

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1813 - L2 Version 3
Chandra X-Ray Center

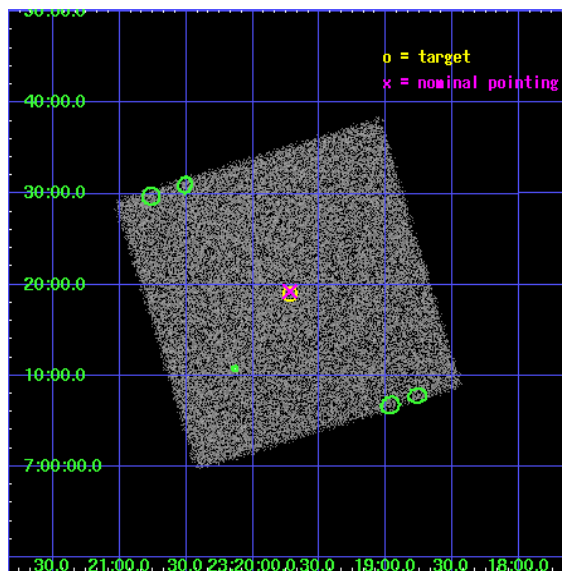
L2 Processing Date : Nov 20 2007

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1 Front

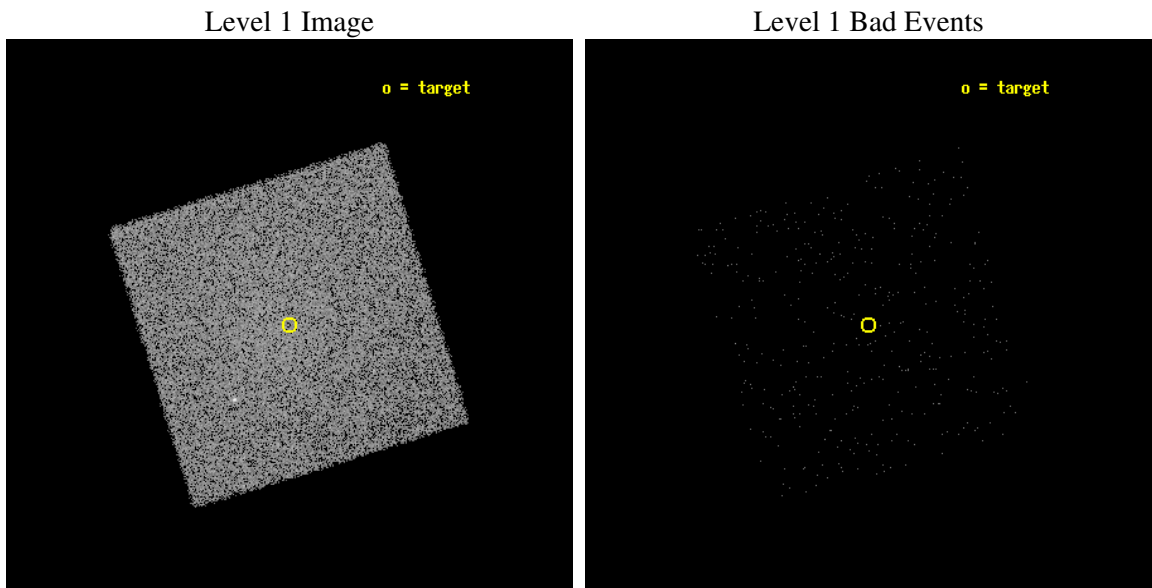
seq_num	100009
obs_id	1813
title	SOLVING THE PUZZLE OF COMETARY X-RAY ORIGIN: OBSERVATIONS OF COMET 10P/TEMPEL 2
observer	DR W. THOMAS VESTRAND
object	LINEAR 2001 A2
ra_targ	349.930625
dec_targ	7.317057
ra_nom	349.93041458282
dec_nom	7.3209526598134
roll_nom	117.77316943898
revision	3
ontime	2352.6313420236
livetime	2340.5232103456
l2events	61833



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	2007-11-20T16:52:36
revision	3

sched_exp_time	2150.000000
ontime	2352.6313420236
l1events	104624

2.1.3 Events

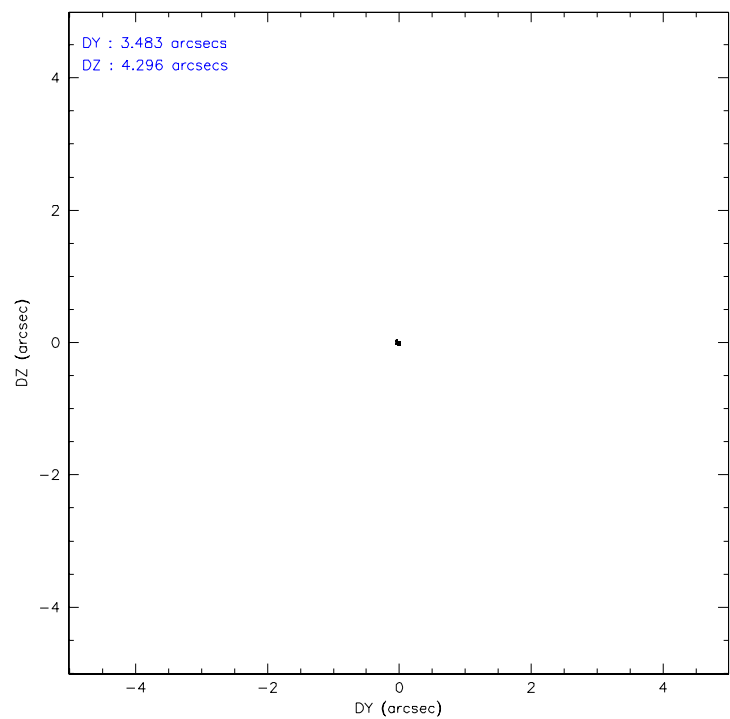
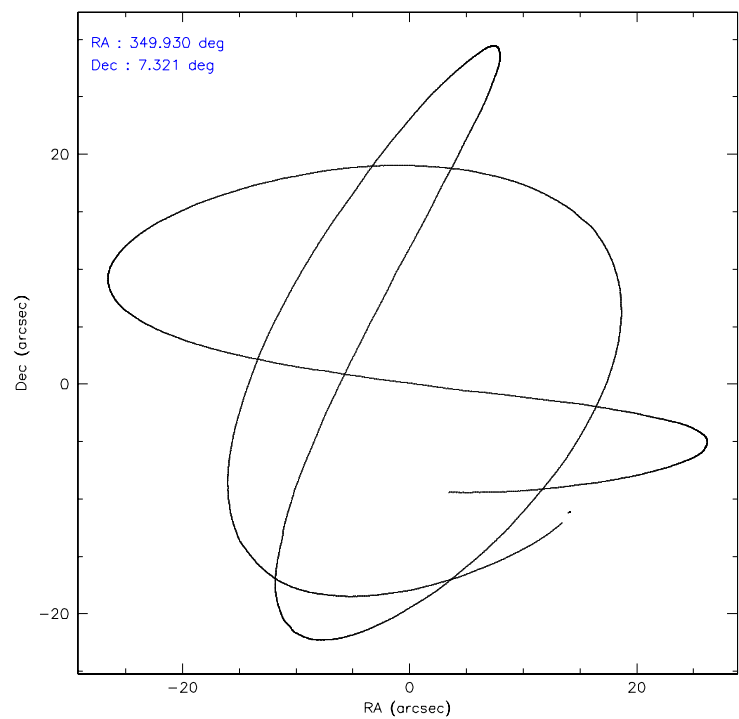
Level 1 Events

