

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2609 - L2 Version 3
Chandra X-Ray Center

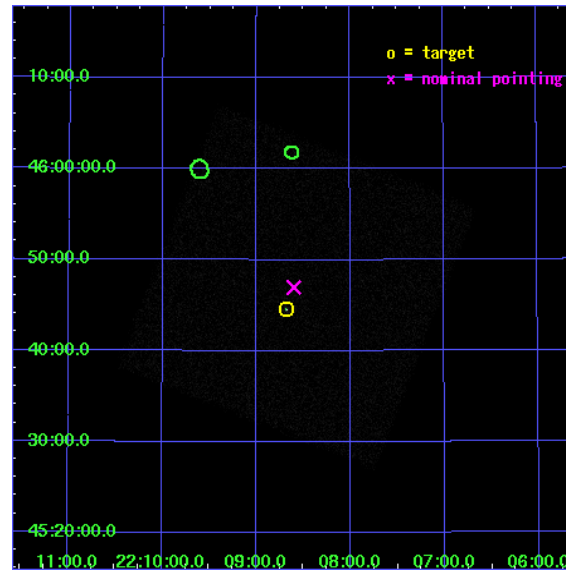
L2 Processing Date : Nov 21 2007

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1 Front

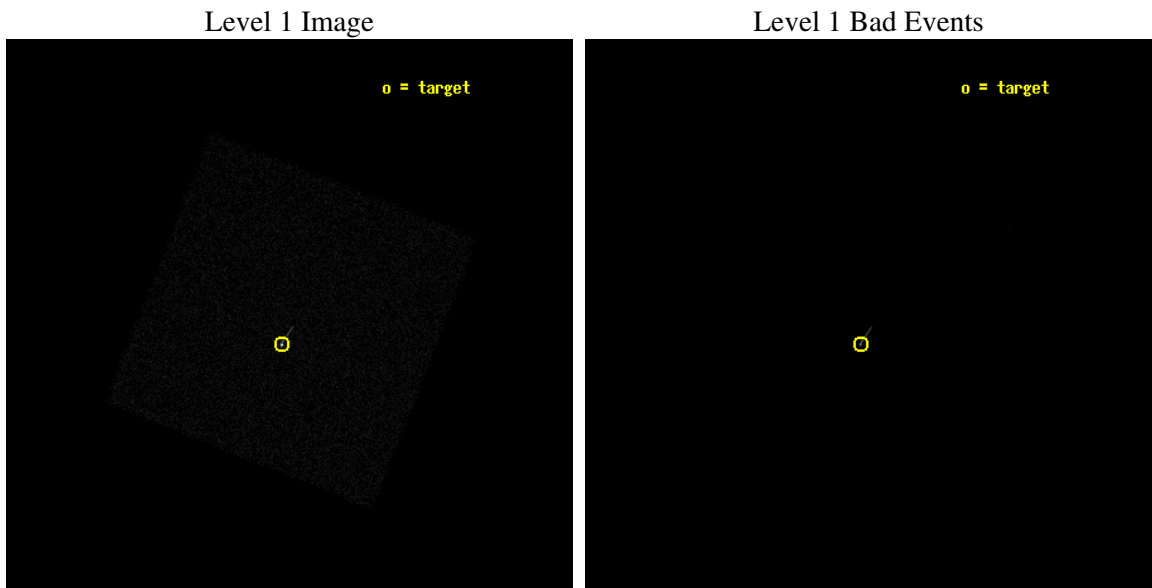
seq_num	290165
obs_id	2609
title	AO3 HRC-I CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.14997984849
dec_nom	45.783034574903
roll_nom	336.47506696672
revision	3
ontime	1194.3812981248
livetime	1187.7306430786
l2events	37674



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	2007-11-21T16:55:52
revision	3

sched_exp_time	1000.000000
ontime	1194.3812981248
l1events	68138

2.1.3 Events

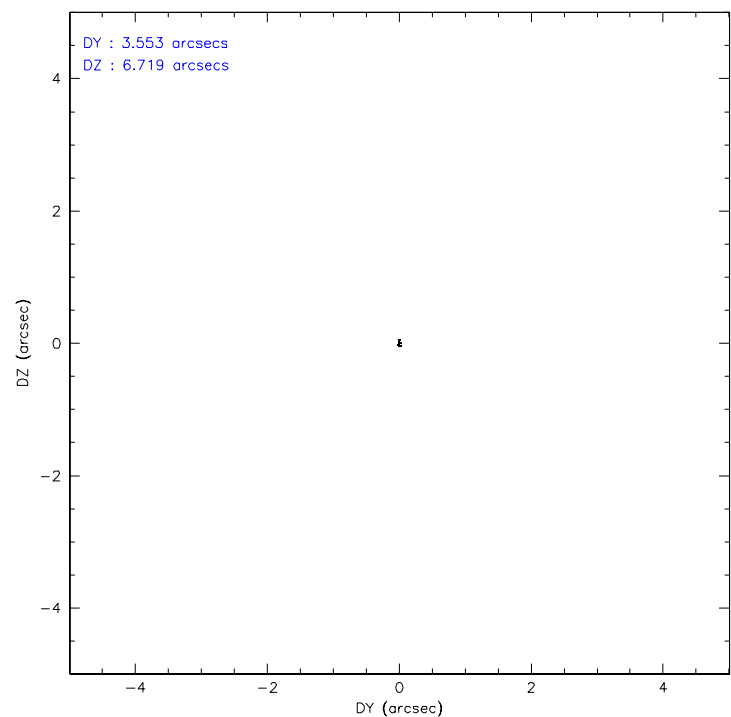
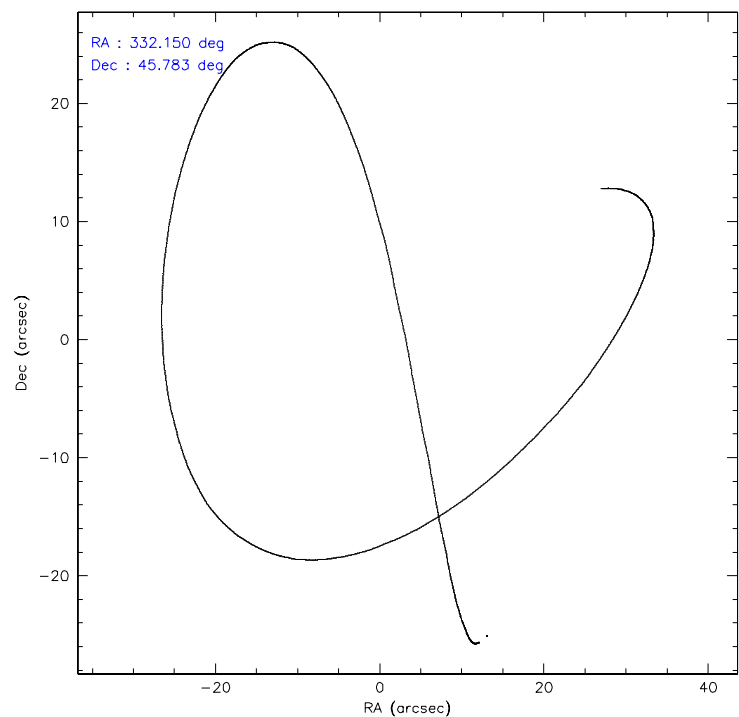
Level 1 Events

