

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2903 - L2 Version 3
Chandra X-Ray Center

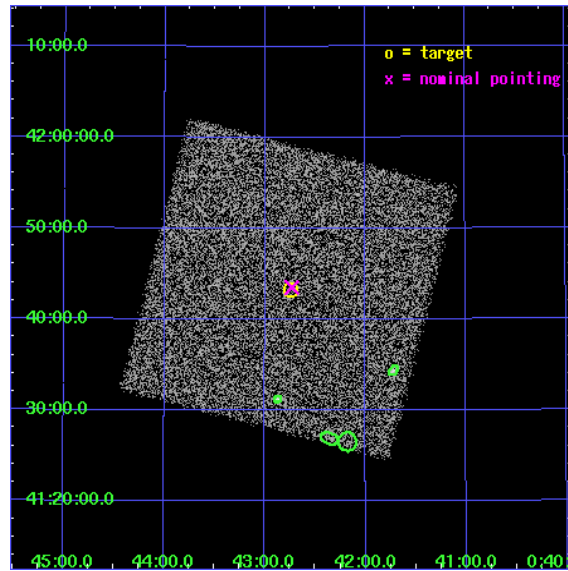
L2 Processing Date : Nov 20 2007

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1 Front

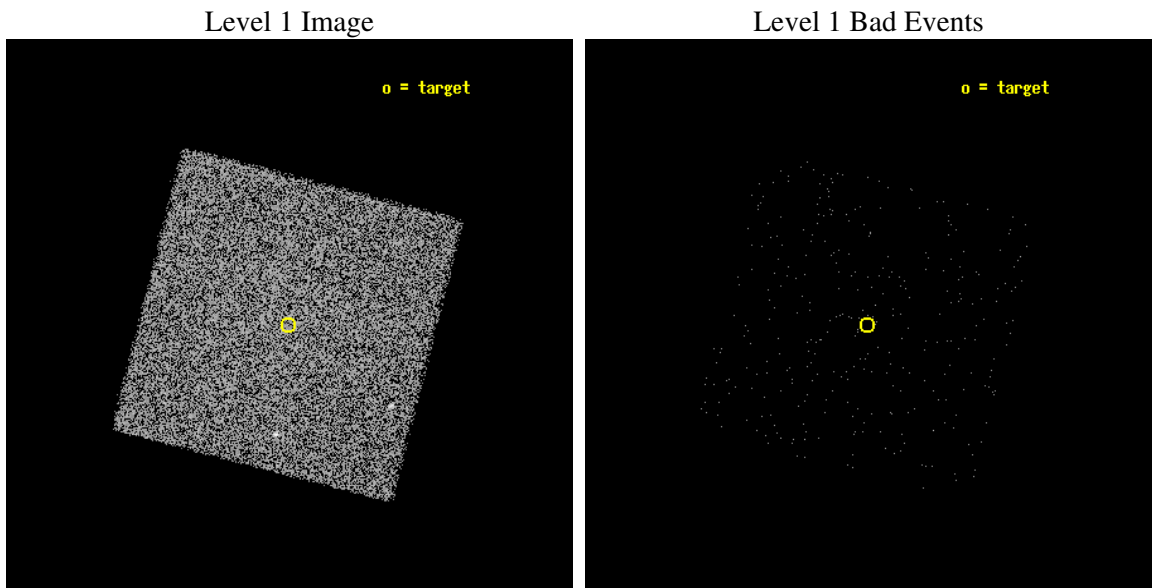
seq_num	600240
obs_id	2903
title	SEARCHING FOR X-RAY TRANSIENTS IN M31 WITH CHANDRA AND HST
observer	Dr. MICHAEL GARCIA
object	M31-CORE
ra_targ	10.685
dec_targ	41.721
ra_nom	10.682602702914
dec_nom	41.725122147744
roll_nom	149.39440163656
revision	3
ontime	1194.125047192
livetime	1187.7561505638
l2events	33739



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	2007-11-20T19:21:06
revision	3

sched_exp_time	1000.000000
ontime	1194.125047192
l1events	63323

2.1.3 Events

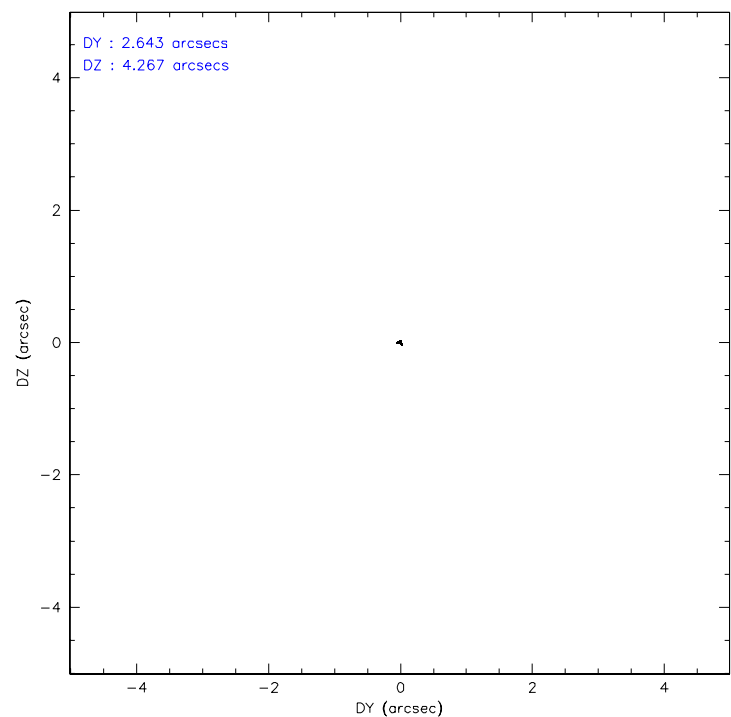
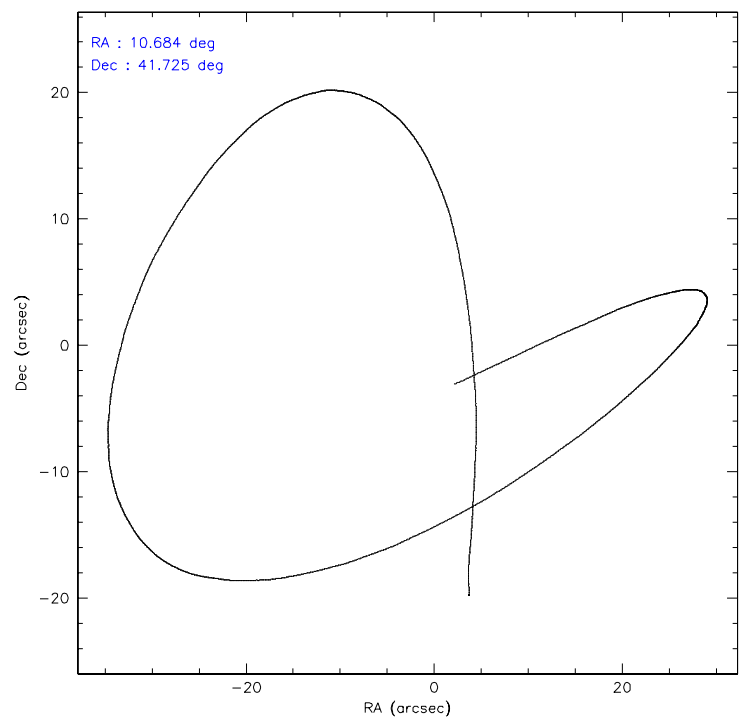
Level 1 Events

