

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2912 - L2 Version 3
Chandra X-Ray Center

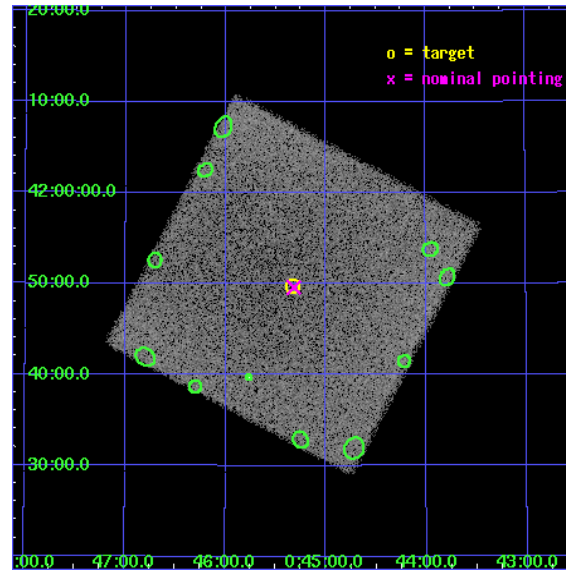
L2 Processing Date : Nov 20 2007

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1 Front

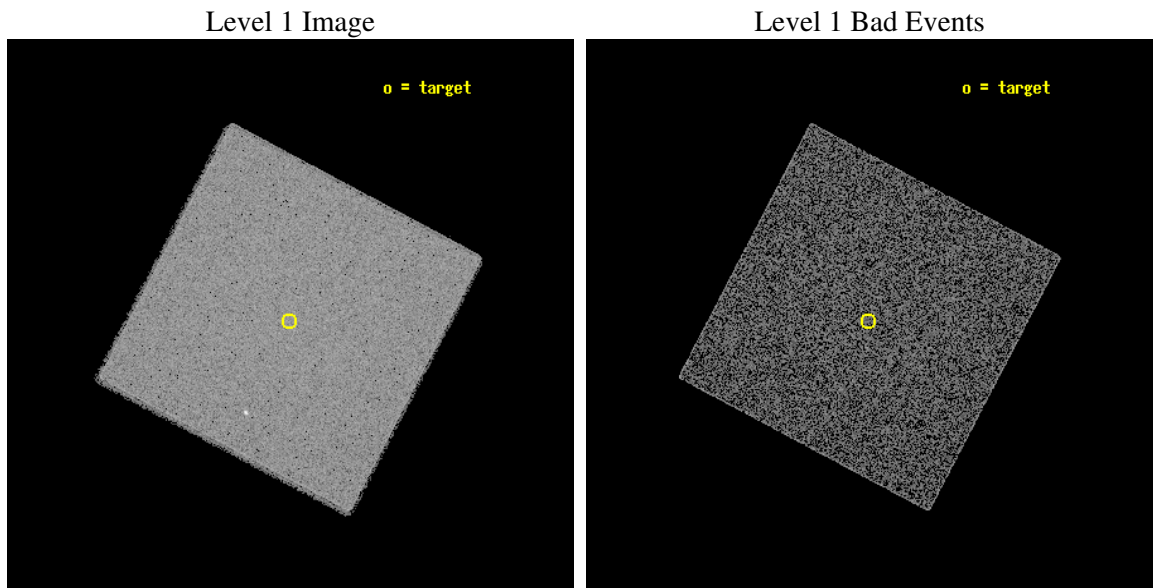
seq_num	600249
obs_id	2912
title	SEARCHING FOR X-RAY TRANSIENTS IN M31 WITH CHANDRA AND HST
observer	Dr. MICHAEL GARCIA
object	M31-N2
ra_targ	11.332917
dec_targ	41.83
ra_nom	11.329549590918
dec_nom	41.827128516039
roll_nom	252.79084032205
revision	3
ontime	1186.1812974215
livetime	1168.6101187375
l2events	110563



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	2007-11-20T21:00:56
revision	3

sched_exp_time	1000.000000
ontime	1186.1812974215
l1events	339741

2.1.3 Events

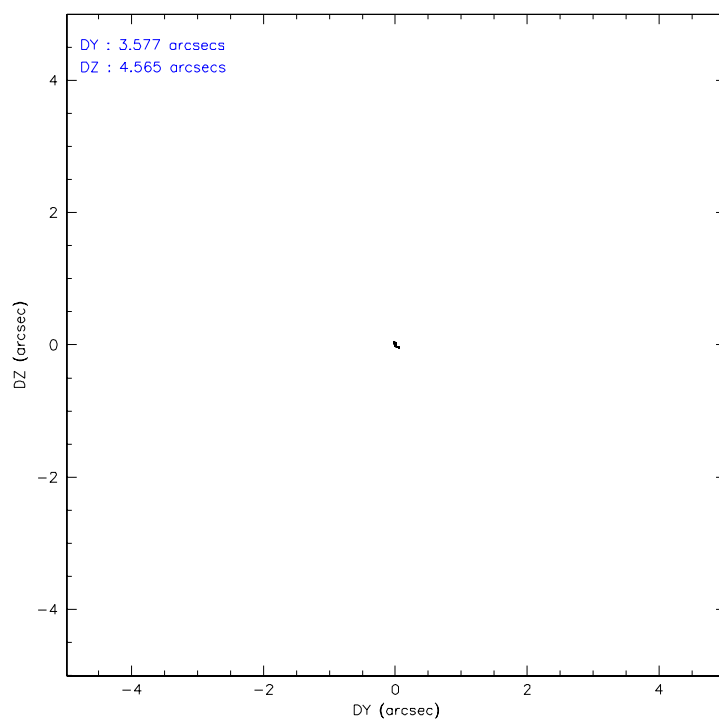
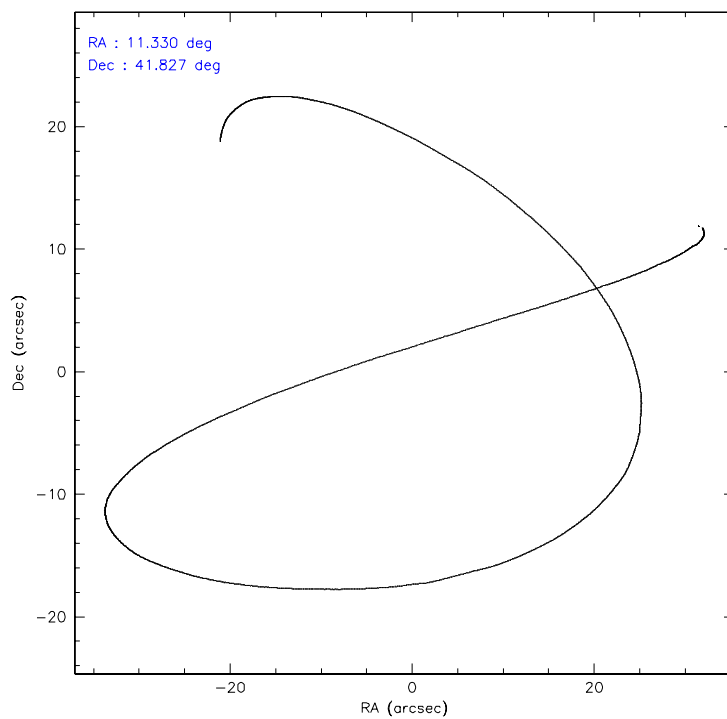
Level 1 Events

