

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 289 - L2 Version 5
Chandra X-Ray Center

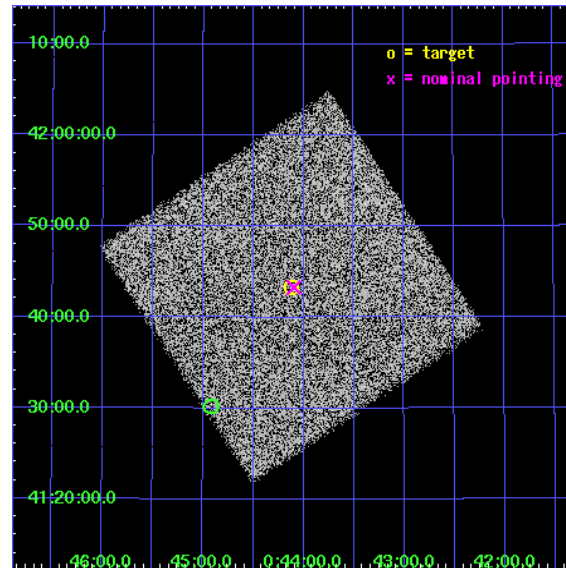
L2 Processing Date : Nov 20 2007

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1 Front

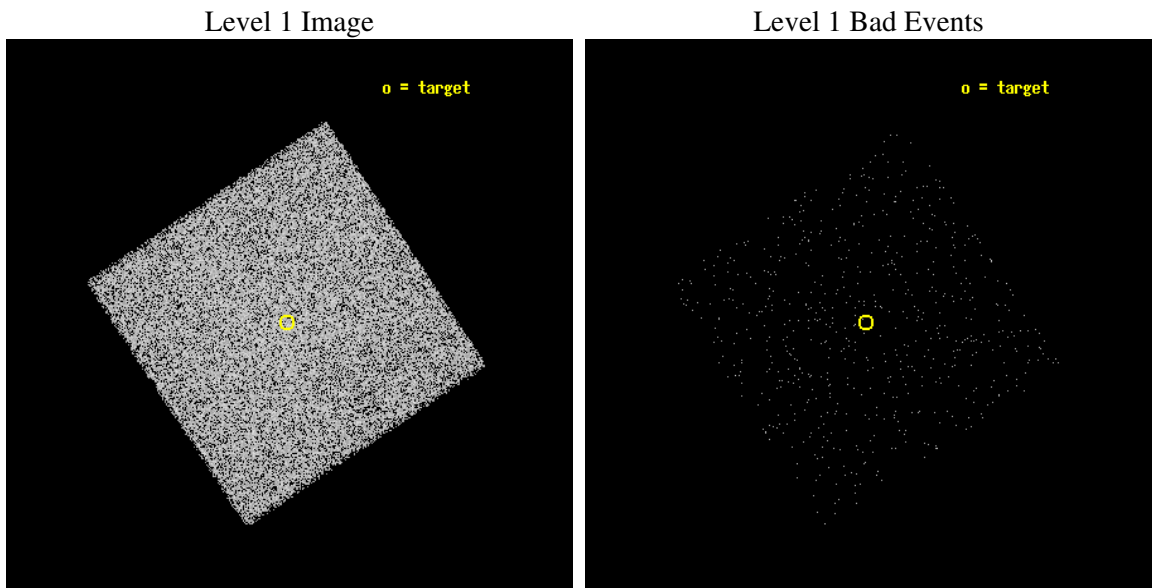
seq_num	600049
obs_id	289
title	MONITORING M31
observer	Dr. Stephen Murray
object	M31 - North 1
ra_targ	11.029167
dec_targ	41.721111
ra_nom	11.023852177809
dec_nom	41.72172301996
roll_nom	191.45710153266
revision	5
ontime	1198.4812952578
livetime	1190.741365954
l2events	51687



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	2007-11-21T02:33:29
revision	4

sched_exp_time	1000.000000
ontime	1198.4812952578
l1events	90477

2.1.3 Events

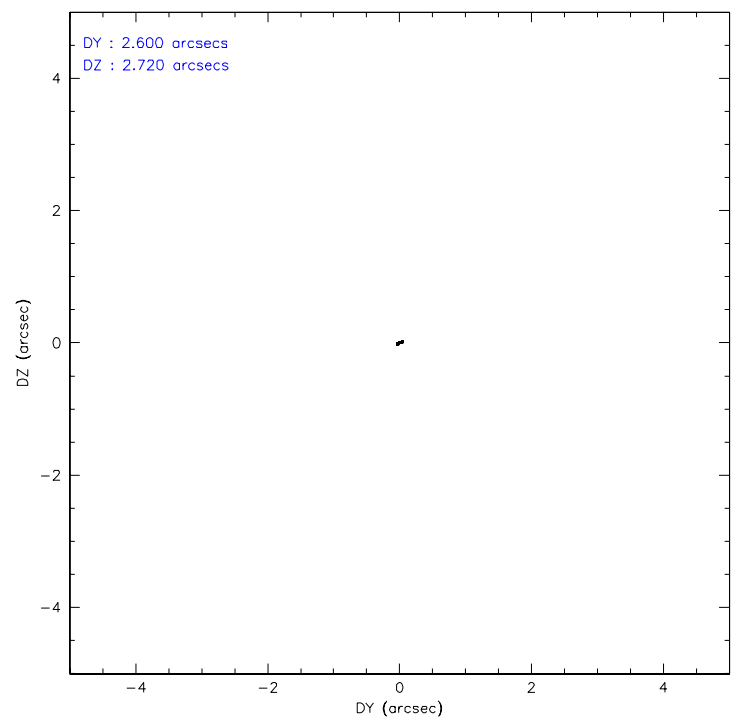
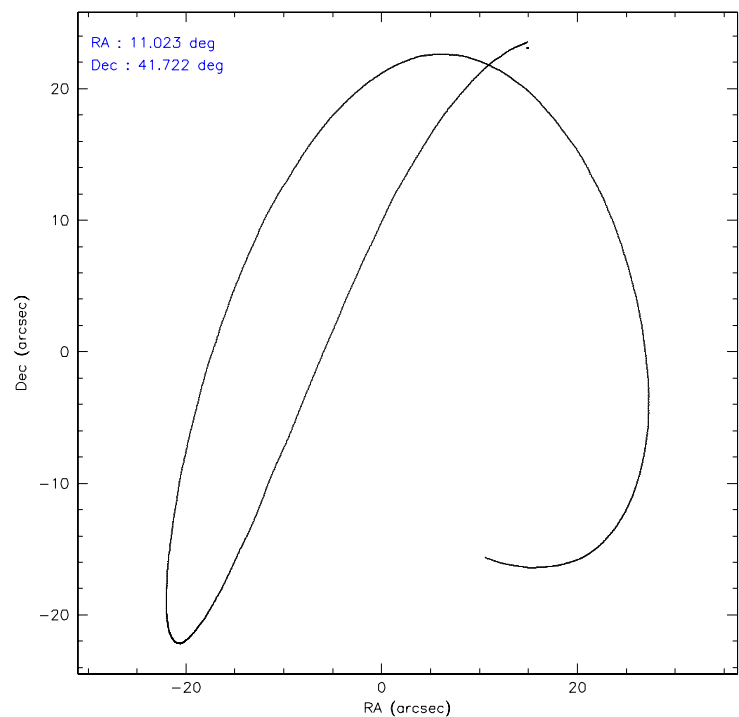
Level 1 Events