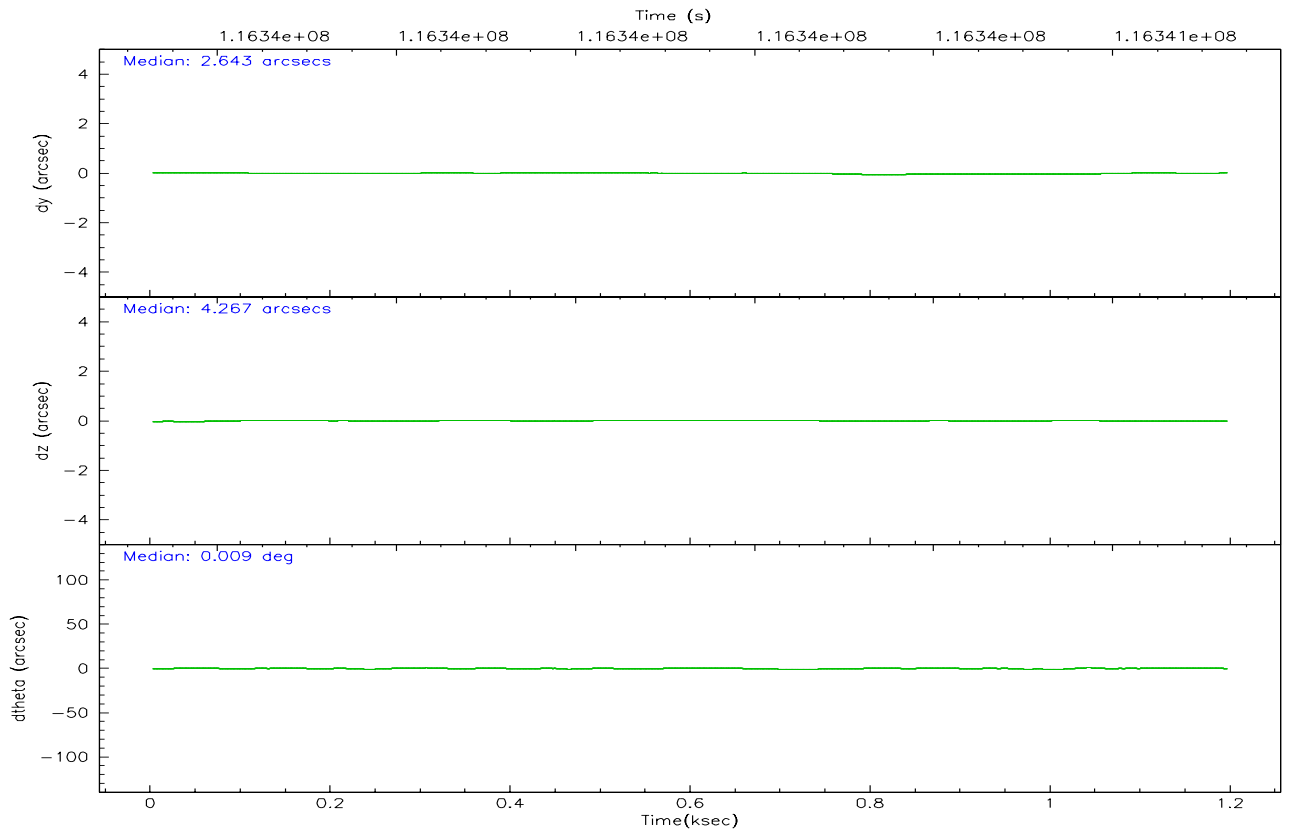
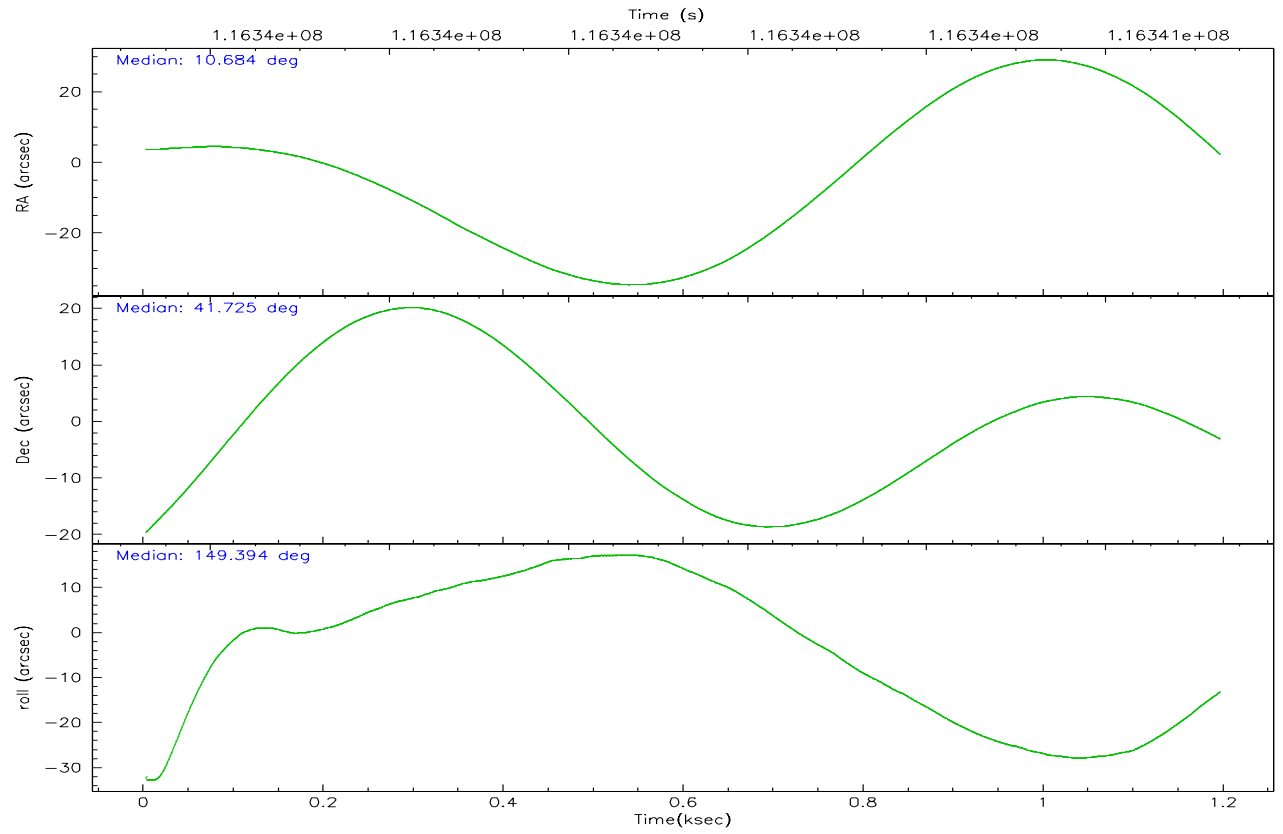
	segment 0
level 1 events	63323
rejected events	13040
rejected %	20%