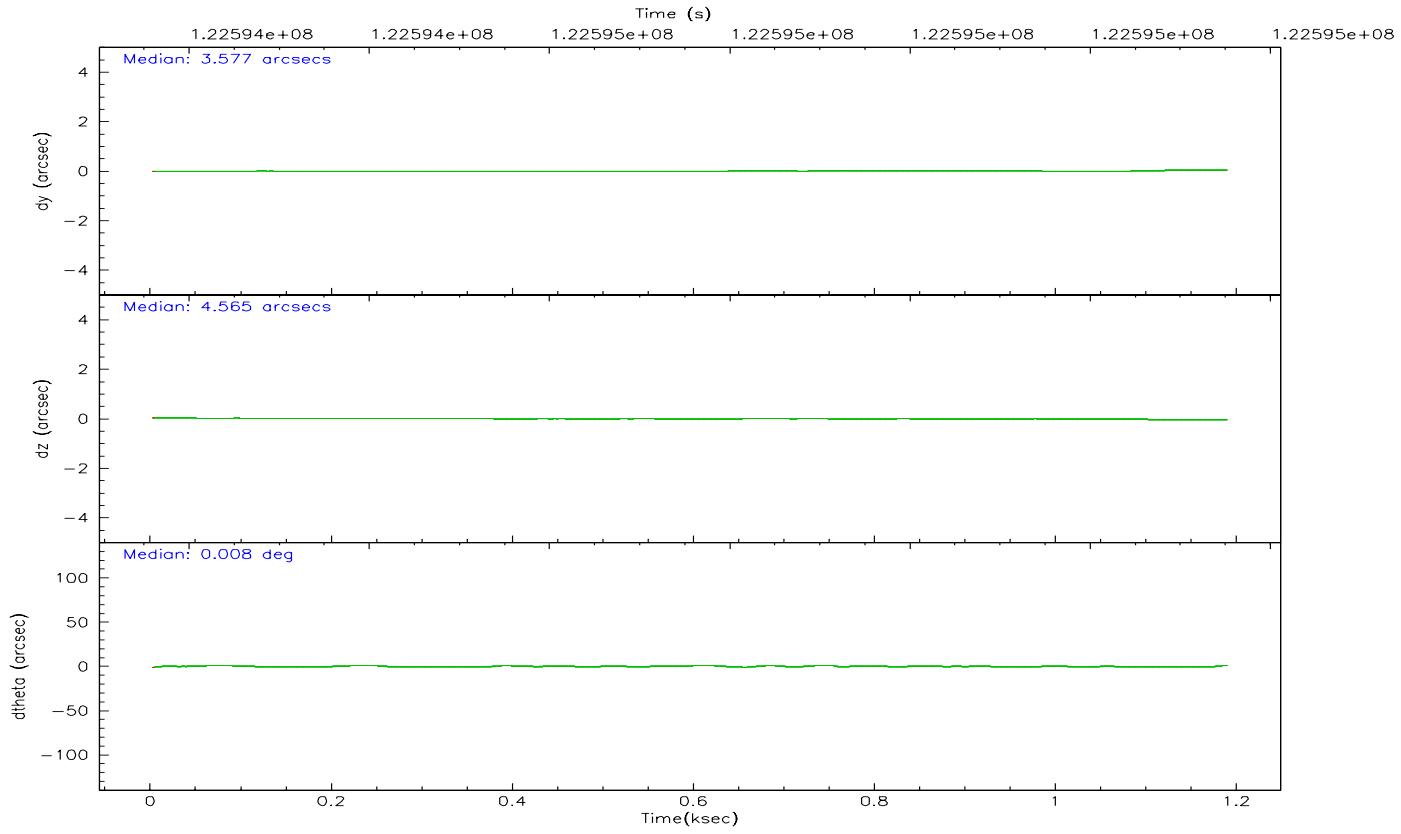
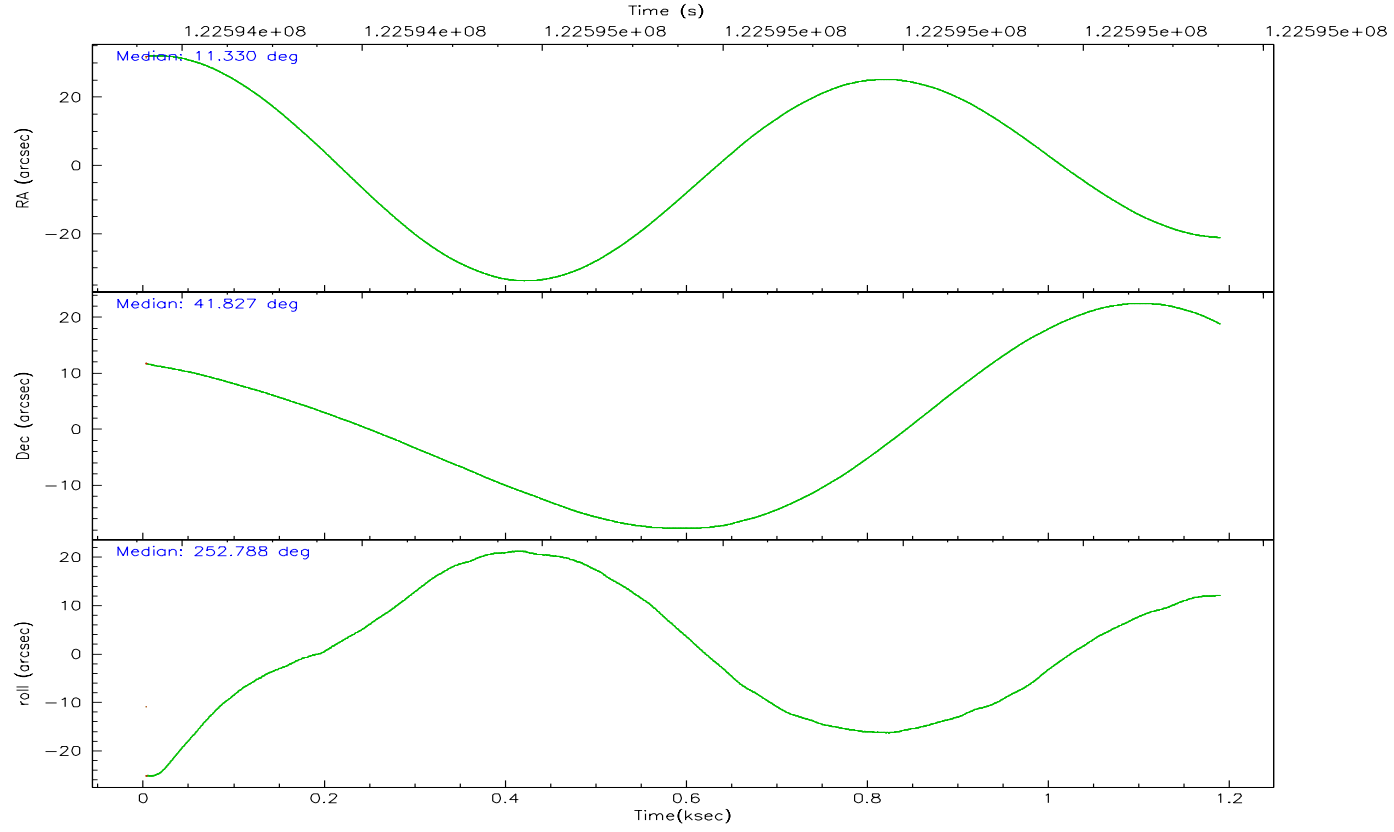
	segment 0
level 1 events	339741
rejected events	159308
rejected %	46%

