

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5999 - L2 Version 3
Chandra X-Ray Center

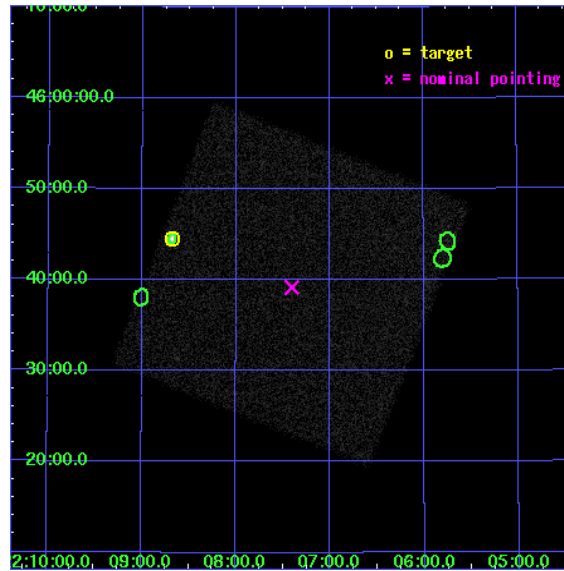
L2 Processing Date : Nov 24 2007

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1 Front

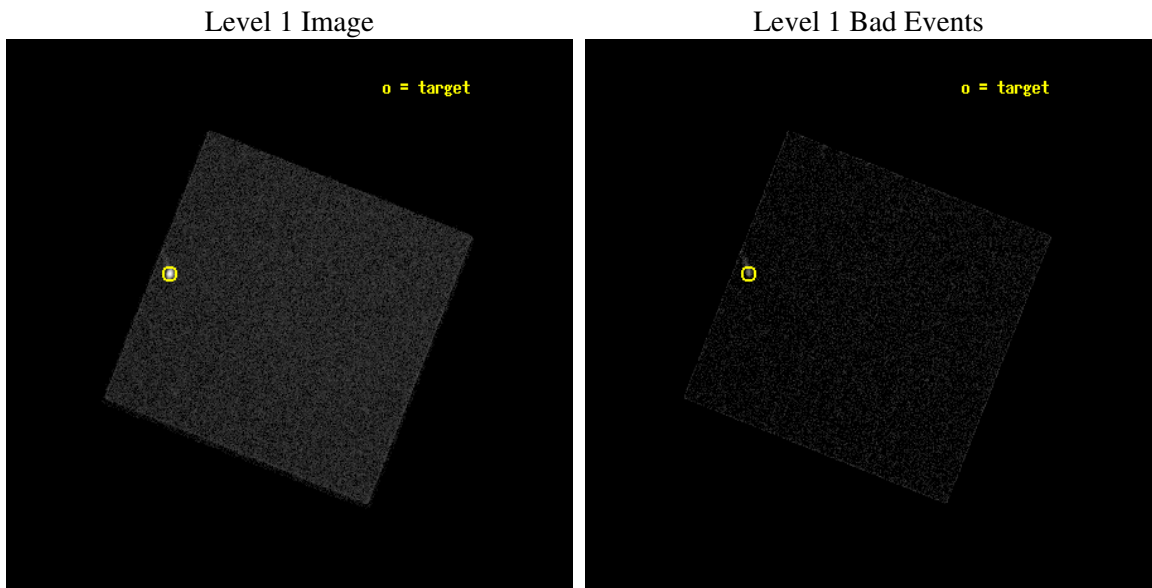
seq_num	290491
obs_id	5999
title	AO6 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain
observer	Dr. CXC Calibration
object	ArLac
ra_targ	332.17
dec_targ	45.742306
ra_nom	331.85115272685
dec_nom	45.653160653484
roll_nom	246.65307956787
revision	3
ontime	1173.6250540912
livetime	1164.3819672762
l2events	55888



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	2007-11-24T19:17:20
revision	3

sched_exp_time	1000.000000
ontime	1173.6250540912
l1events	160788

2.1.3 Events

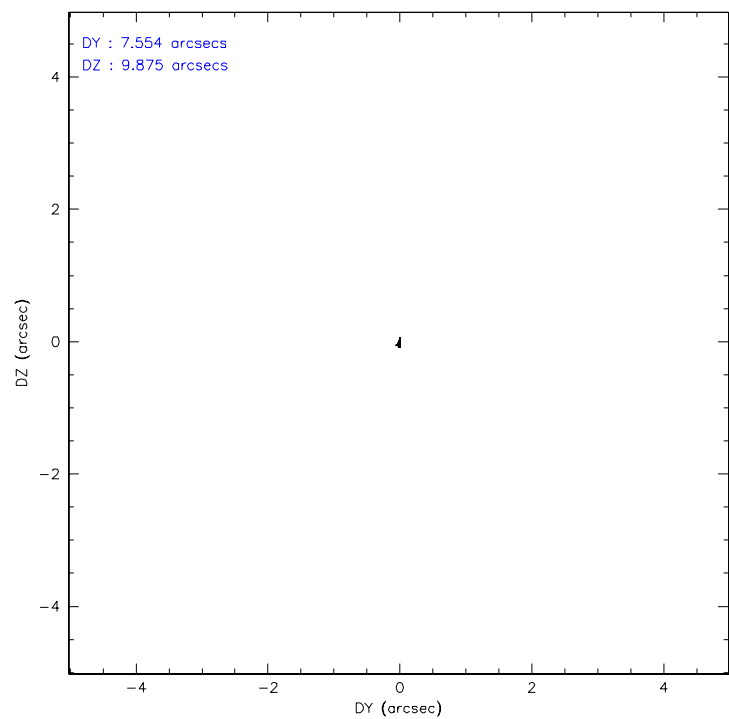
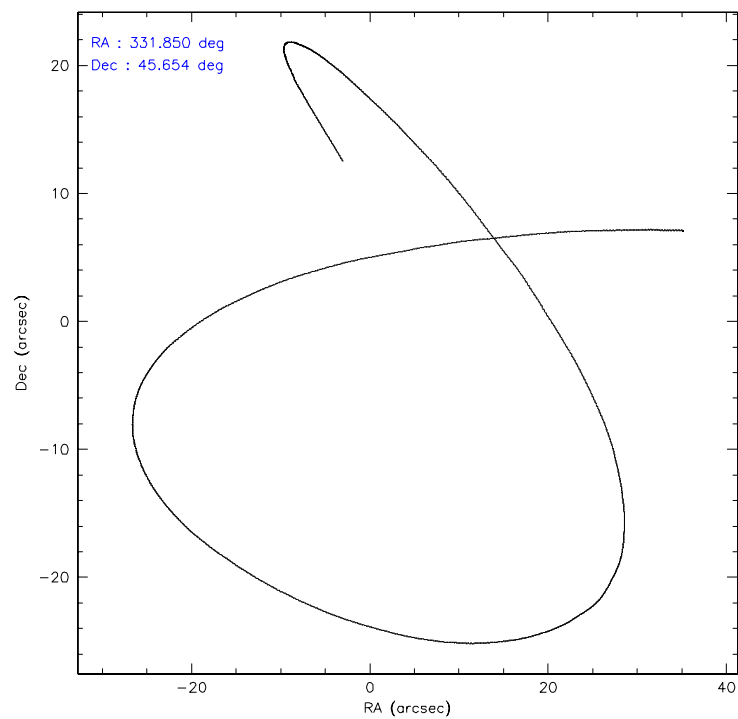
Level 1 Events