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	10.717974	10.68260270291416			
Pointing Dec	41.724674	41.72512214774384			
Pointing Roll	149.466357	149.3944016365578			
Window start time	117072064.184000	117072064.184000			
Window stop time	117676864.184000	117676864.184000			
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	116339725.184000	116339349.11782			
Observation start date	2001-09-08T12:34:21	2001-09-08T12:29:09			
Observation end time	116340725.184000	116340859.96788			
Observation end date	2001-09-08T12:51:01	2001-09-08T12:54:19			

2.3 Aspect



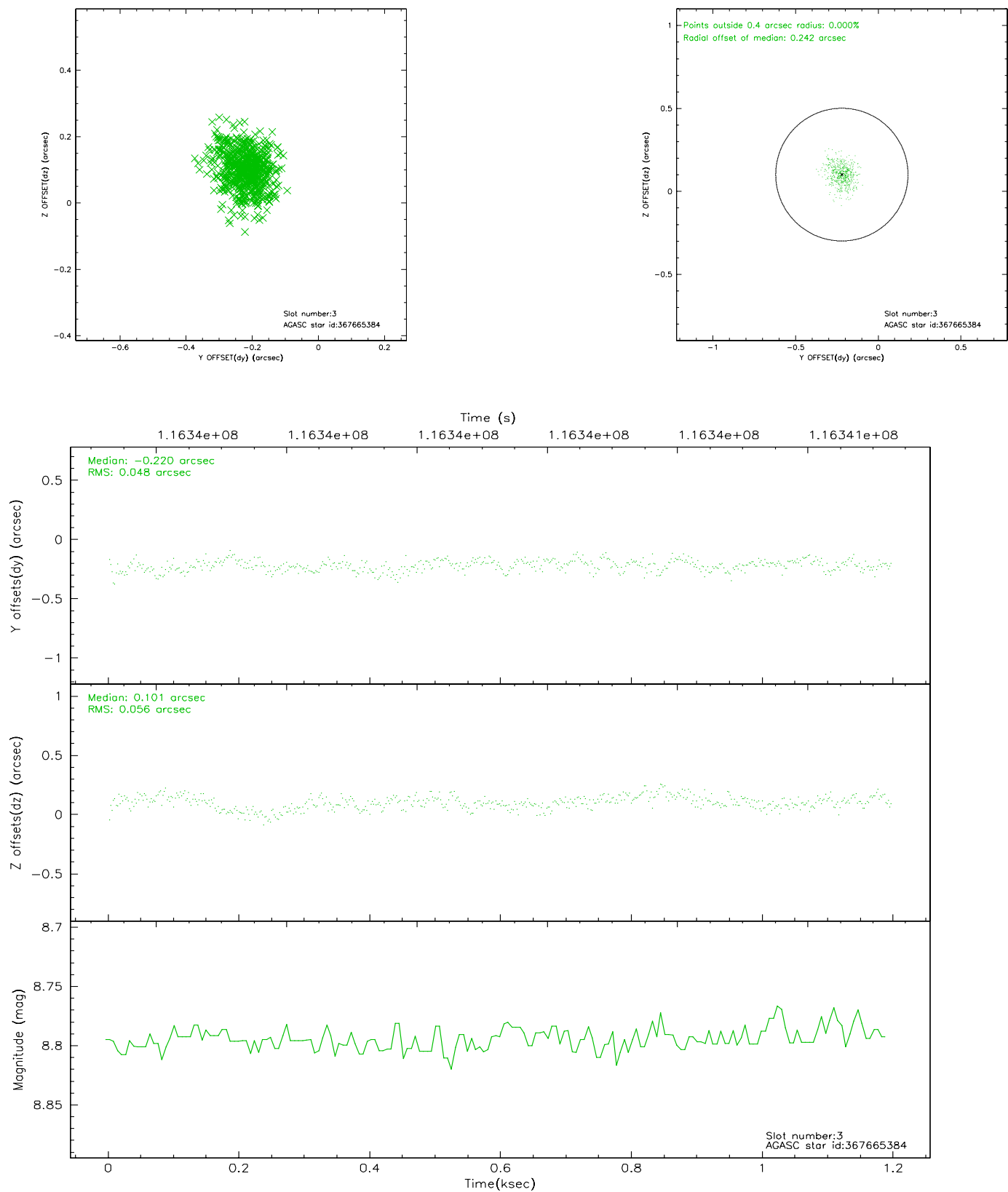


Slot Statistics

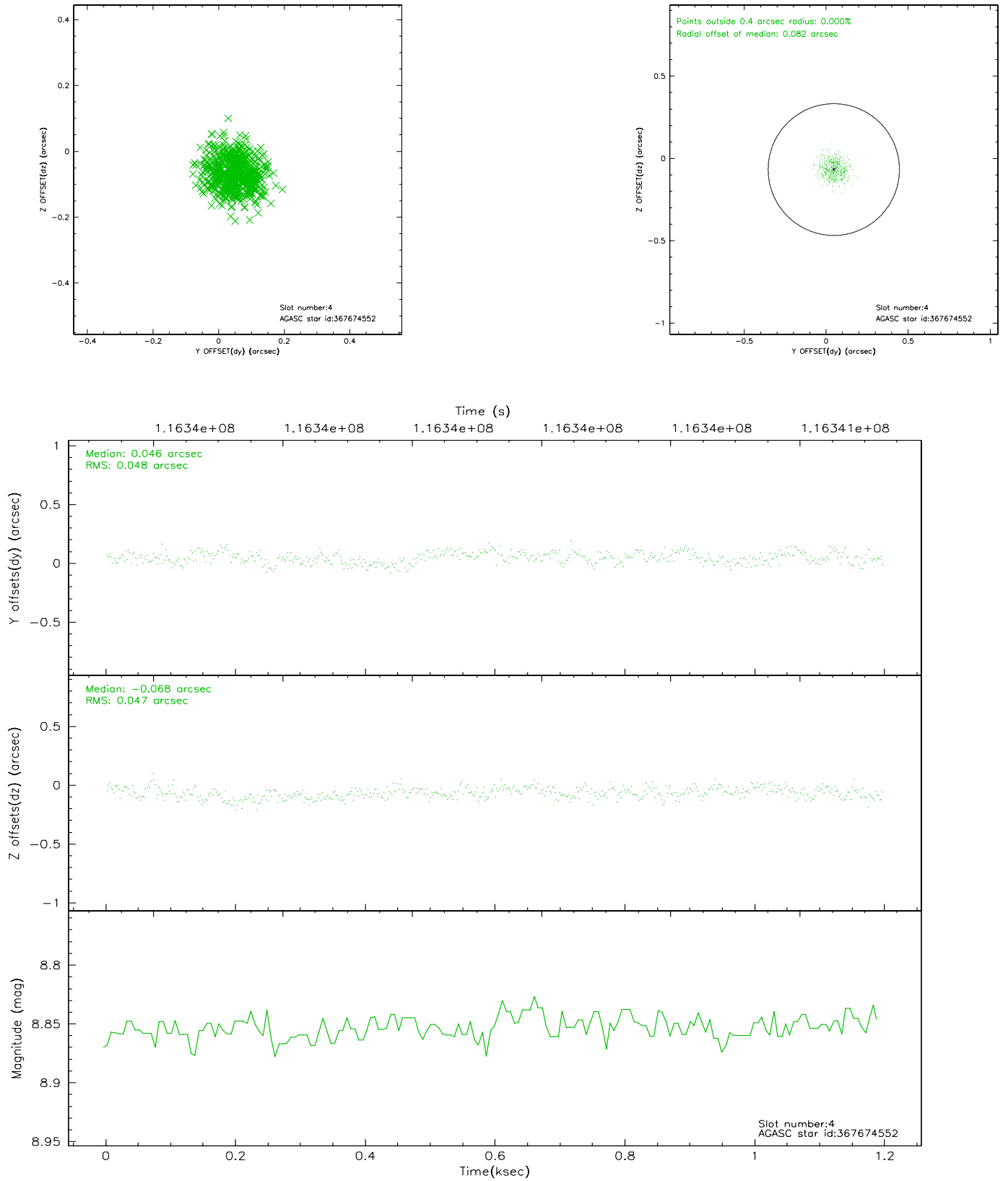
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	292	0.023	0.065	0.006	0.010	0.000000	0.000000	-758.08	-1292.02
1	FID	HRC-I-2	7.02	292	0.073	-0.070	0.005	0.008	0.000000	0.000000	852.00	-1298.15
2	FID	HRC-I-3	7.06	292	0.023	-0.084	0.006	0.011	0.000000	0.000000	-1183.65	1007.95
3	GUIDE	367665384	8.79	584	-0.220	0.101	0.078	0.129	10.414363	42.275730	1707.78	-1295.07
4	GUIDE	367674552	8.85	584	0.046	-0.068	0.072	0.111	11.016238	41.570845	-966.84	69.27
5	GUIDE	367657896	9.02	584	0.141	-0.063	0.081	0.127	11.197765	41.313576	-1866.26	616.44
6	GUIDE	367671800	9.40	584	0.024	0.070	0.078	0.121	10.554735	41.964935	815.62	-518.34
7	GUIDE	367665472	9.48	583	0.003	-0.055	0.095	0.303	10.241611	41.730843	1119.57	631.01

