

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5067 - L2 Version 3
Chandra X-Ray Center

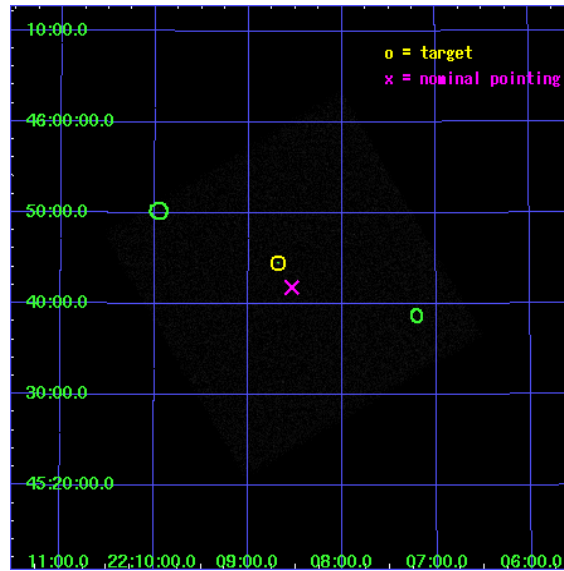
L2 Processing Date : Nov 23 2007

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1 Front

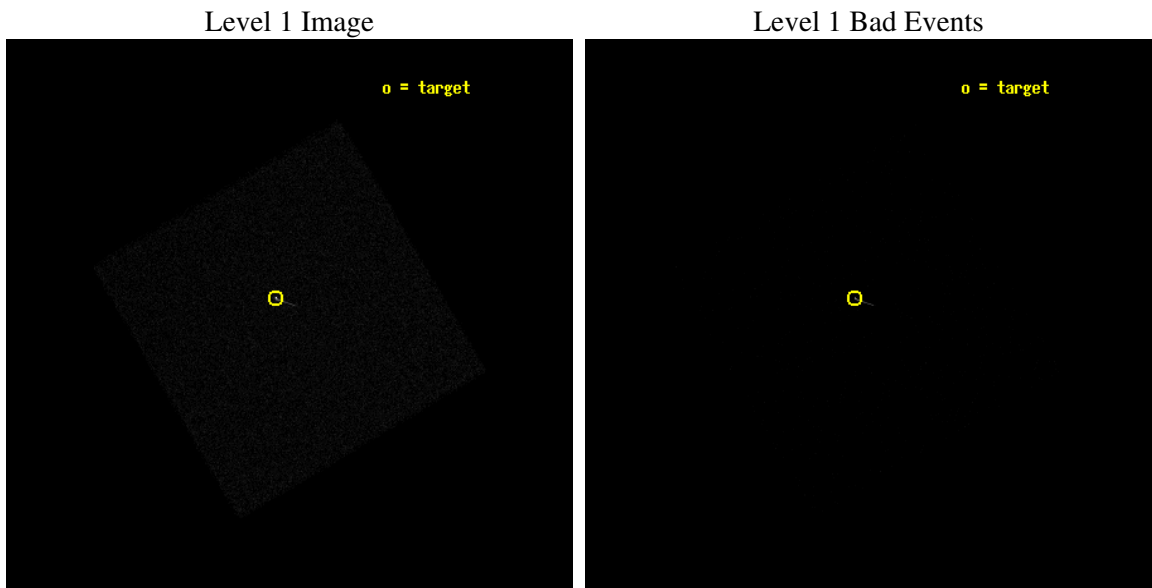
seq_num	290340
obs_id	5067
title	AO5 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain
observer	Dr. CXC Calibration
object	ArLac
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.13417883334
dec_nom	45.69737991357
roll_nom	284.51974375141
revision	3
ontime	1089.8312990069
livetime	1082.0001154838
l2events	43817



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	2007-11-24T01:47:06
revision	3

sched_exp_time	900.000000
ontime	1089.8312990069
l1events	81953

2.1.3 Events

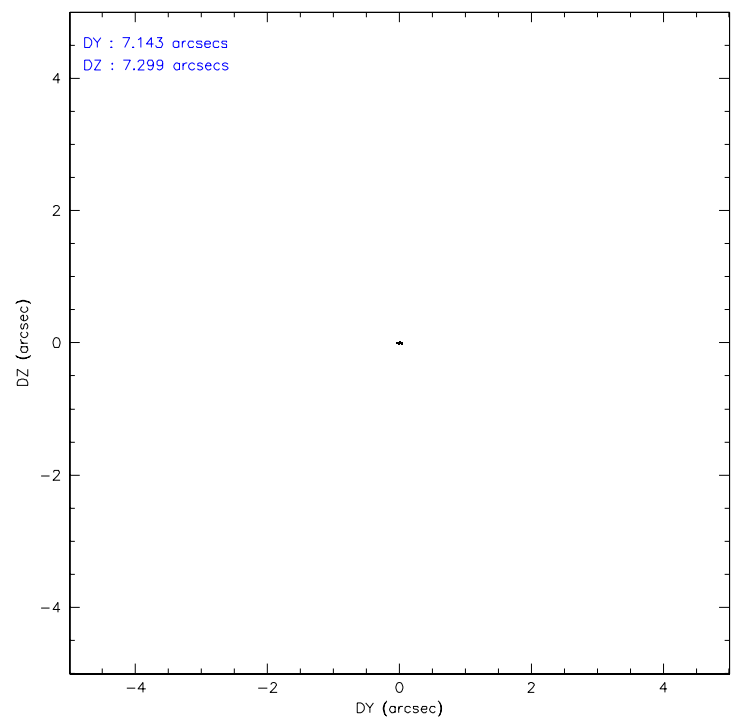
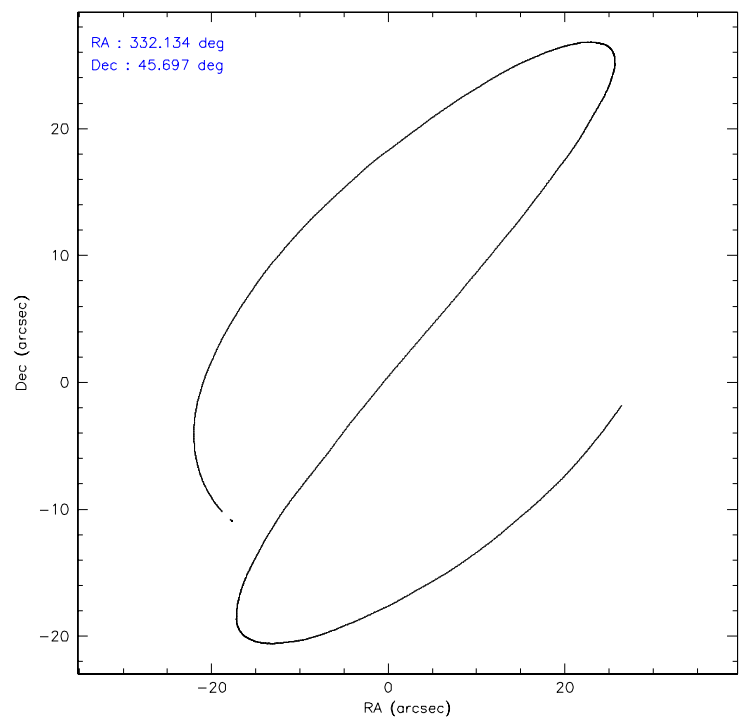
Level 1 Events