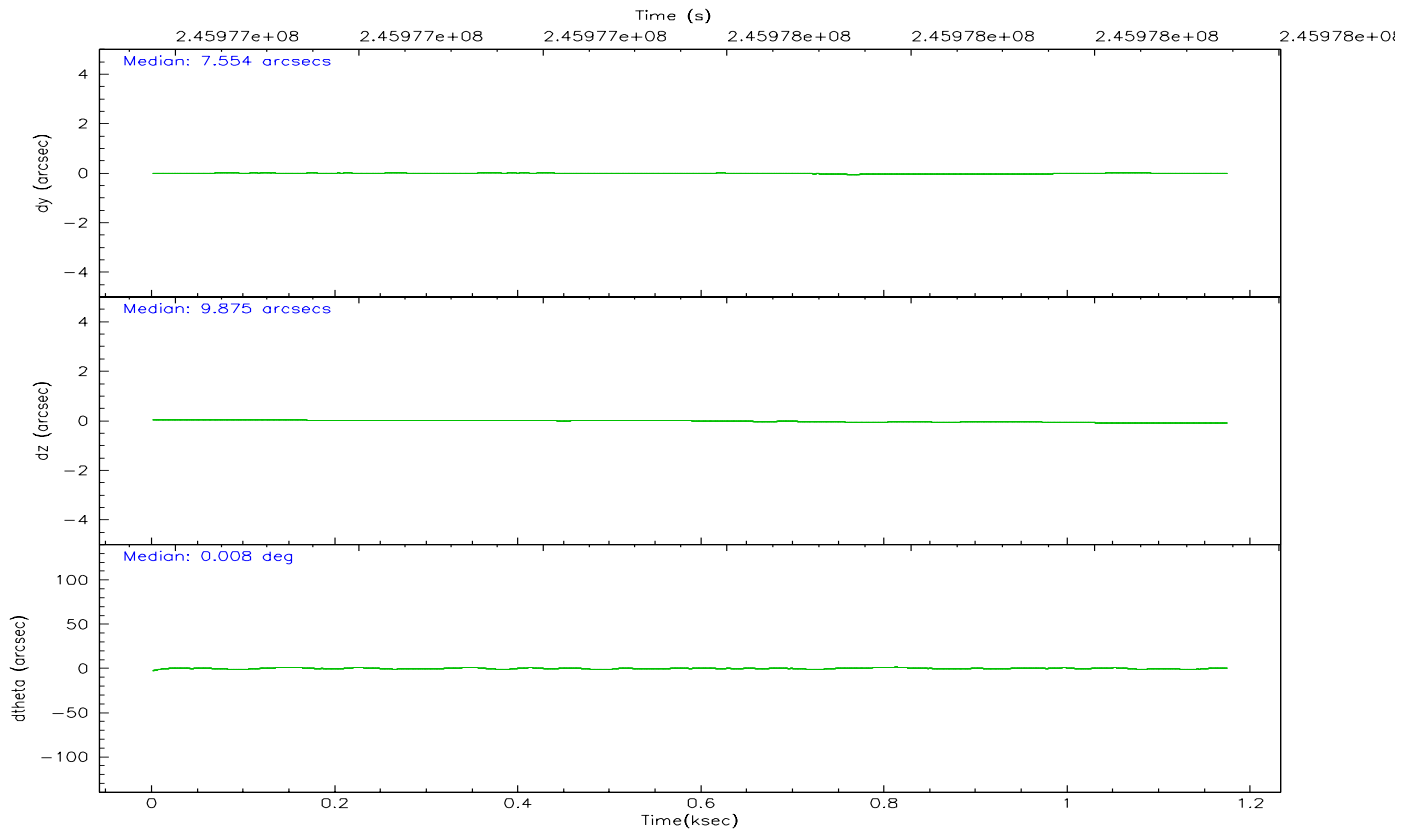
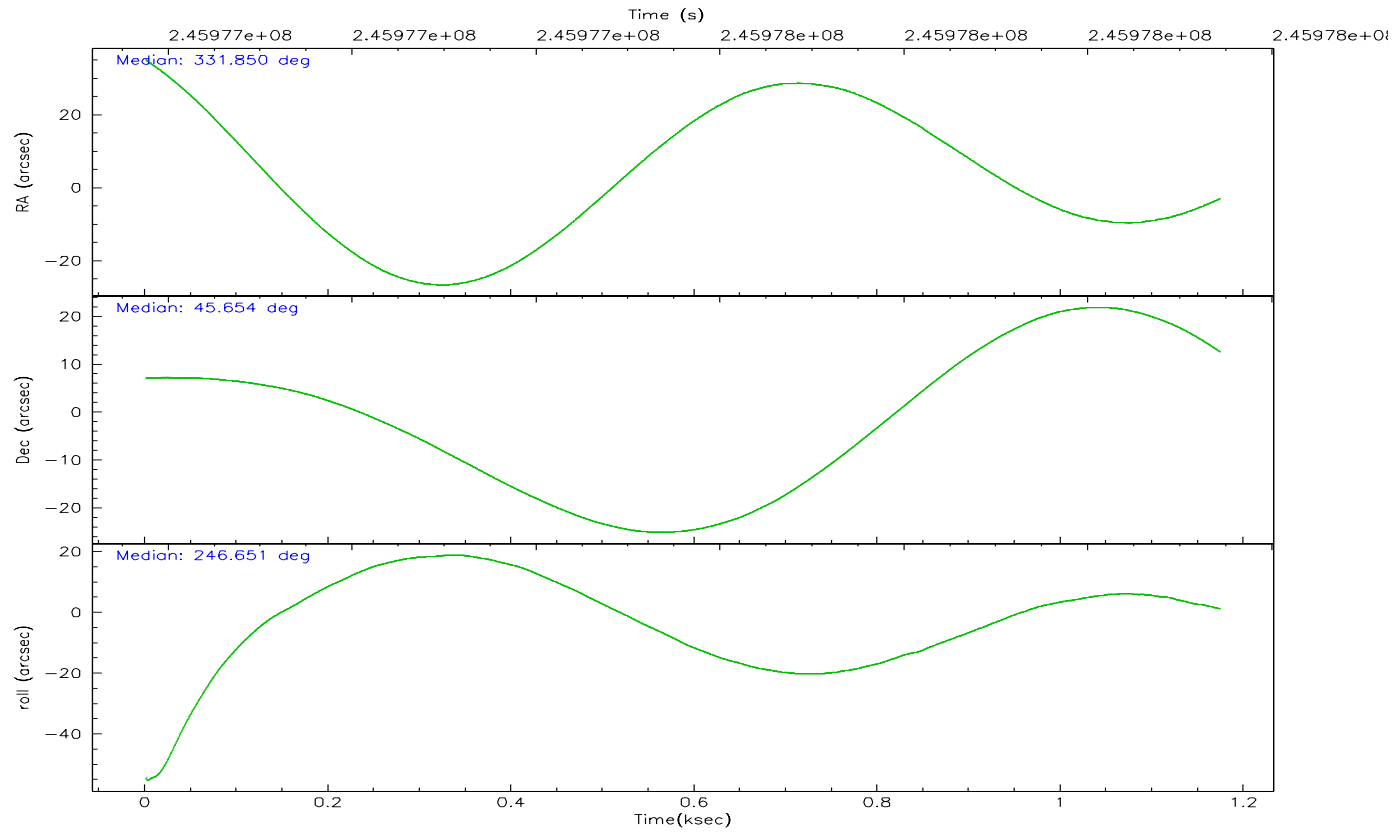
	segment 0
level 1 events	160788
rejected events	81772
rejected %	50%