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	11.320454	11.3295495909183			
Pointing Dec	41.853084	41.82712851603852			
Pointing Roll	252.892424	252.7908403220465			
Window start time	122515264.184000	122515264.184000			
Window stop time	123120064.184000	123120064.184000			
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	122594351.184000	122593975.21621			
Observation start date	2001-11-19T21:58:07	2001-11-19T21:52:55			
Observation end time	122595351.184000	122596160.00379			
Observation end date	2001-11-19T22:14:47	2001-11-19T22:29:20			

2.3 Aspect



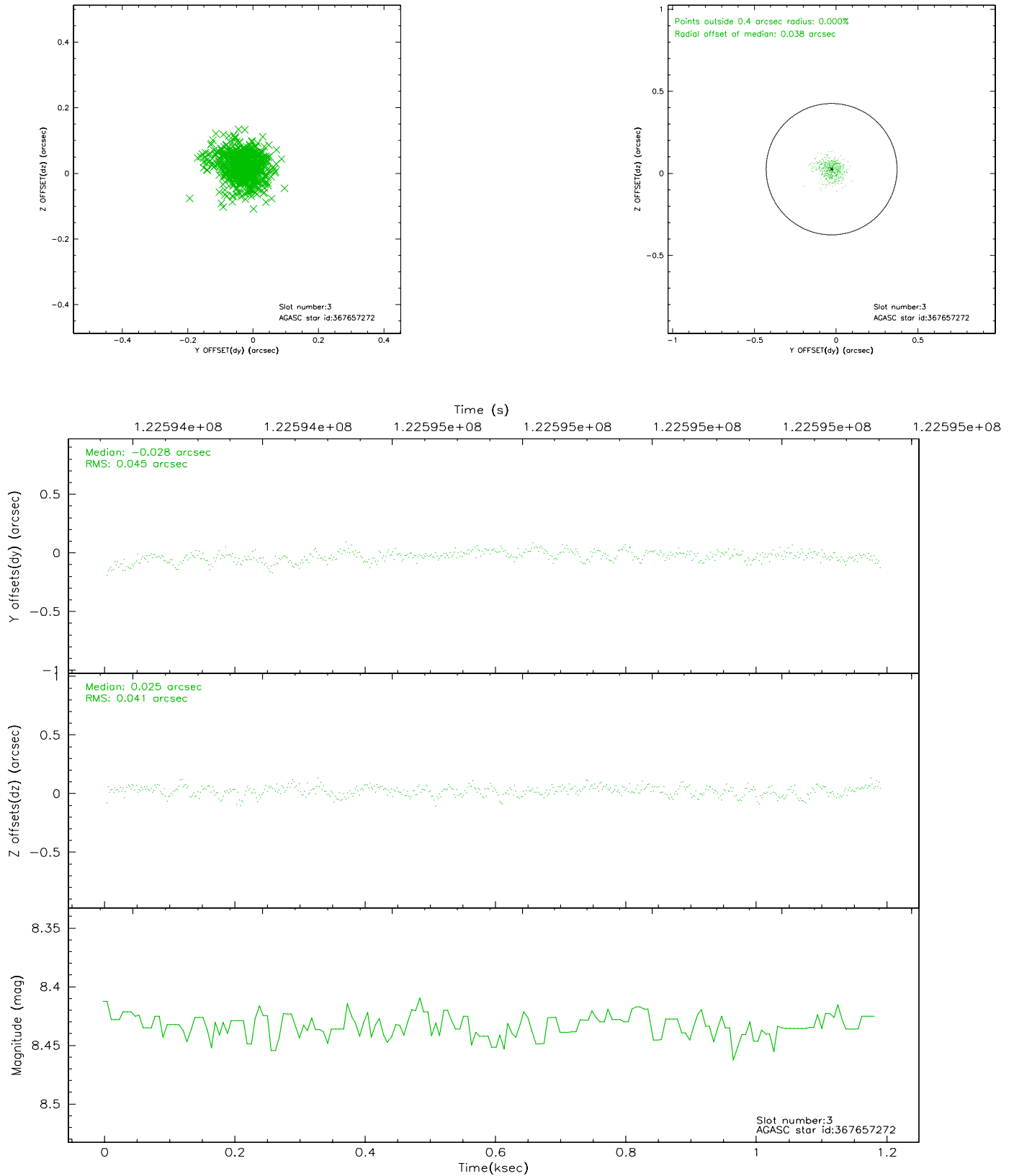


Slot Statistics

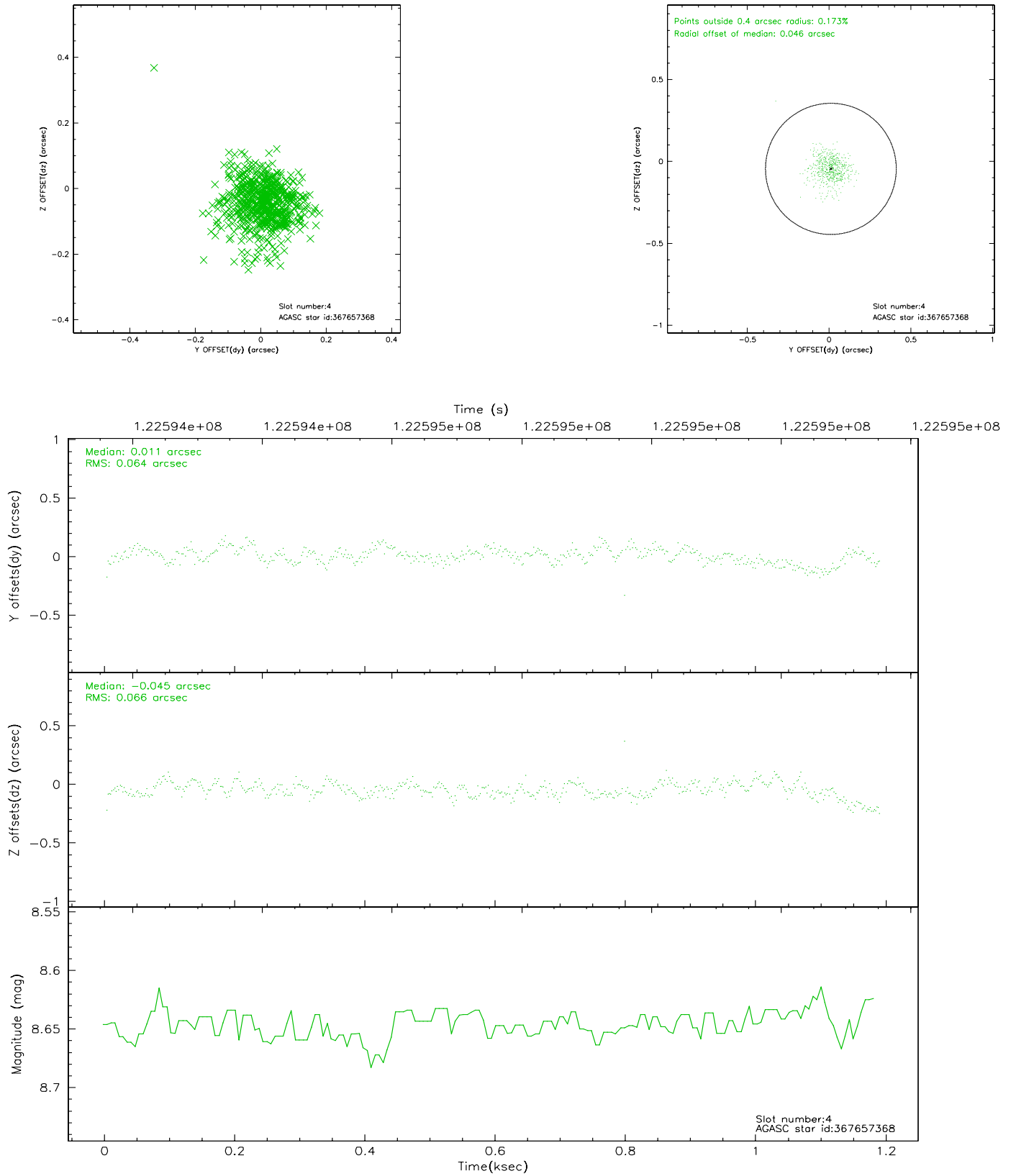
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	290	0.018	0.080	0.007	0.010	0.000000	0.000000	-759.03	-1292.28
1	FID	HRC-I-2	7.00	290	0.079	-0.072	0.005	0.009	0.000000	0.000000	851.04	-1298.43
2	FID	HRC-I-3	7.05	290	0.023	-0.097	0.005	0.012	0.000000	0.000000	-1184.62	1007.63
3	GUIDE	367657272	8.43	579	-0.028	0.025	0.064	0.109	11.834471	41.298907	1496.07	1914.16
4	GUIDE	367657368	8.65	579	0.011	-0.045	0.093	0.161	11.928227	41.287266	1462.50	2171.88
5	GUIDE	367146616	8.87	580	0.087	0.068	0.075	0.118	11.418645	41.190163	2207.42	959.83
6	GUIDE	367666680	9.45	580	-0.036	0.038	0.102	0.168	10.696106	42.572173	-1986.91	-2344.17
7	GUIDE	367668808	9.69	579	-0.033	-0.064	0.096	0.170	10.811090	42.652250	-2357.94	-2141.25