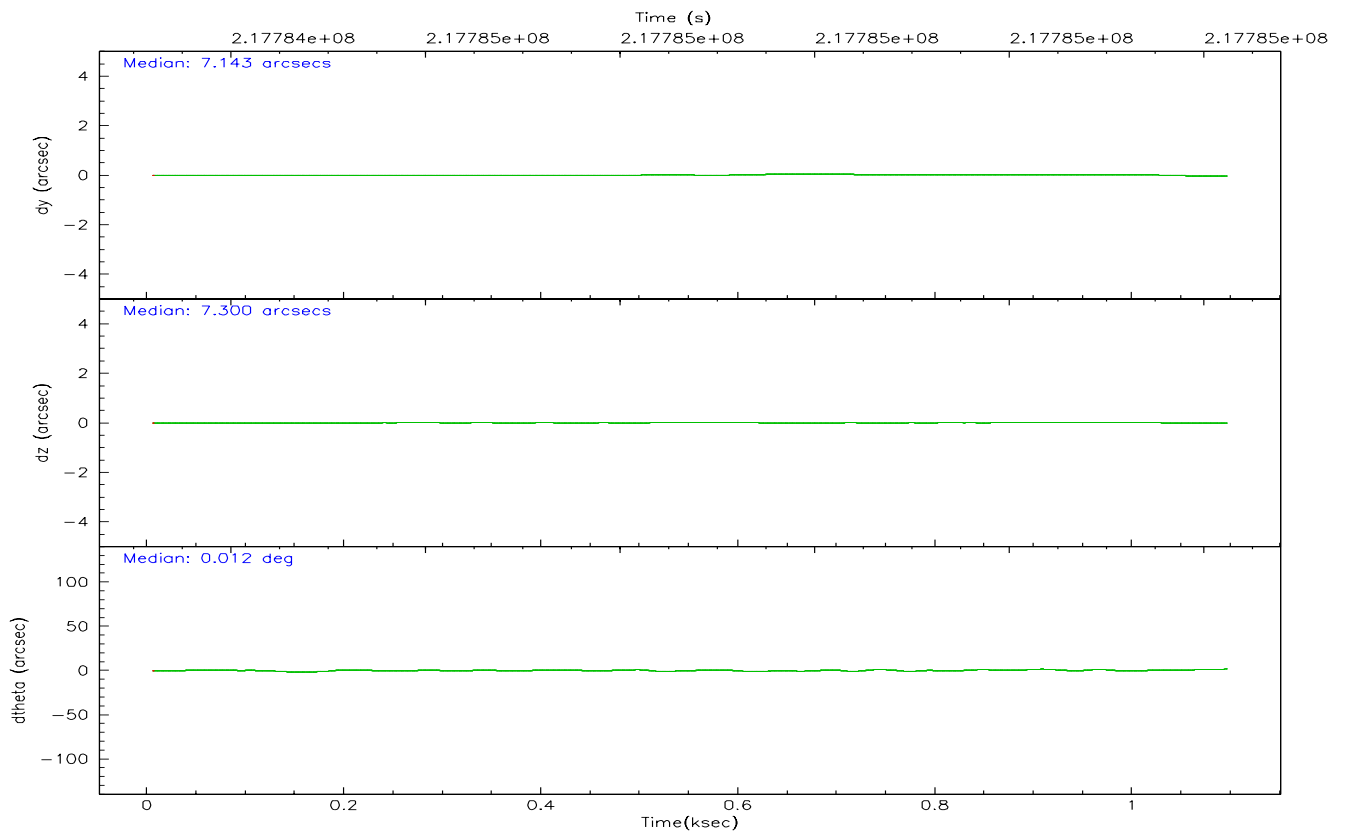
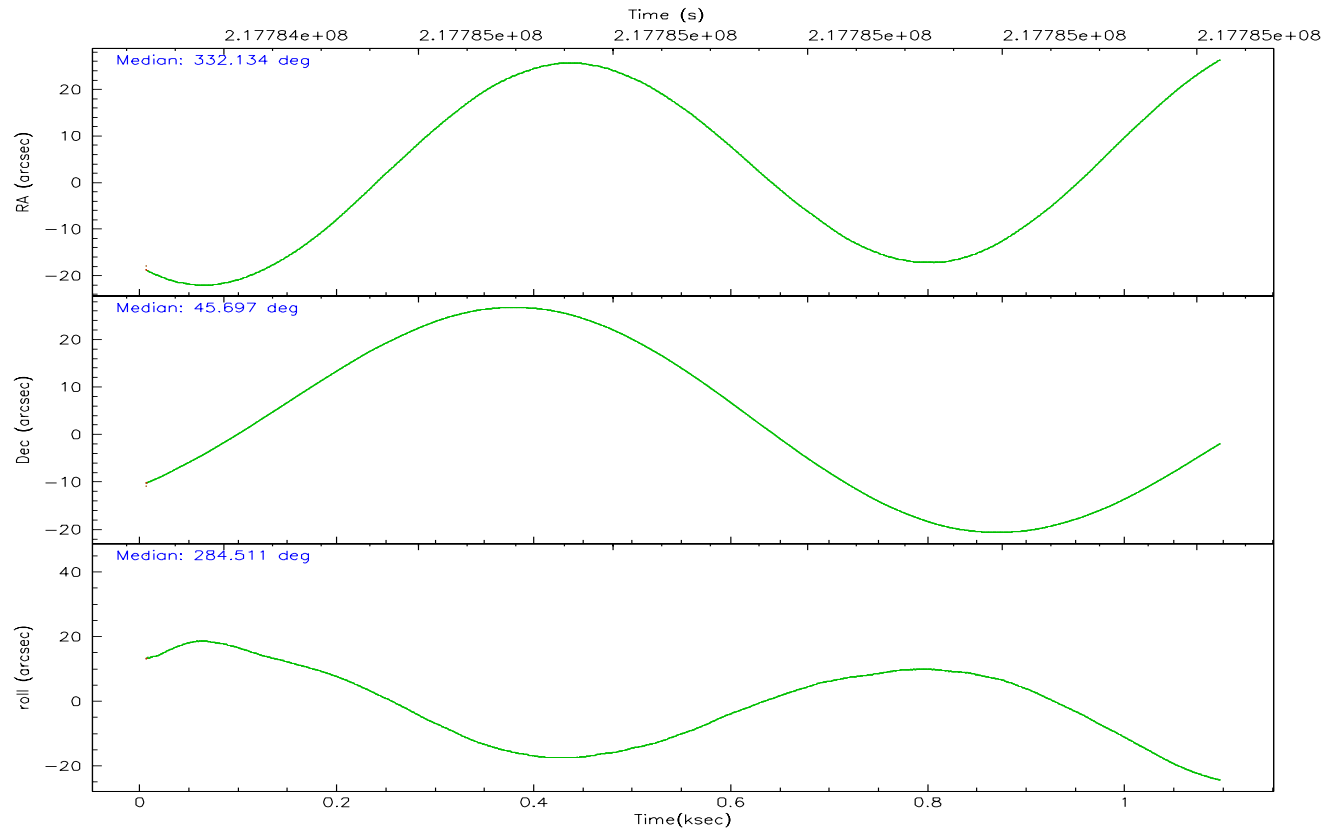
	segment 0
level 1 events	81953
rejected events	18586
rejected %	22%

