

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 287 - L2 Version 4
Chandra X-Ray Center

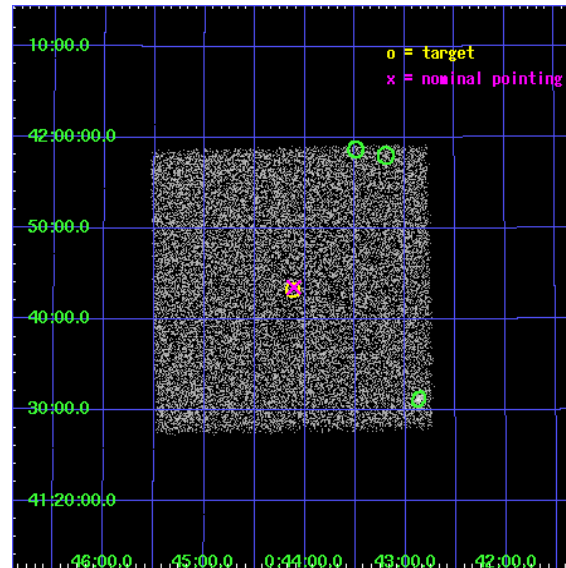
L2 Processing Date : Nov 20 2007

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1 Front

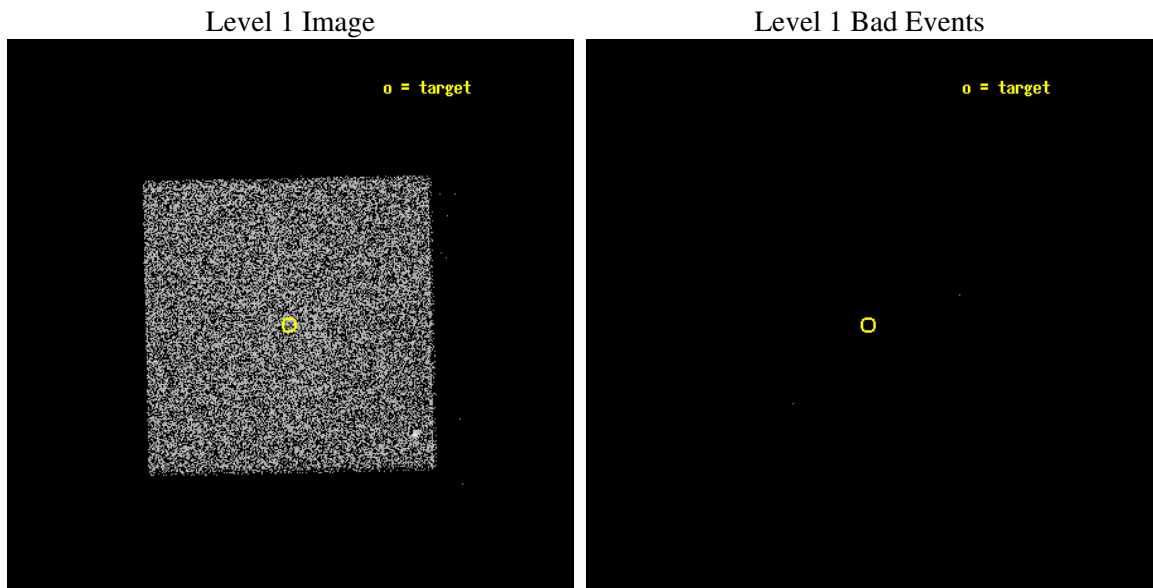
seq_num	600047
obs_id	287
title	MONITORING M31
observer	Dr. Stephen Murray
object	M31 - North 1
ra_targ	11.029167
dec_targ	41.721111
ra_nom	11.027014873648
dec_nom	41.725669178111
roll_nom	133.84557252007
revision	4
ontime	1192.3312946707
livetime	1186.8870611223
l2events	28753



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	2007-11-20T13:39:07
revision	4