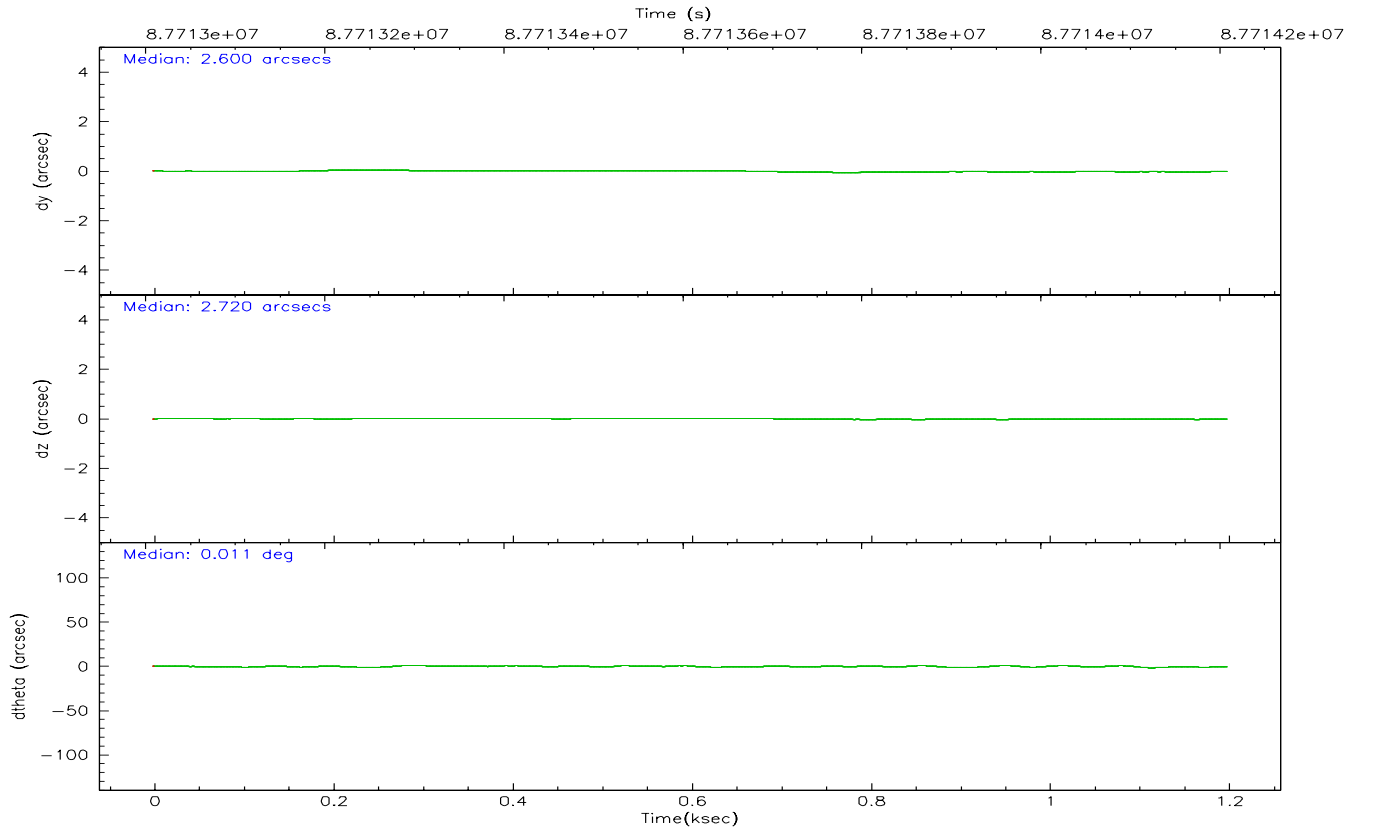
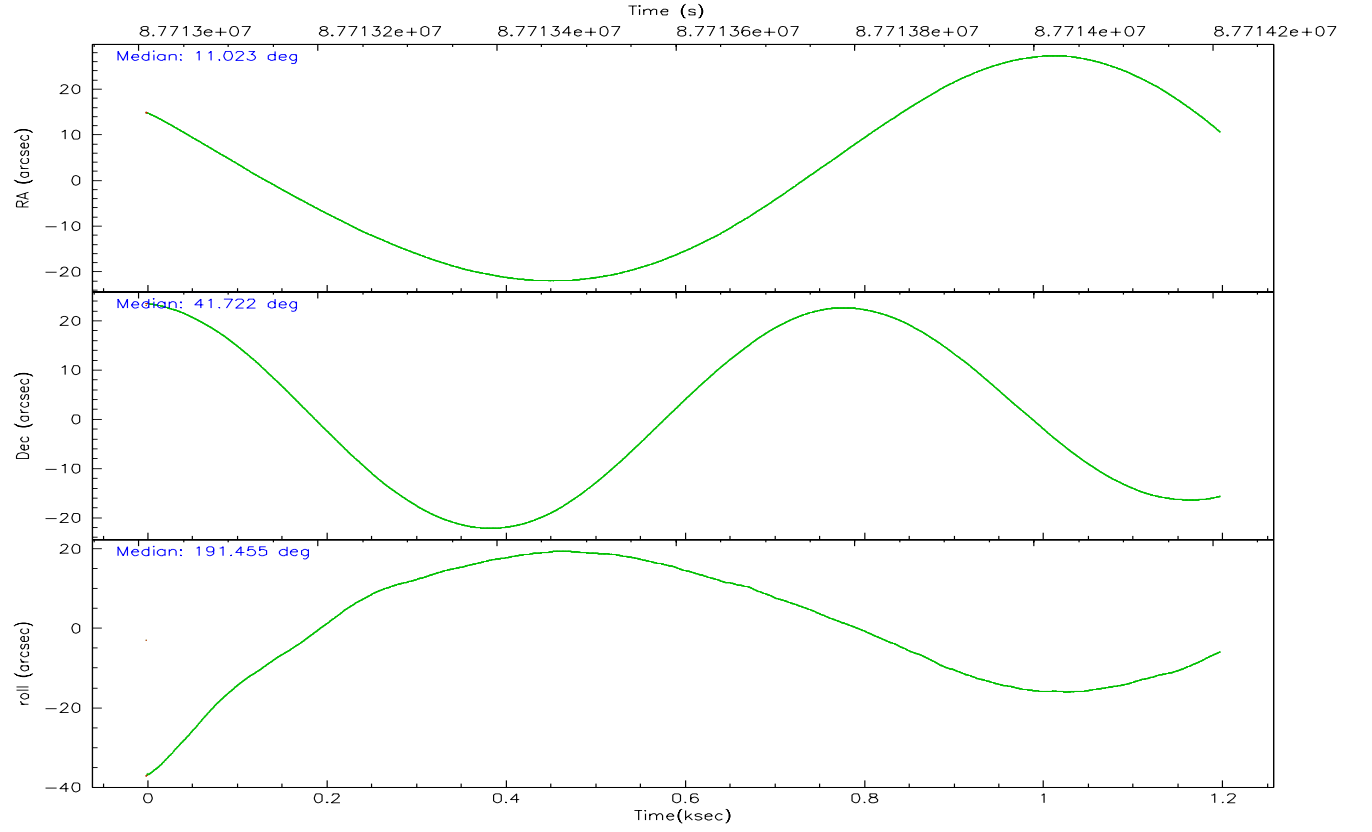
	segment 0
level 1 events	90477
rejected events	17566
rejected %	19%