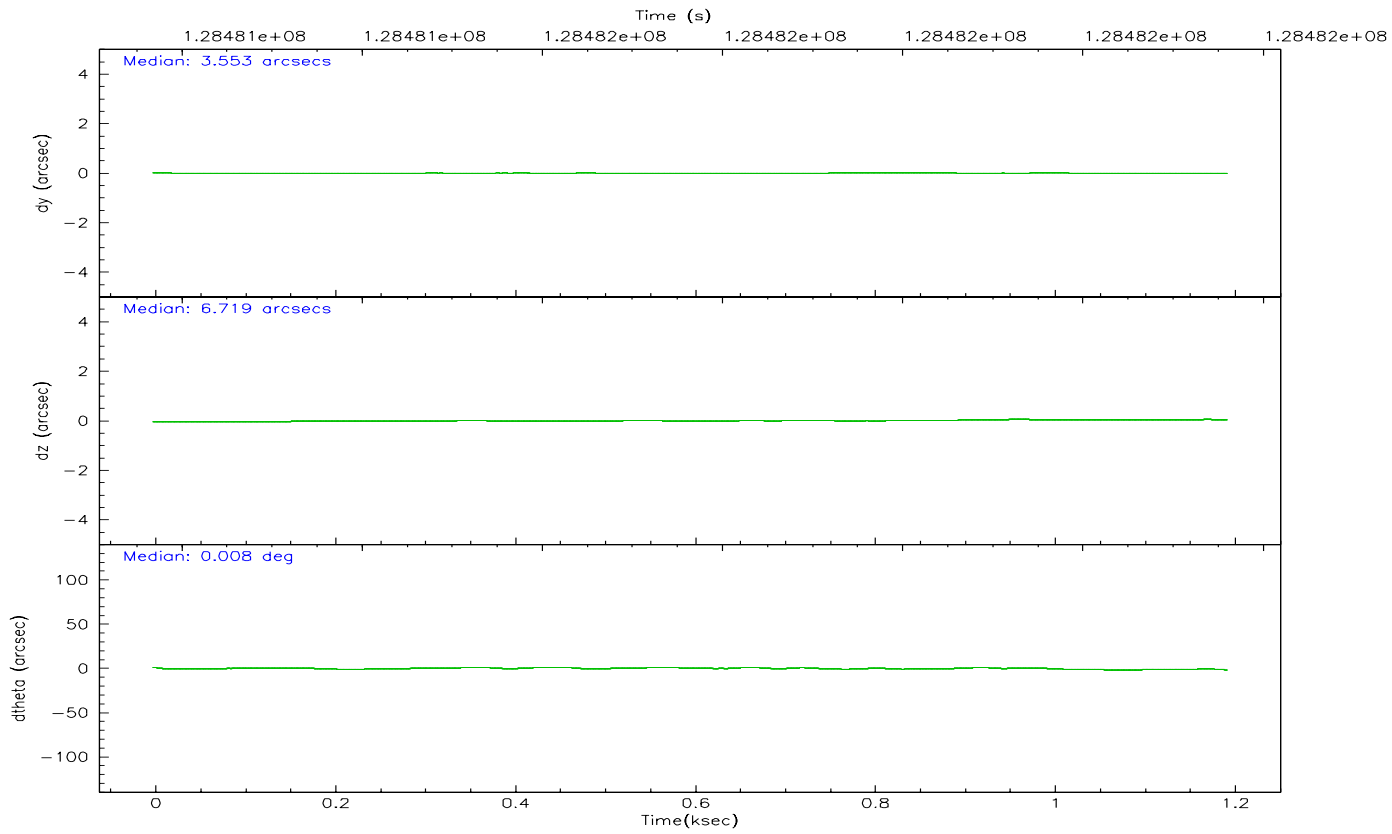
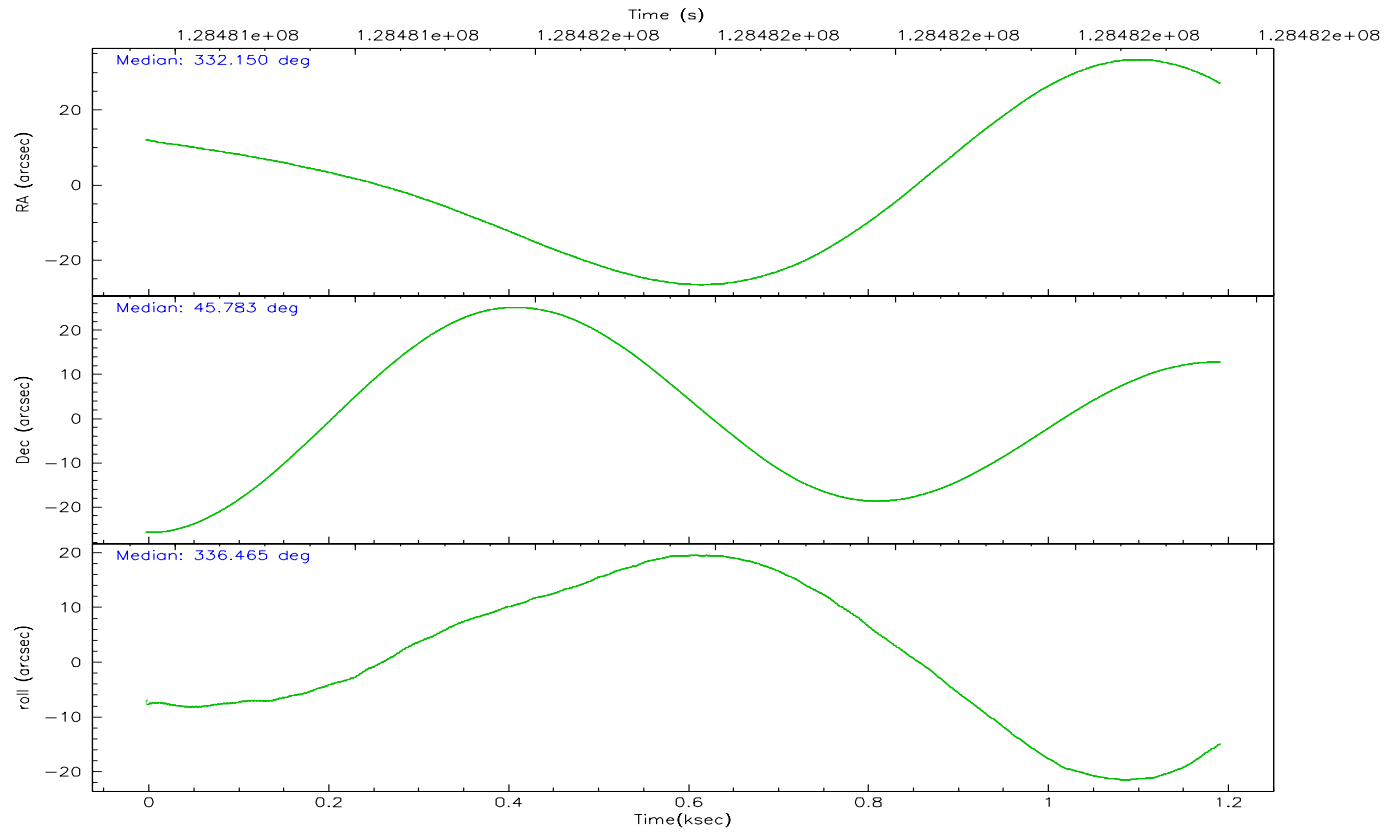
	segment 0
level 1 events	68138
rejected events	14284
rejected %	20%

