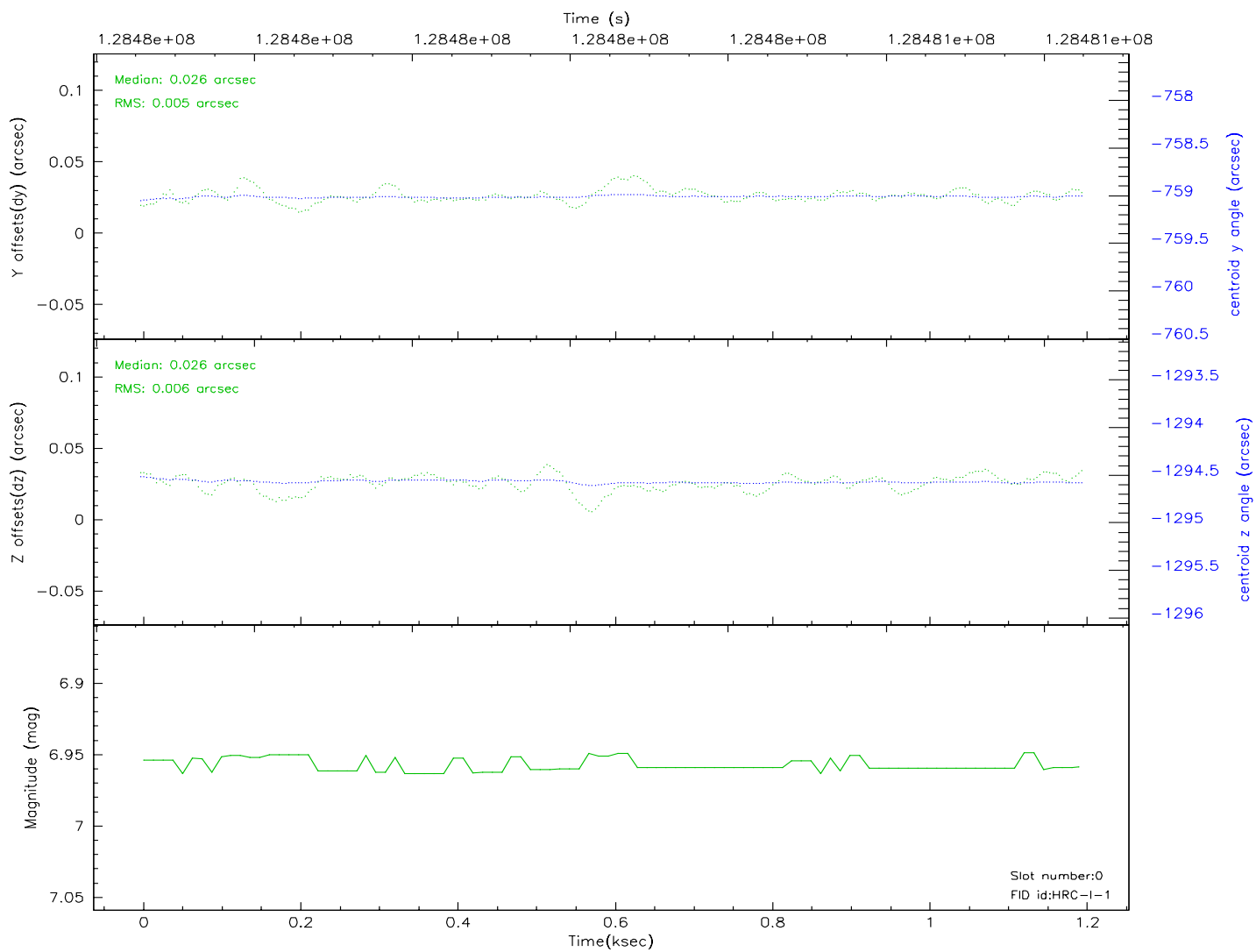
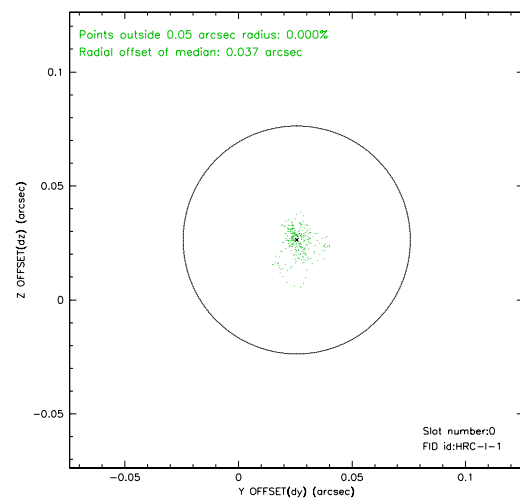
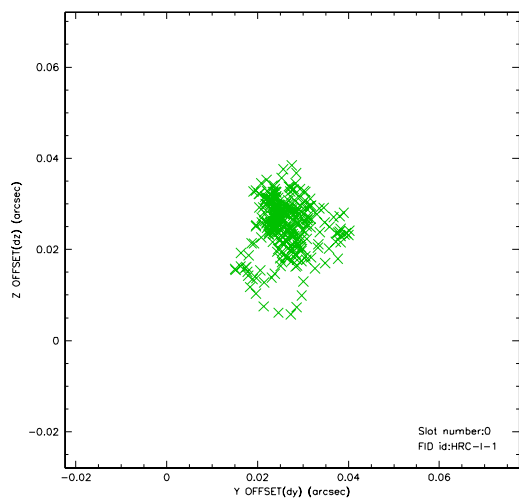