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	332.107139	332.1341788333393			
Pointing Dec	45.716394	45.69737991357029			
Pointing Roll	284.634560	284.5197437514104			
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	217784517.184000	217784141.02065			
Observation start date	2004-11-25T15:40:53	2004-11-25T15:35:41			
Observation end time	217785417.184000	217785550.90821			
Observation end date	2004-11-25T15:55:53	2004-11-25T15:59:10			

2.3 Aspect



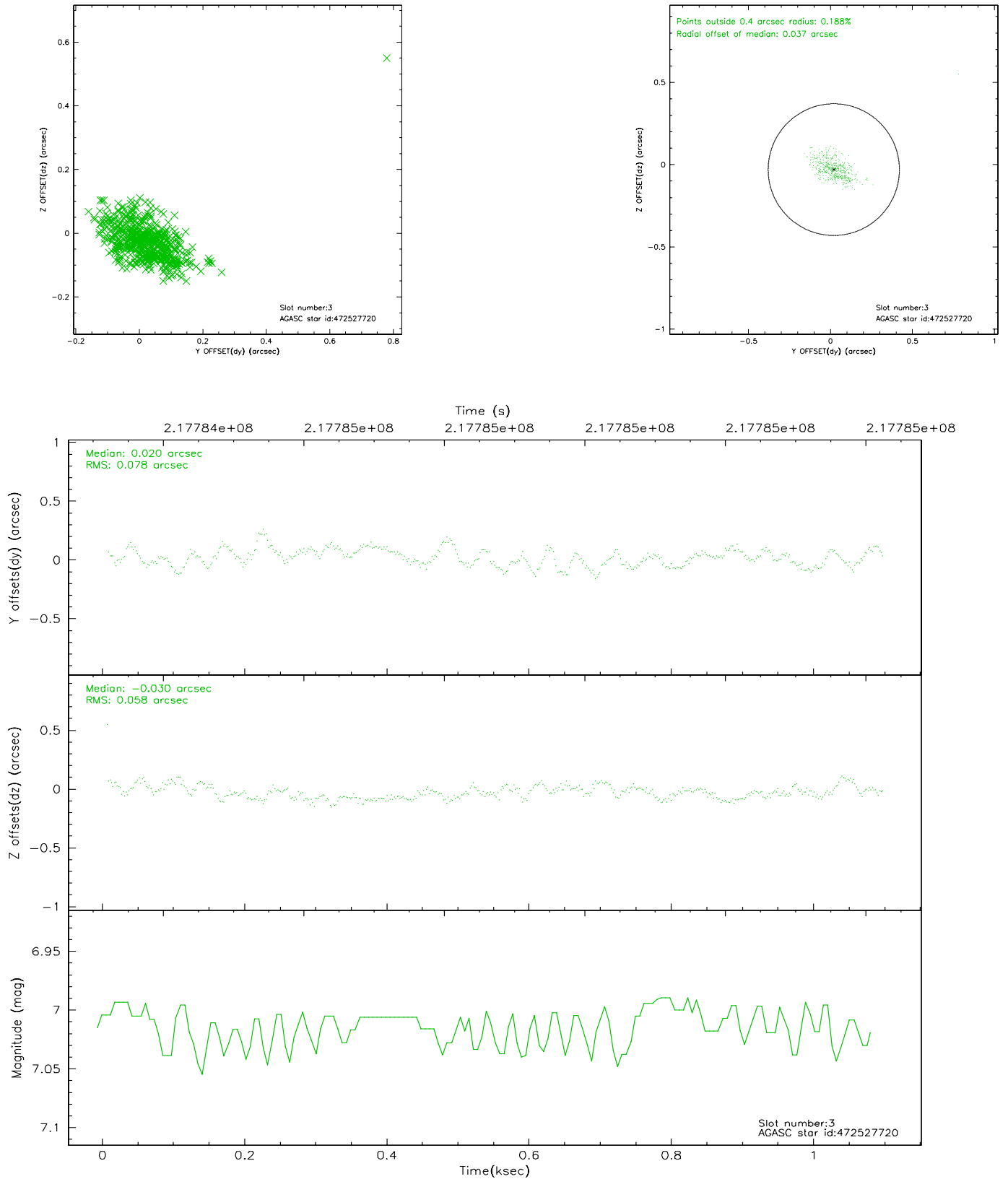


Slot Statistics

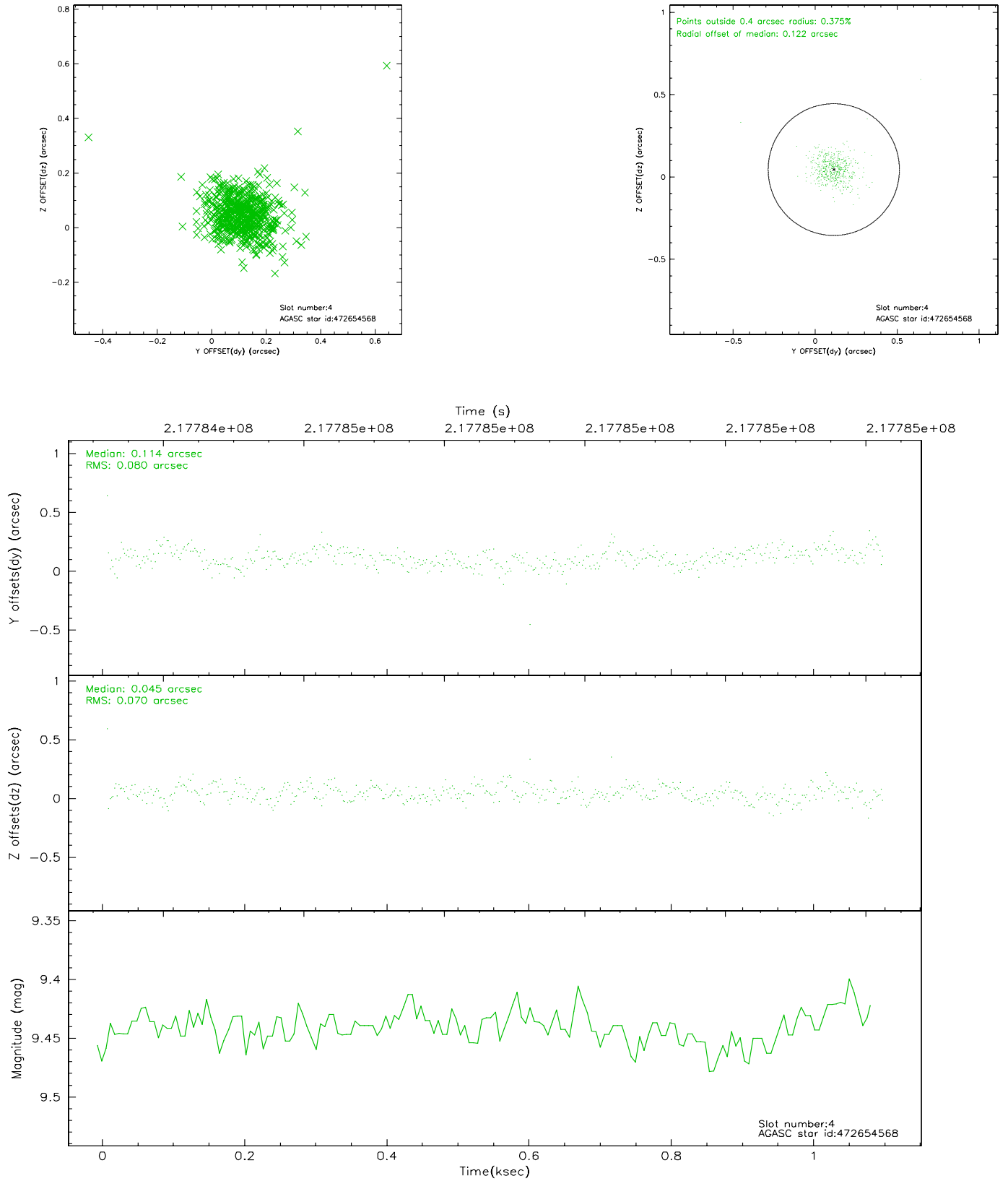
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.02	267	-0.021	-0.030	0.006	0.010	0.000000	0.000000	-762.84	-1295.19
1	FID	HRC-I-2	7.05	267	0.098	-0.056	0.007	0.013	0.000000	0.000000	847.05	-1301.73
2	FID	HRC-I-4	7.05	267	0.039	-0.007	0.005	0.011	0.000000	0.000000	1283.33	1002.01
3	GUIDE	472527720	7.02	533	0.020	-0.030	0.095	0.151	331.460205	45.112509	1682.56	-2135.56
4	GUIDE	472654568	9.44	533	0.114	0.045	0.102	0.172	332.194449	45.063576	2333.55	-380.42
5	GUIDE	472655152	9.43	532	-0.007	0.078	0.105	0.177	332.504239	45.862991	-256.93	1098.67
6	GUIDE	472659832	9.46	533	-0.058	0.040	0.108	0.201	332.780399	46.098139	-912.45	1979.24
7	GUIDE	472523760	8.23	531	-0.076	-0.135	0.079	0.128	331.645363	45.403260	791.37	-1407.45