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	332.110793	332.1499798484865			
Pointing Dec	45.779453	45.78303457490346			
Pointing Roll	336.598694	336.4750669667166			
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	128481359.184000	128480983.00238			
Observation start date	2002-01-27T01:14:55	2002-01-27T01:09:43			
Observation end time	128482359.184000	128482493.33994			
Observation end date	2002-01-27T01:31:35	2002-01-27T01:34:53			

2.3 Aspect



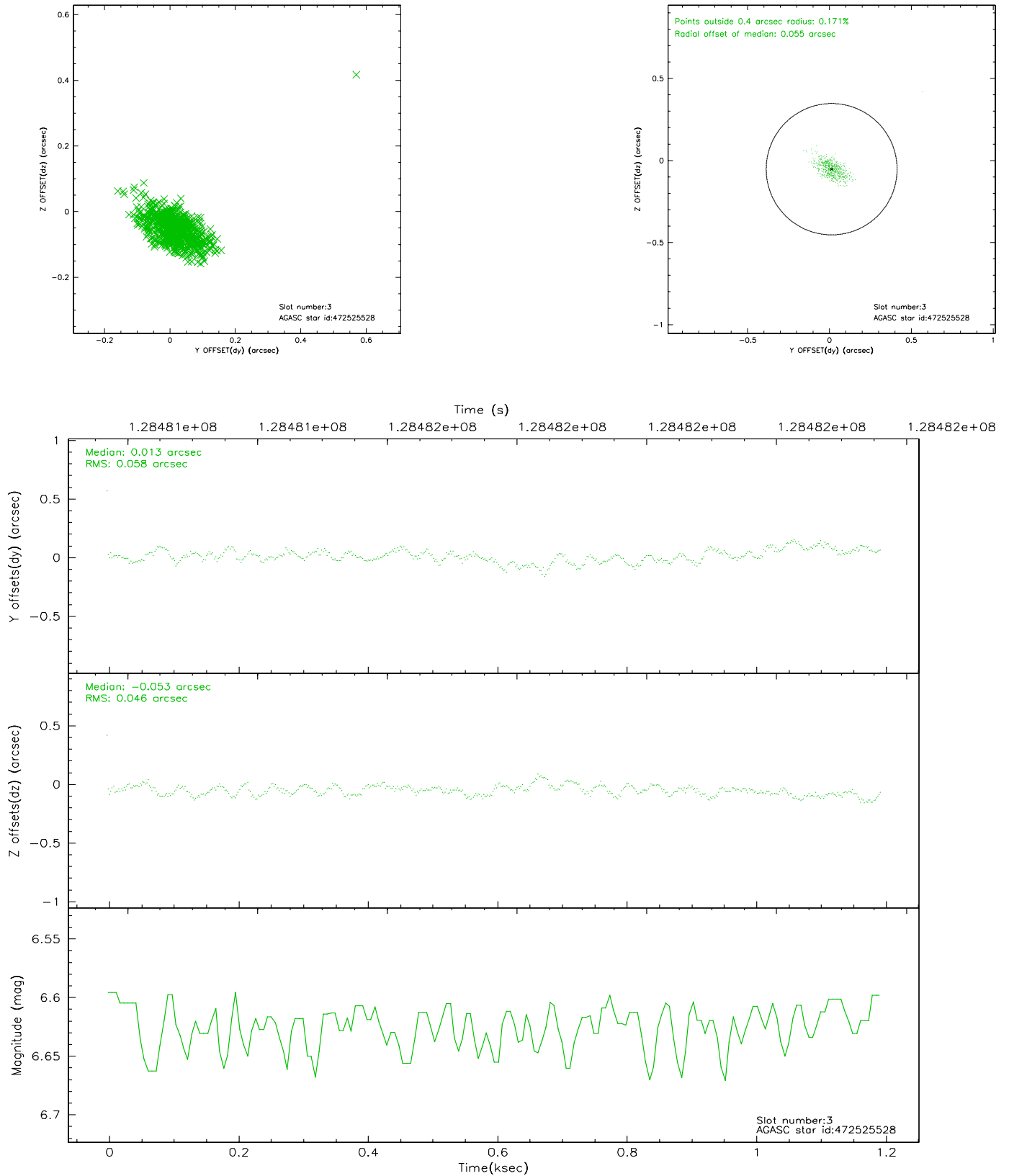


Slot Statistics

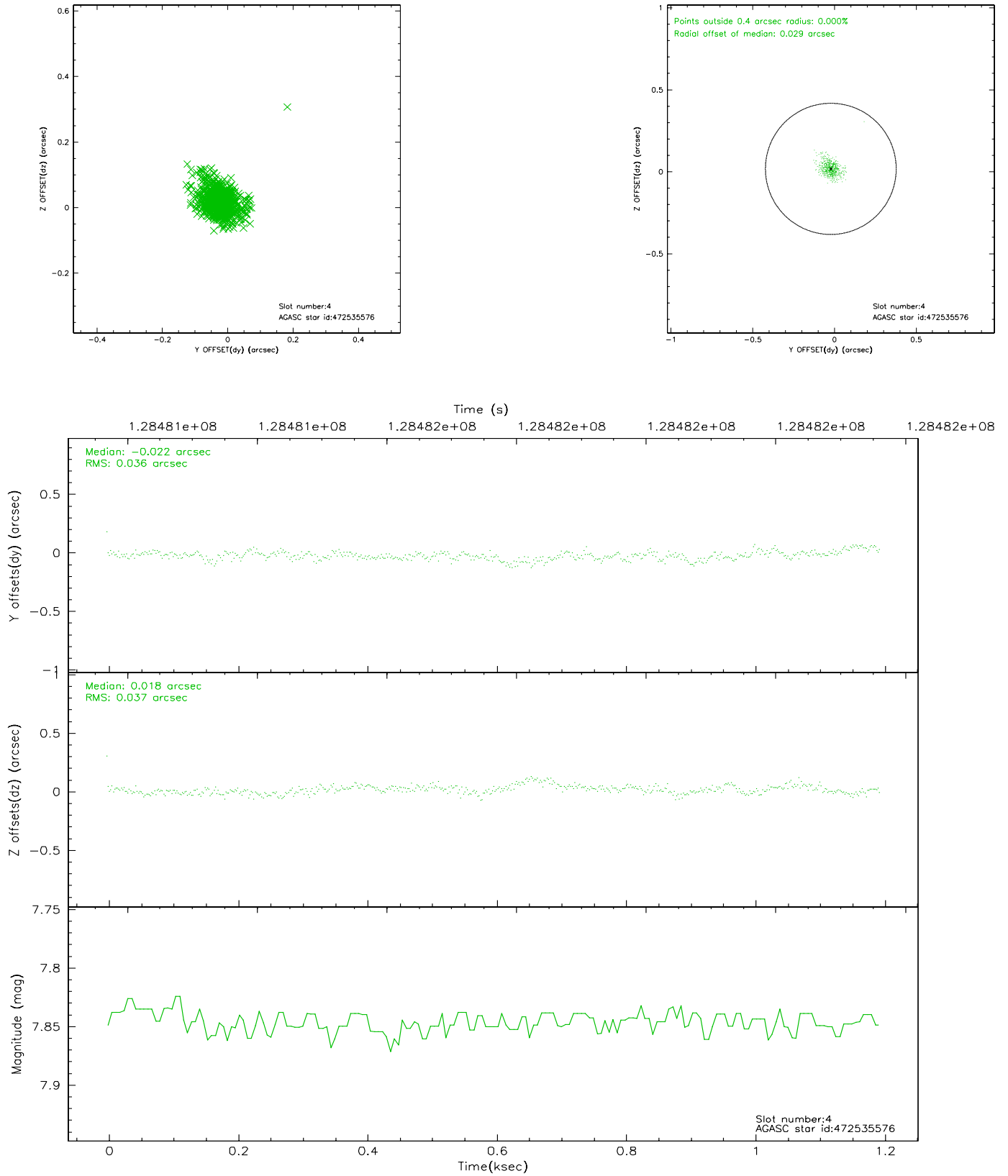
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	292	0.025	0.026	0.007	0.020	0.000000	0.000000	-759.00	-1294.60
1	FID	HRC-I-2	7.00	292	0.072	-0.061	0.006	0.024	0.000000	0.000000	851.09	-1300.66
2	FID	HRC-I-3	7.04	292	0.023	-0.054	0.006	0.010	0.000000	0.000000	-1184.61	1005.42
3	GUIDE	472525528	6.62	584	0.013	-0.053	0.069	0.122	331.551102	45.248694	-546.32	-2313.35
4	GUIDE	472535576	7.85	584	-0.022	0.018	0.050	0.091	331.438373	46.291802	-2273.35	1029.83
5	GUIDE	472536328	8.12	584	-0.002	0.086	0.070	0.116	331.496671	46.454831	-2371.80	1632.58
6	GUIDE	472665256	9.01	584	-0.042	-0.045	0.097	0.174	332.808125	46.195041	991.38	2072.35
7	GUIDE	472654568	9.44	582	0.060	-0.031	0.120	0.212	332.194449	45.063576	1219.26	-2277.58