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	331.846619	331.8511527268505			
Pointing Dec	45.679359	45.6531606534841			
Pointing Roll	246.751895	246.6530795678688			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9829799899862			
SIM translation stage offset (mm)	0	0.002508901615314585			
Observation start time	245977151.184000	245976776.01642			
Observation start date	2005-10-17T22:58:07	2005-10-17T22:52:56			
Observation end time	245978151.184000	245979324.16654			
Observation end date	2005-10-17T23:14:47	2005-10-17T23:35:24			

2.3 Aspect



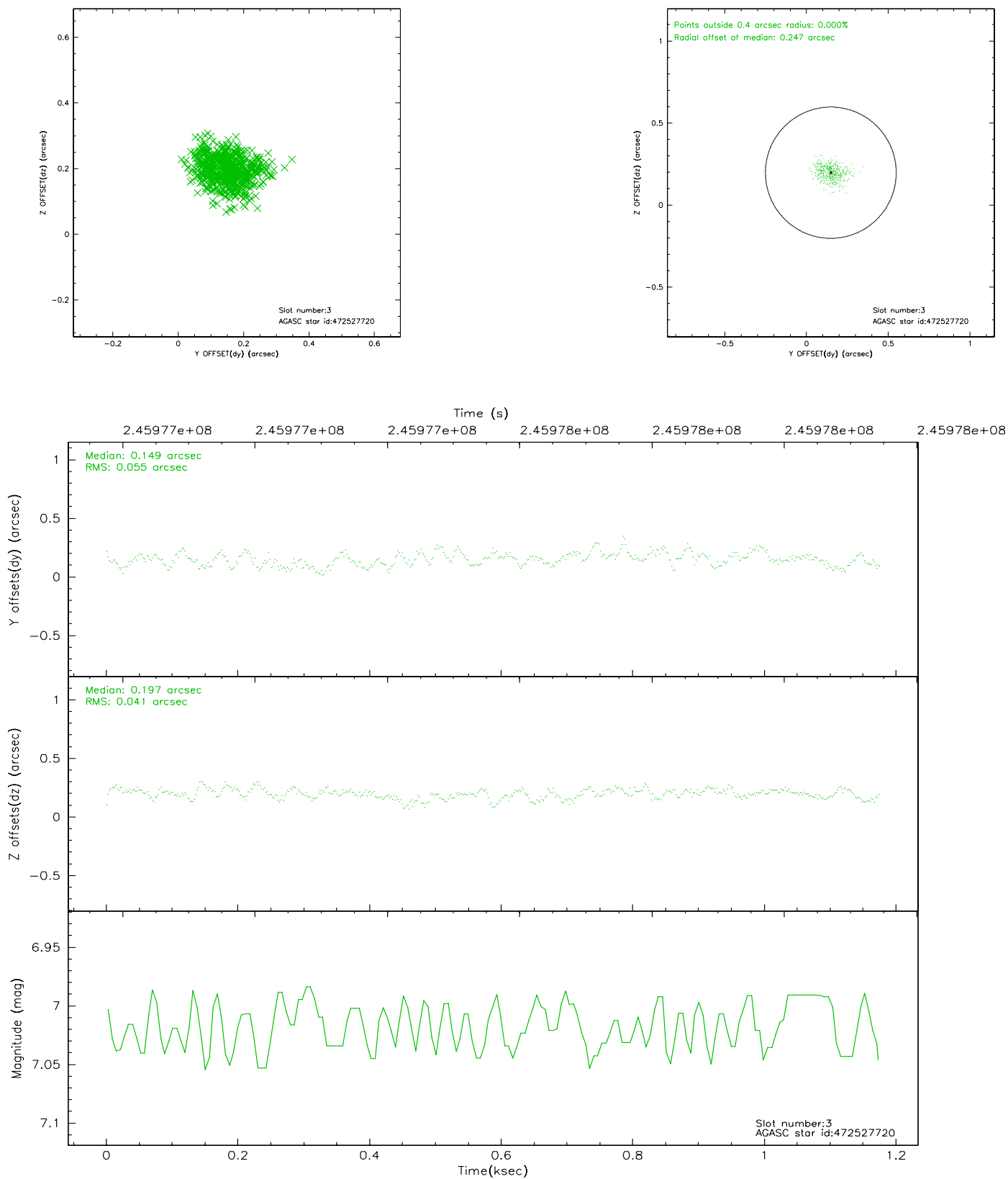


Slot Statistics

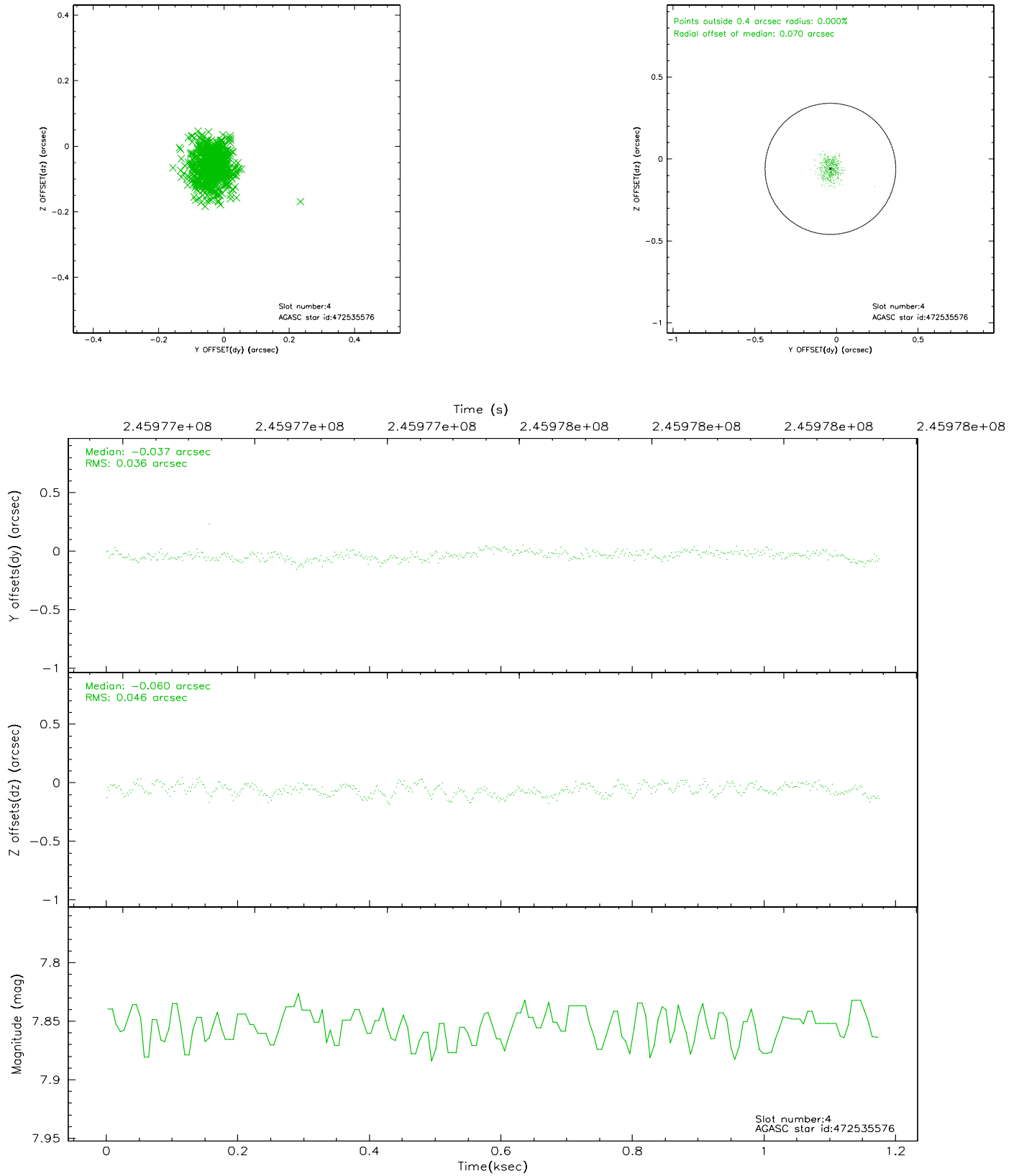
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.02	287	-0.034	0.027	0.008	0.012	0.000000	0.000000	-763.16	-1297.77
1	FID	HRC-I-2	7.05	287	0.141	-0.076	0.006	0.010	0.000000	0.000000	846.98	-1303.95
2	FID	HRC-I-3	7.11	287	0.010	-0.041	0.007	0.011	0.000000	0.000000	-1188.68	1002.18
3	GUIDE	472527720	7.02	574	0.149	0.197	0.074	0.119	331.460205	45.112509	2261.95	-94.04
4	GUIDE	472535576	7.85	574	-0.037	-0.060	0.062	0.099	331.438373	46.291802	-1621.85	-1801.62
5	GUIDE	472536328	8.11	574	-0.065	-0.042	0.061	0.102	331.496671	46.454831	-2225.54	-1900.42
6	GUIDE	472655152	9.43	574	0.142	-0.016	0.095	0.159	332.504239	45.862991	-1266.64	1250.93
7	GUIDE	472537064	8.93	573	-0.196	-0.067	0.081	0.135	331.323423	46.483499	-2152.73	-2330.96

