

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4454 - L2 Version 3
Chandra X-Ray Center

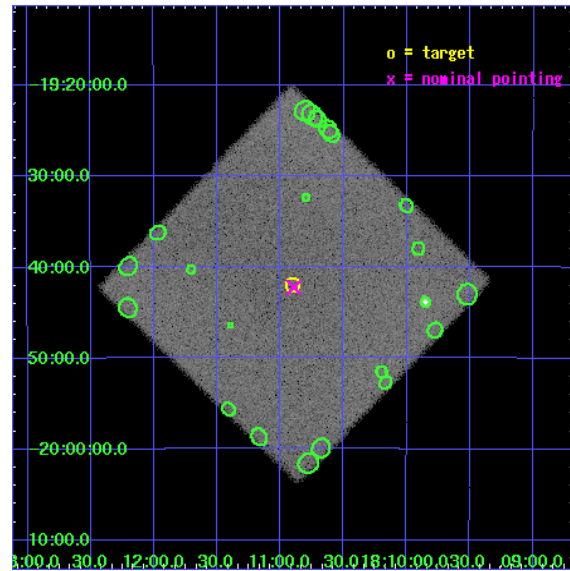
L2 Processing Date : Nov 23 2007

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1 Front

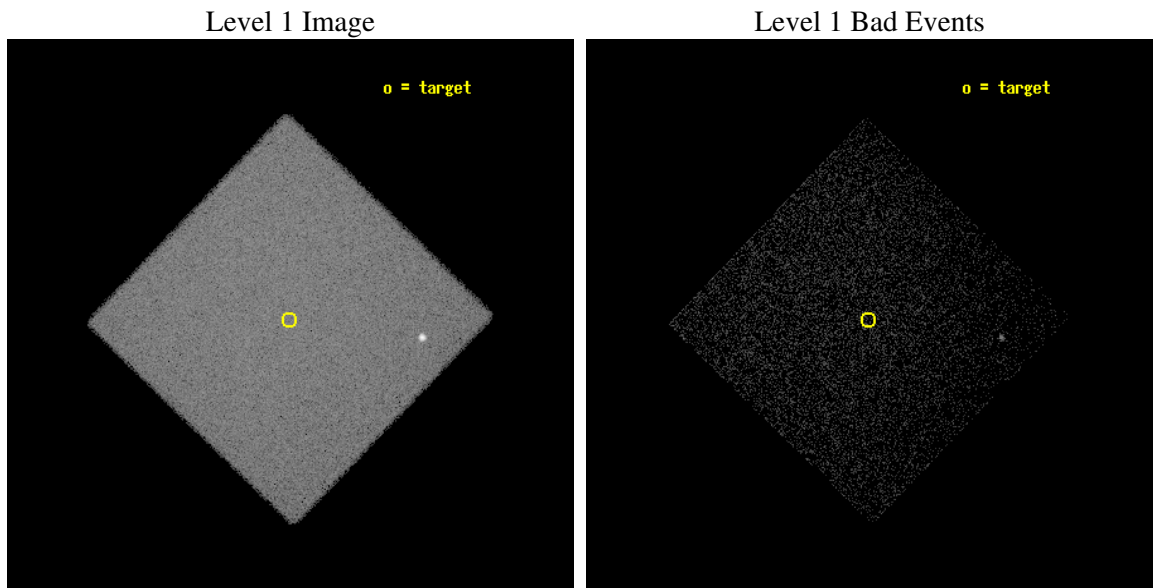
seq_num	500415
obs_id	4454
title	Locating the Transient AXP XTE J1810-197
observer	Dr. Eric Gotthelf
object	XTE J1810-197
ra_targ	272.725
dec_targ	-19.7
ra_nom	272.723232283
dec_nom	-19.703759368381
roll_nom	268.99036464508
revision	3
ontime	2833.3563711941
livetime	2770.6661590739
l2events	267331



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	2007-11-23T19:30:03
revision	3

sched_exp_time	2960.370000
ontime	2833.3563711941
l1events	414894

2.1.3 Events

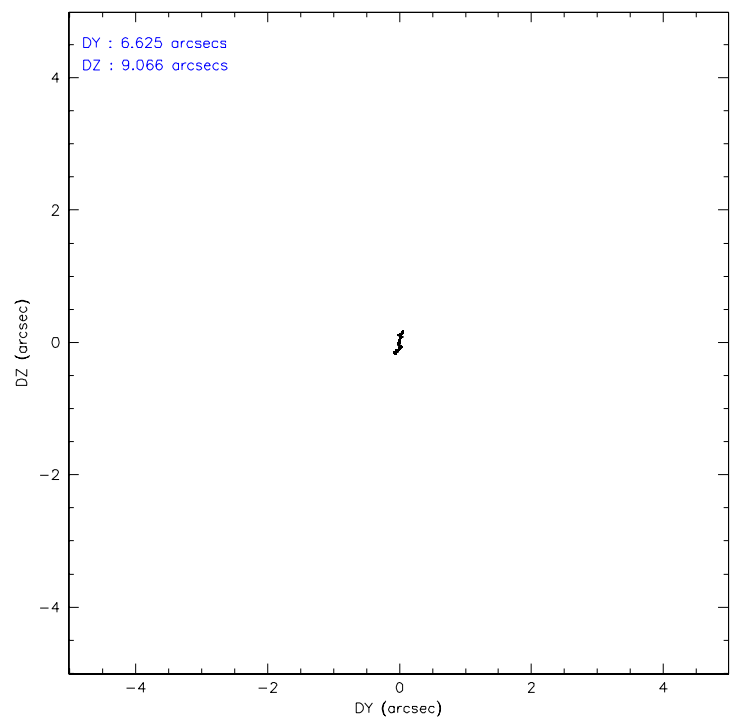
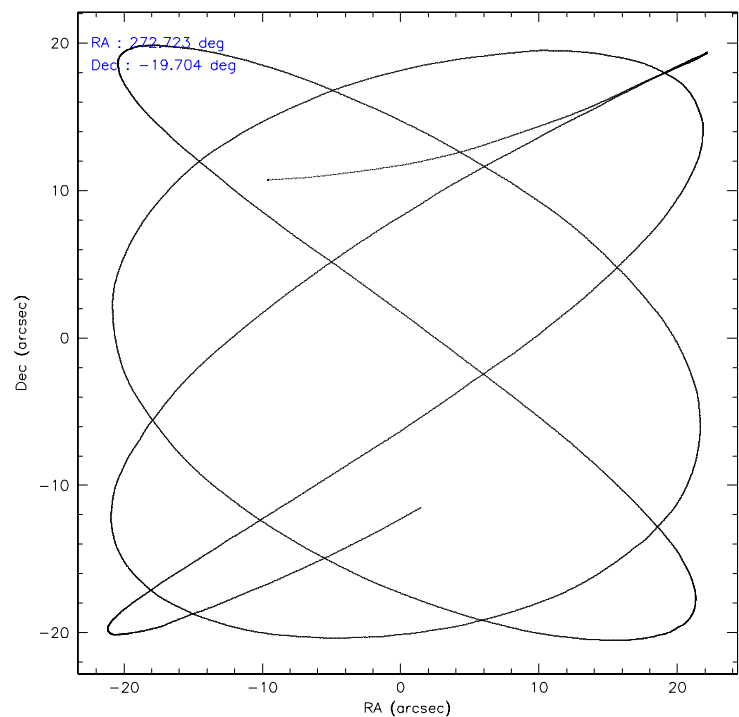
Level 1 Events