2.4 Star Slots

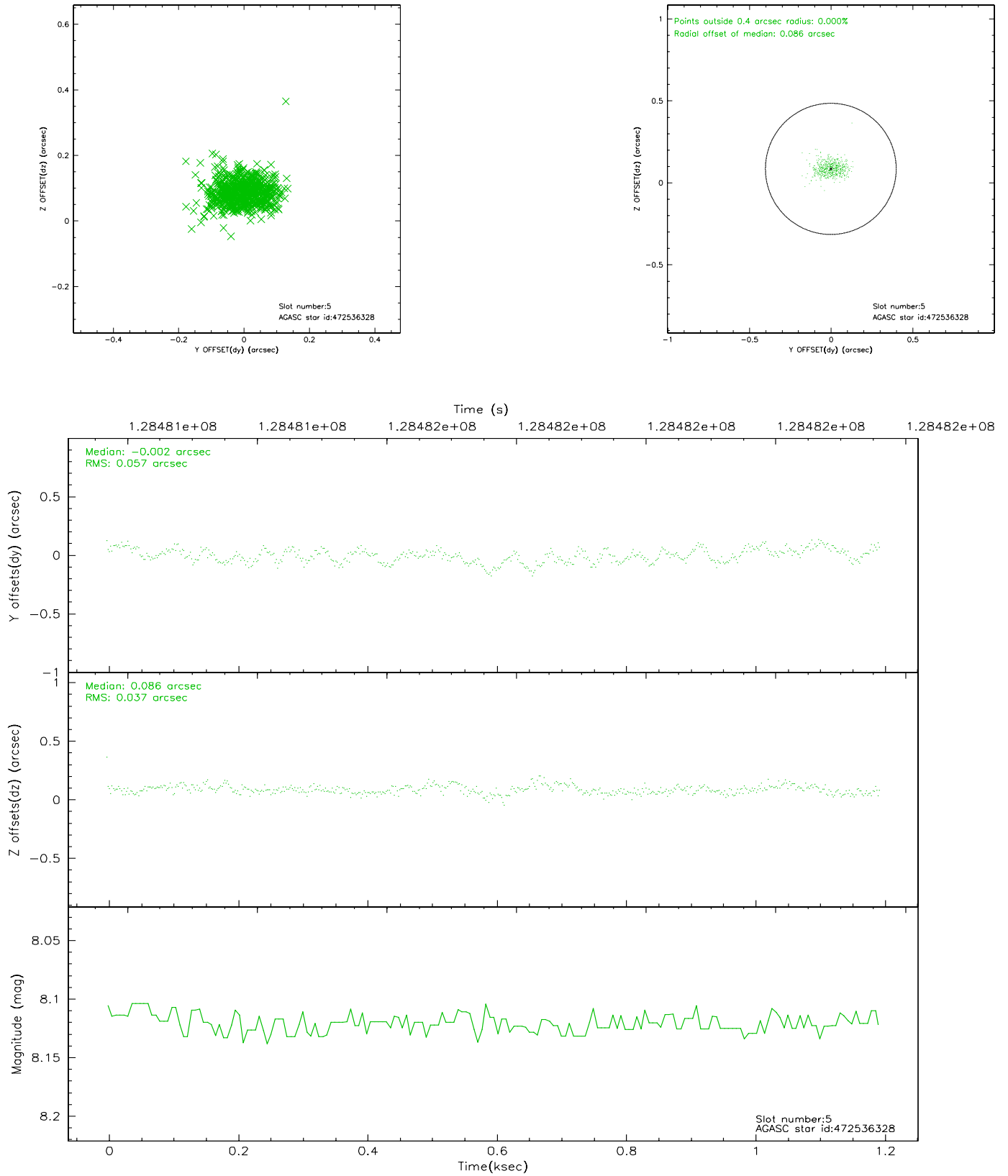
2.4.1 Slot 3



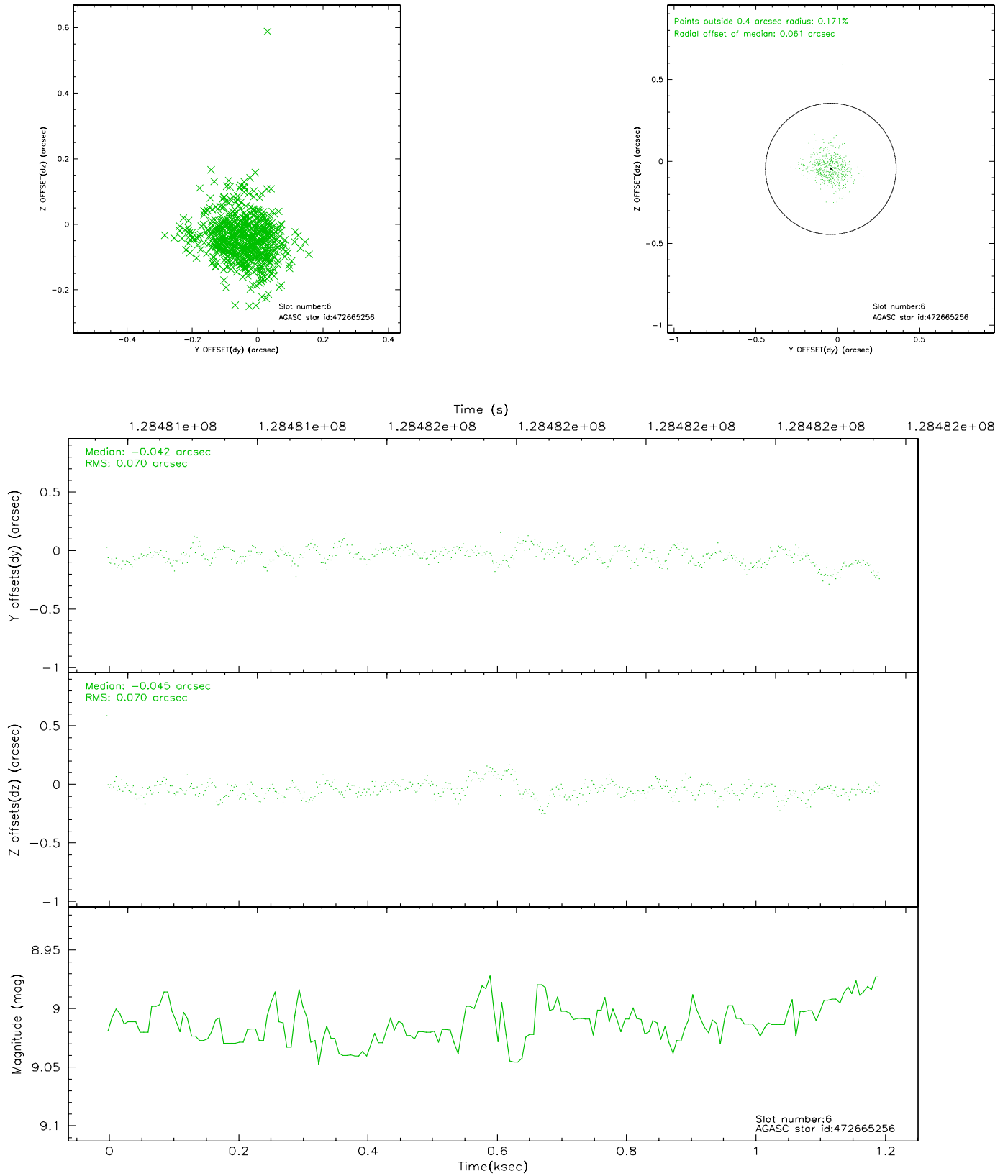
2.4.2 Slot 4



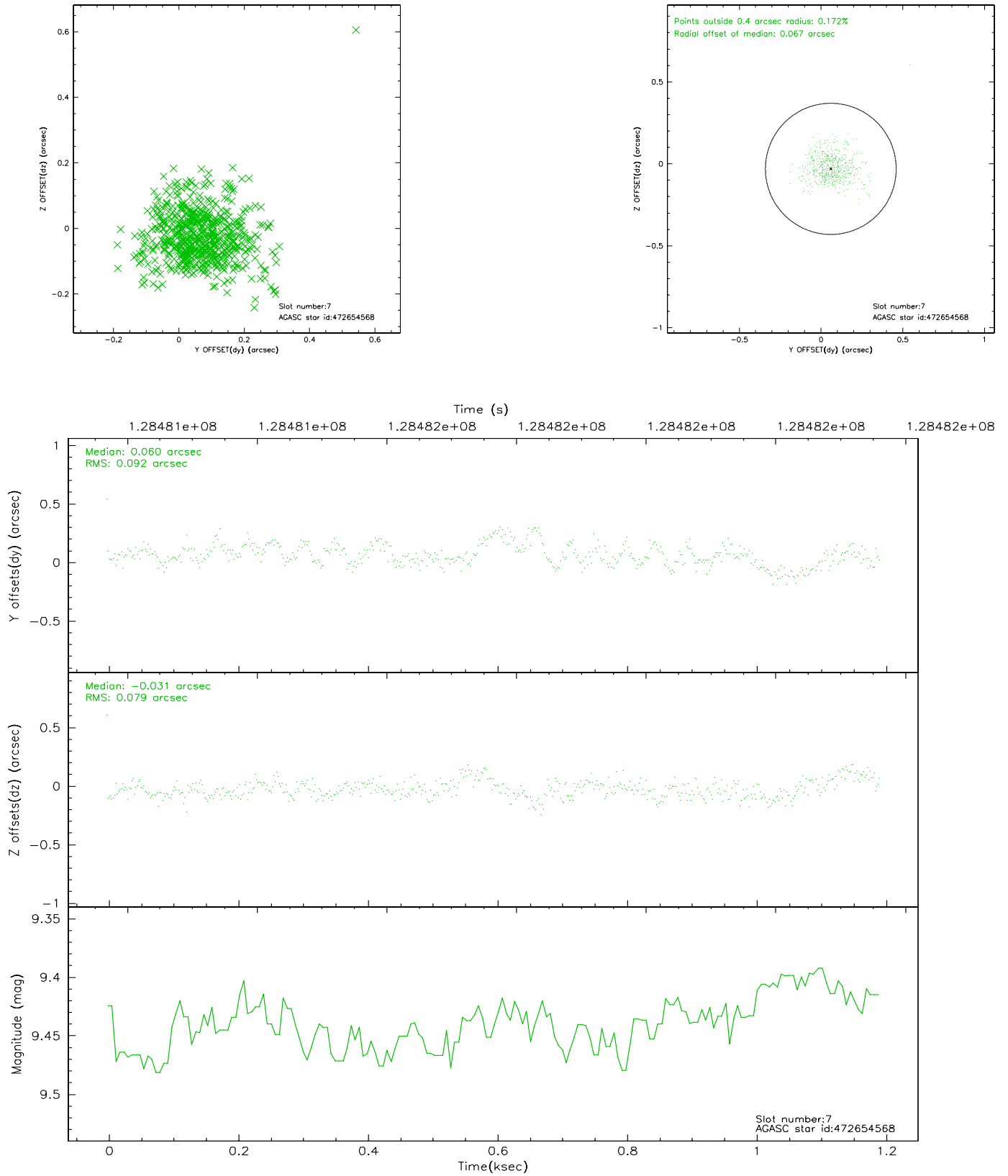