2.4 Star Slots

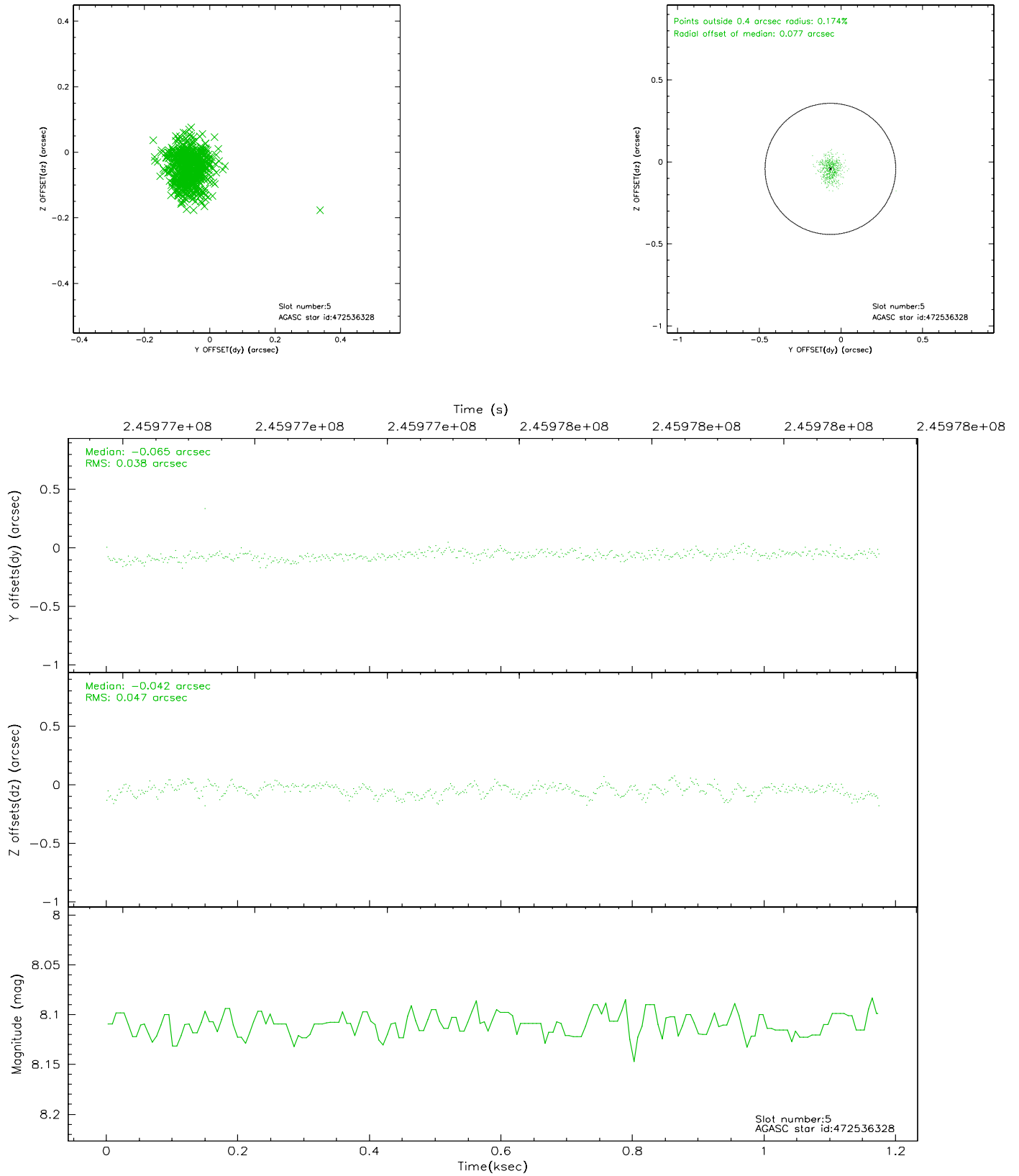
2.4.1 Slot 3



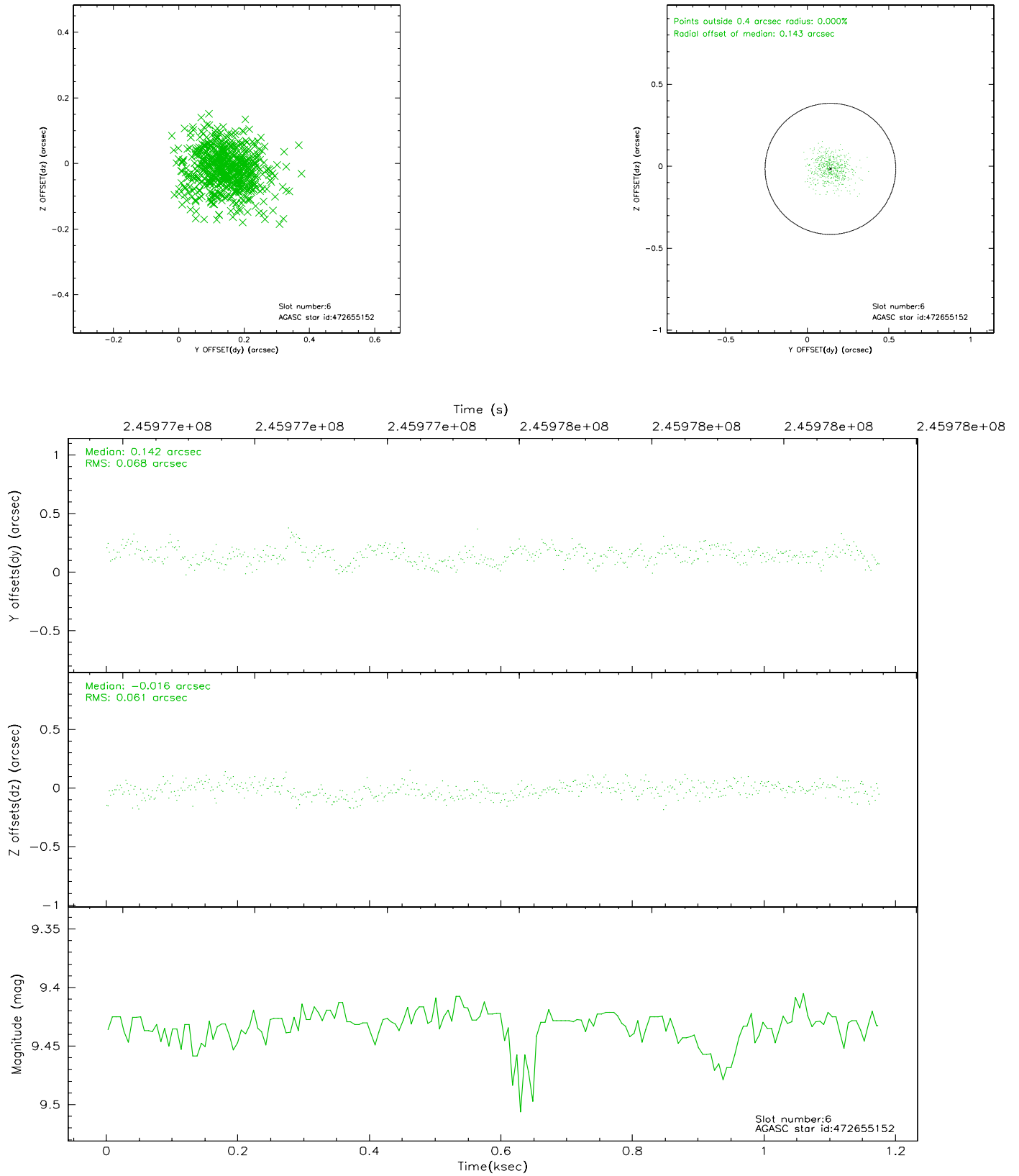
2.4.2 Slot 4