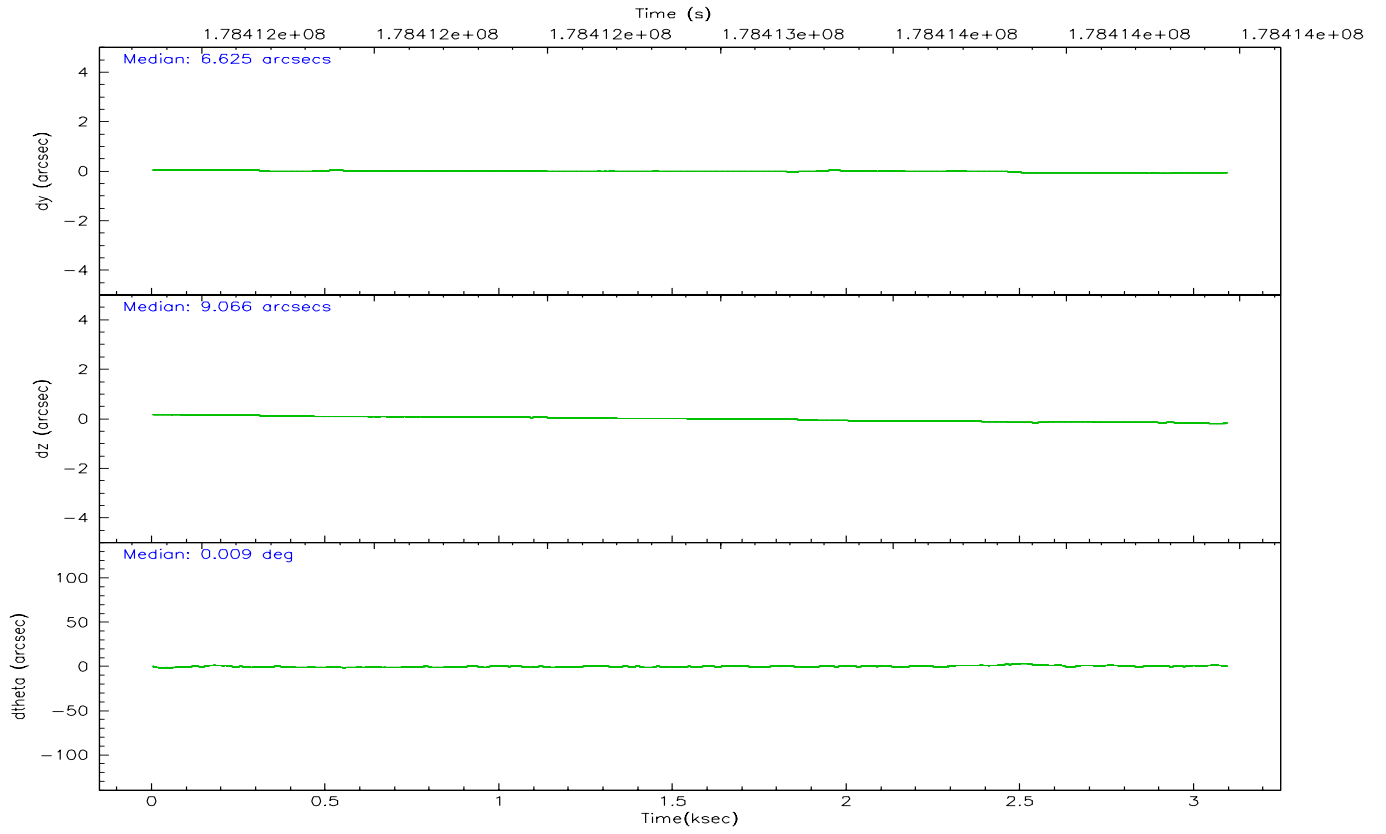
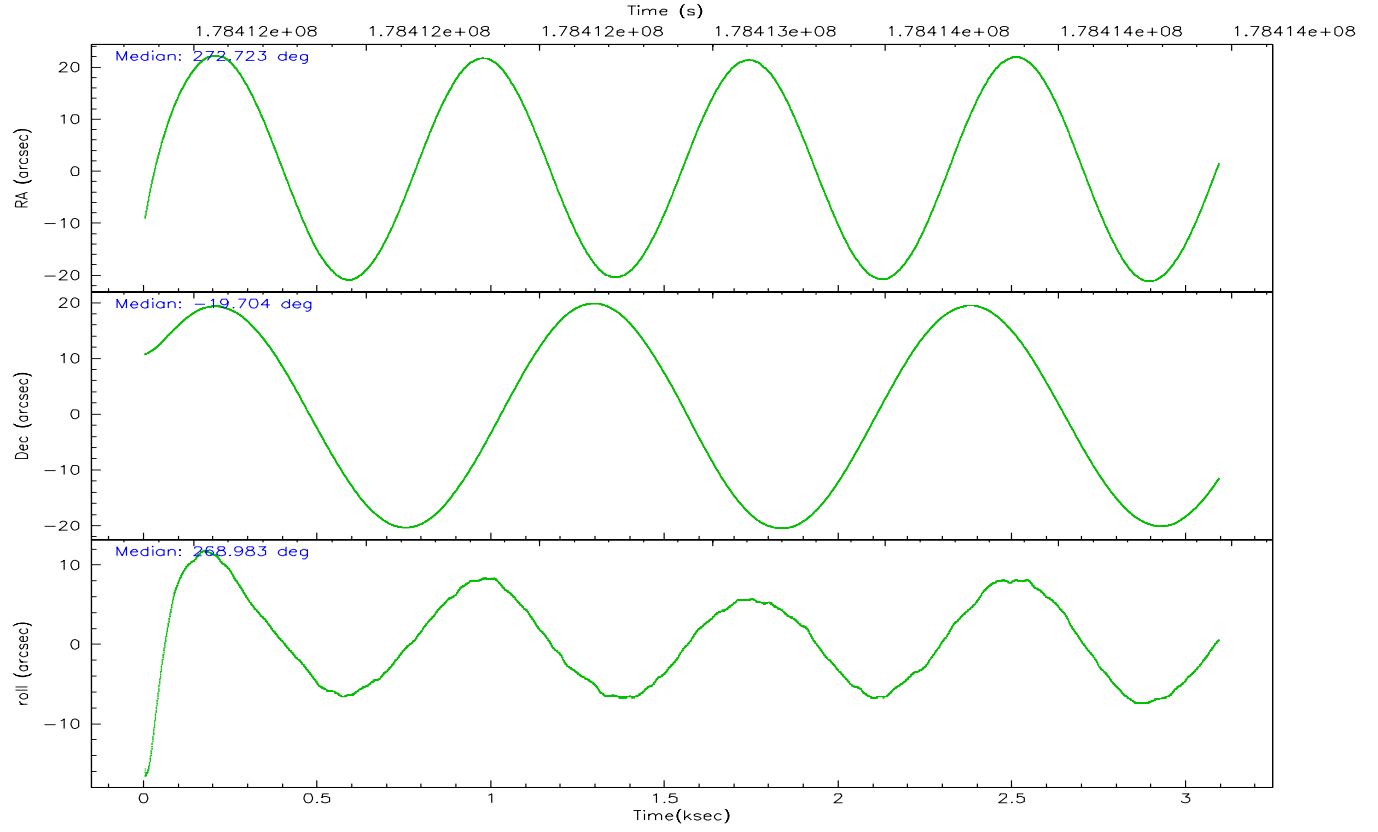
	segment 0
level 1 events	414894
rejected events	49716
rejected %	11%