2.4 Star Slots

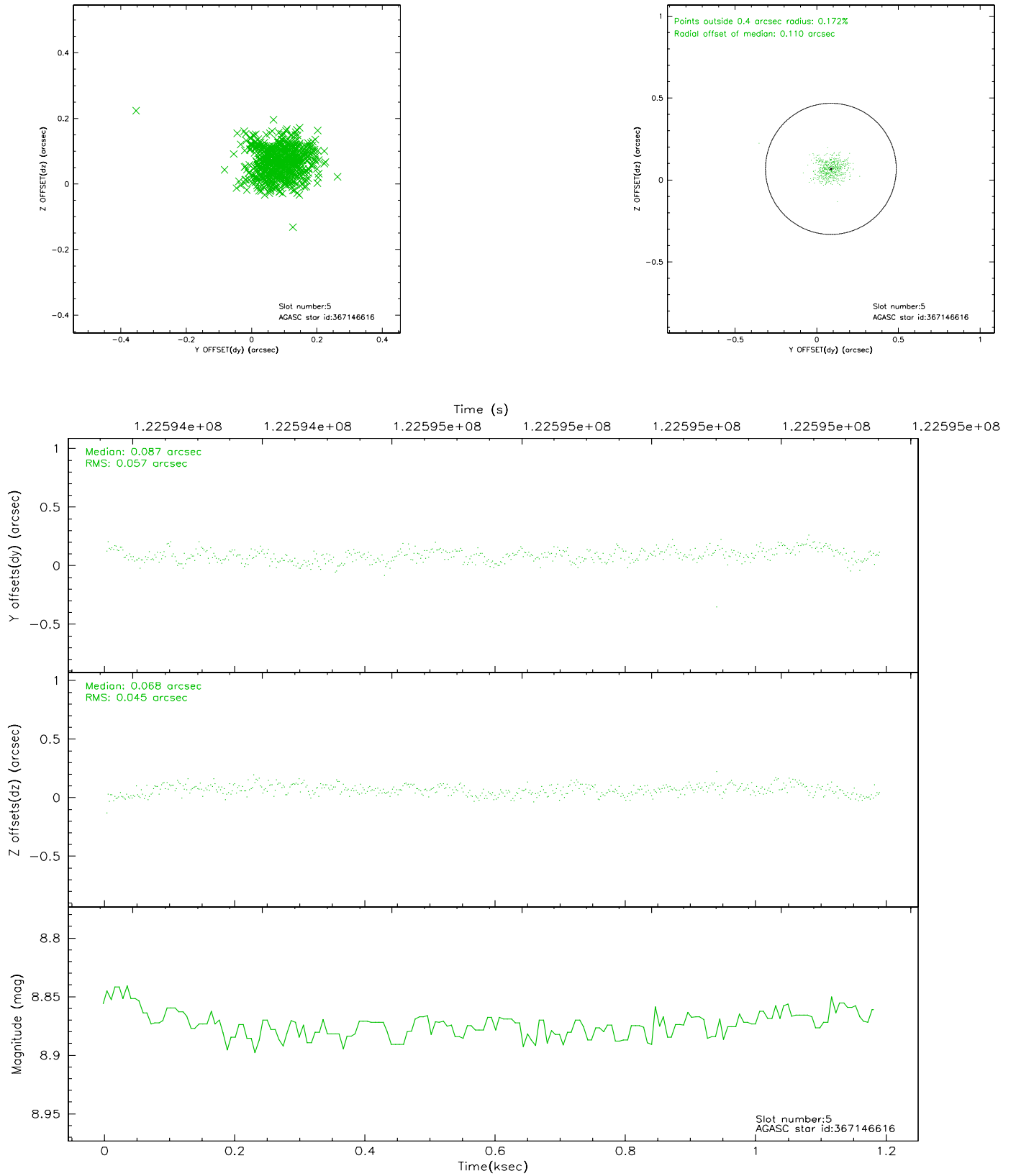
2.4.1 Slot 3



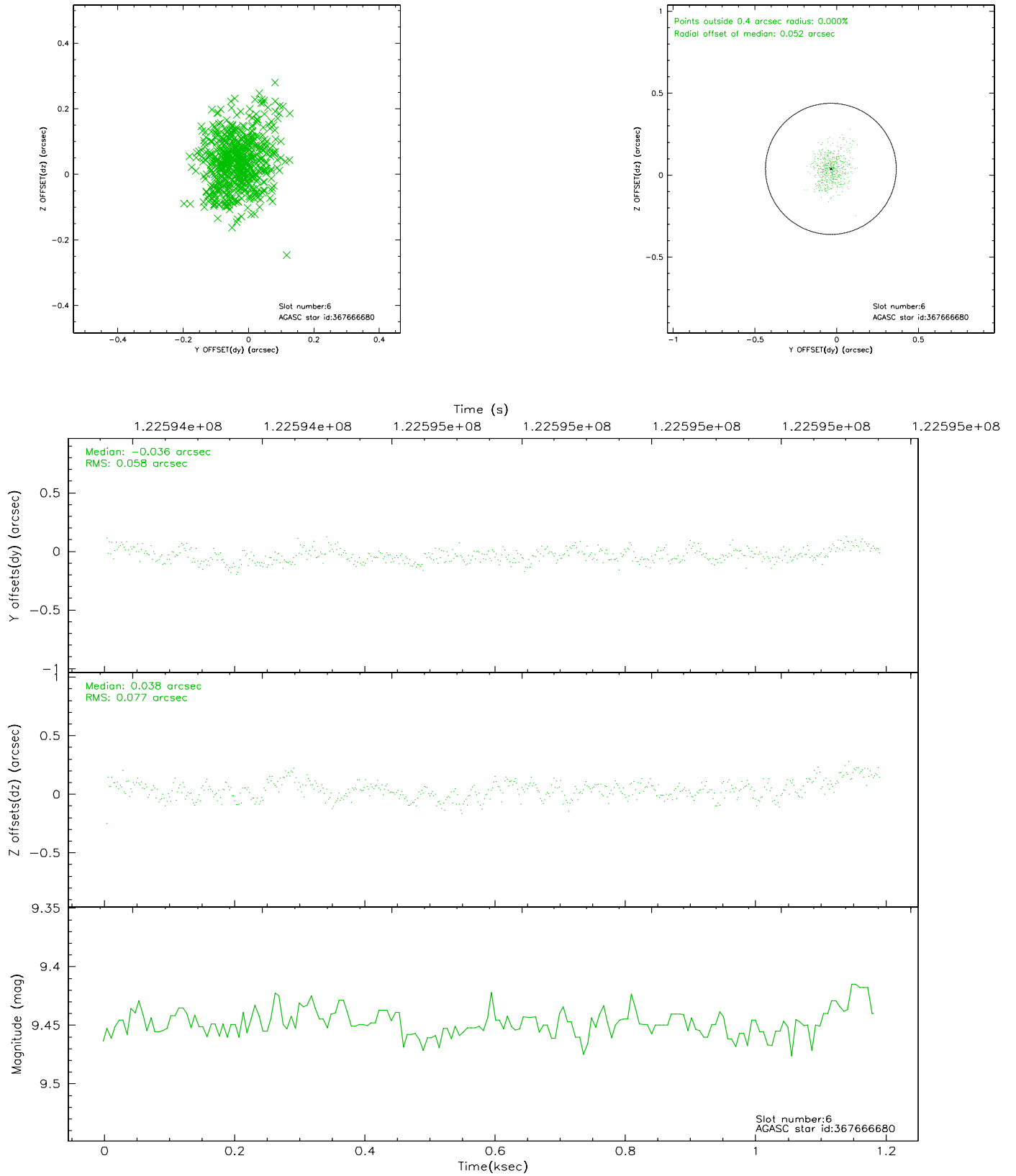
2.4.2 Slot 4