2.4.3 Slot 5



2.4.4 Slot 6

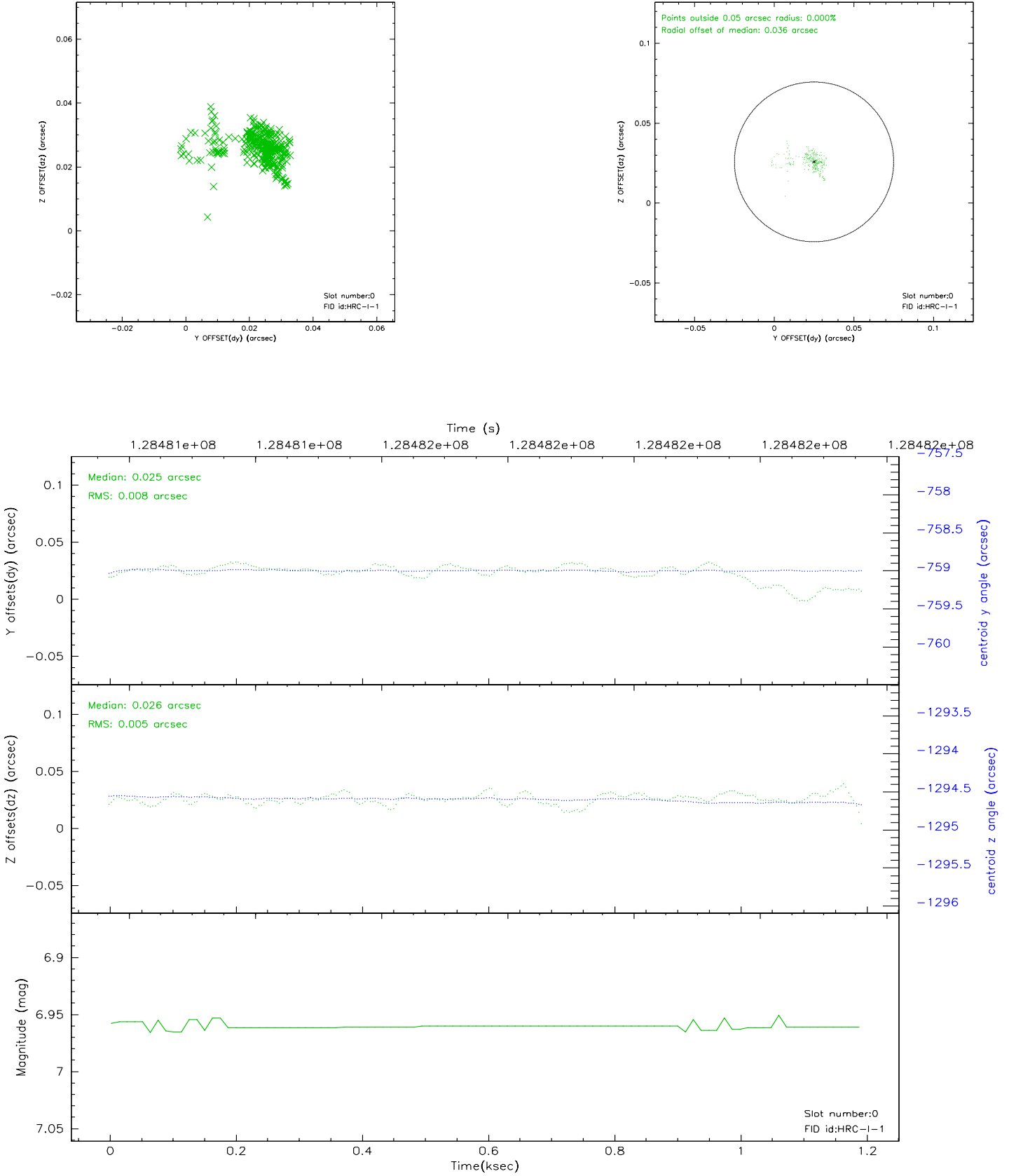


2.4.5 Slot 7

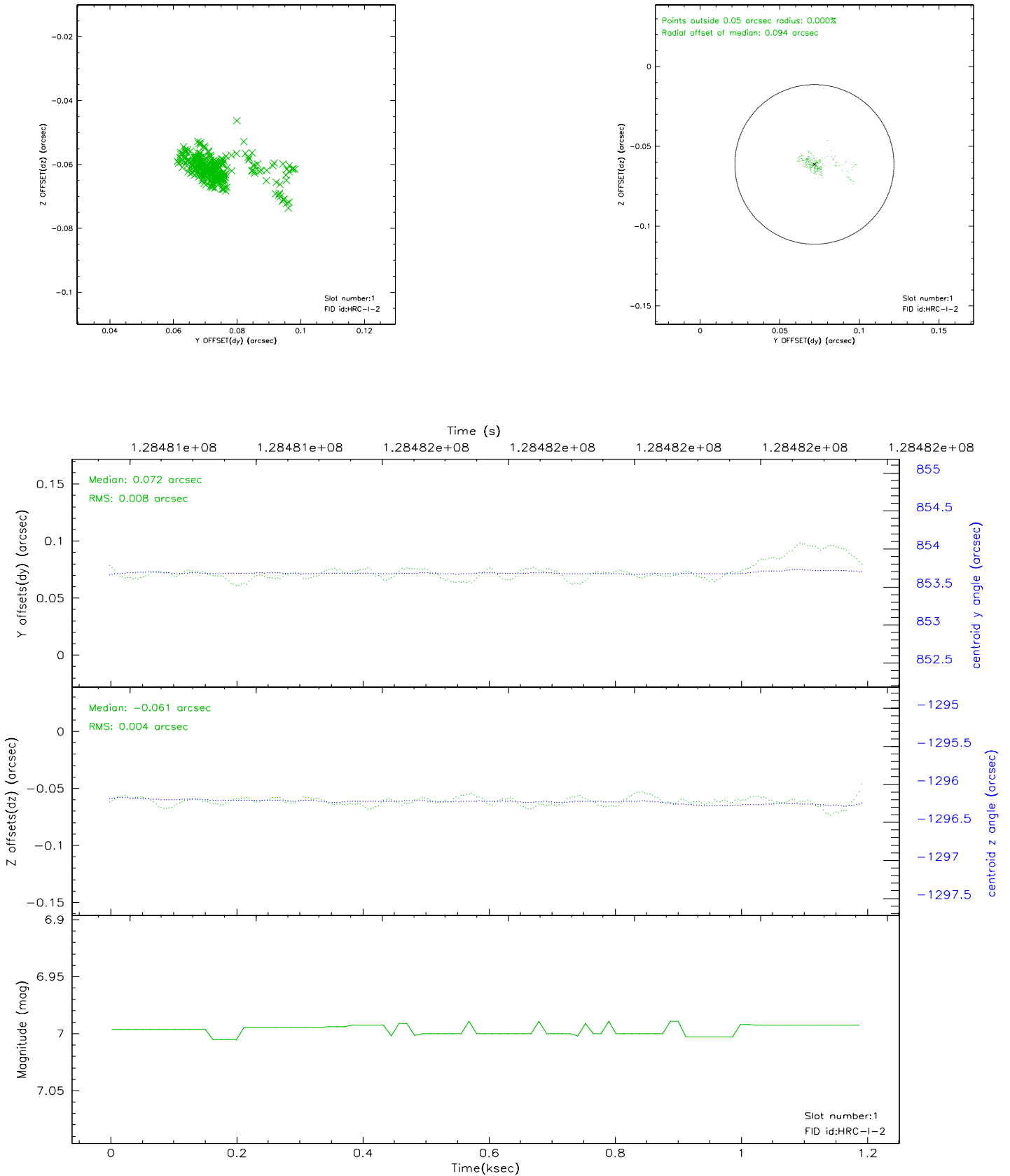


2.5 FID Slots