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	272.708693	272.7232322829998			
Pointing Dec	-19.680418	-19.70375936838123			
Pointing Roll	269.081015	268.990364645078			
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	178411496.184000	178410461.17796			
Observation start date	2003-08-27T22:43:52	2003-08-27T22:27:41			
Observation end time	178414456.184000	178414771.30315			
Observation end date	2003-08-27T23:33:12	2003-08-27T23:39:31			

2.3 Aspect



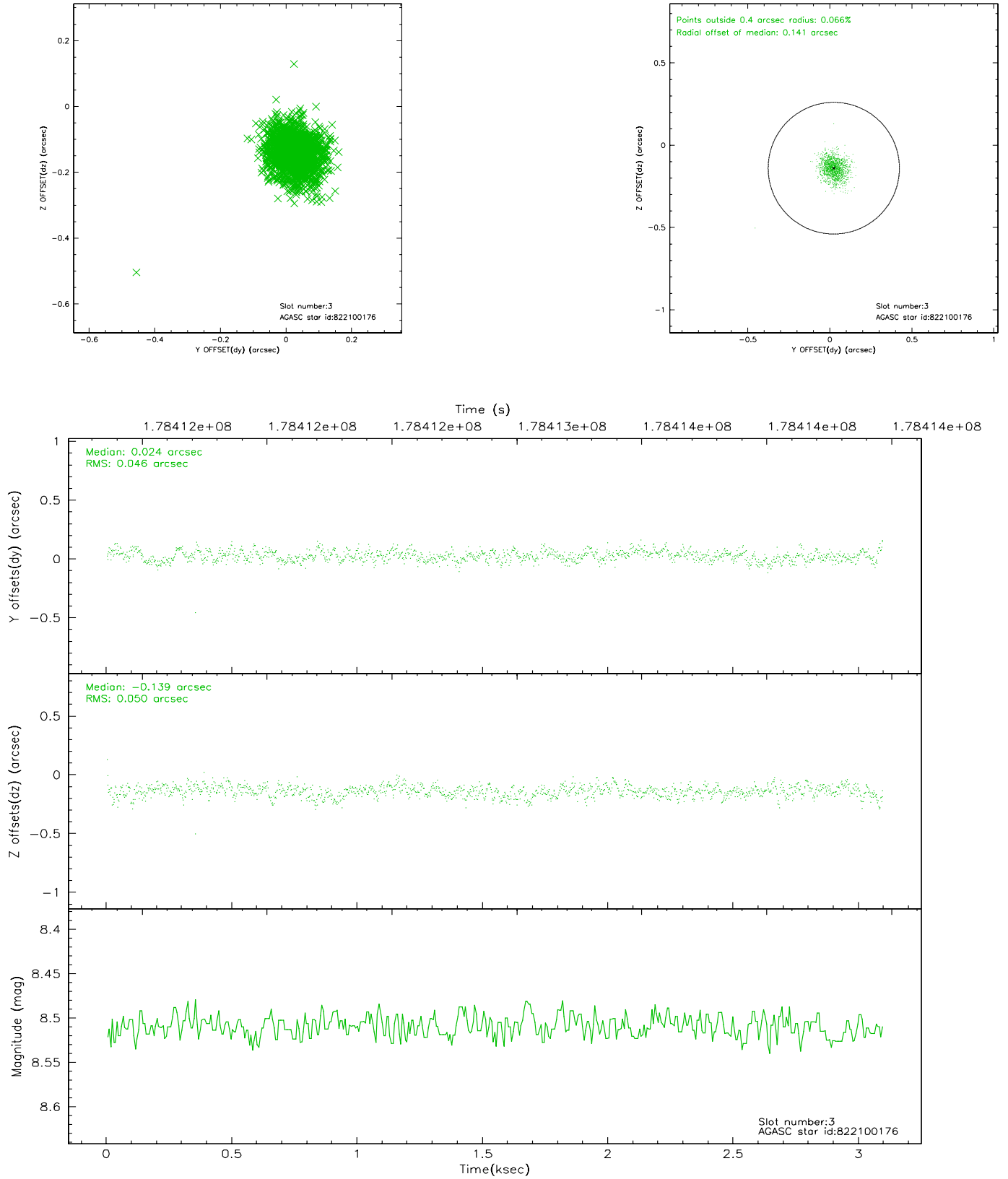


Slot Statistics

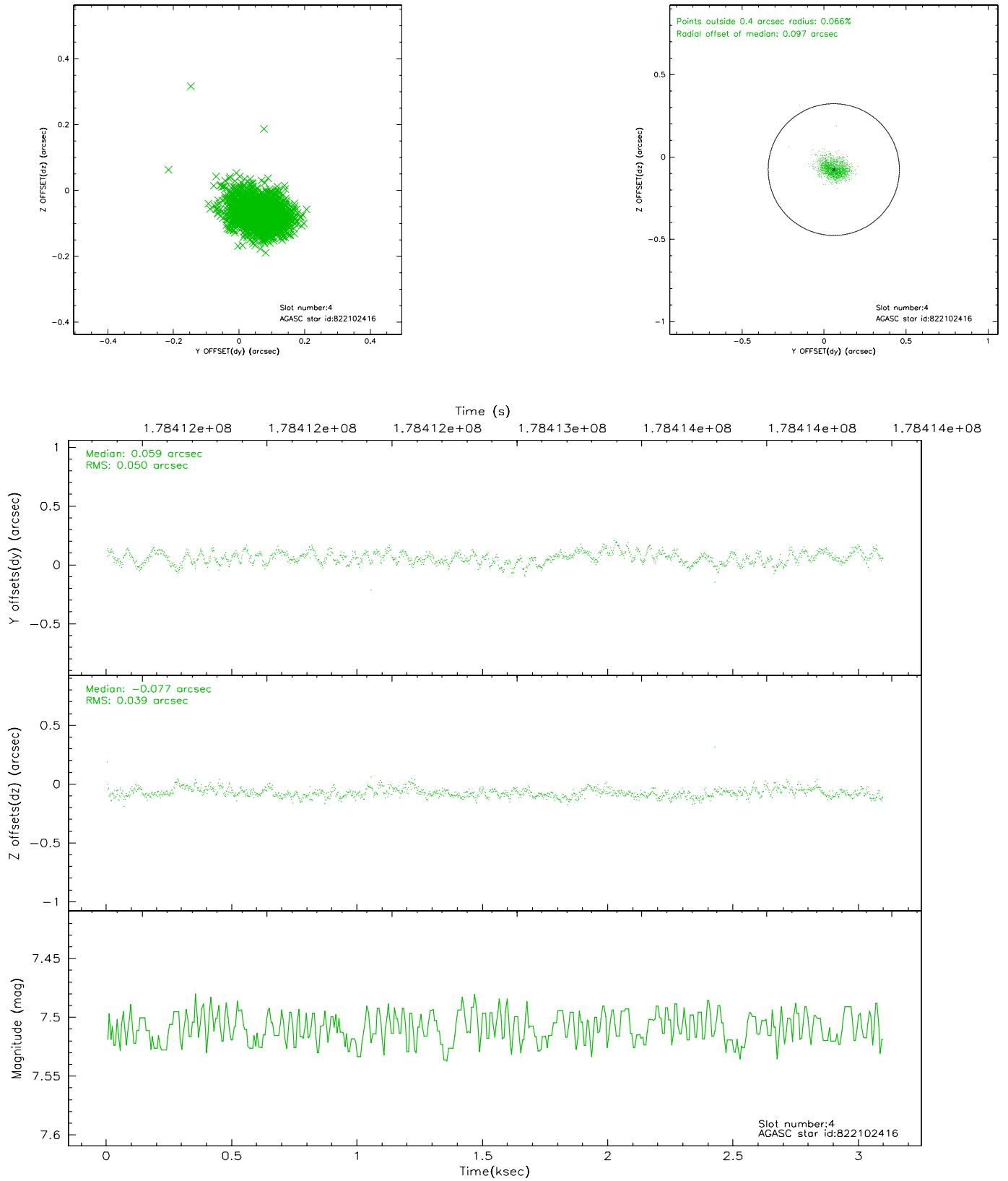
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.02	755	0.049	-0.042	0.008	0.015	0.000000	0.000000	850.48	-1298.58
1	FID	HRC-I-3	7.06	755	-0.022	-0.018	0.008	0.016	0.000000	0.000000	-1189.57	1005.87
2	FID	HRC-I-4	7.02	755	0.091	-0.027	0.007	0.013	0.000000	0.000000	1279.12	1006.50
3	GUIDE	822100176	8.51	1506	0.024	-0.139	0.070	0.114	272.112888	-19.868886	715.02	-2005.90
4	GUIDE	822102416	7.51	1510	0.059	-0.077	0.066	0.107	272.173216	-20.087156	1497.17	-1787.81
5	GUIDE	822085152	9.01	1510	-0.141	0.037	0.087	0.139	272.974056	-19.057083	-2256.35	865.64
6	GUIDE	822103320	9.07	1510	0.039	0.104	0.103	0.162	273.198291	-20.140480	1630.67	1682.24
7	GUIDE	822092816	9.51	1507	0.015	0.069	0.097	0.158	273.207975	-19.445846	-867.76	1682.40