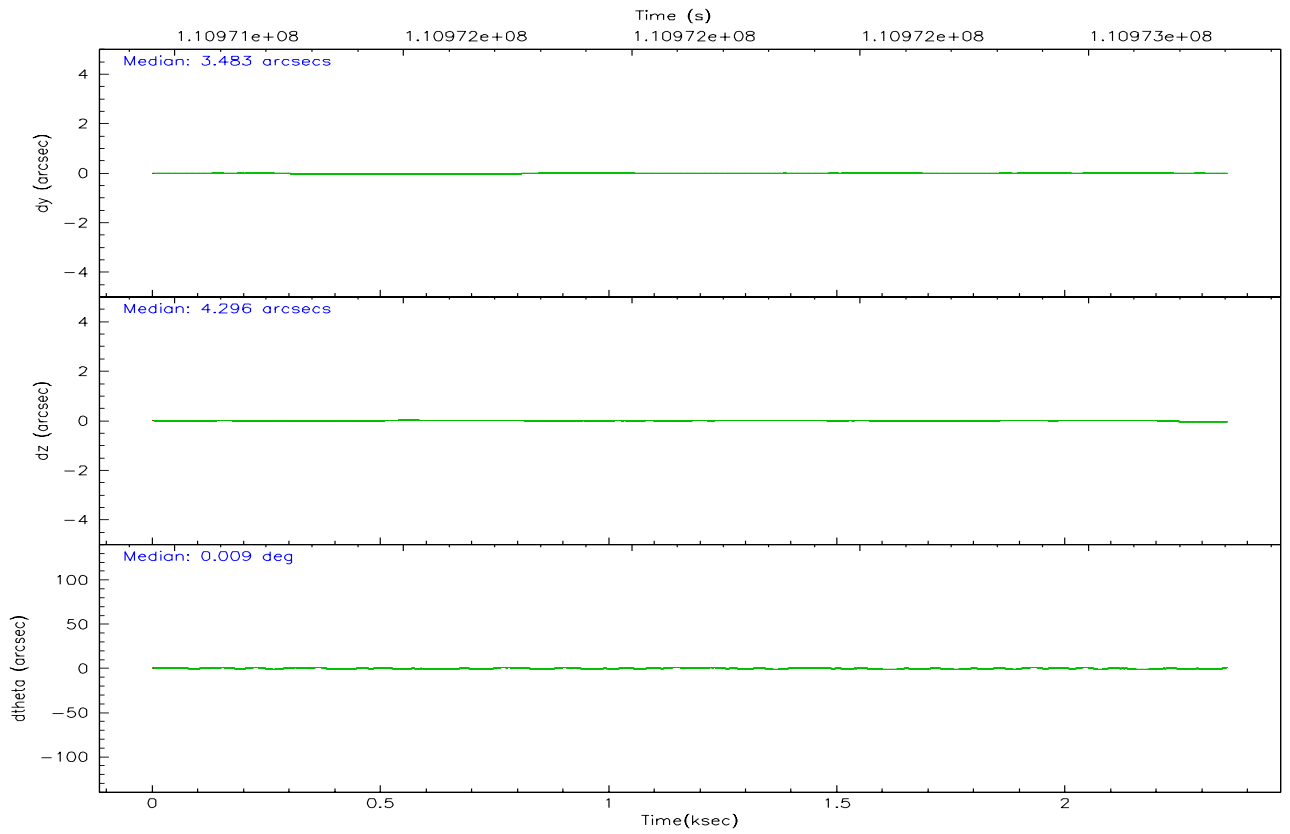
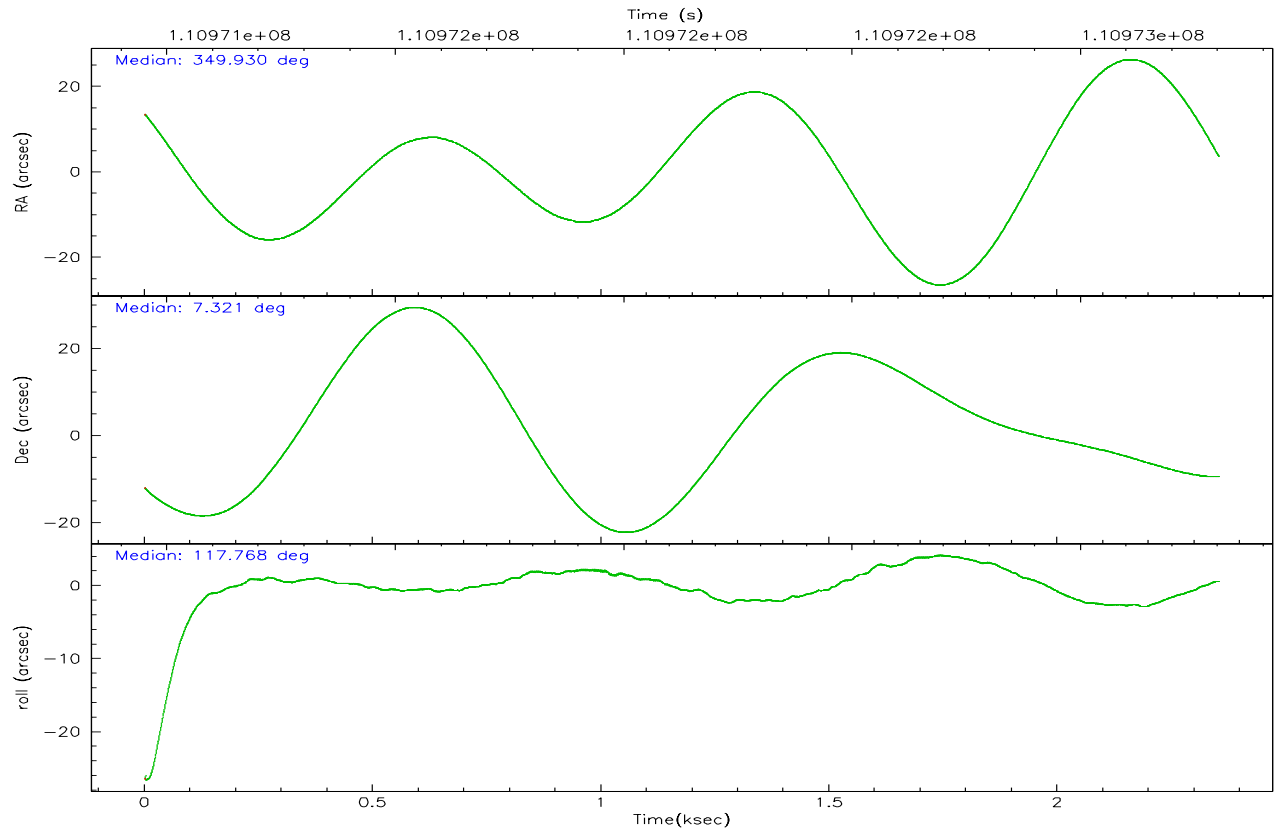
	segment 0
level 1 events	104624
rejected events	13046
rejected %	12%