2.4 Star Slots

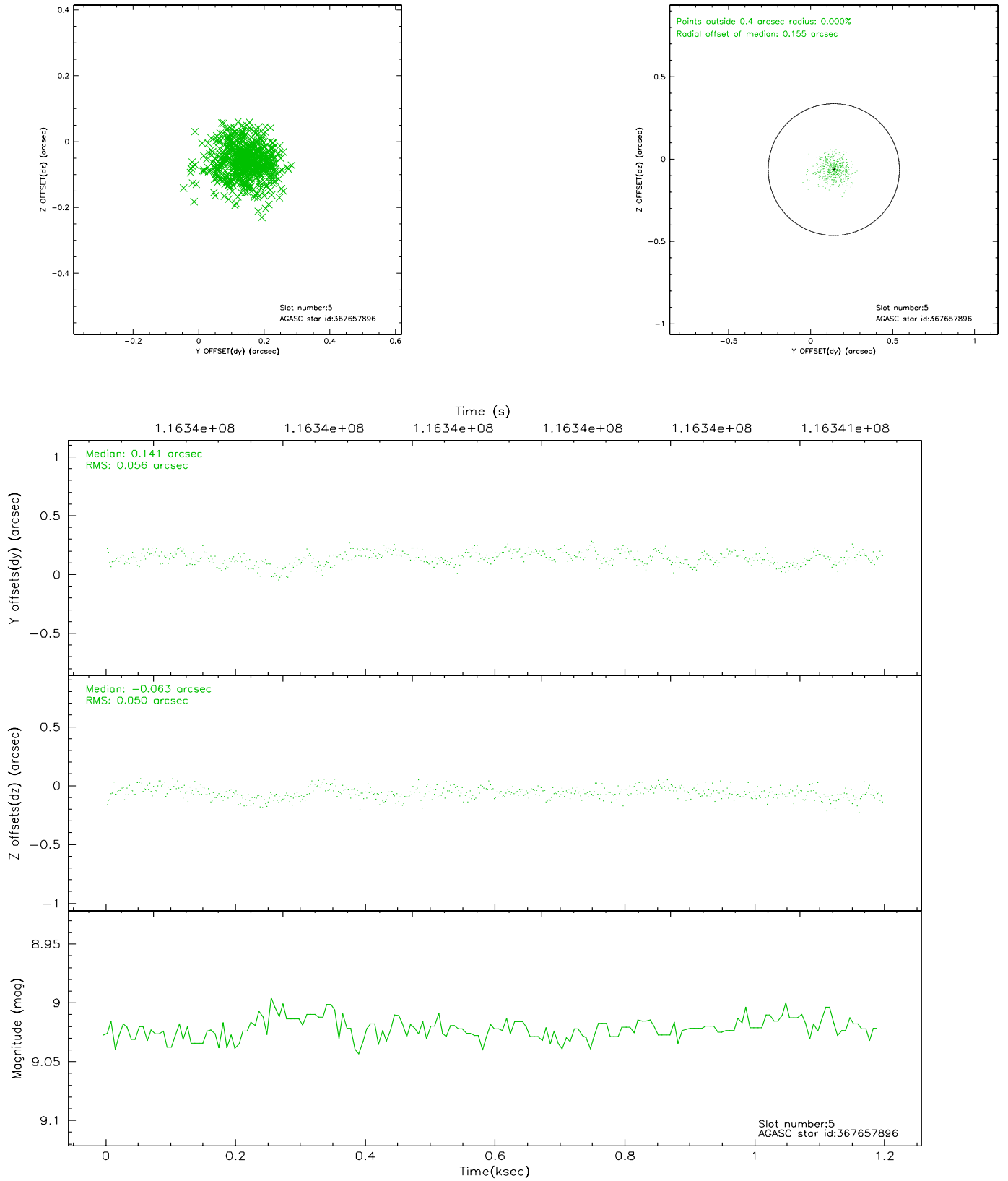
2.4.1 Slot 3



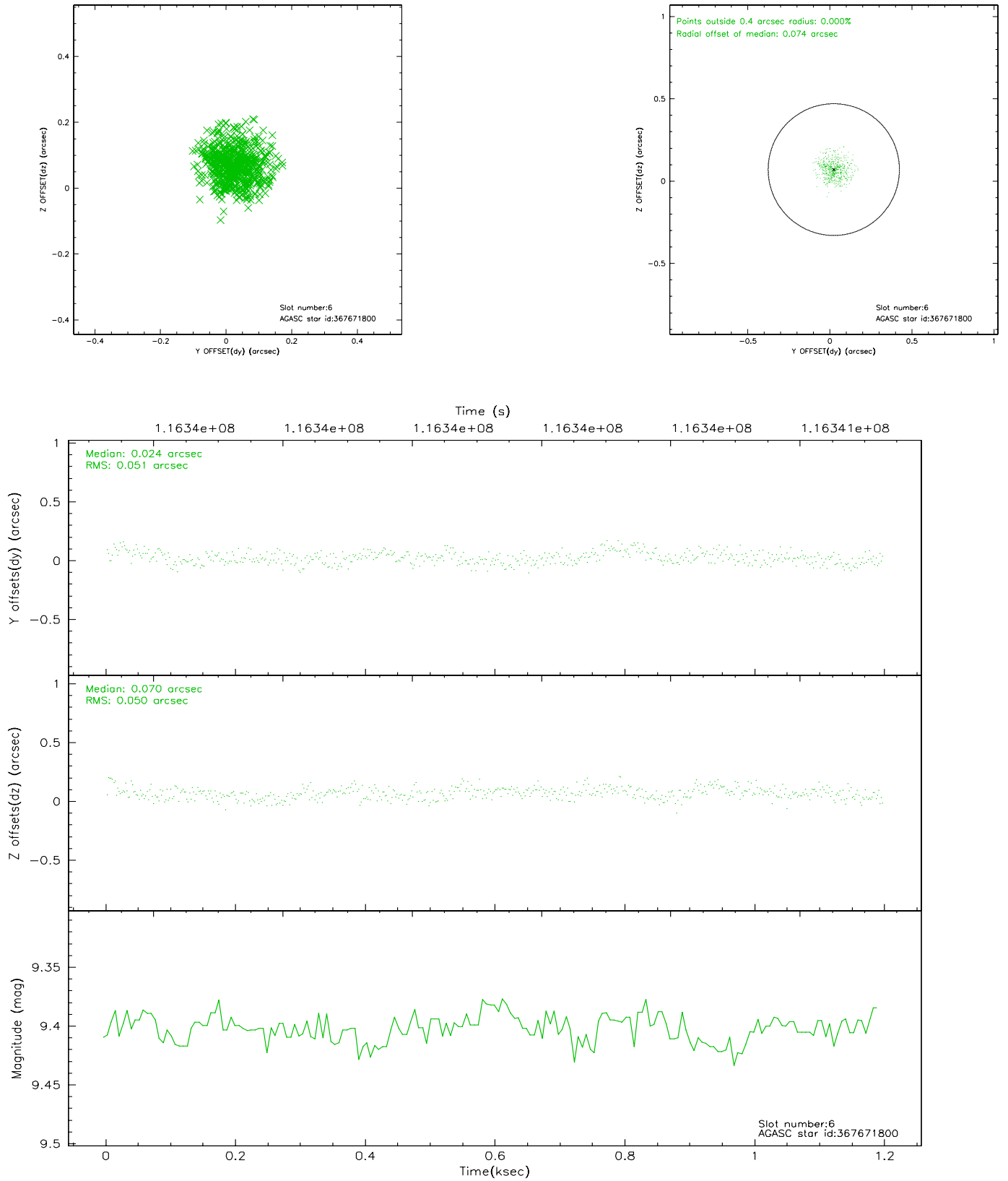
2.4.2 Slot 4