2.4 Star Slots

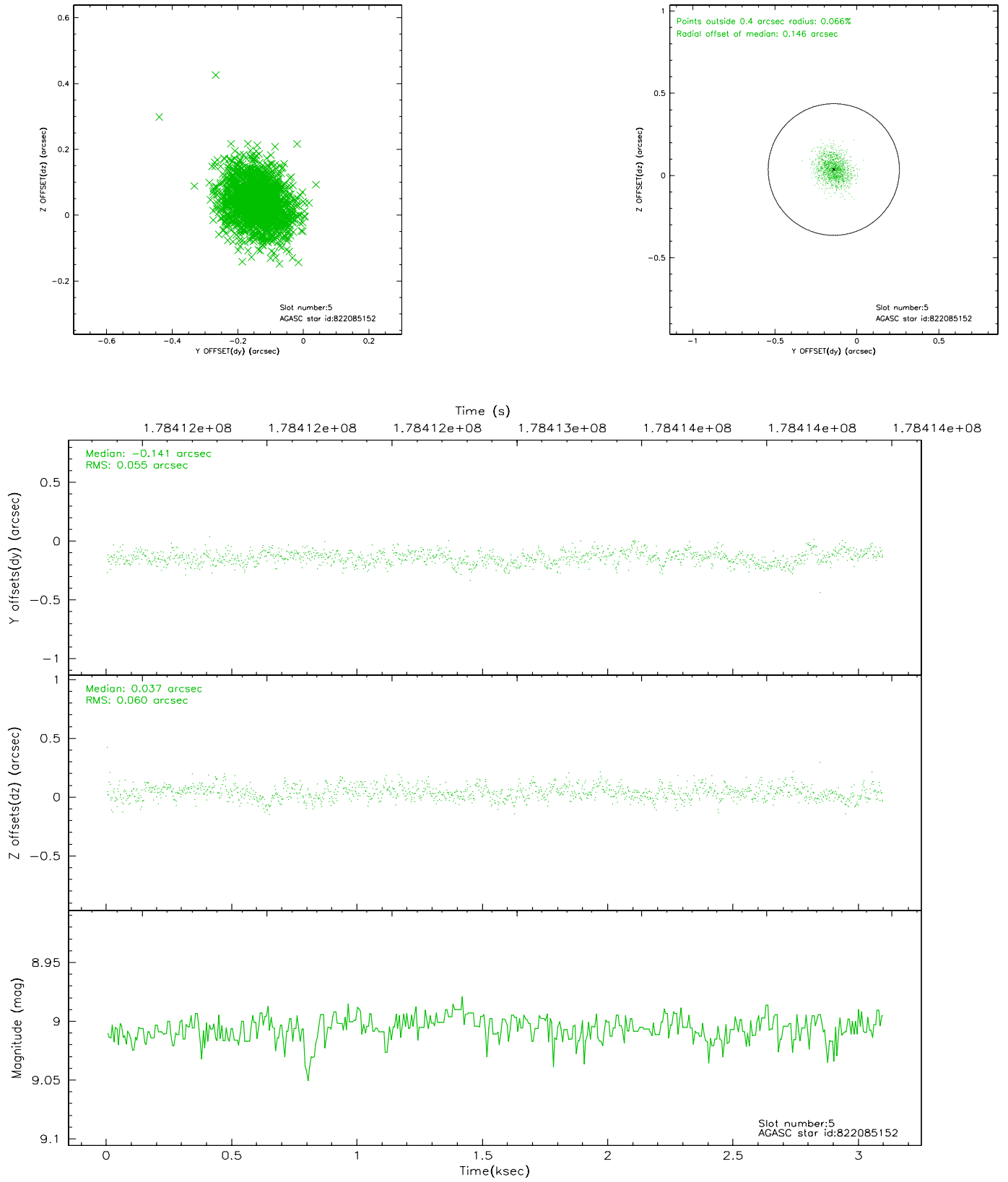
2.4.1 Slot 3



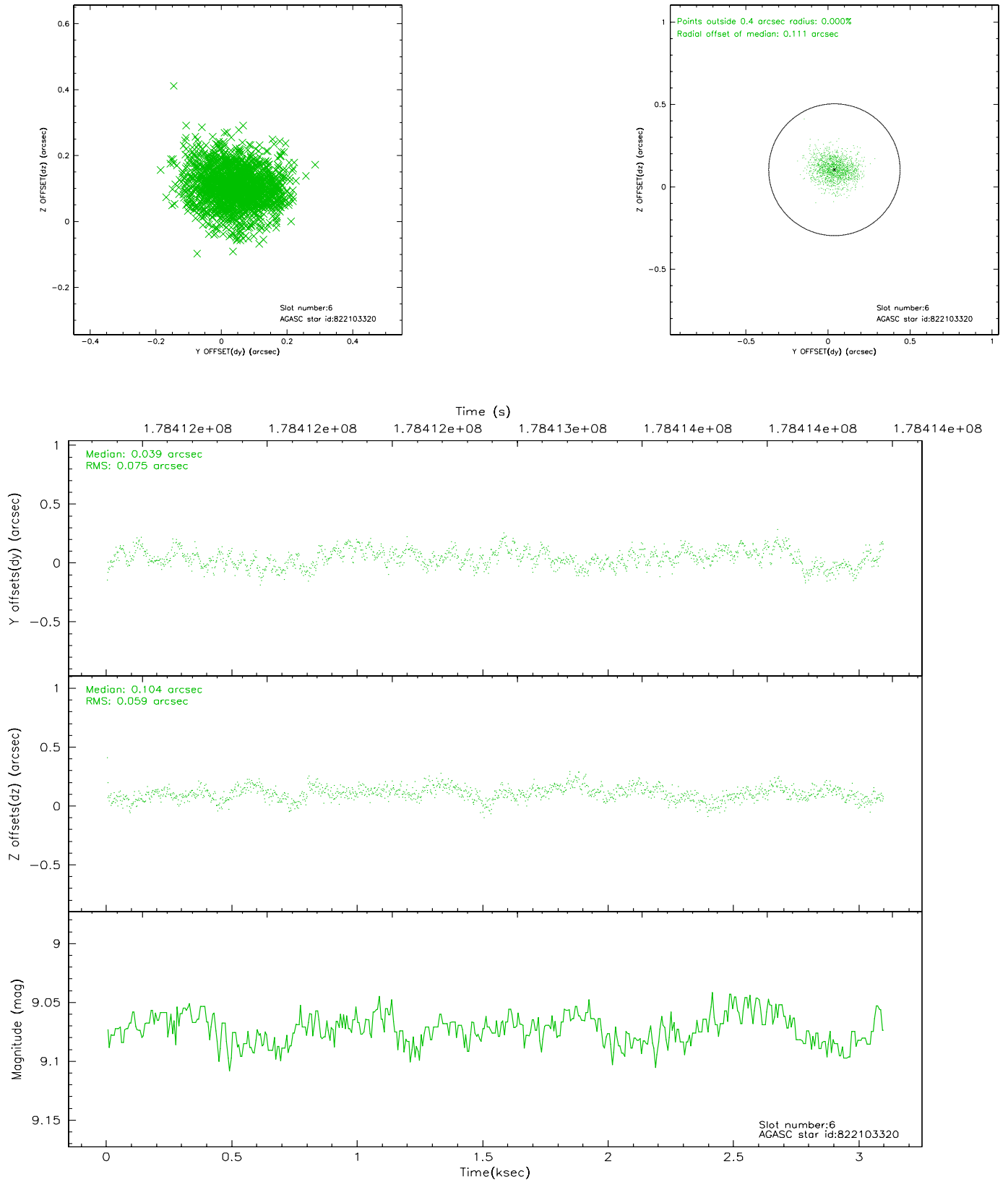
2.4.2 Slot 4