2.4.5 Slot 7

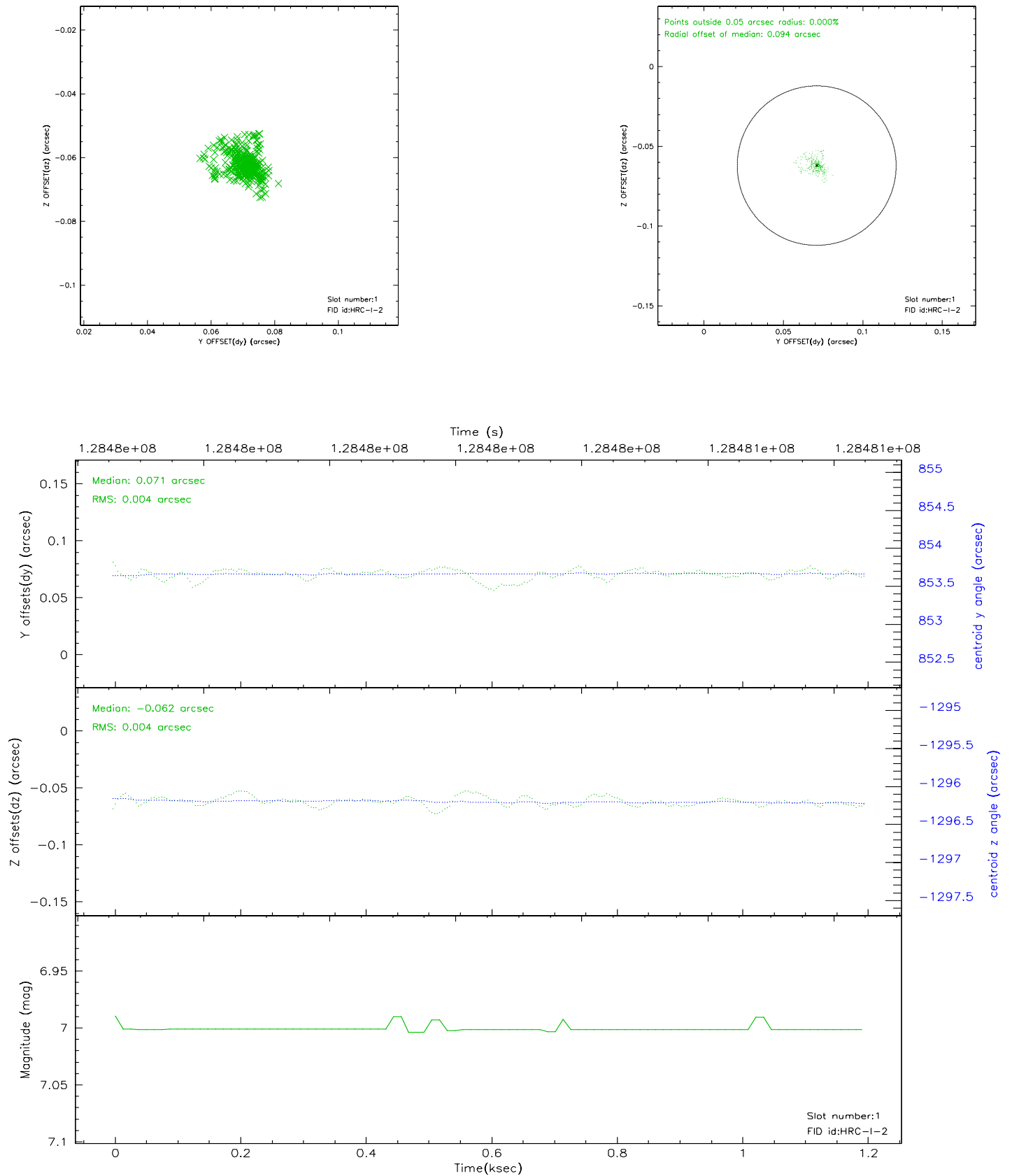


2.5 FID Slots

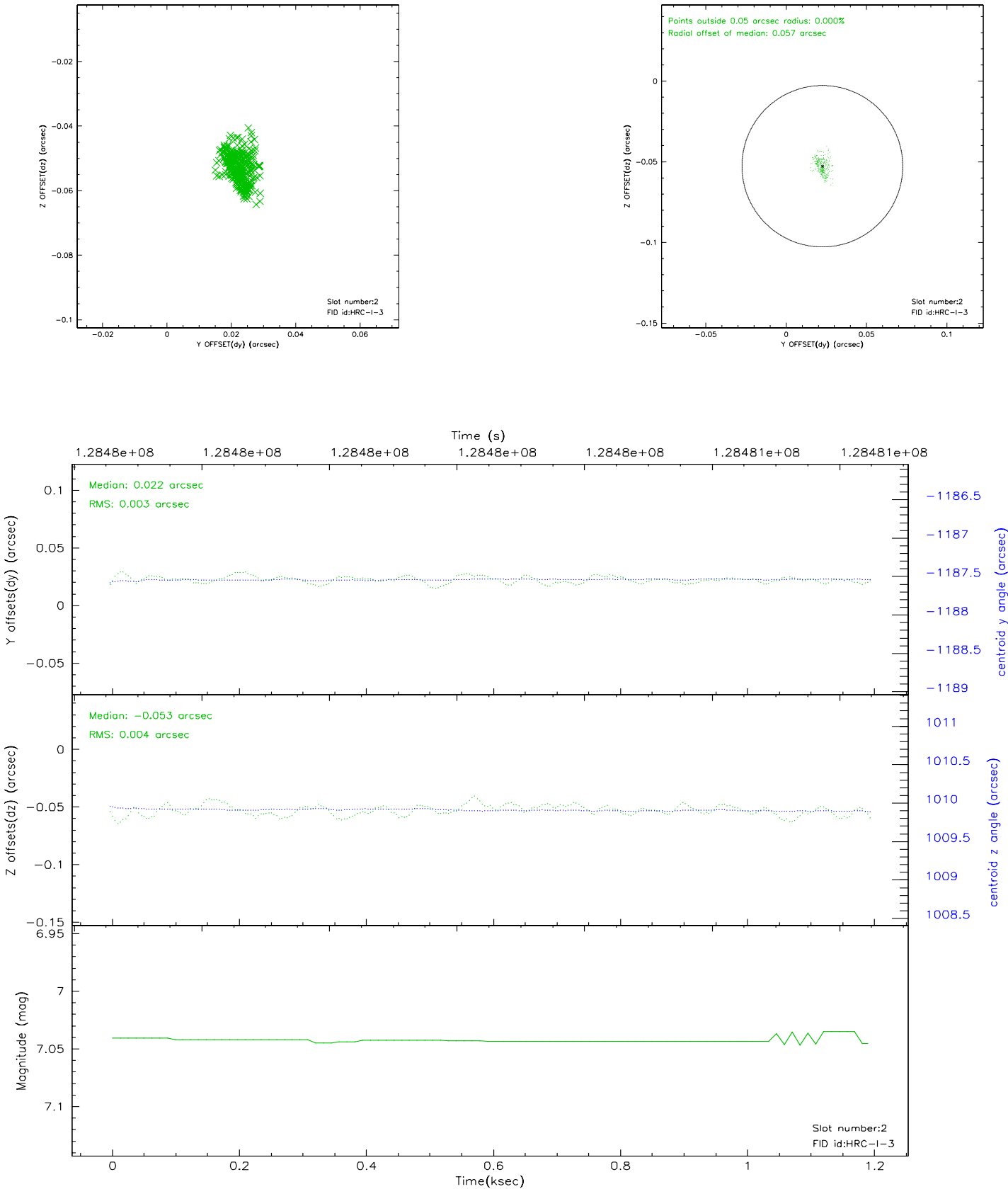
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

16.10 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	1.194

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.