sched_exp_time	1000.000000
ontime	1192.3312946707
l1events	43922

2.1.3 Events

Level 1 Events

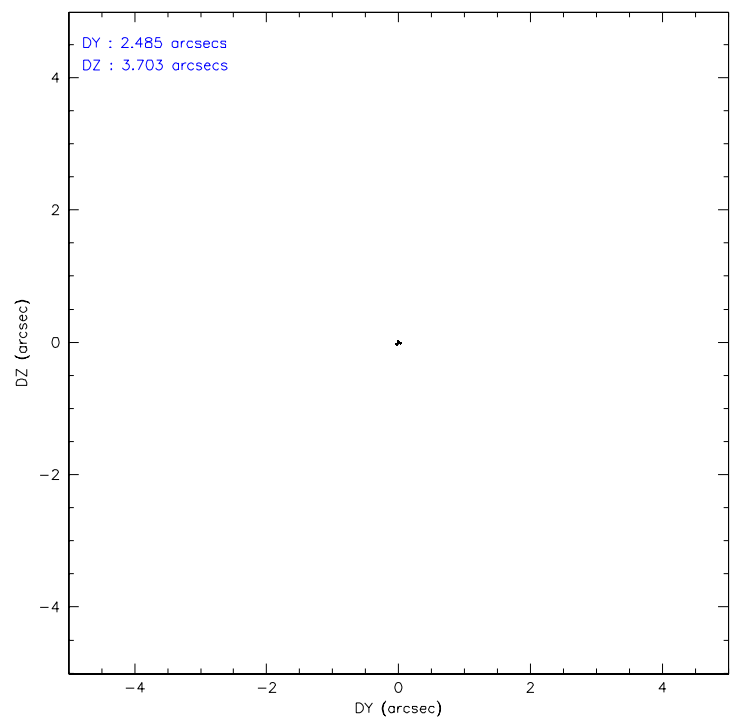
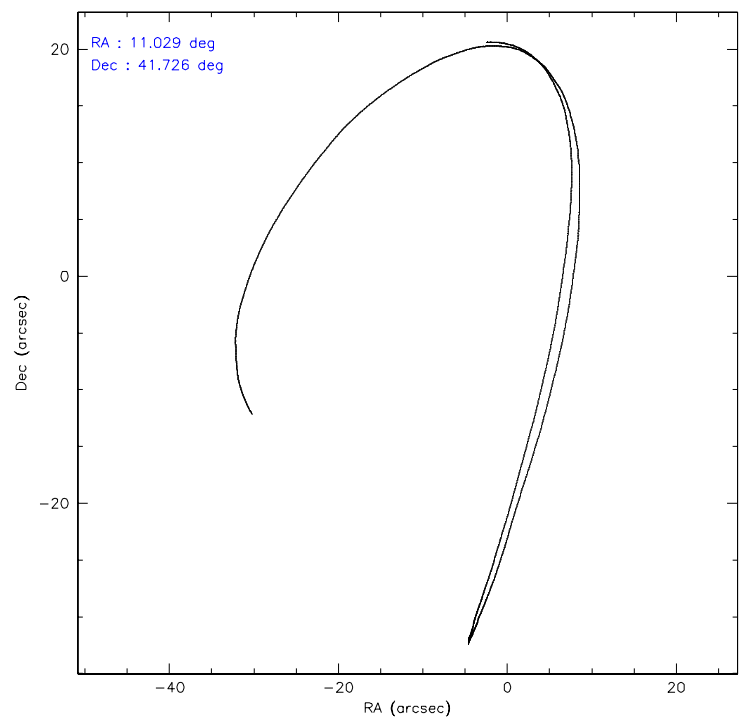
	segment 0
level 1 events	43922
rejected events	1506
rejected %	3%