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	349.953695	349.9304145828181			
Pointing Dec	7.307287	7.32095265981336			
Pointing Roll	117.865794	117.7731694389838			
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	110971157.184000	110970781.23161			
Observation start date	2001-07-08T09:18:13	2001-07-08T09:13:01			
Observation end time	110973307.184000	110973474.41921			
Observation end date	2001-07-08T09:54:03	2001-07-08T09:57:54			

2.3 Aspect



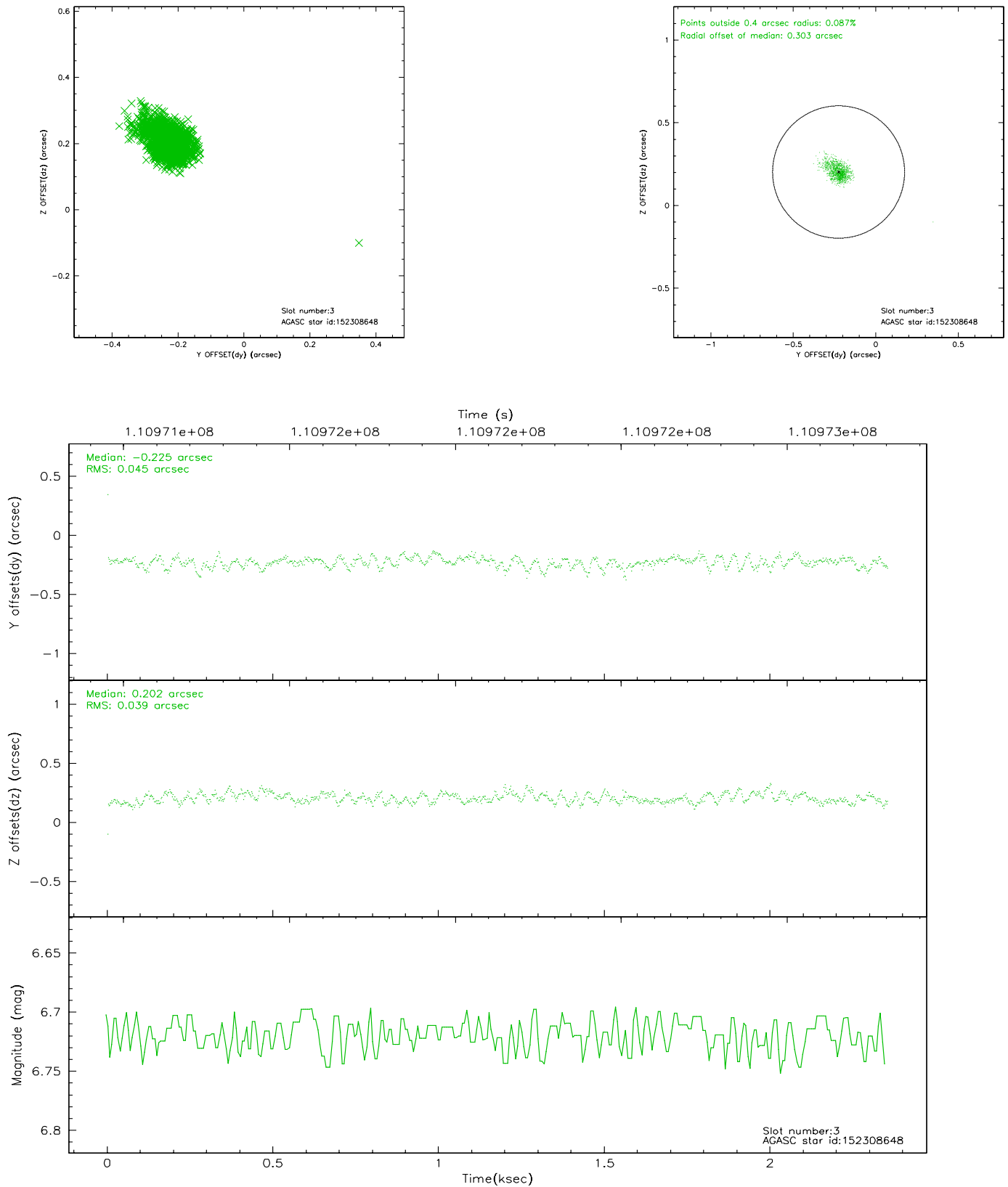


Slot Statistics

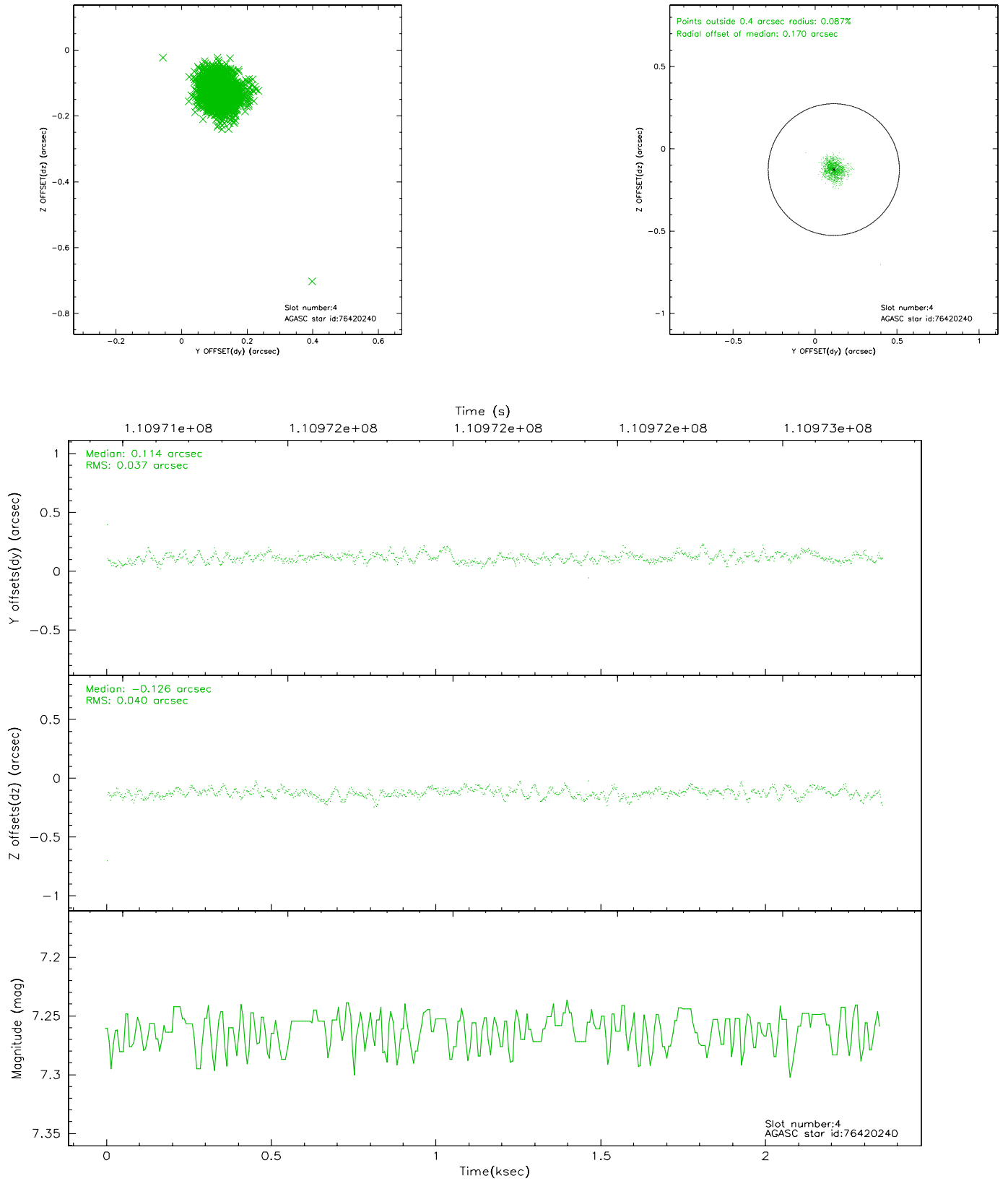
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	575	0.059	0.068	0.006	0.011	0.000000	0.000000	-758.93	-1291.98
1	FID	HRC-I-3	7.08	575	0.006	-0.090	0.007	0.012	0.000000	0.000000	-1188.75	1010.18
2	FID	HRC-I-4	7.01	575	0.048	-0.068	0.006	0.012	0.000000	0.000000	1281.82	1011.78
3	GUIDE	152308648	6.72	1149	-0.225	0.202	0.059	0.099	349.950276	7.982087	2154.11	-1124.32
4	GUIDE	76420240	7.26	1149	0.114	-0.126	0.056	0.088	349.834746	7.214951	-92.43	529.64
5	GUIDE	152181256	7.78	1149	-0.167	-0.257	0.053	0.087	349.141958	7.580367	2225.91	2100.53
6	GUIDE	76546104	7.92	1149	0.055	0.303	0.062	0.099	350.637569	7.487255	-563.35	-2459.63
7	GUIDE	76551232	8.01	1148	0.227	-0.125	0.058	0.091	350.076046	6.872411	-1587.64	342.70