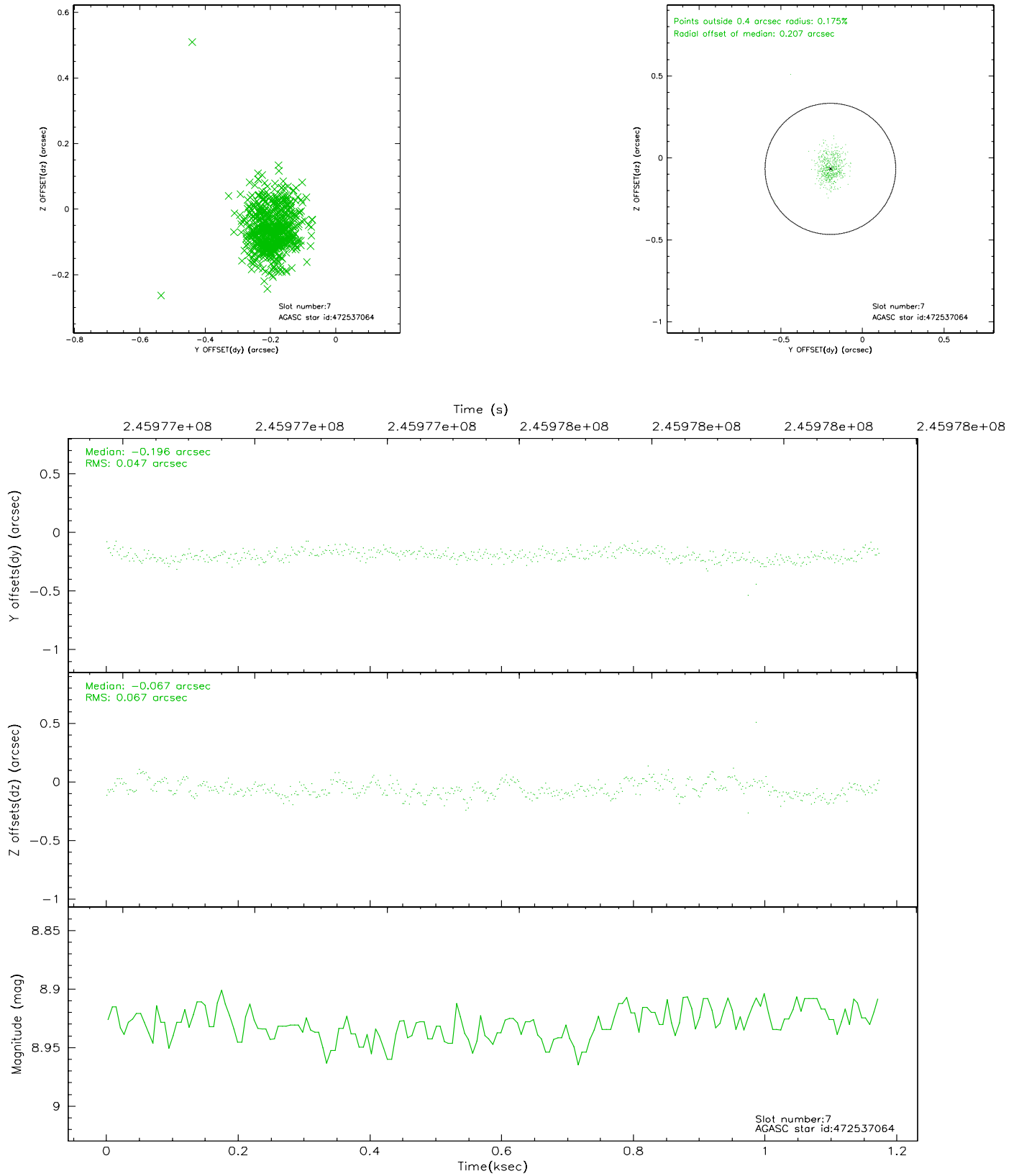
2.4.3 Slot 5



2.4.4 Slot 6

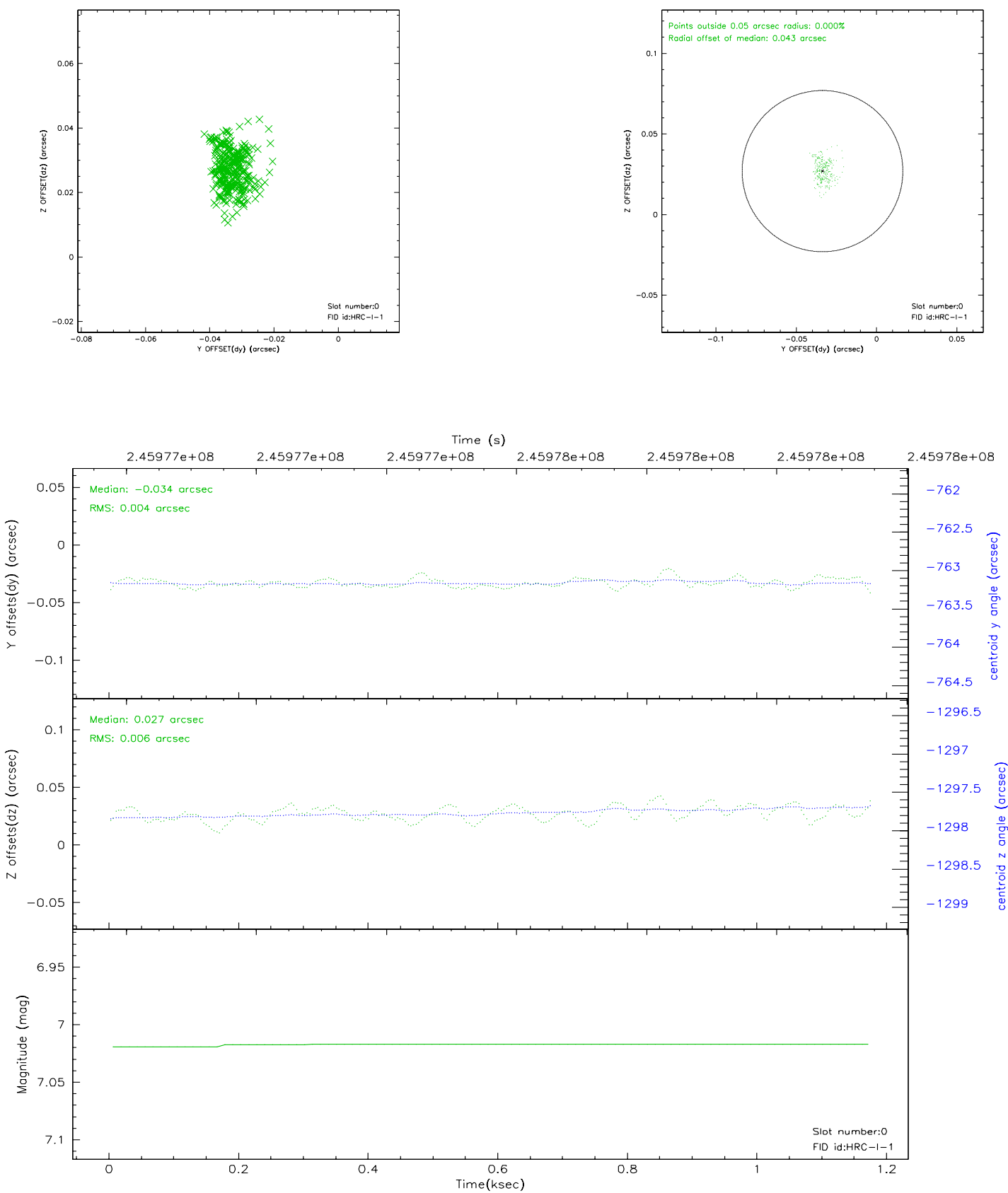


2.4.5 Slot 7