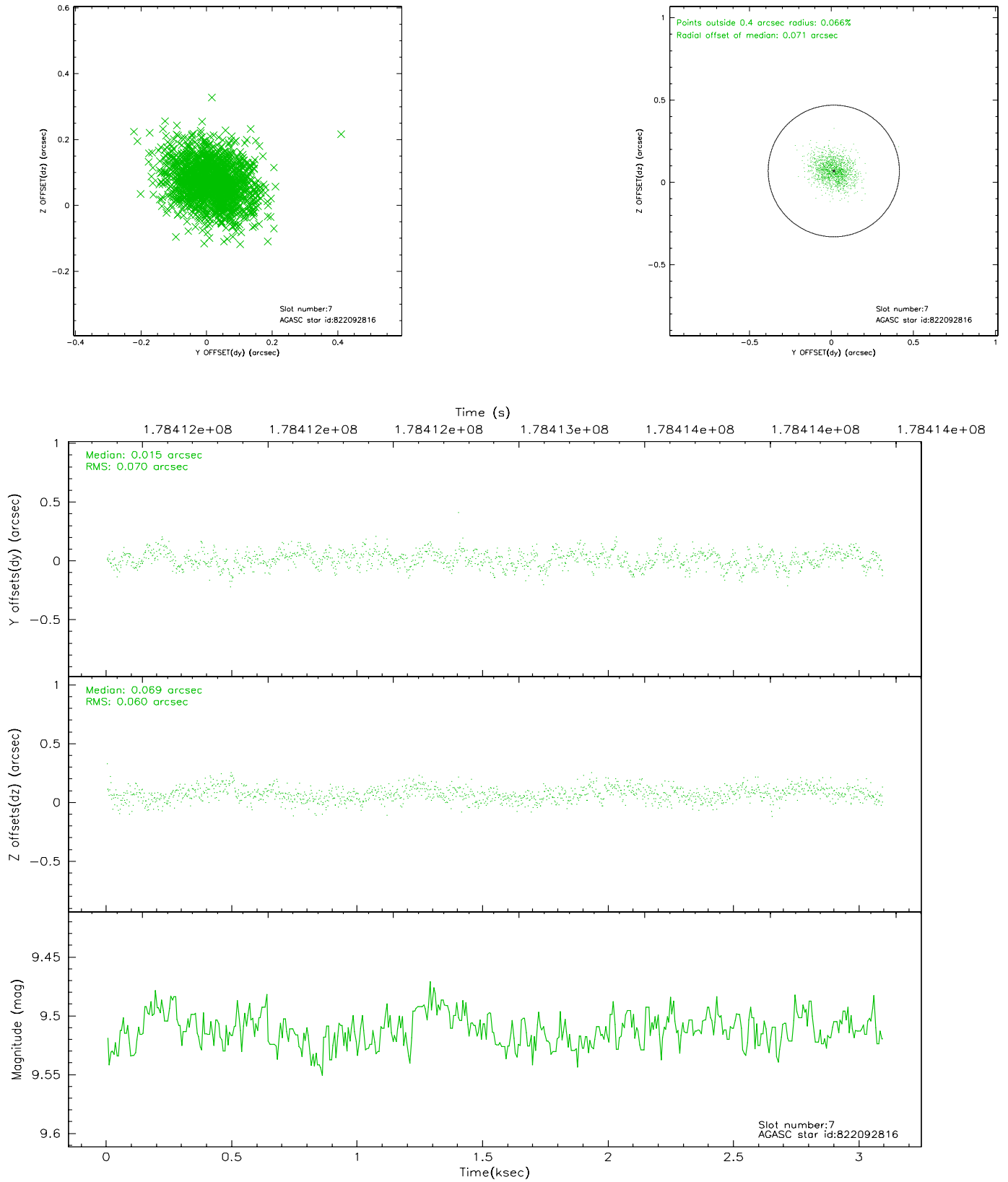
2.4.3 Slot 5



2.4.4 Slot 6

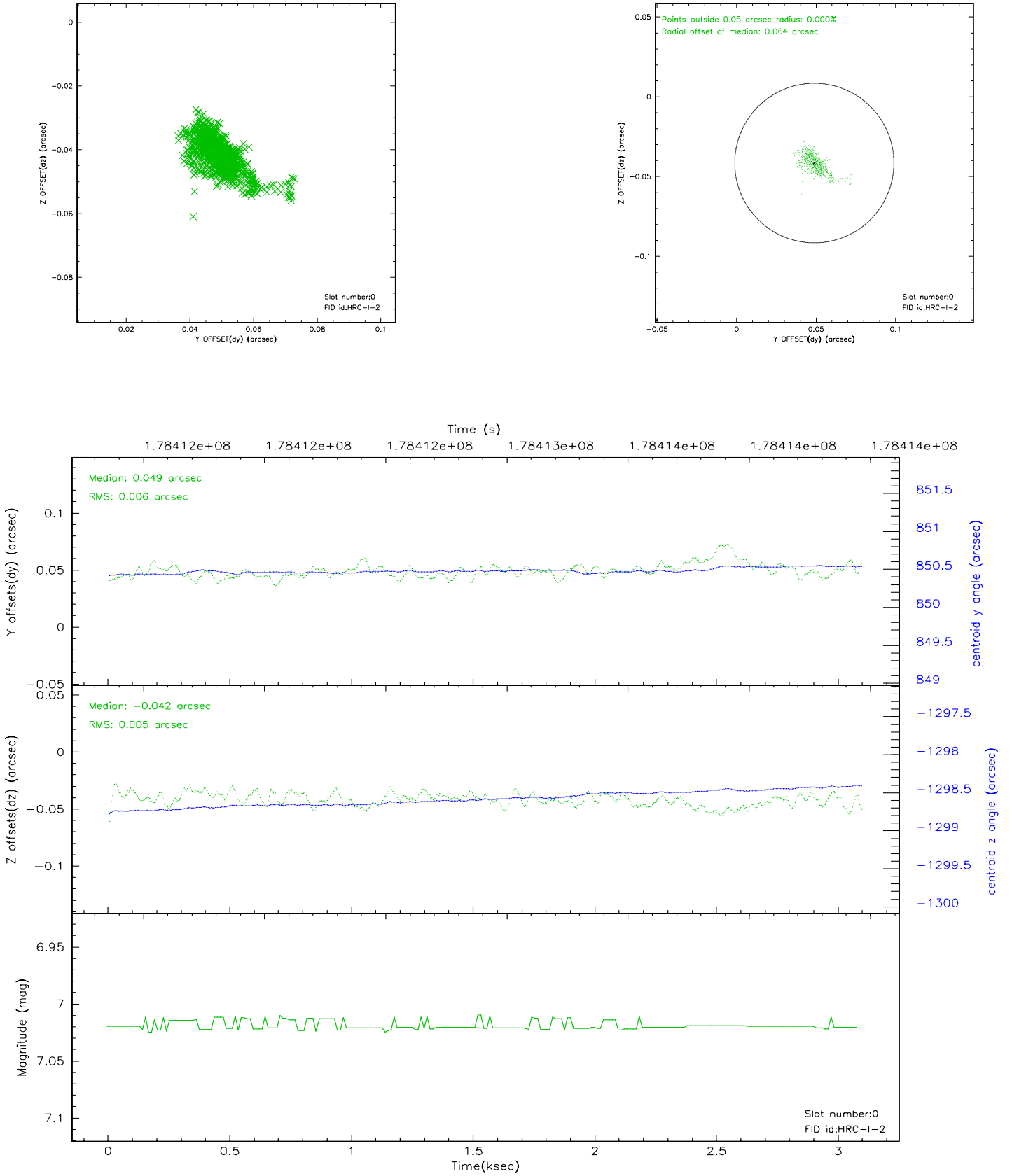


2.4.5 Slot 7