2.4 Star Slots

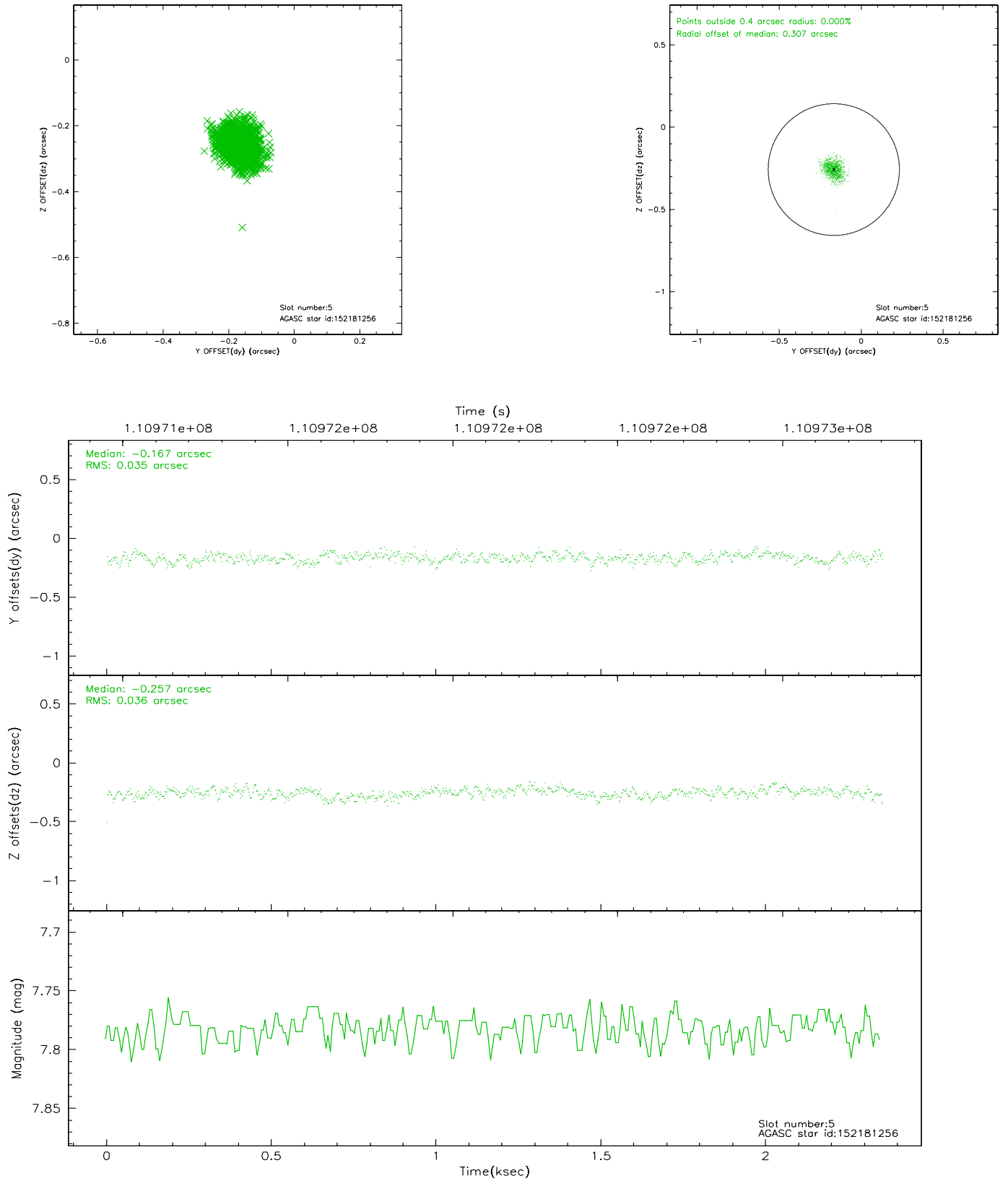
2.4.1 Slot 3



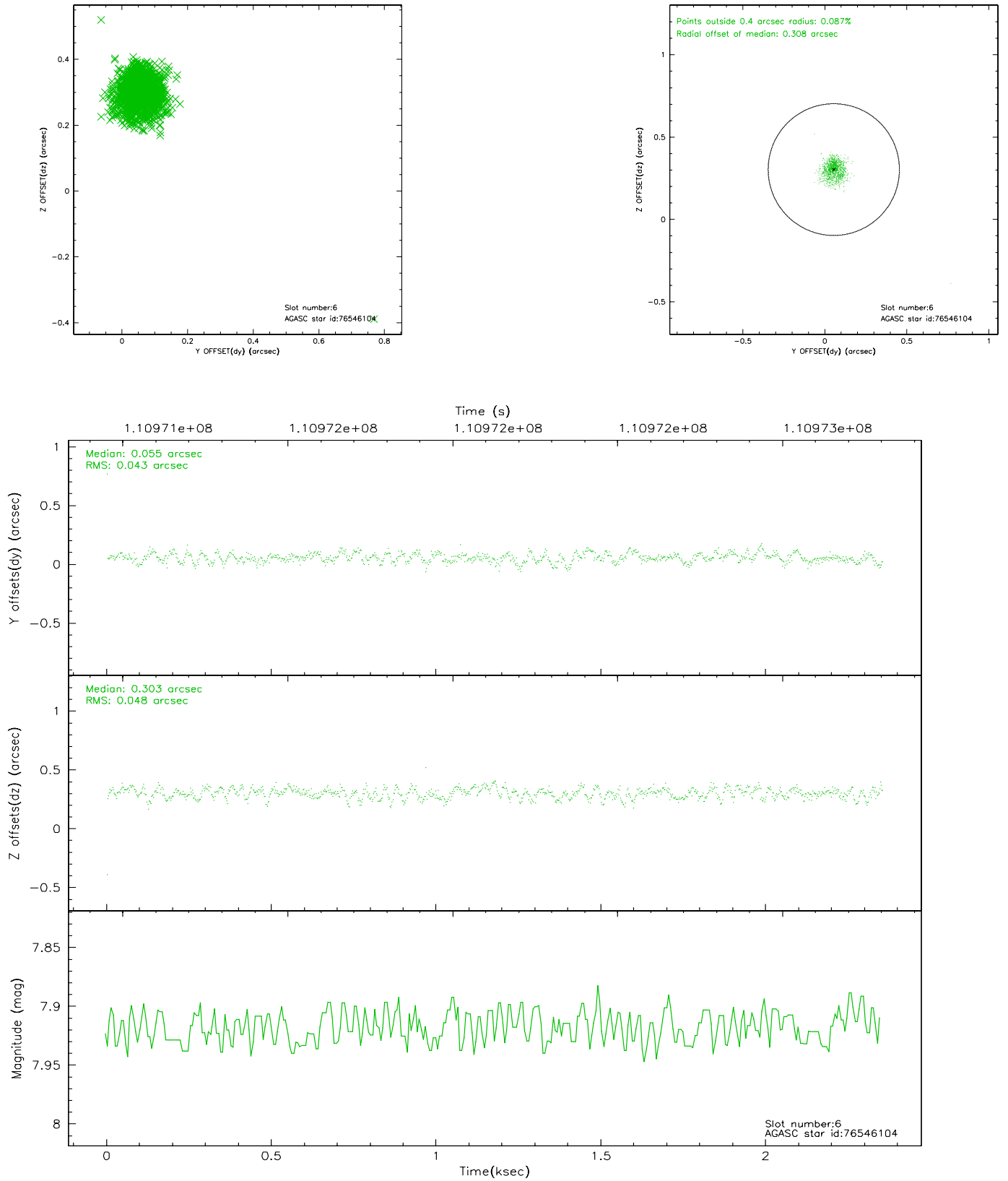
2.4.2 Slot 4