2.4 Star Slots

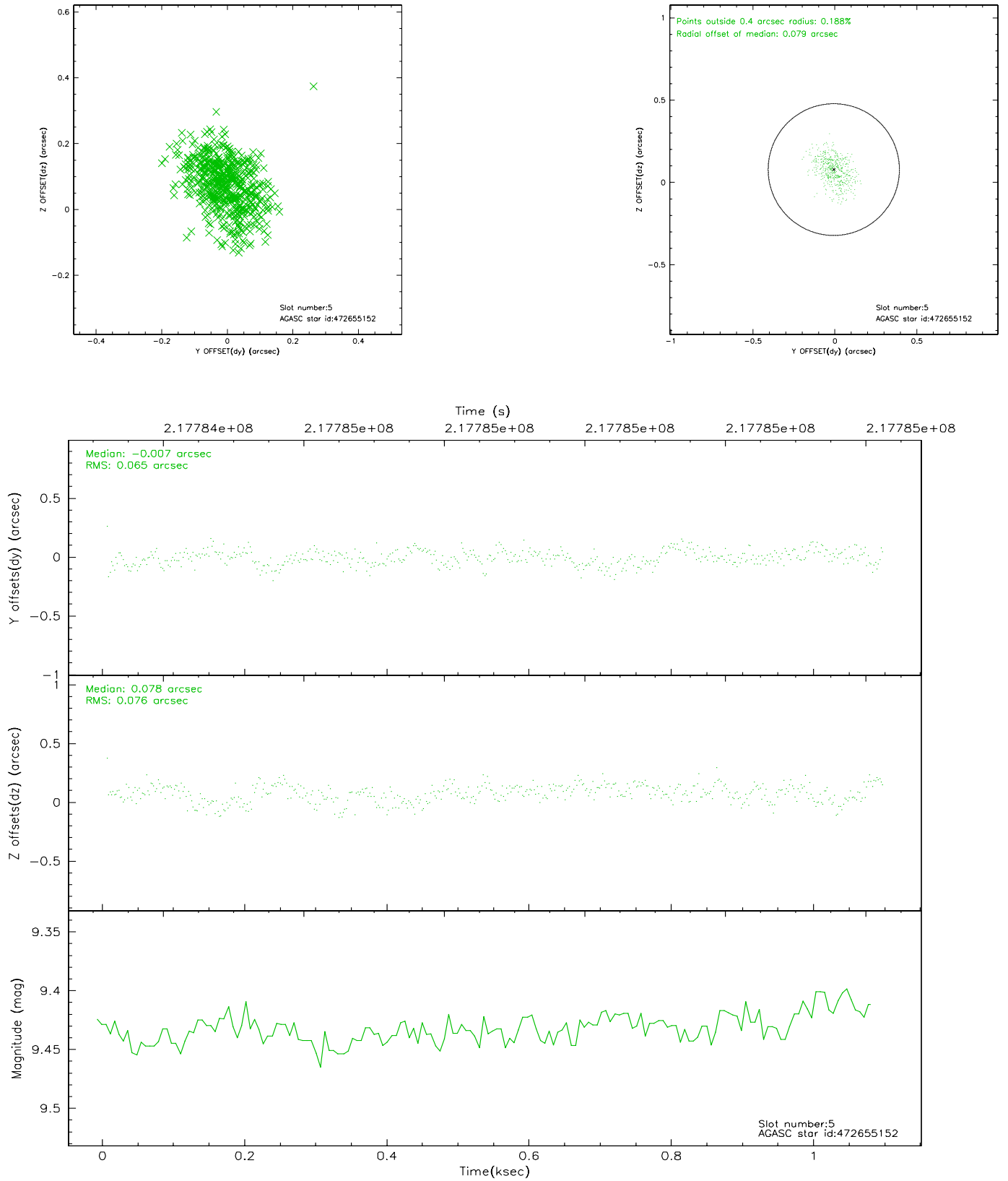
2.4.1 Slot 3



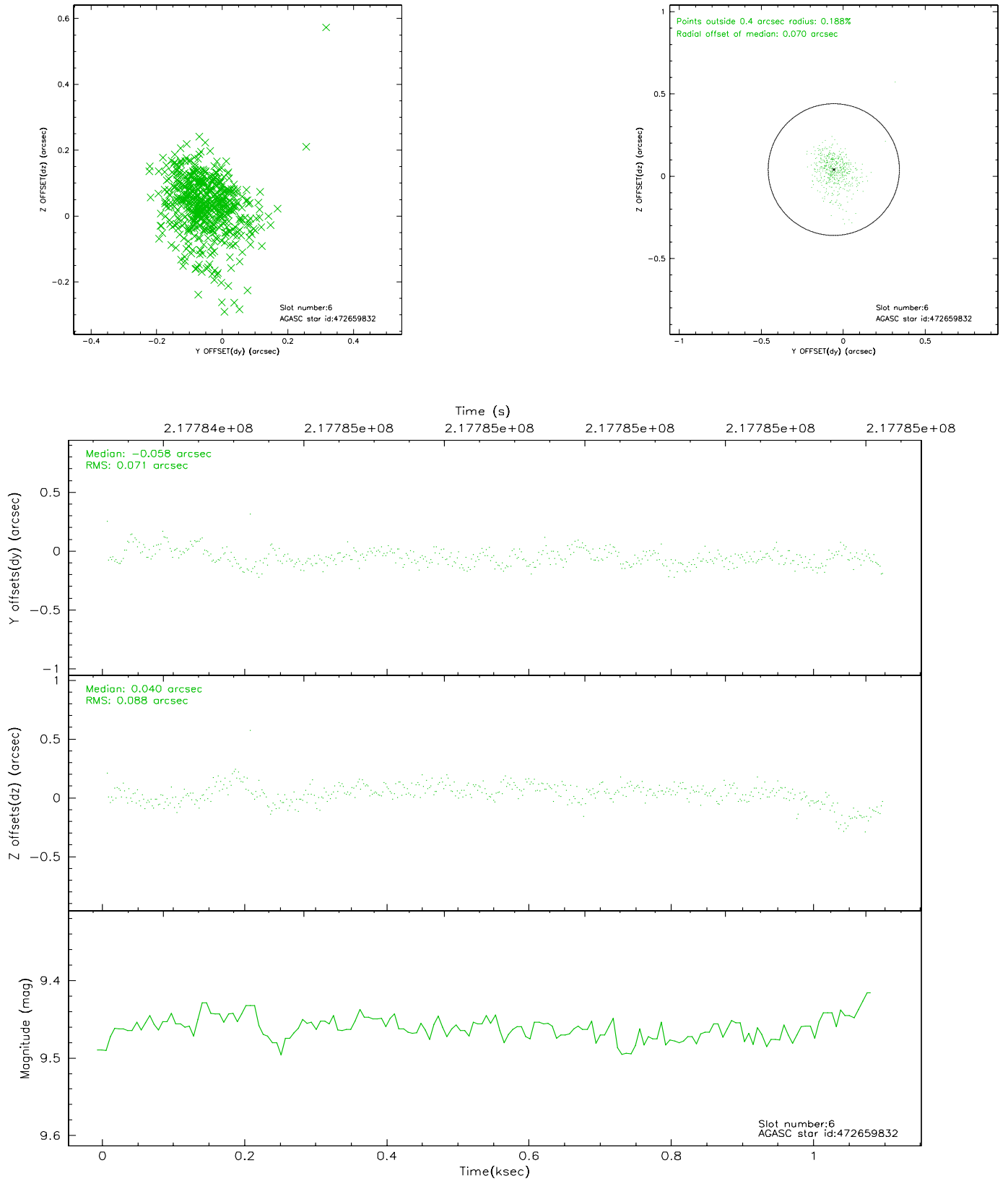
2.4.2 Slot 4