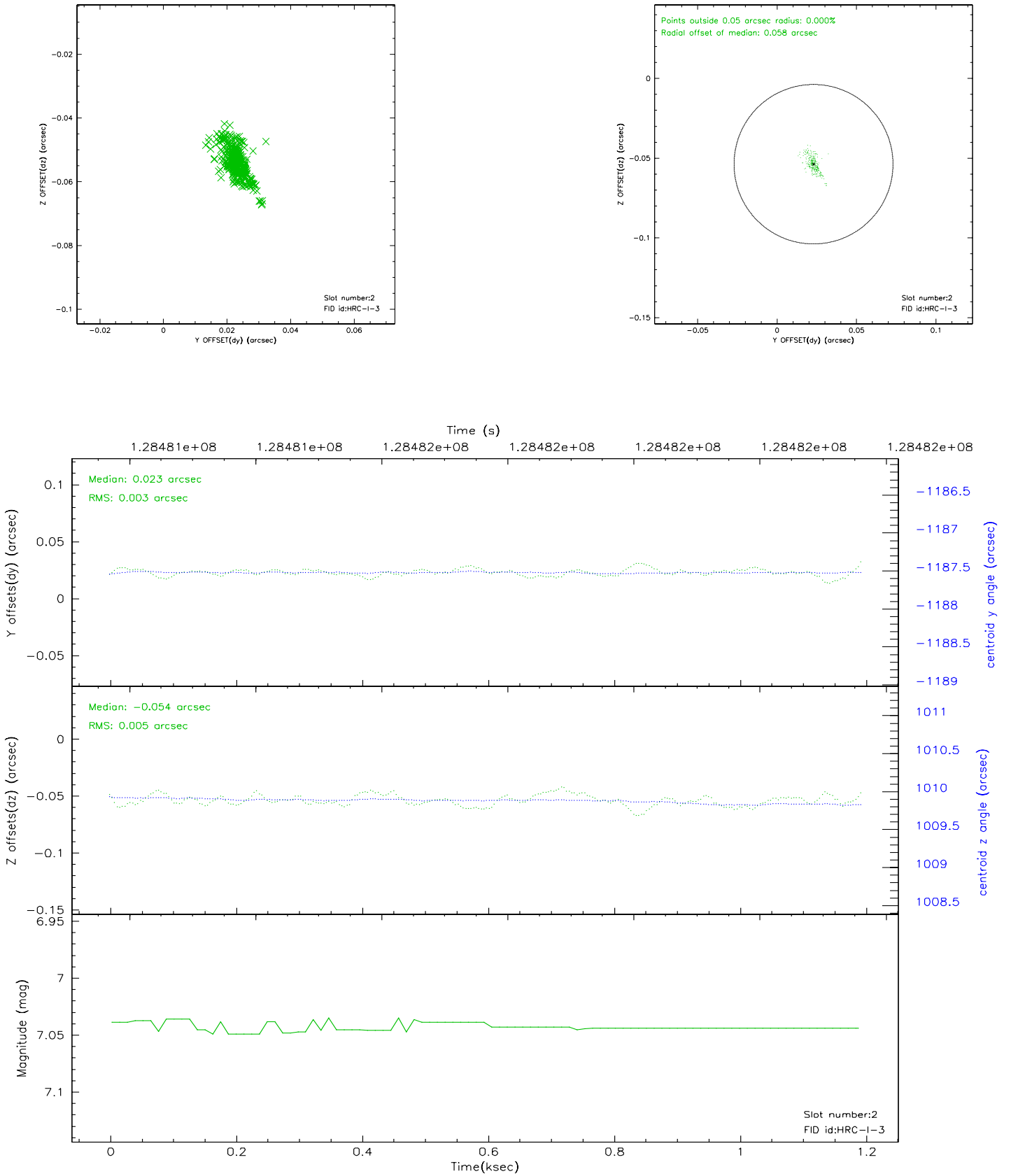
2.5.1 Slot 0



2.5.2 Slot 1

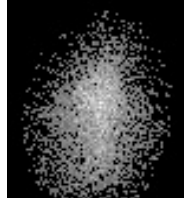


2.5.3 Slot 2



3 Point Sources

2.58 arcmin



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
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

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.