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	11.050344	11.02385217780921			
Pointing Dec	41.740332	41.72172301996019			
Pointing Roll	191.535003	191.4571015326609			
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	87713206.184000	87712829.748082			
Observation start date	2000-10-12T04:45:42	2000-10-12T04:40:29			
Observation end time	87714206.184000	87714340.085639			
Observation end date	2000-10-12T05:02:22	2000-10-12T05:05:40			

2.3 Aspect



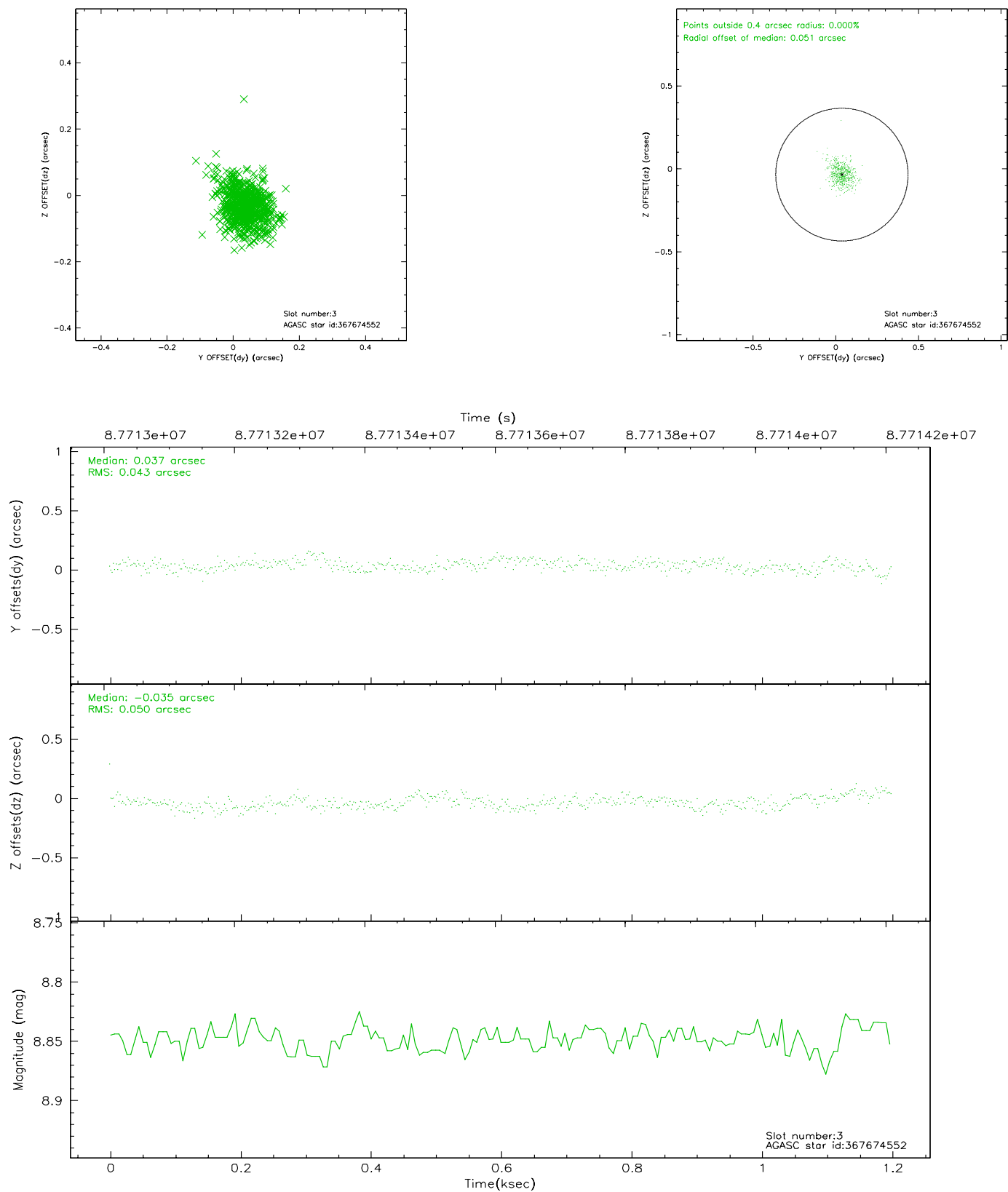


Slot Statistics

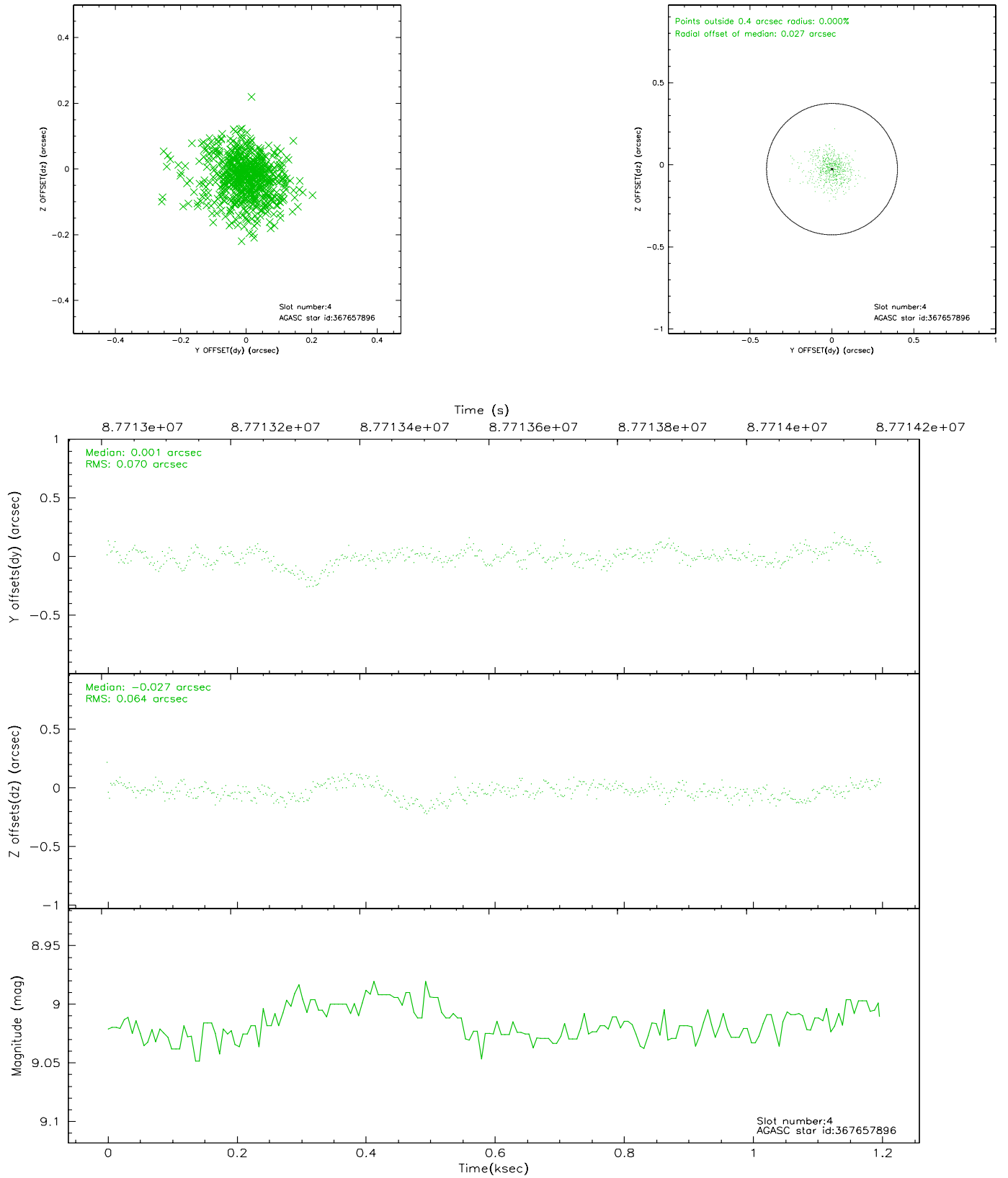
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	293	0.035	0.008	0.005	0.009	0.000000	0.000000	-758.08	-1290.40
1	FID	HRC-I-2	7.01	293	0.075	-0.051	0.006	0.011	0.000000	0.000000	852.01	-1296.49
2	FID	HRC-I-4	7.01	293	0.005	-0.049	0.006	0.011	0.000000	0.000000	1287.68	1007.21
3	GUIDE	367674552	8.85	585	0.037	-0.035	0.067	0.111	11.016238	41.570845	212.33	579.36
4	GUIDE	367657896	9.02	586	0.001	-0.027	0.098	0.170	11.197765	41.313576	-82.86	1585.55
5	GUIDE	367670520	9.26	586	0.014	0.061	0.104	0.167	11.265516	42.371946	-1015.34	-2111.51
6	GUIDE	367658664	9.61	585	-0.082	-0.026	0.103	0.327	10.374070	41.369746	2053.94	931.21
7	GUIDE	367660528	9.54	585	0.043	0.020	0.088	0.144	11.676845	42.311657	-2042.86	-1686.29