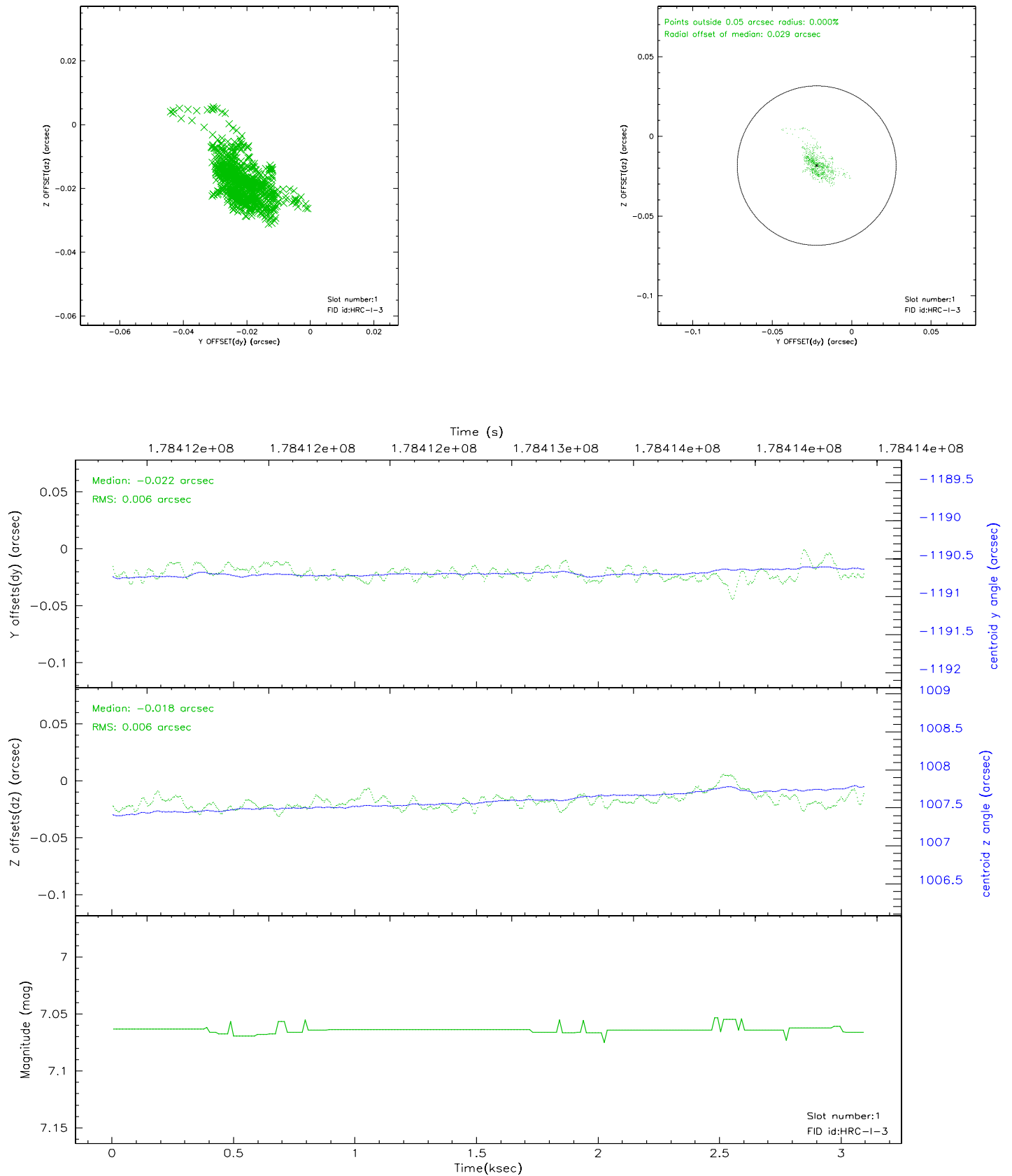


2.5 FID Slots

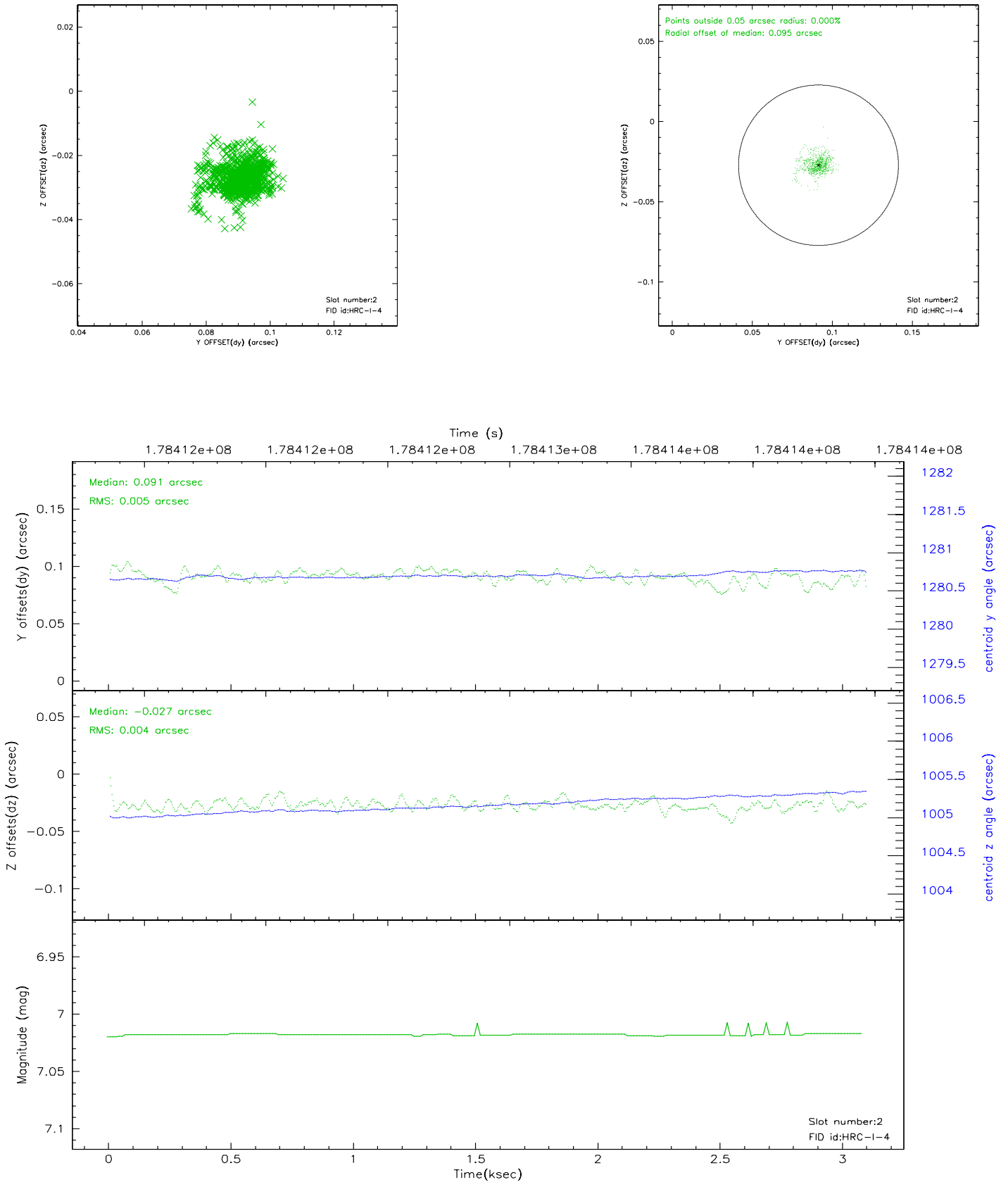
2.5.1 Slot 0



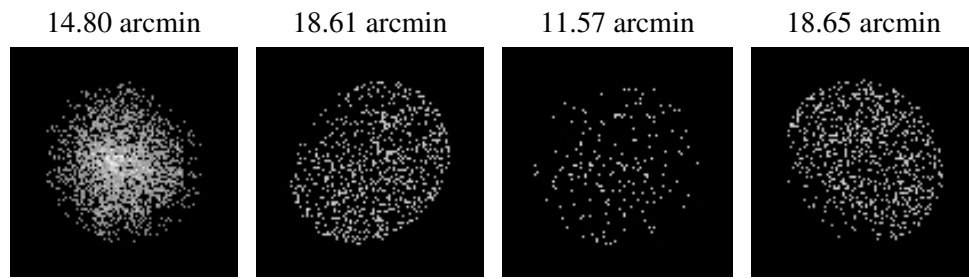
2.5.2 Slot 1



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	2.833

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.