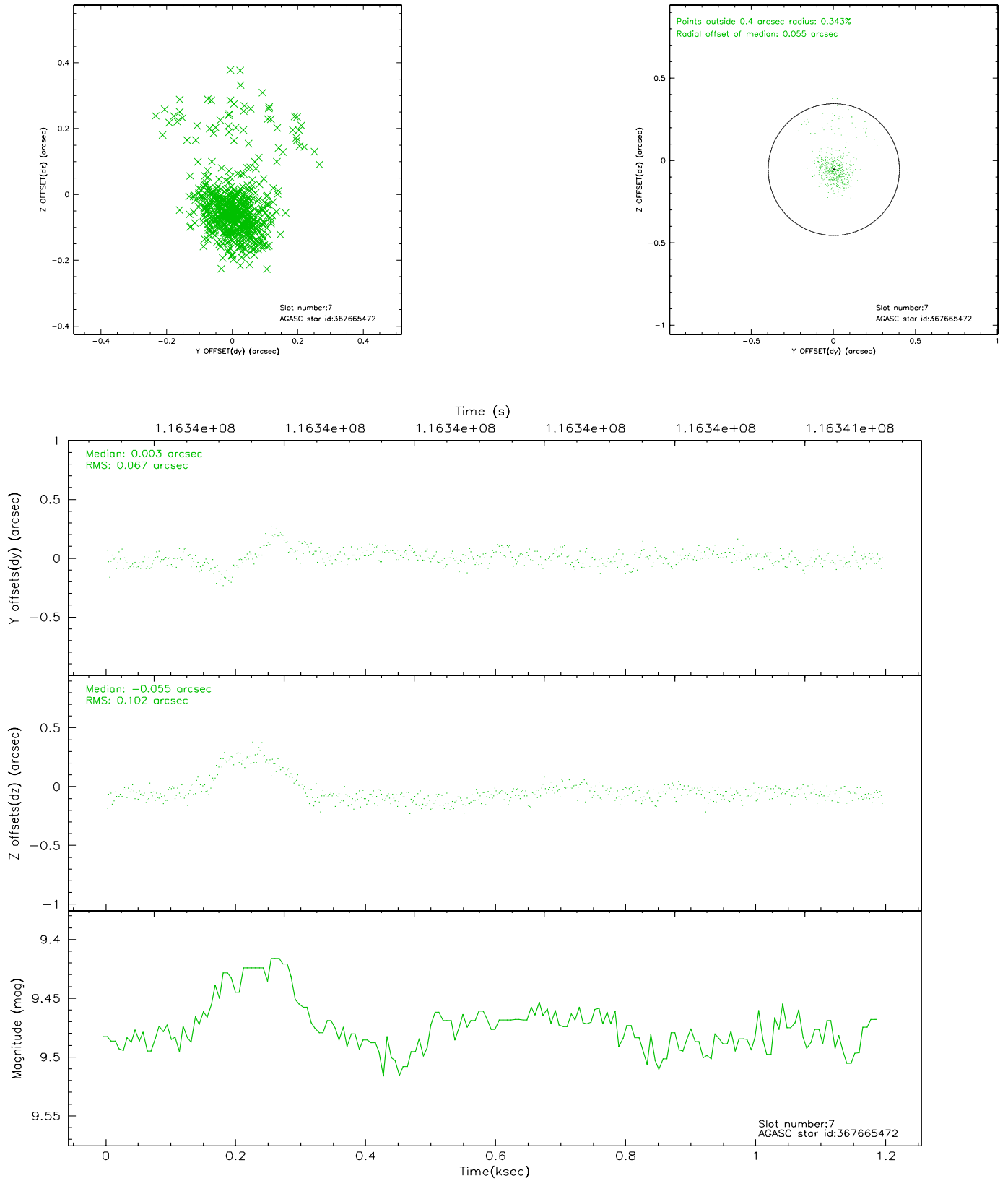
2.4.3 Slot 5



2.4.4 Slot 6

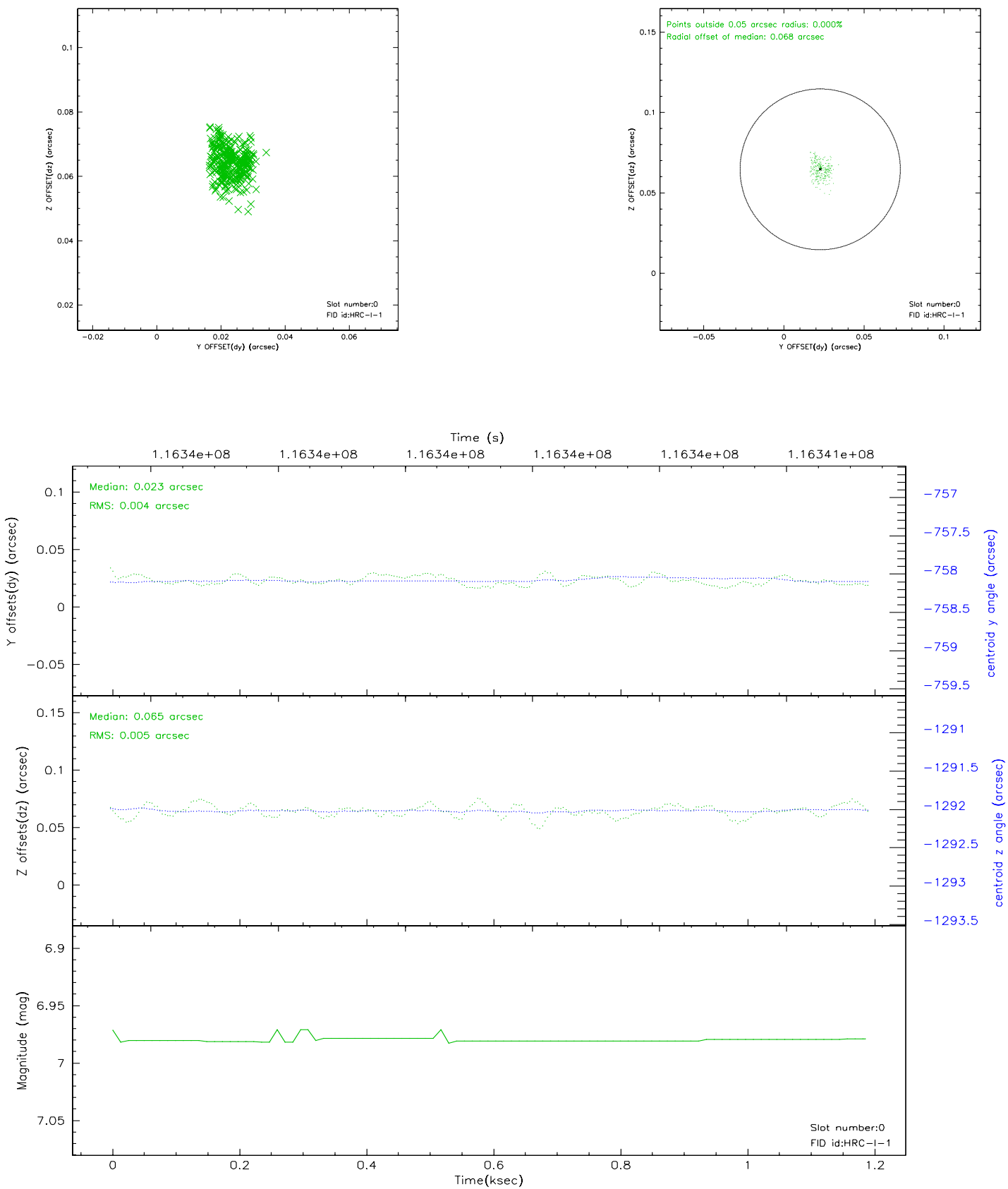


2.4.5 Slot 7

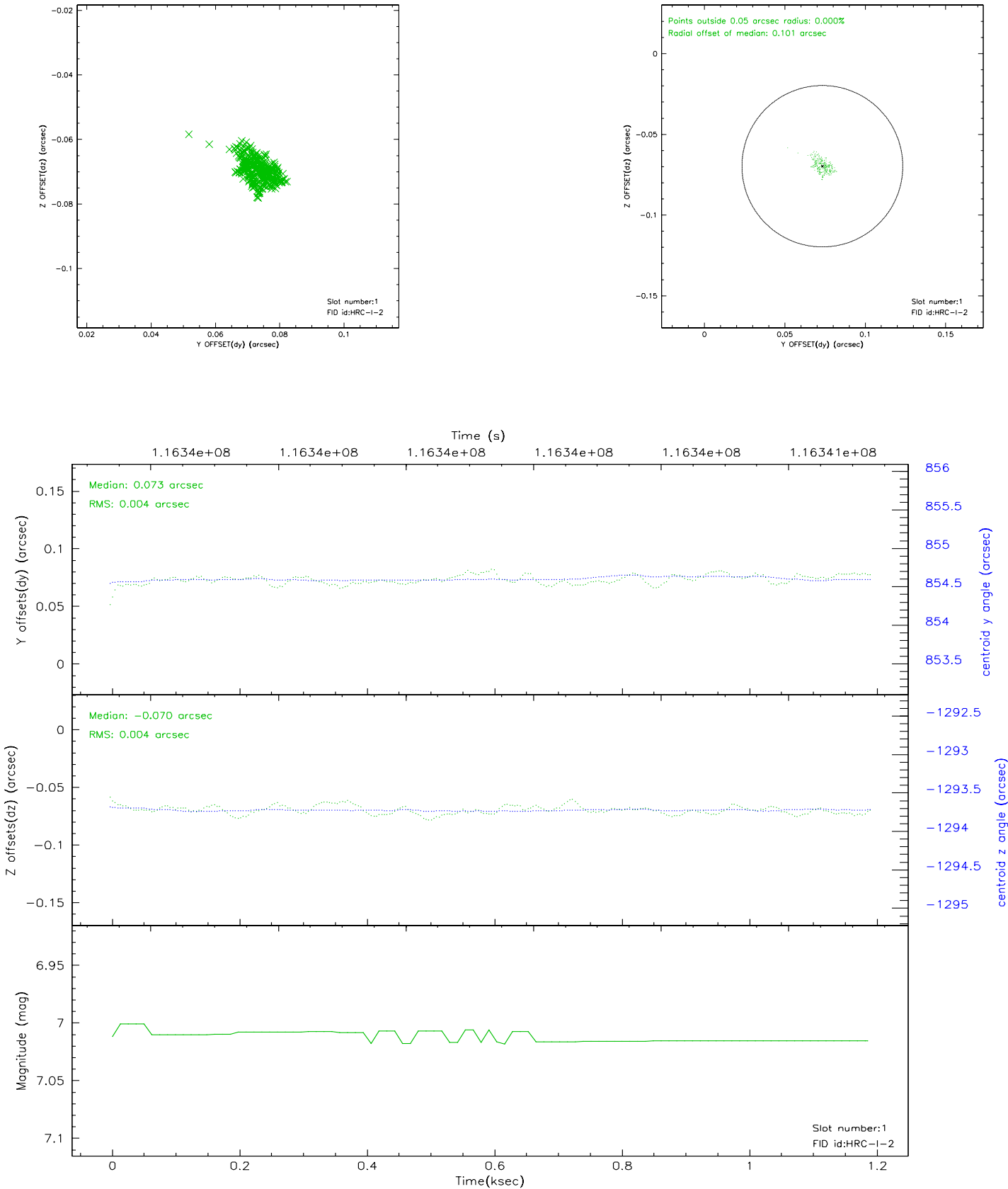