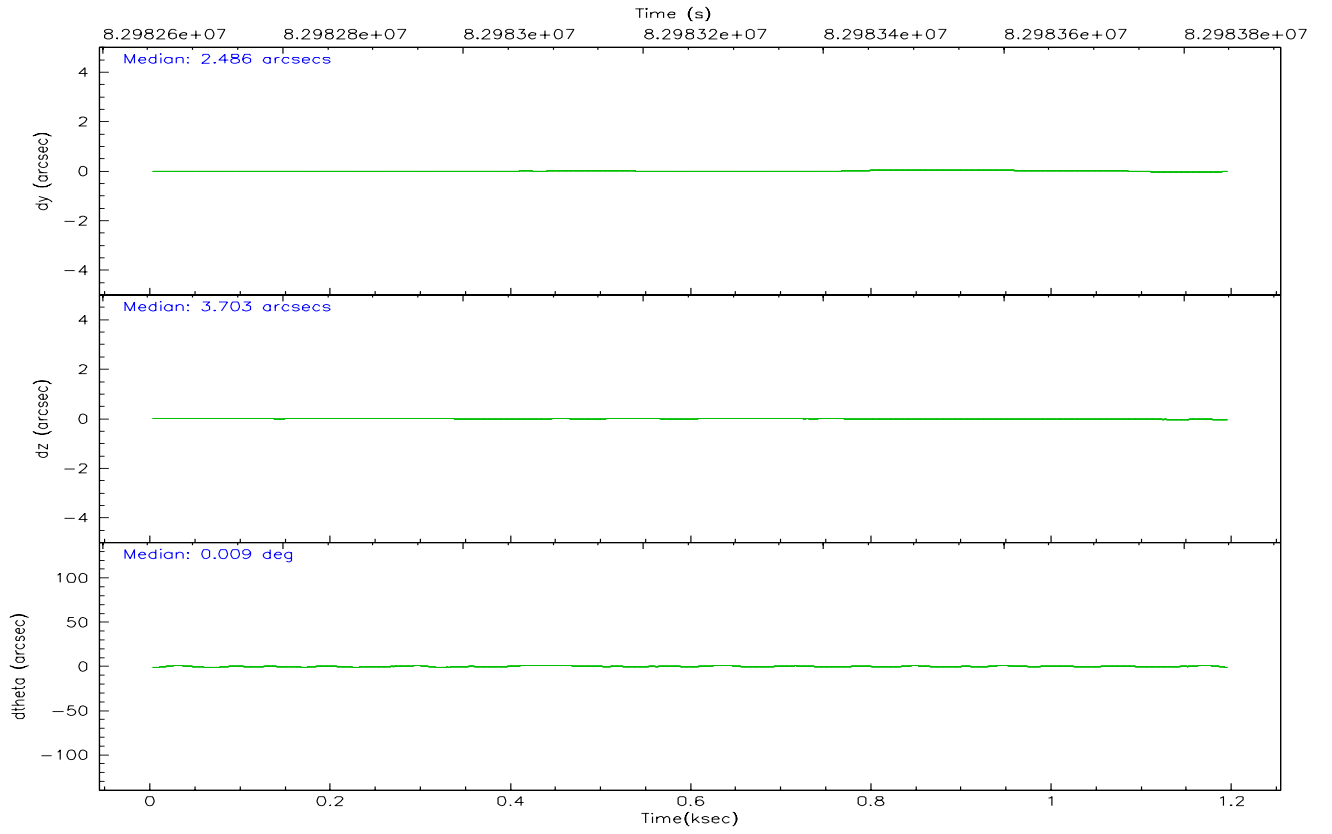
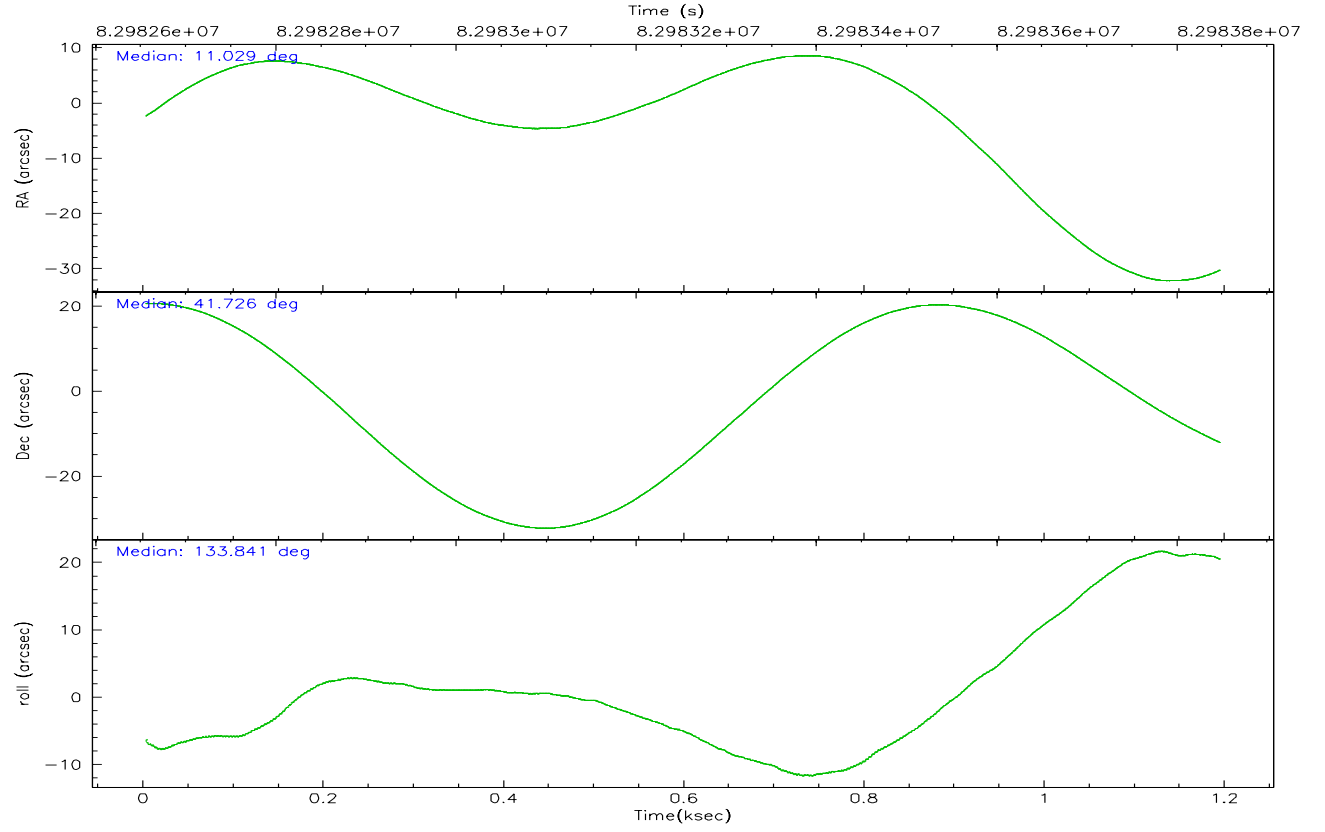
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	11.062255	11.02701487364785
Pointing Dec	41.718055	41.72566917811137
Pointing Roll	133.917653	133.8455725200674
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	82982853.184000	82982476.607669
Observation start date	2000-08-18T10:46:29	2000-08-18T10:41:16
Observation end time	82983853.184000	82983986.945225
Observation end date	2000-08-18T11:03:09	2000-08-18T11:06:26