2.4 Star Slots

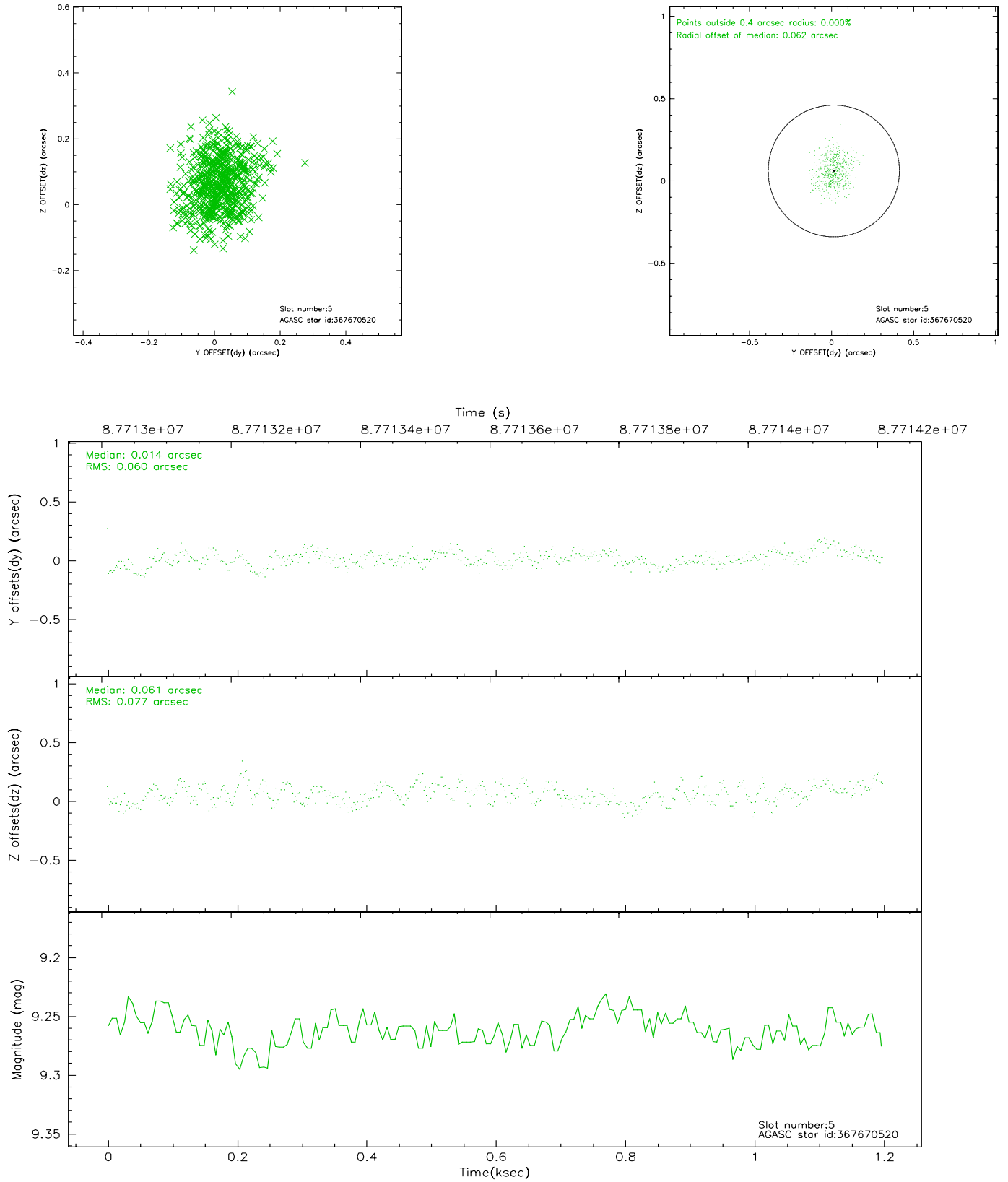
2.4.1 Slot 3



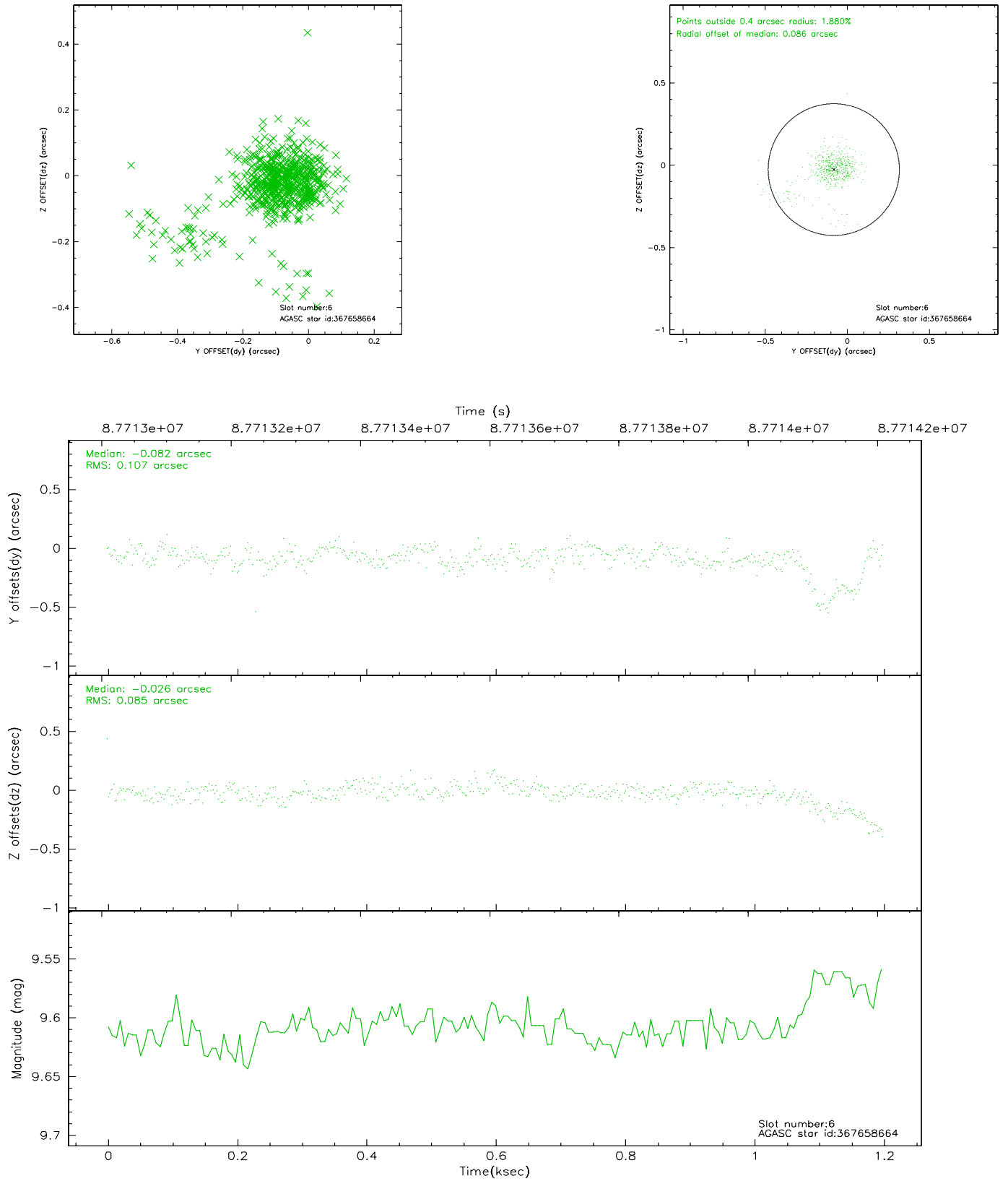
2.4.2 Slot 4



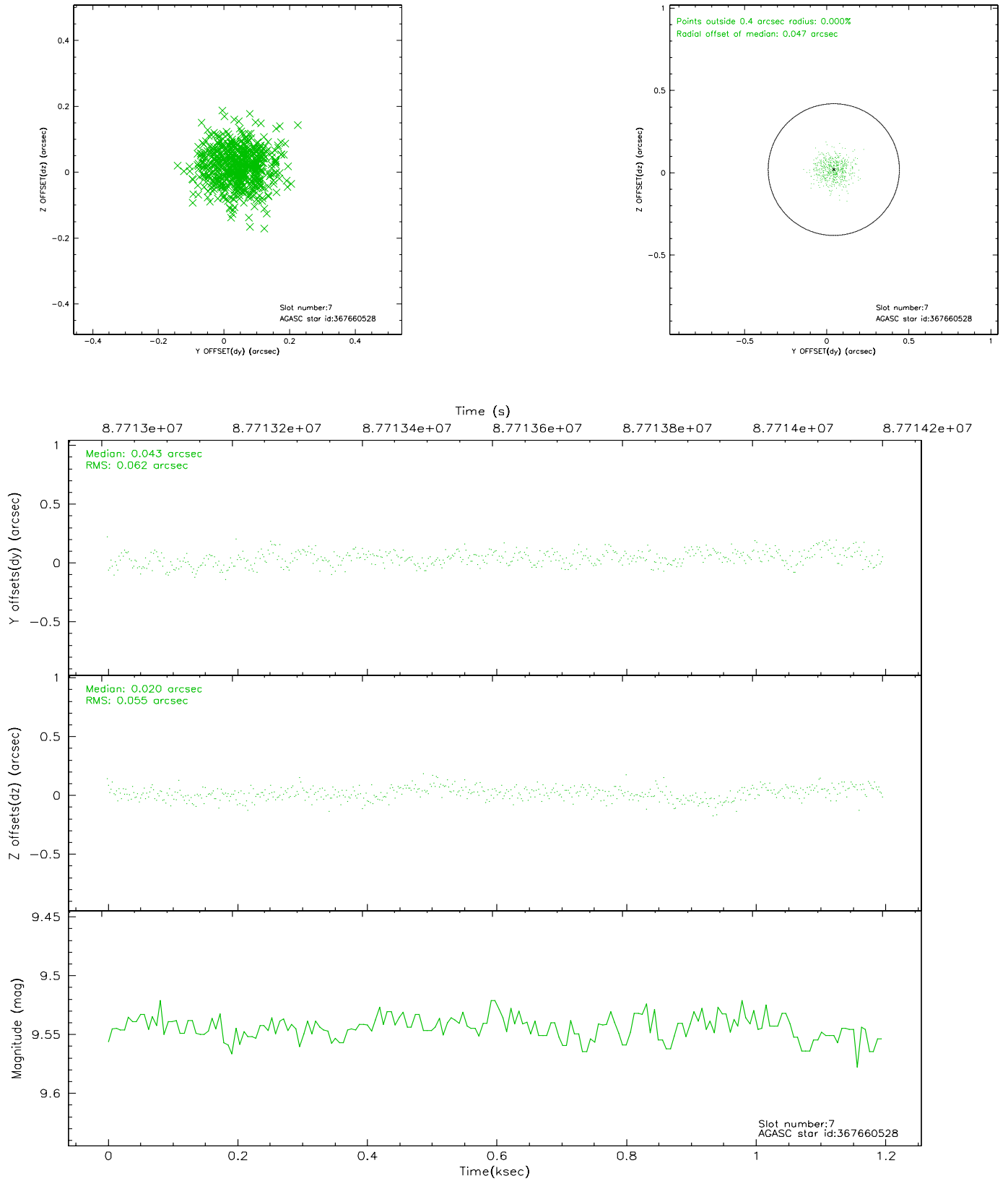