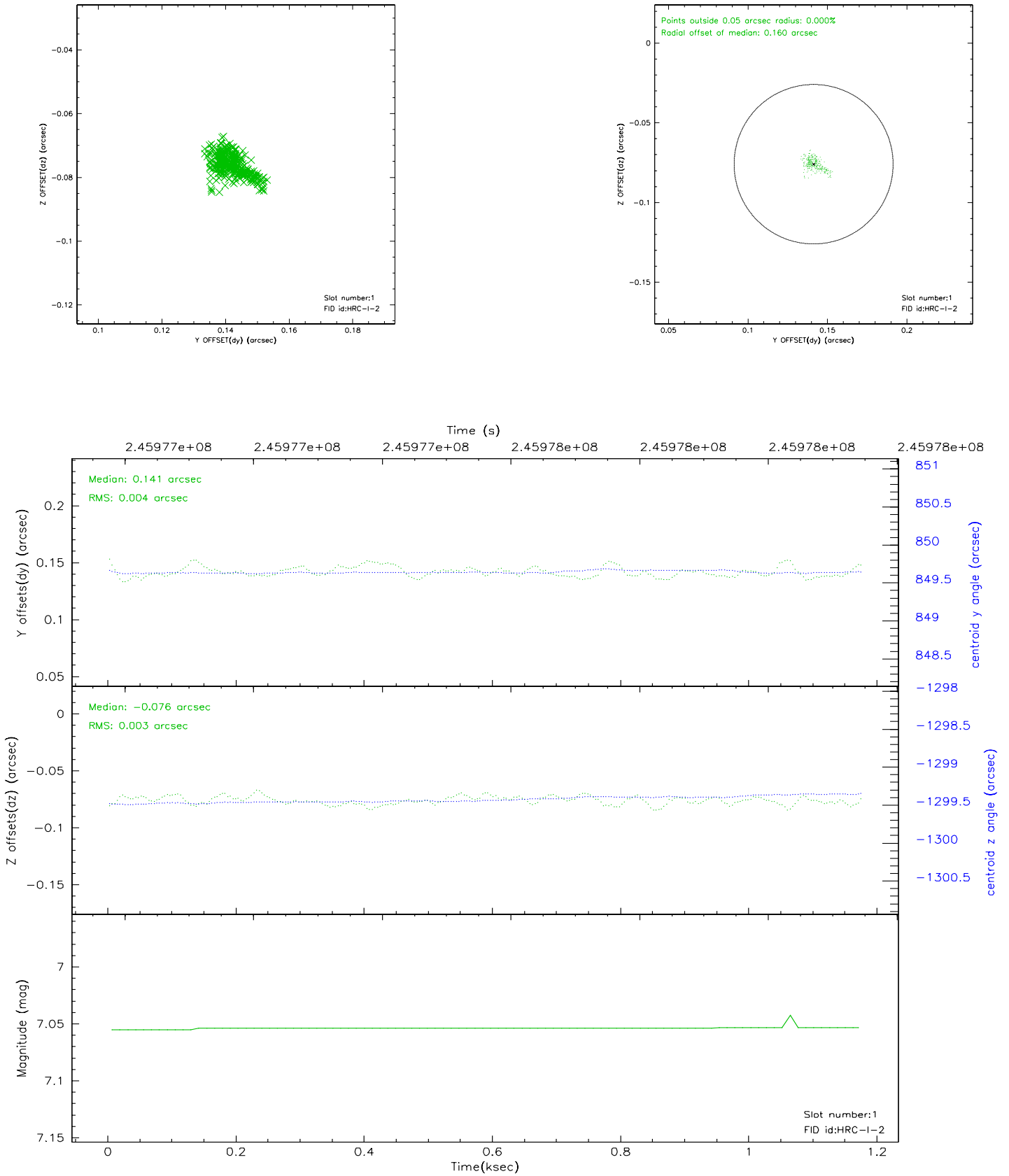


2.5 FID Slots

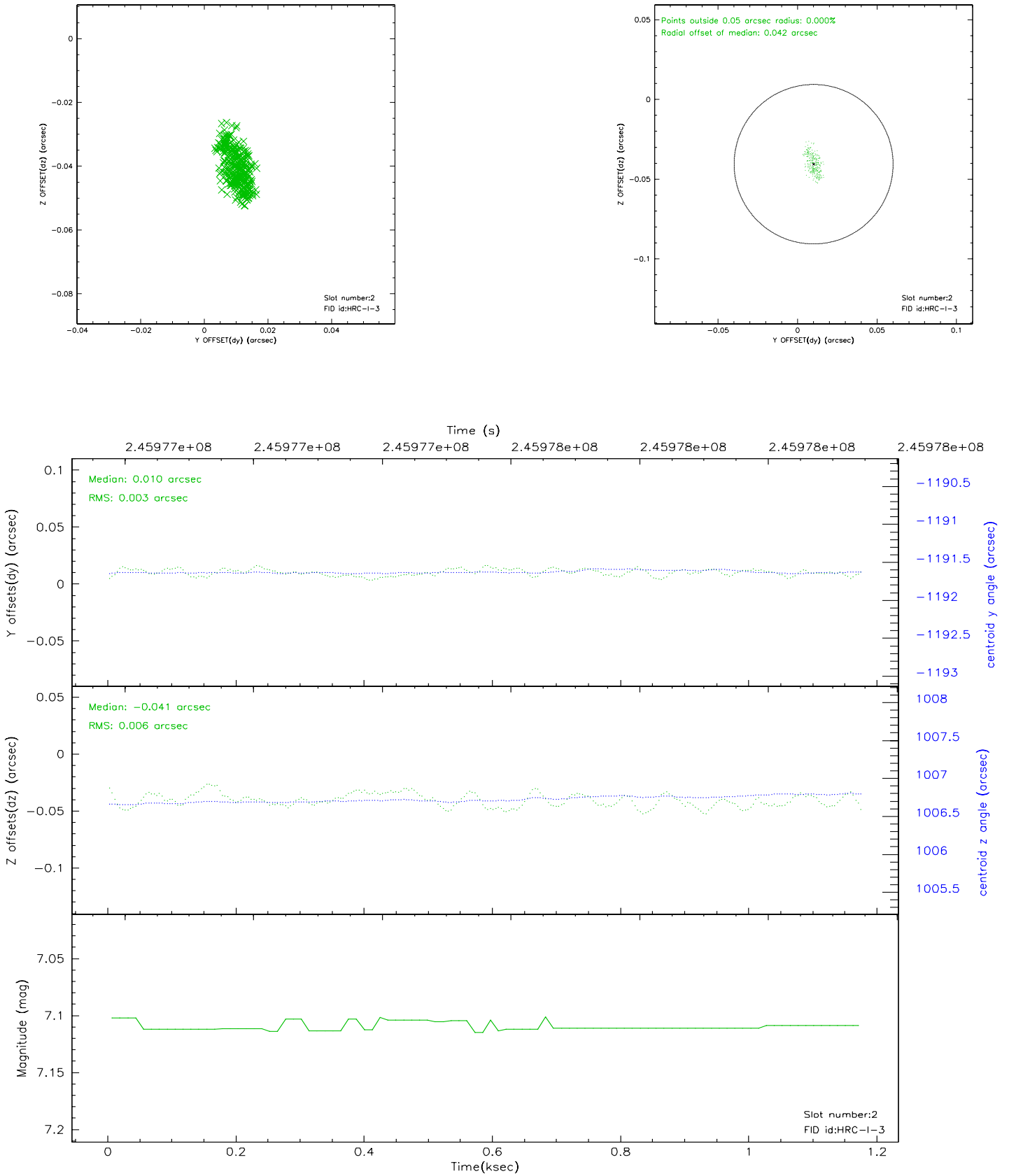
2.5.1 Slot 0



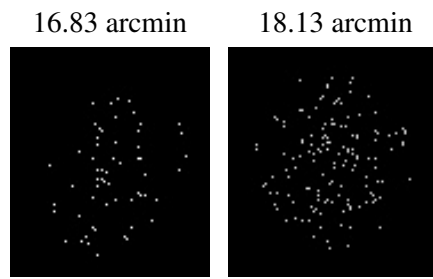
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.173625

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.