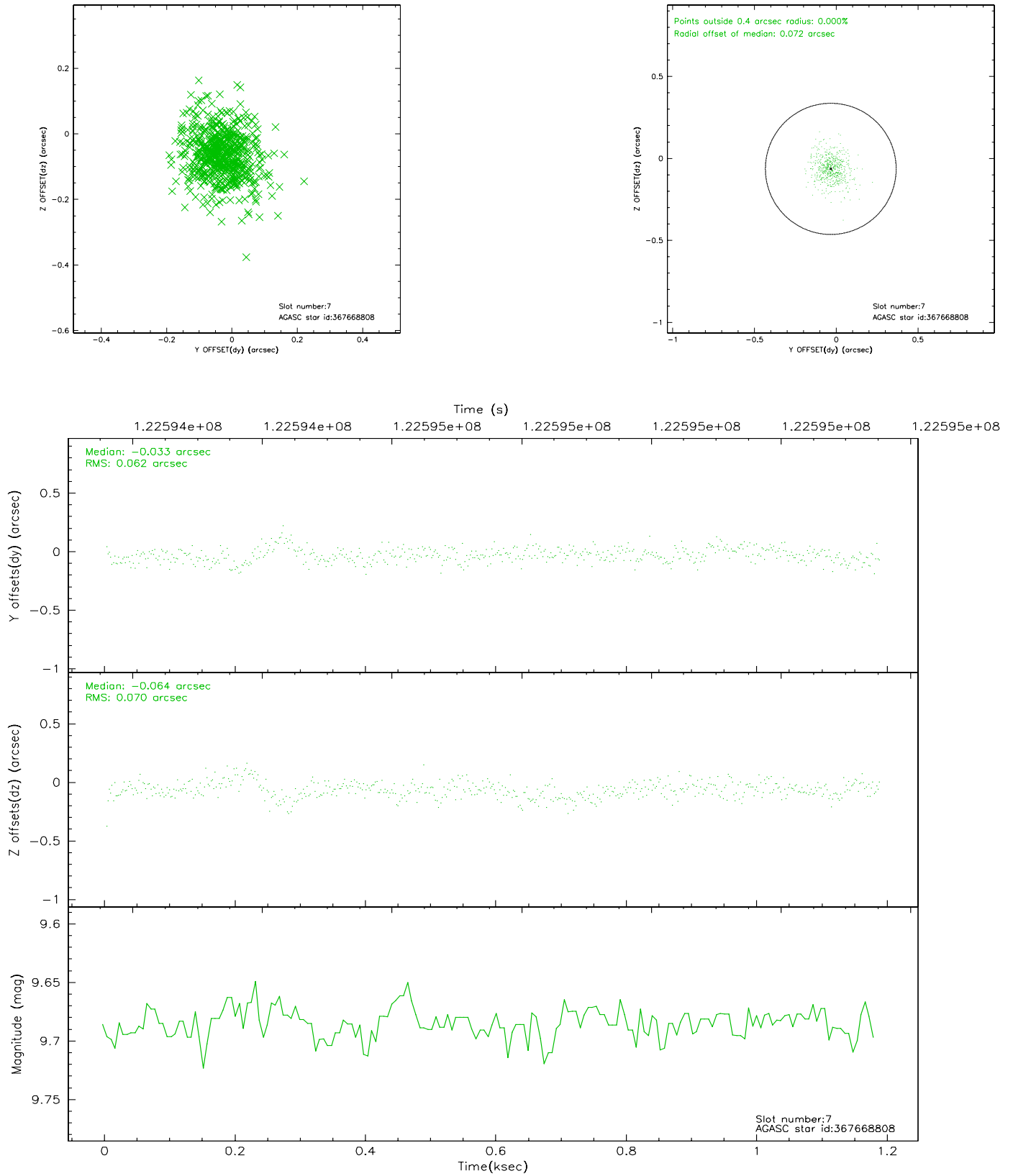
2.4.3 Slot 5



2.4.4 Slot 6

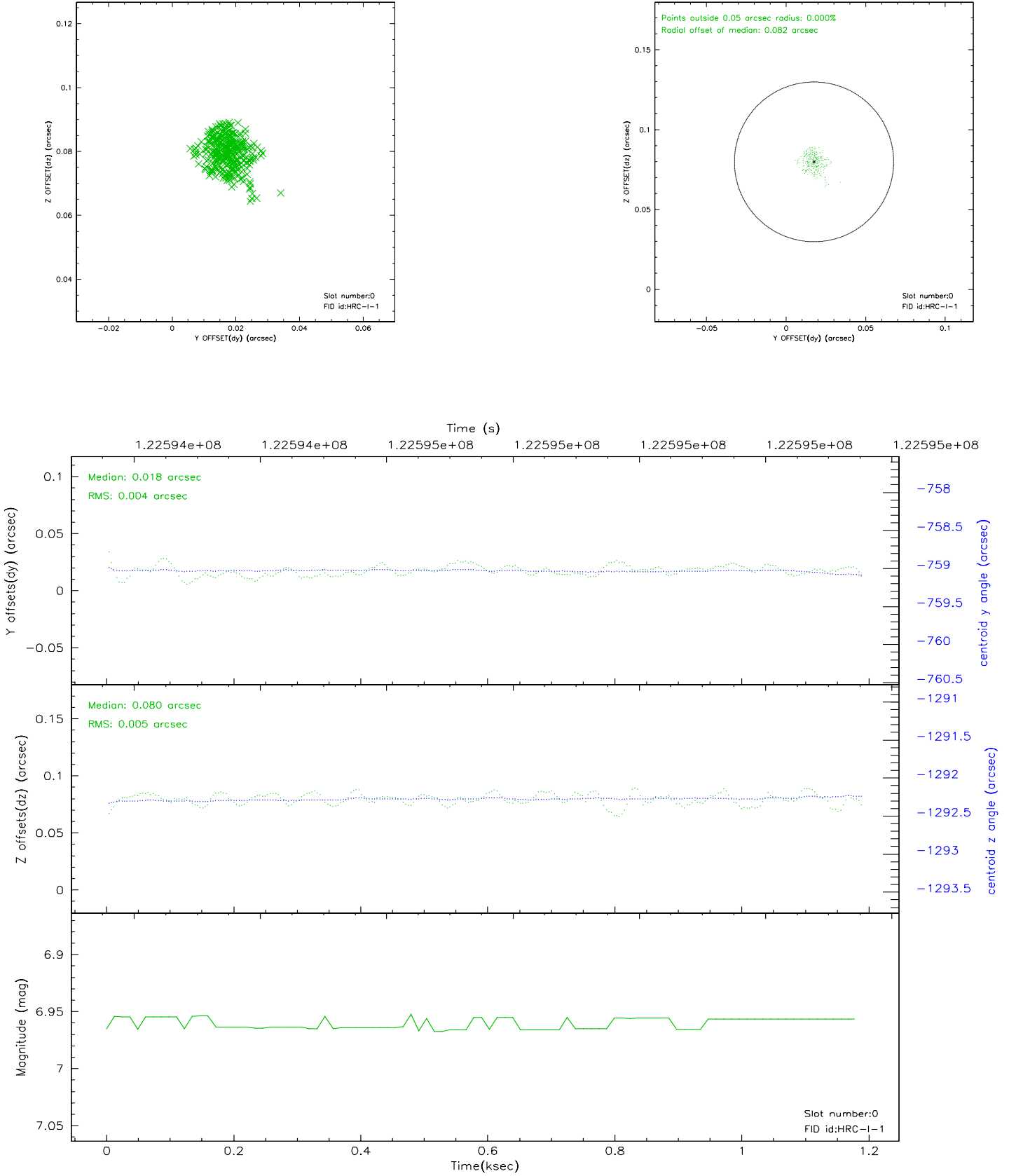


2.4.5 Slot 7

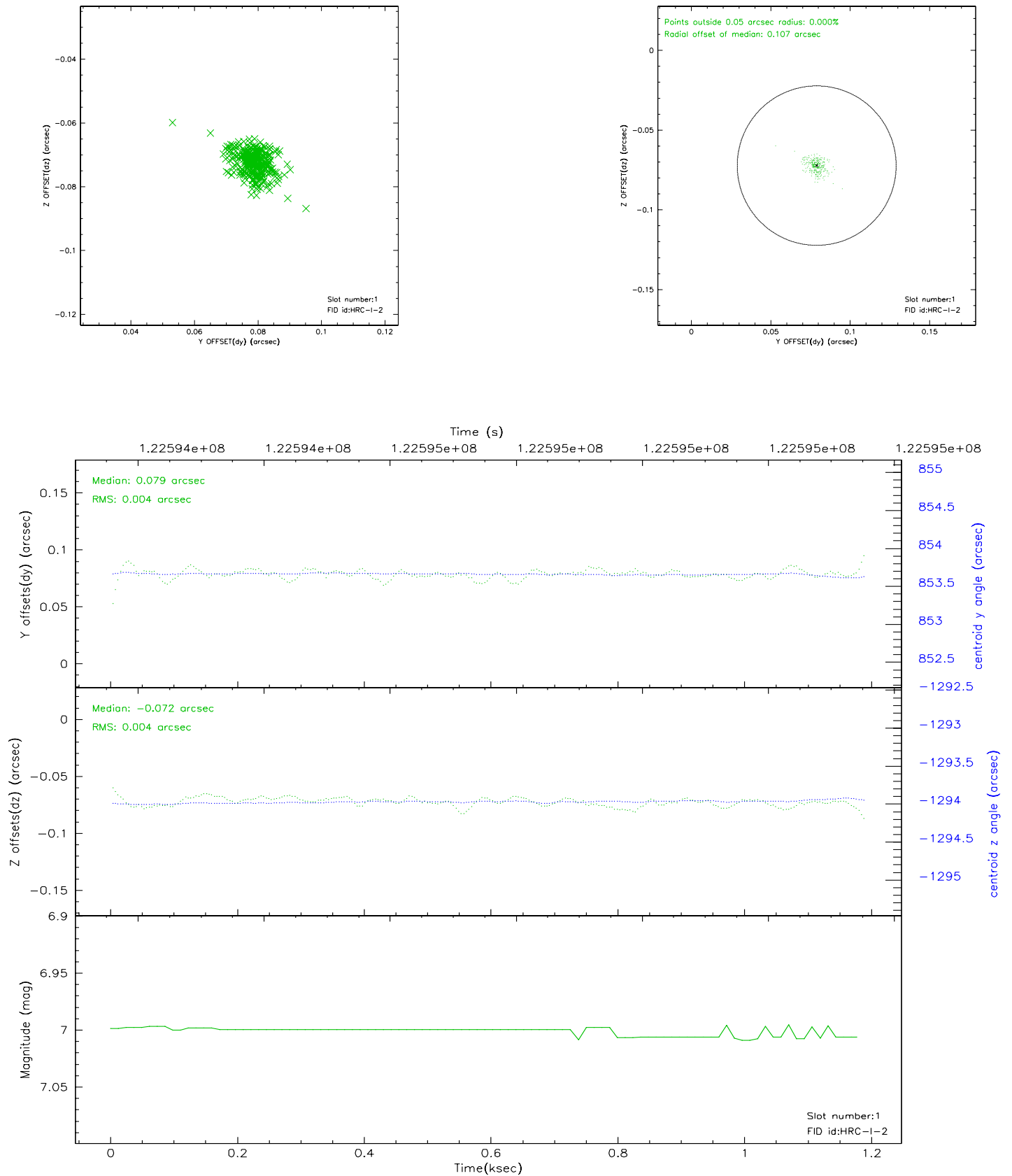