2.4.3 Slot 5



2.4.4 Slot 6

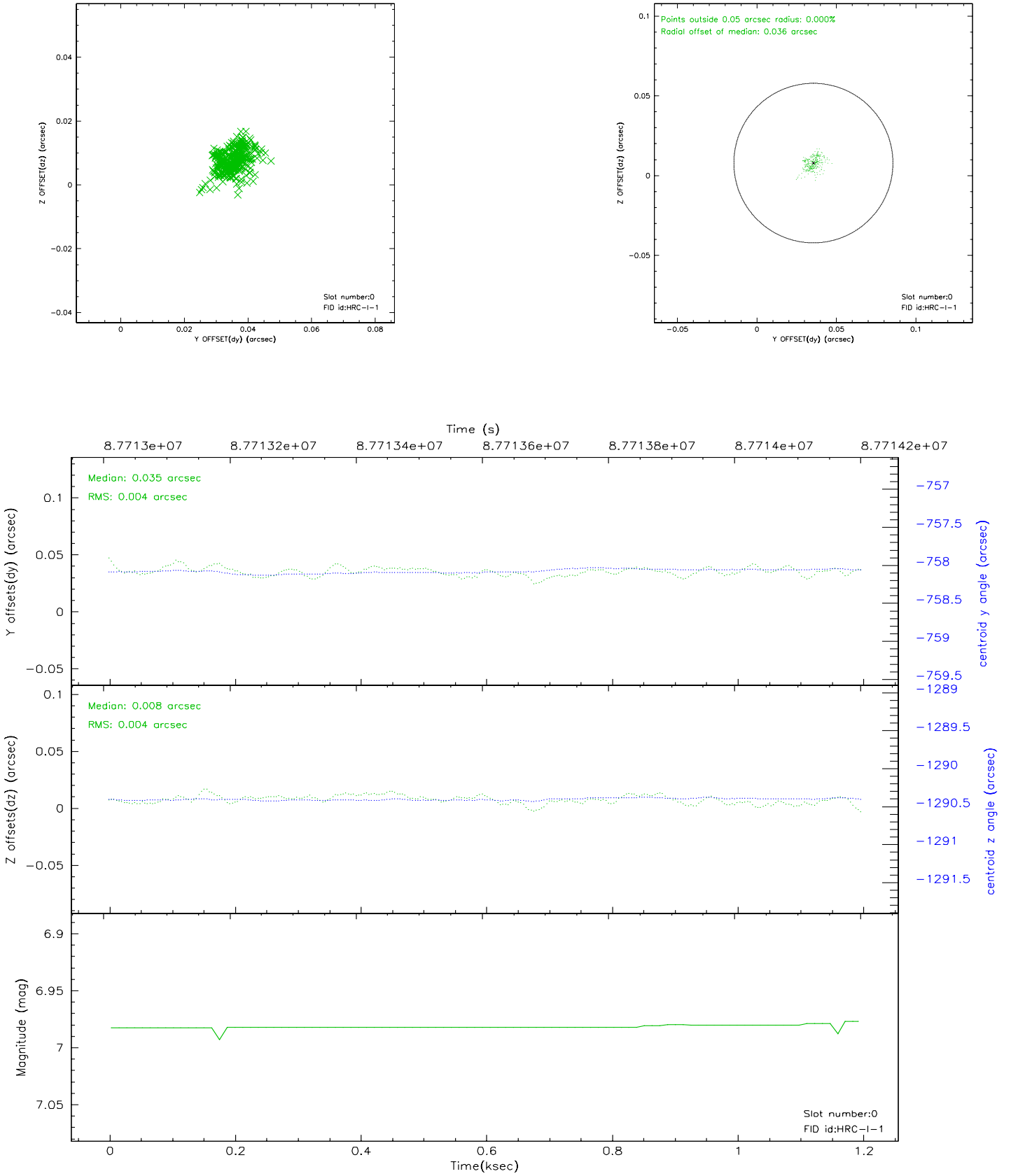


2.4.5 Slot 7

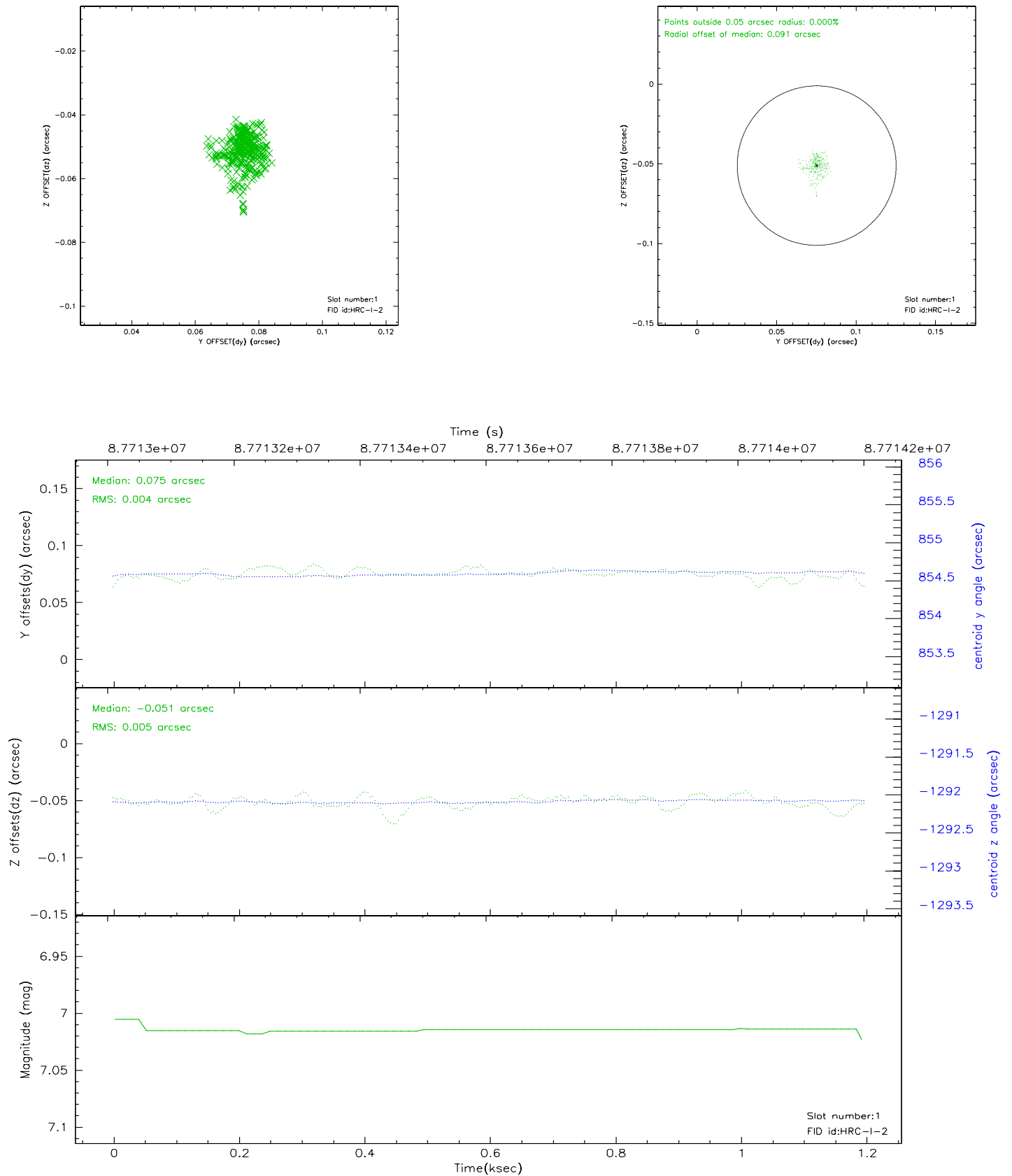


2.5 FID Slots