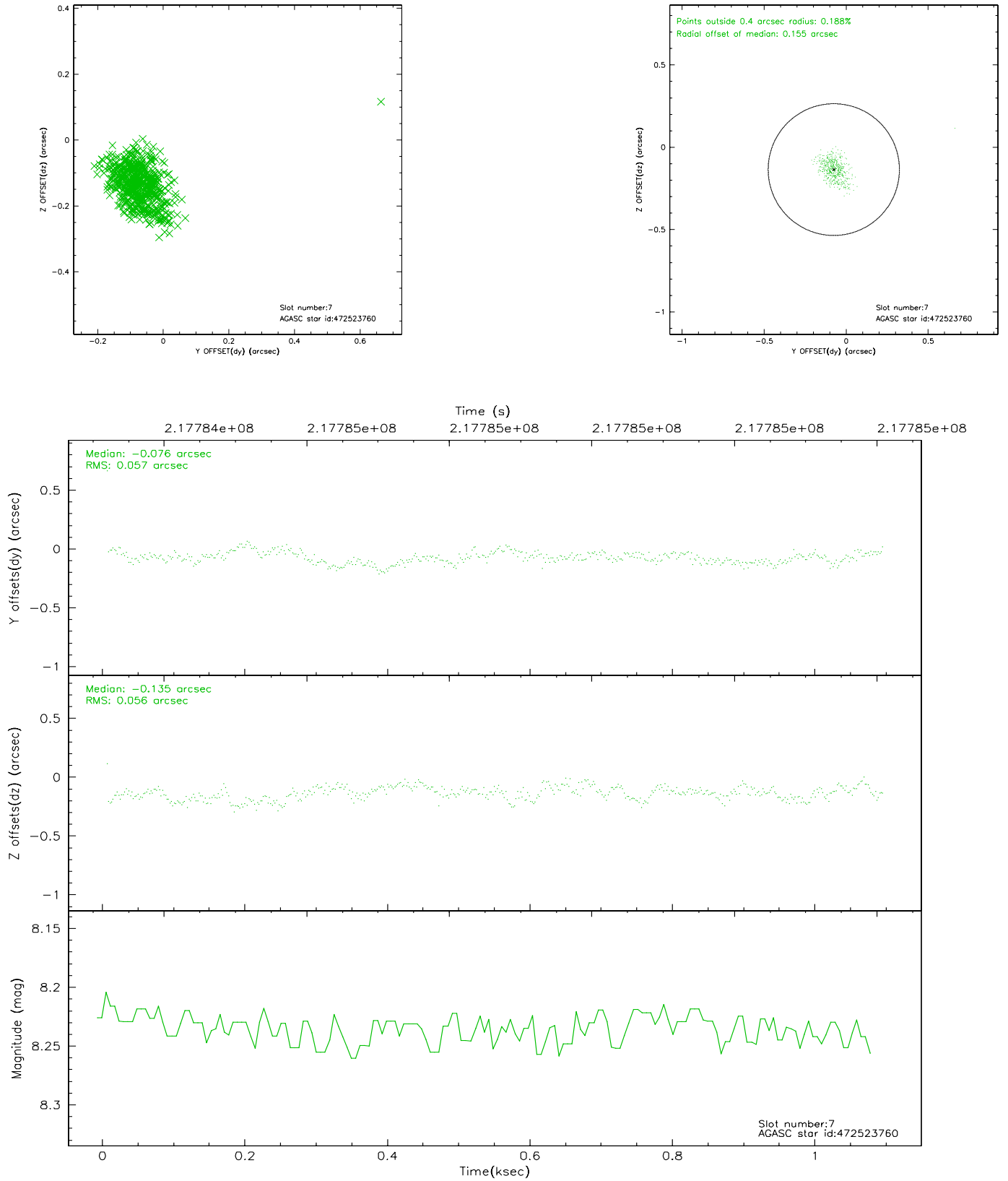
2.4.3 Slot 5



2.4.4 Slot 6

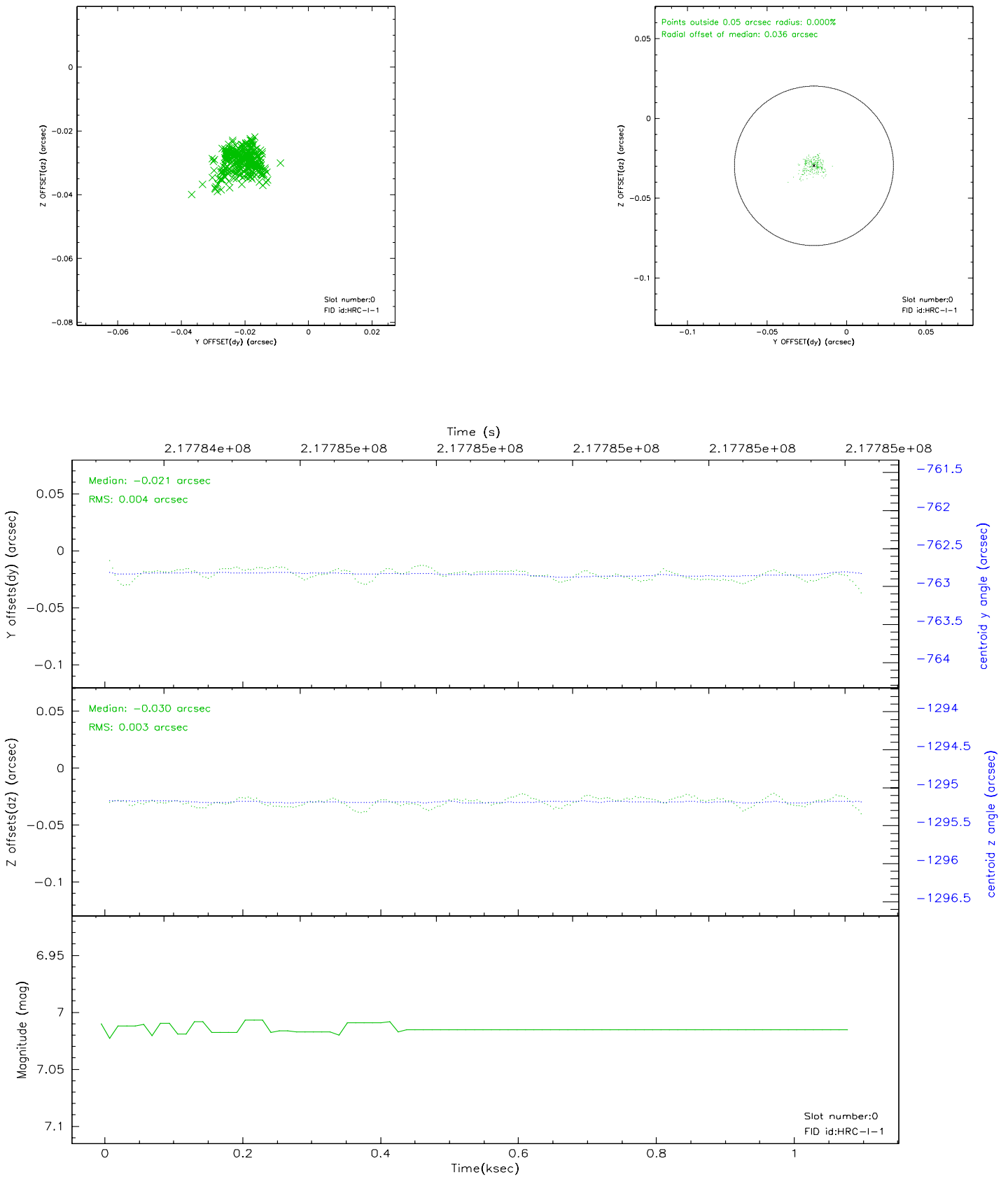


2.4.5 Slot 7