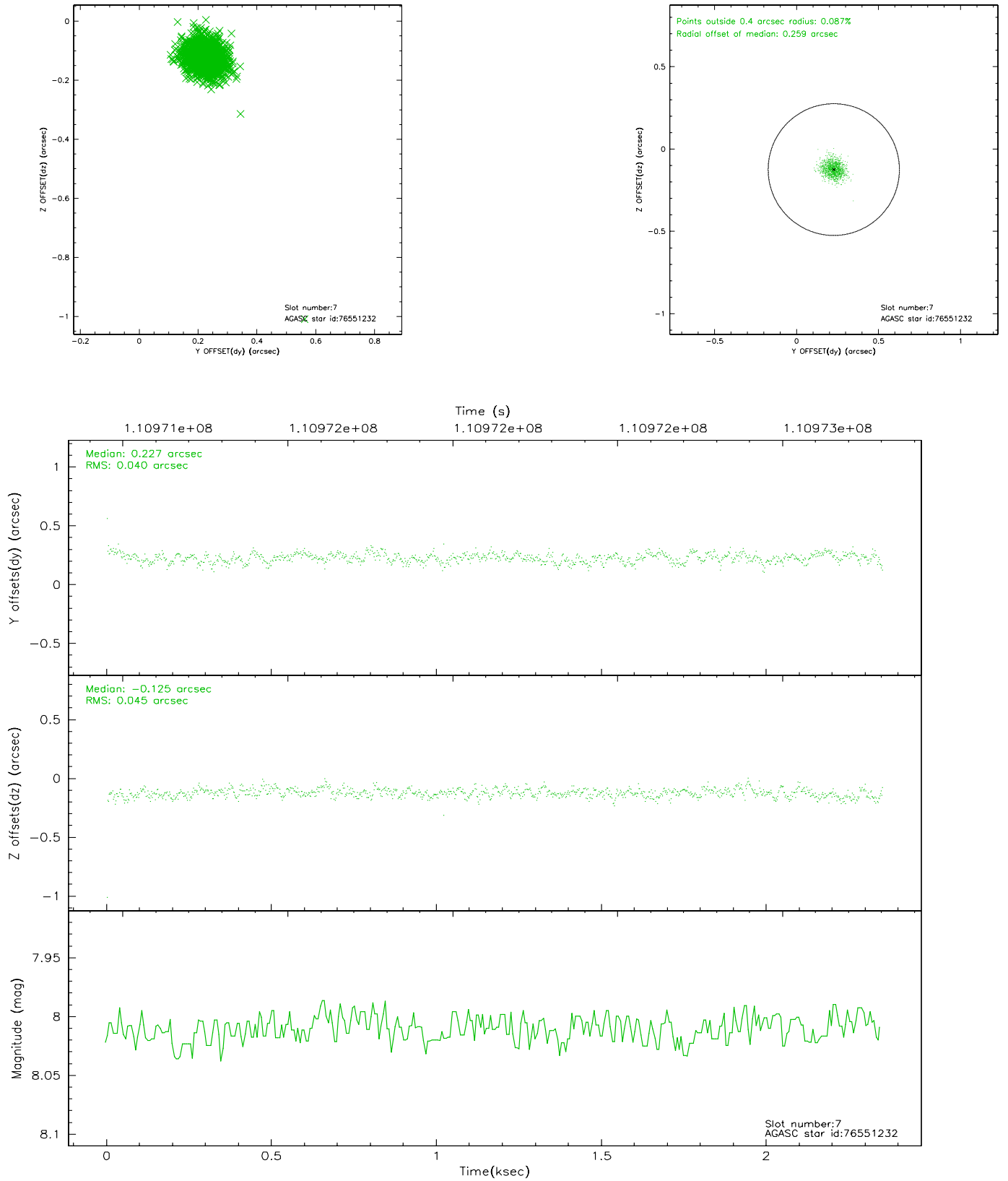
2.4.3 Slot 5



2.4.4 Slot 6

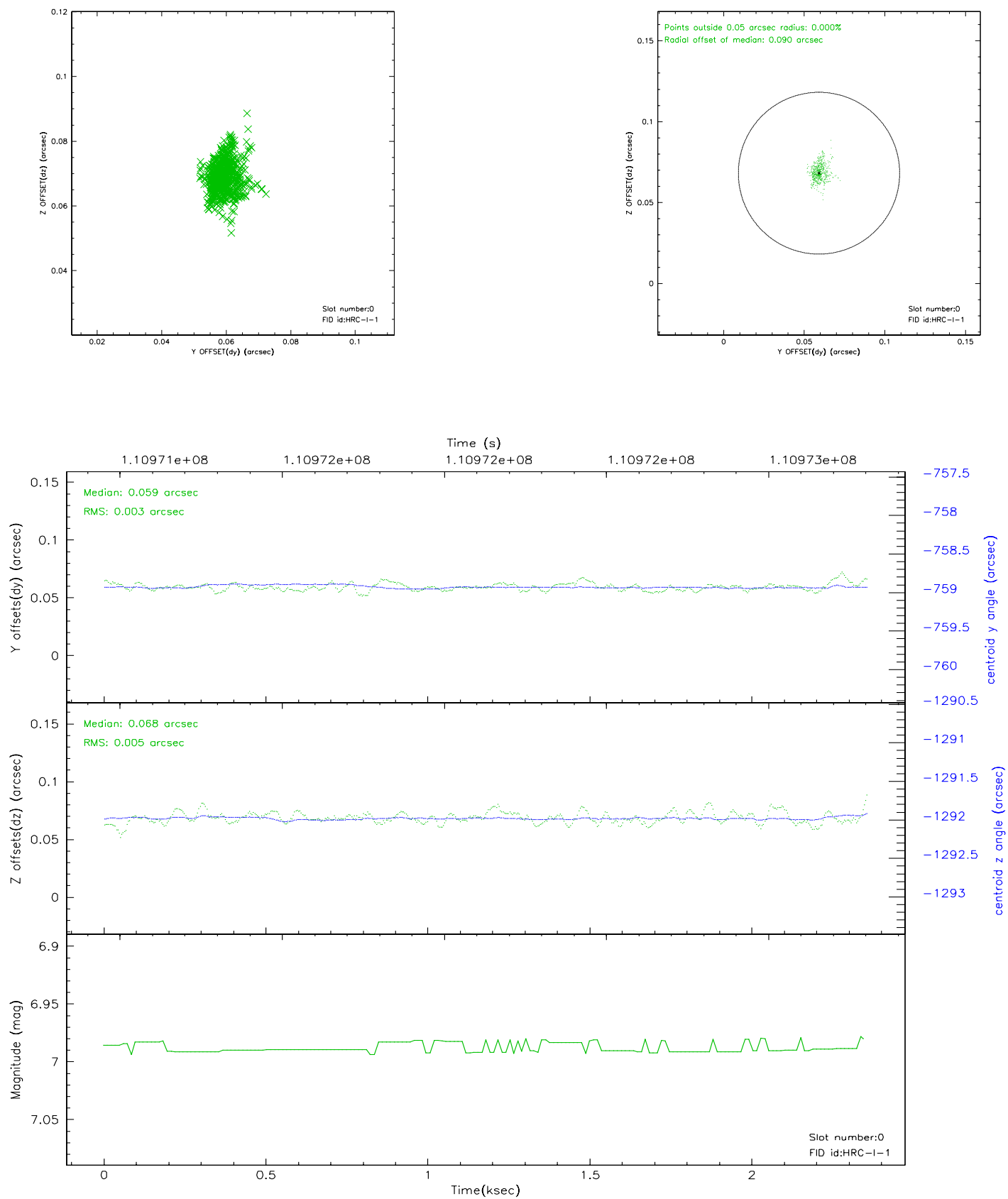


2.4.5 Slot 7