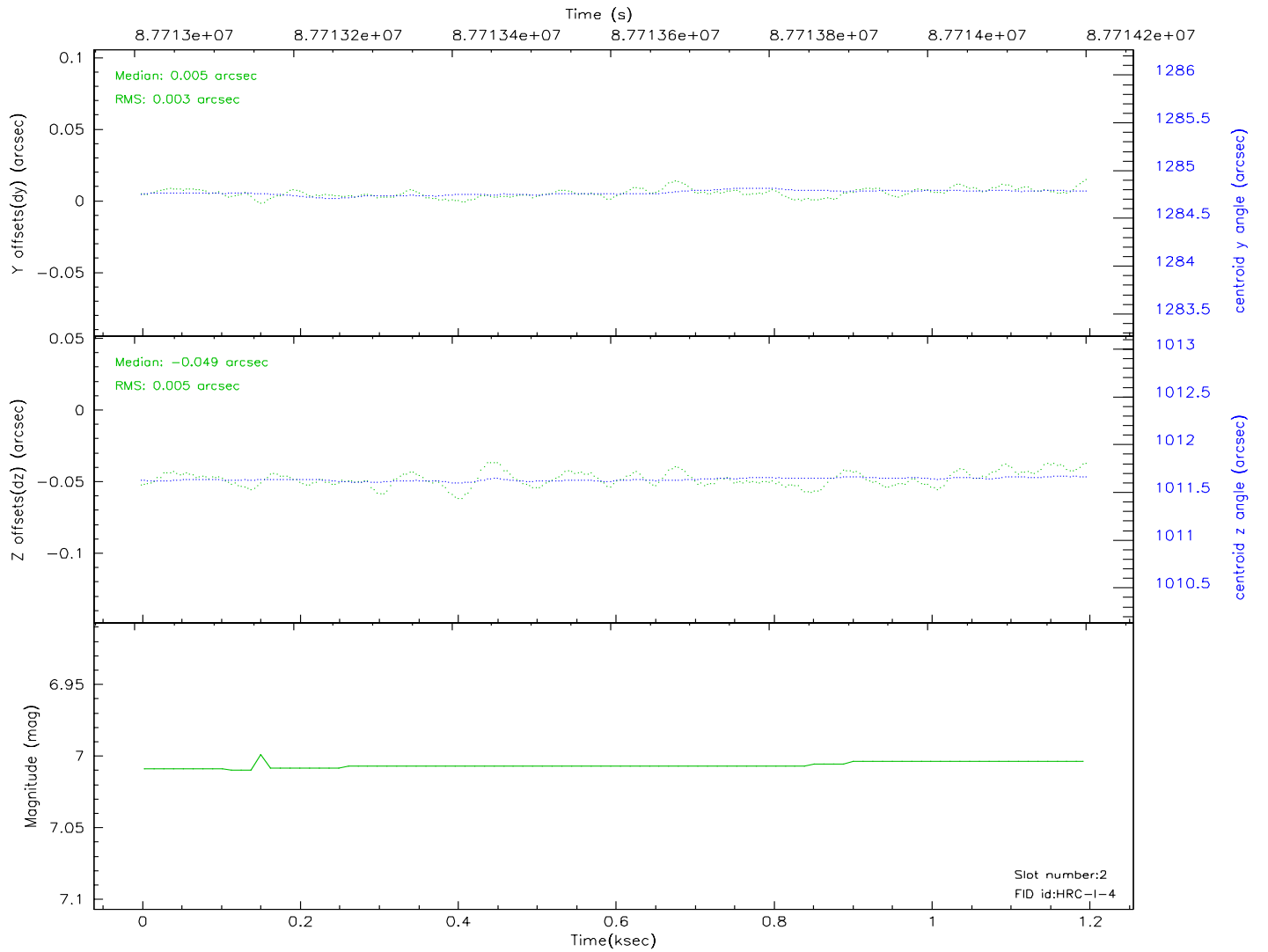
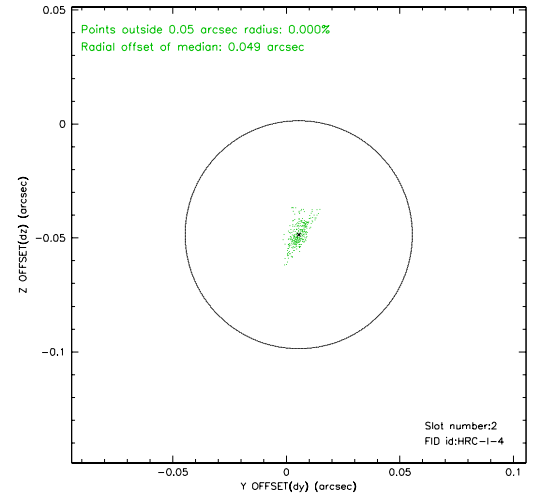
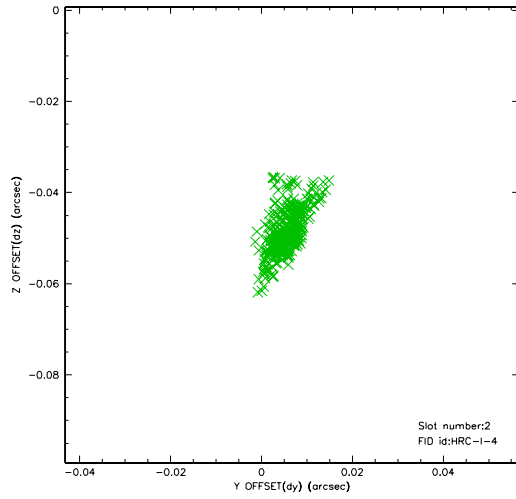
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

16.03 arcmin



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	1.198

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.