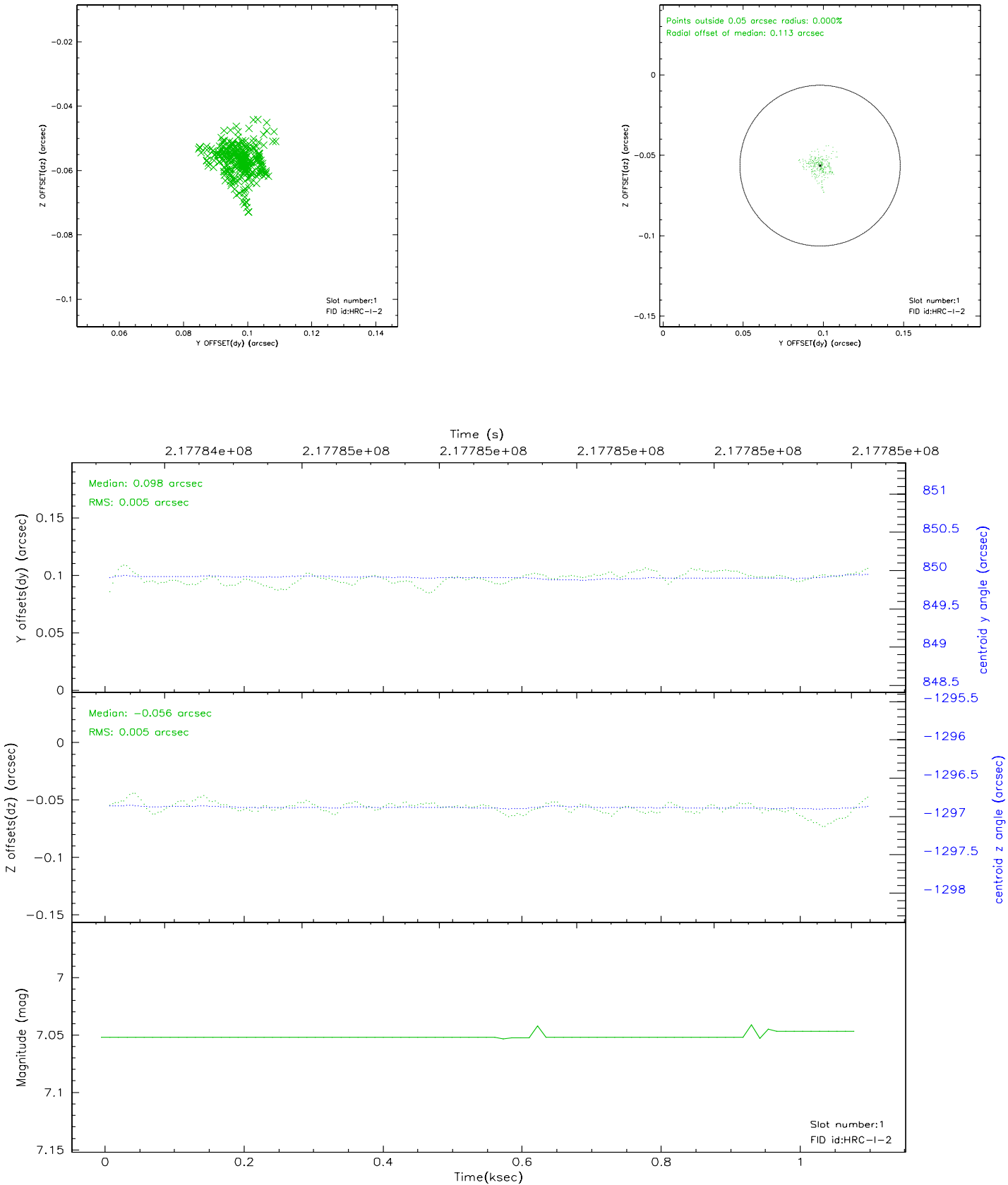


2.5 FID Slots

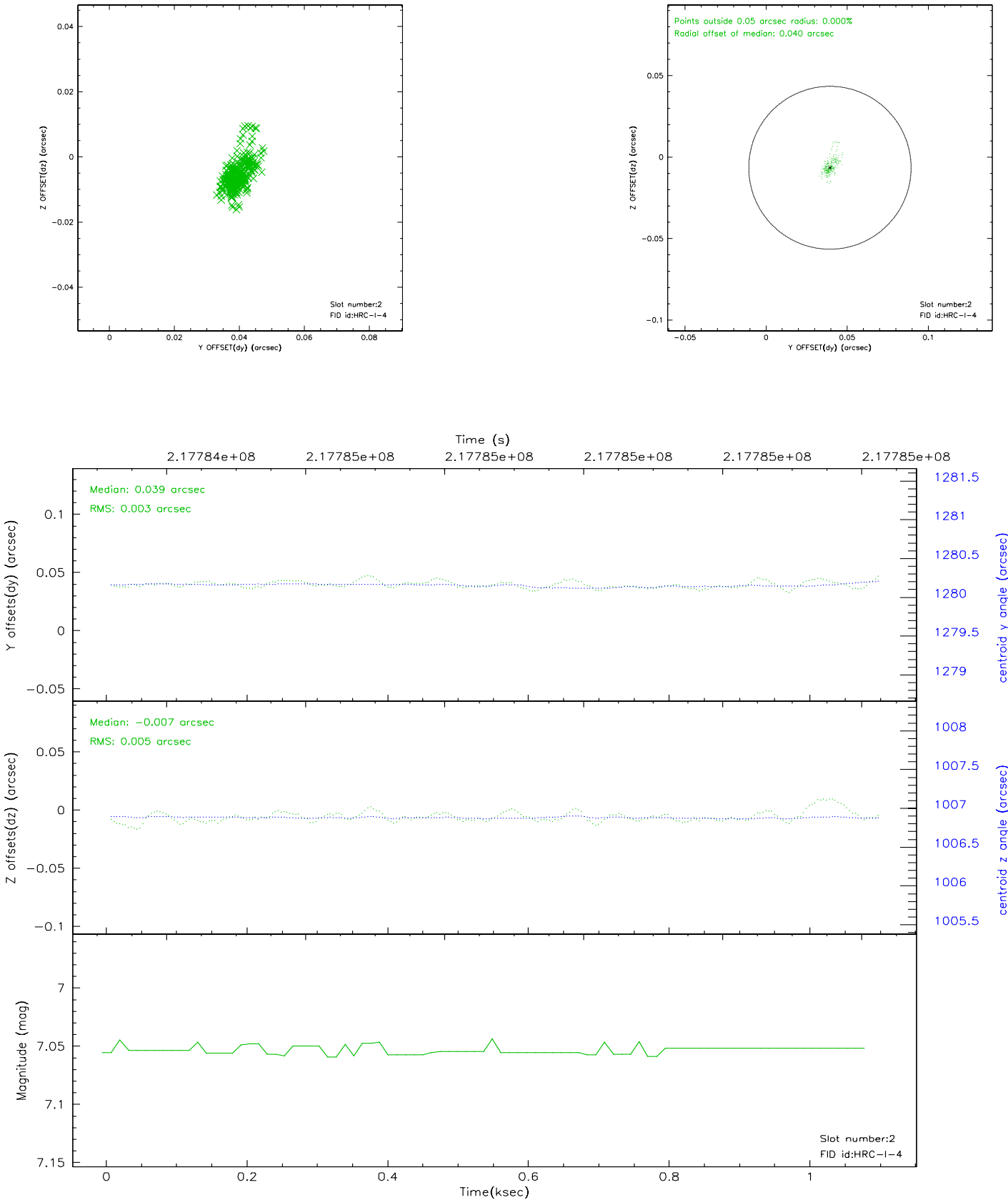
2.5.1 Slot 0



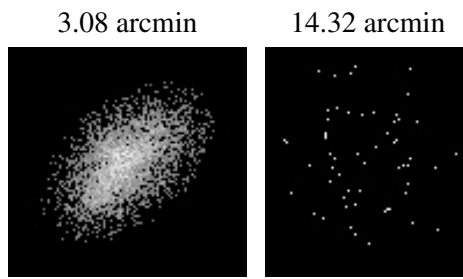
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.089831

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.