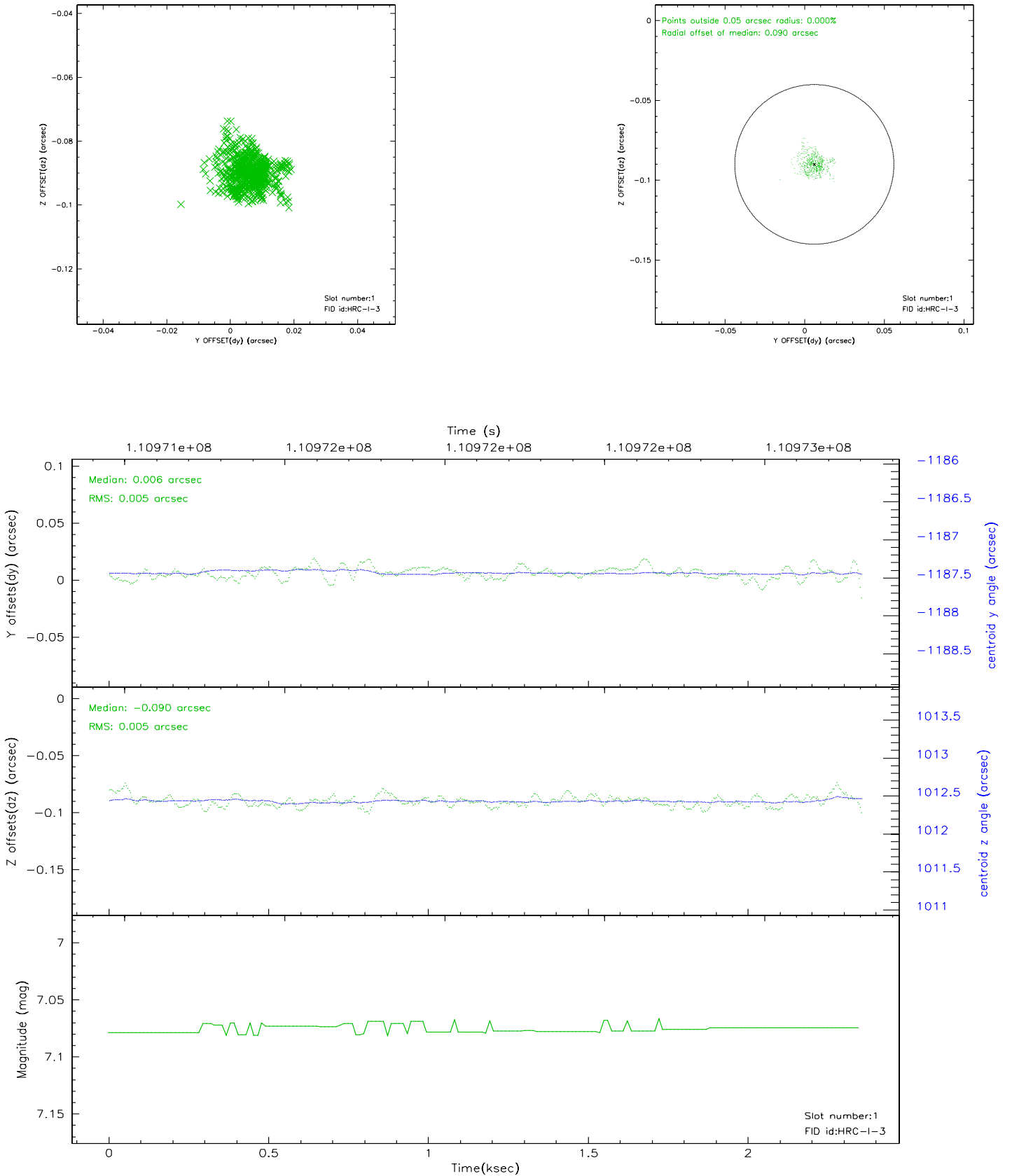


2.5 FID Slots

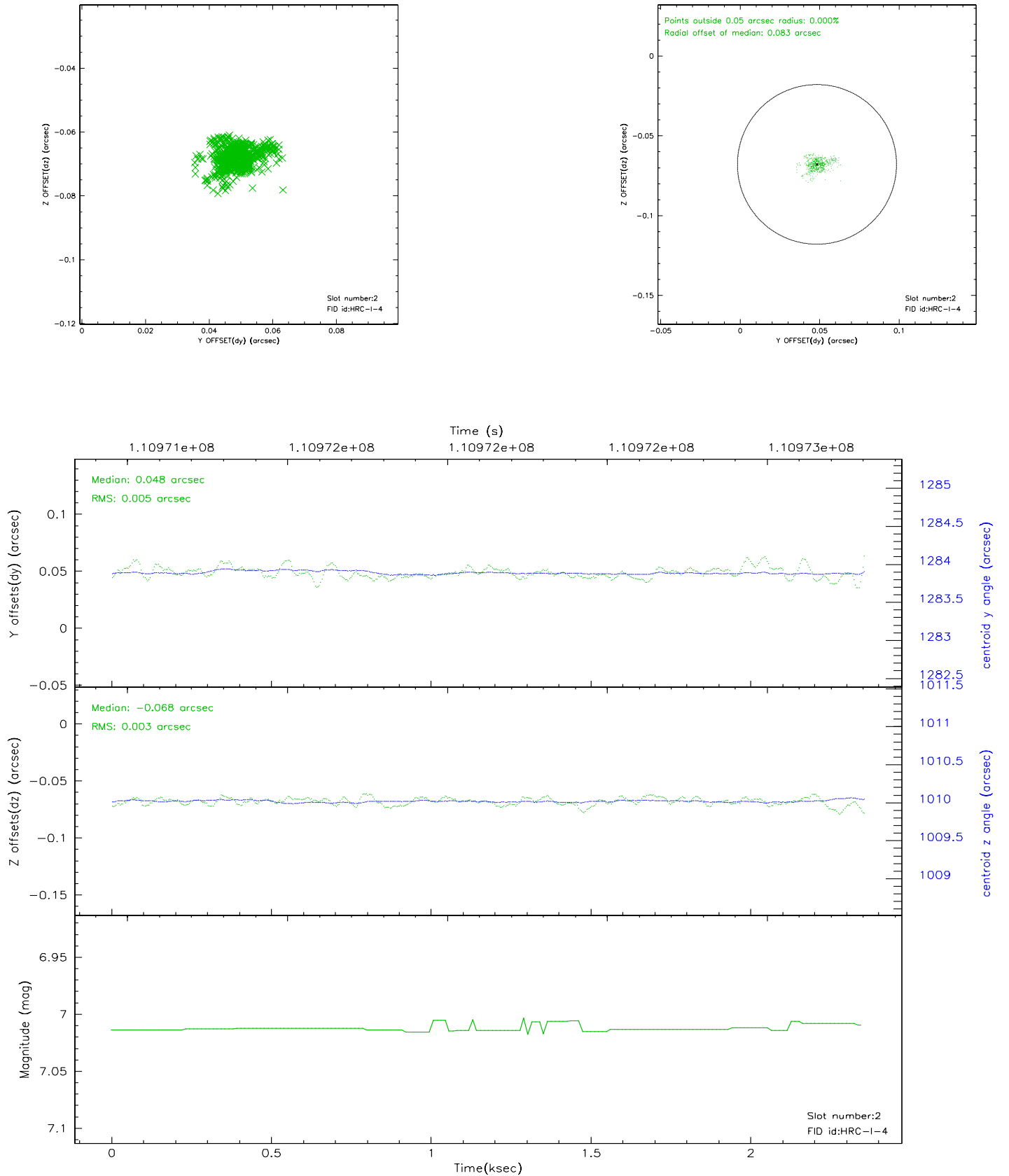
2.5.1 Slot 0



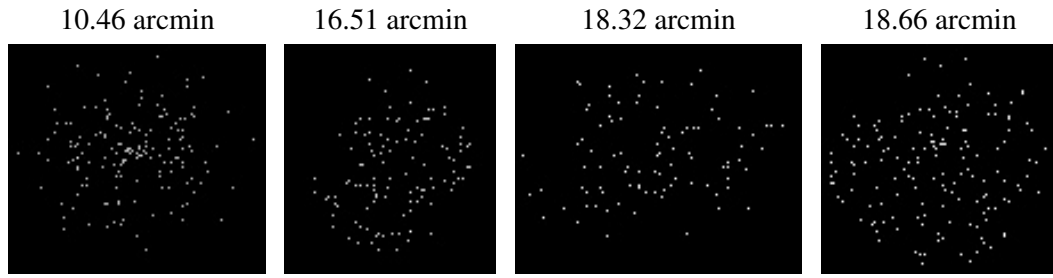
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.4

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.