2.5 FID Slots

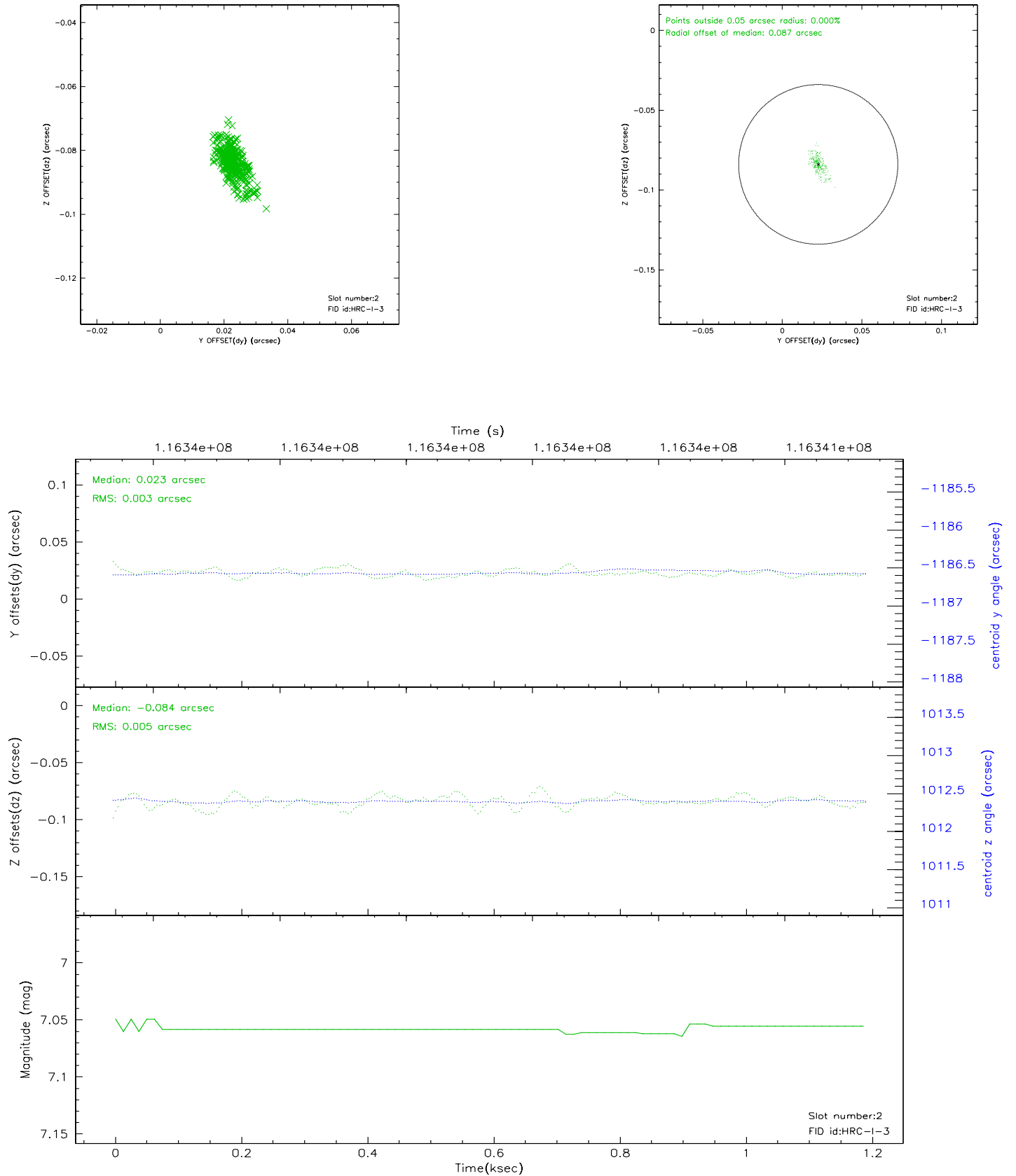
2.5.1 Slot 0



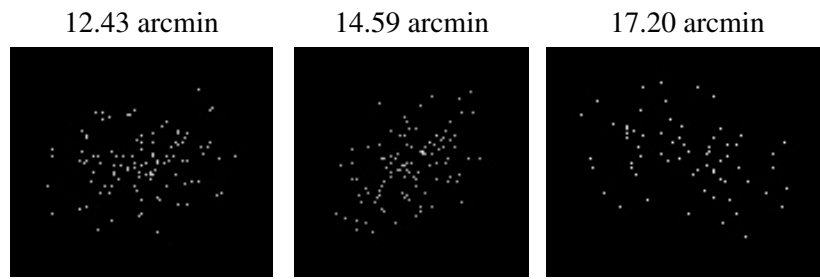
2.5.2 Slot 1



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	1.194

A.2 Comments

Window constraint not met.

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.