2.5 FID Slots

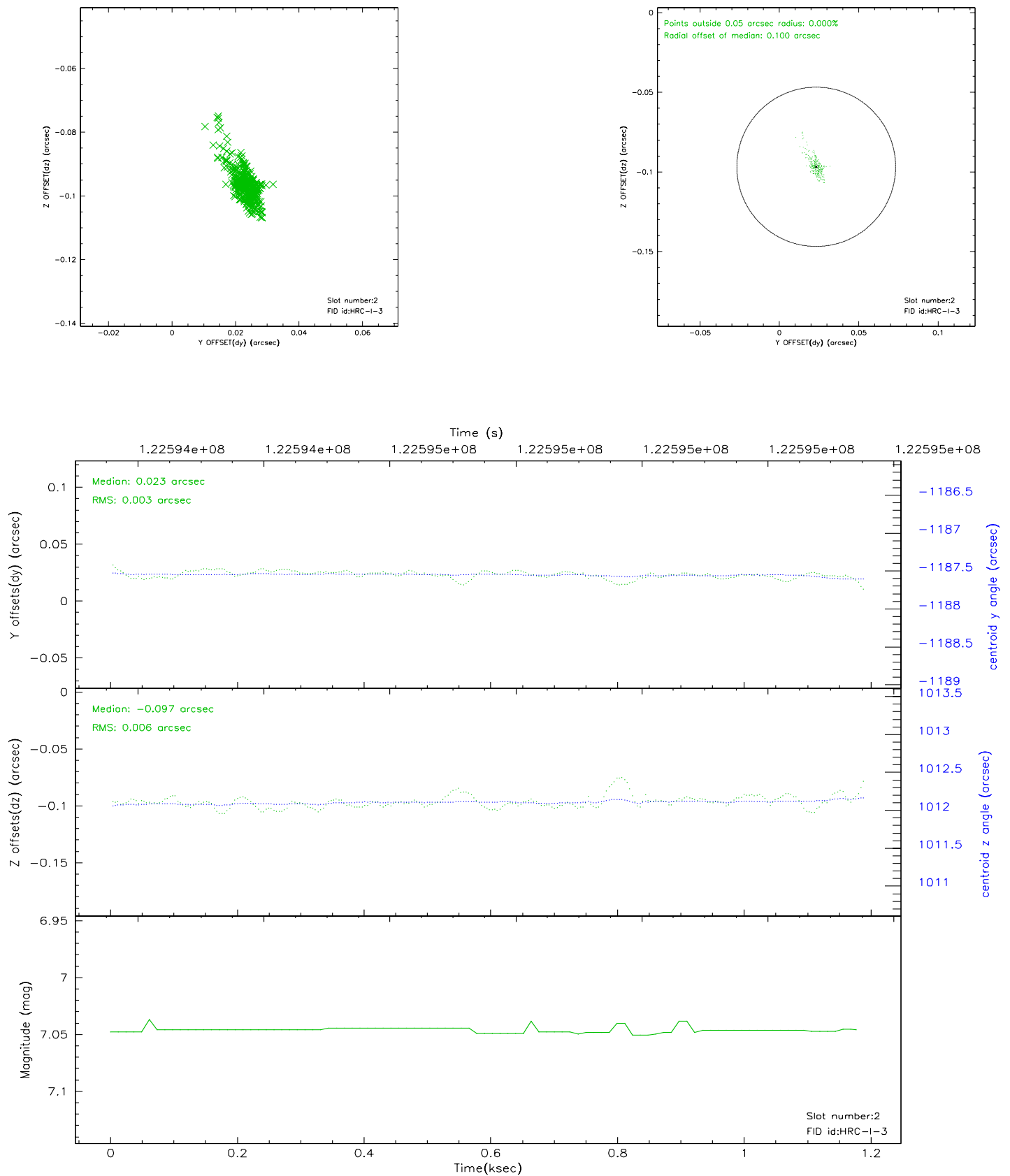
2.5.1 Slot 0



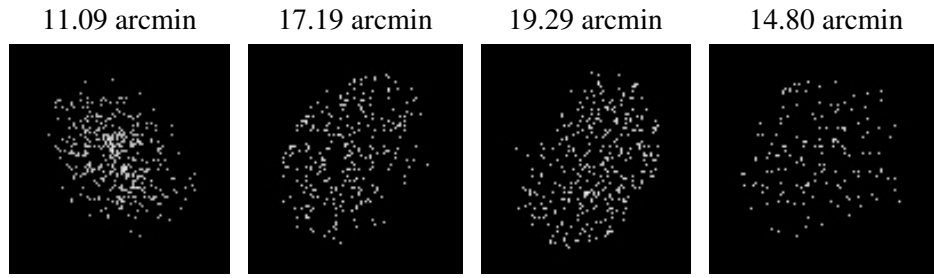
2.5.2 Slot 1



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	1.184

A.2 Comments

Window constraint 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.