Parameter	Planned	Actual
Obspar format version number	6	6
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



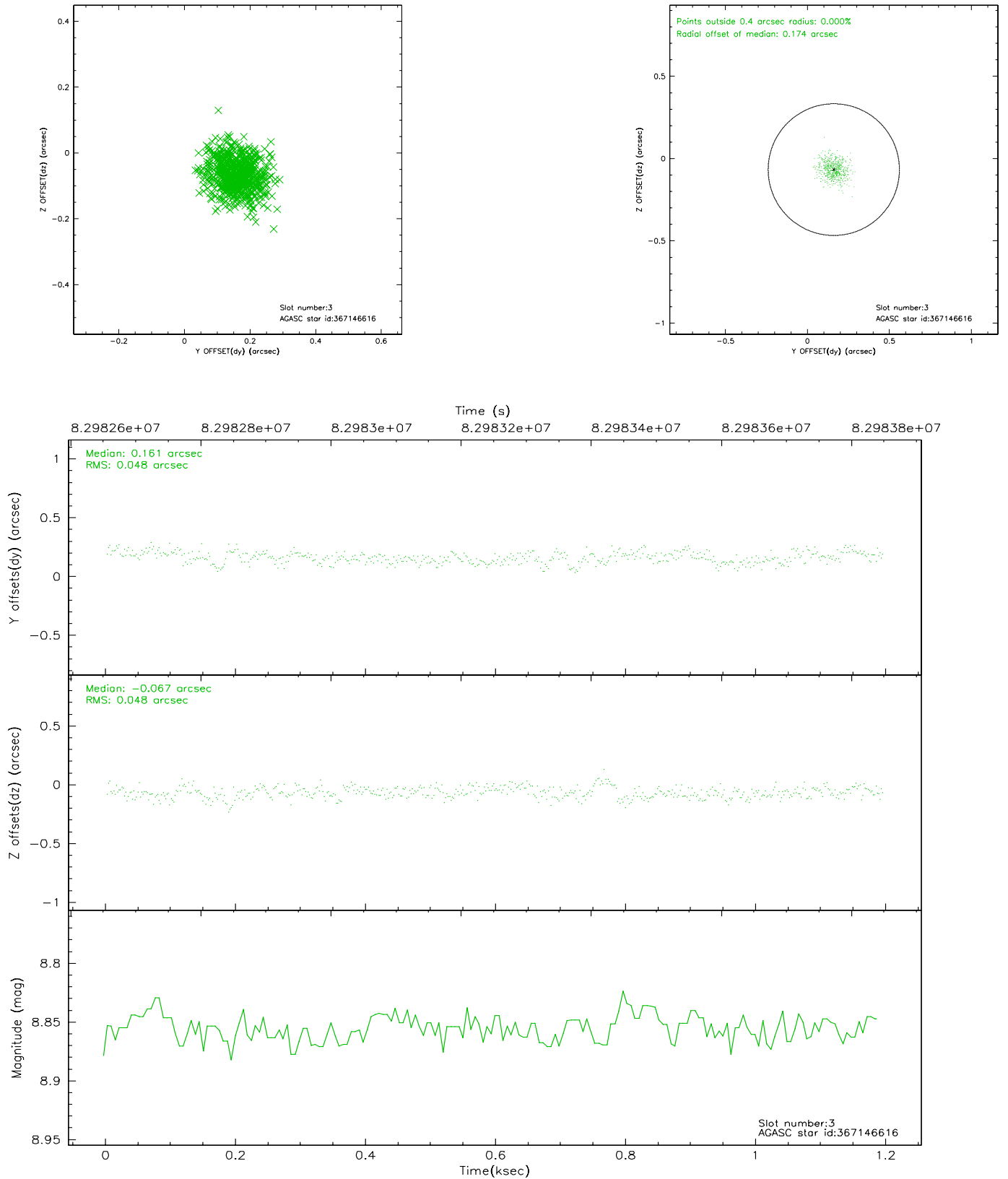


Slot Statistics

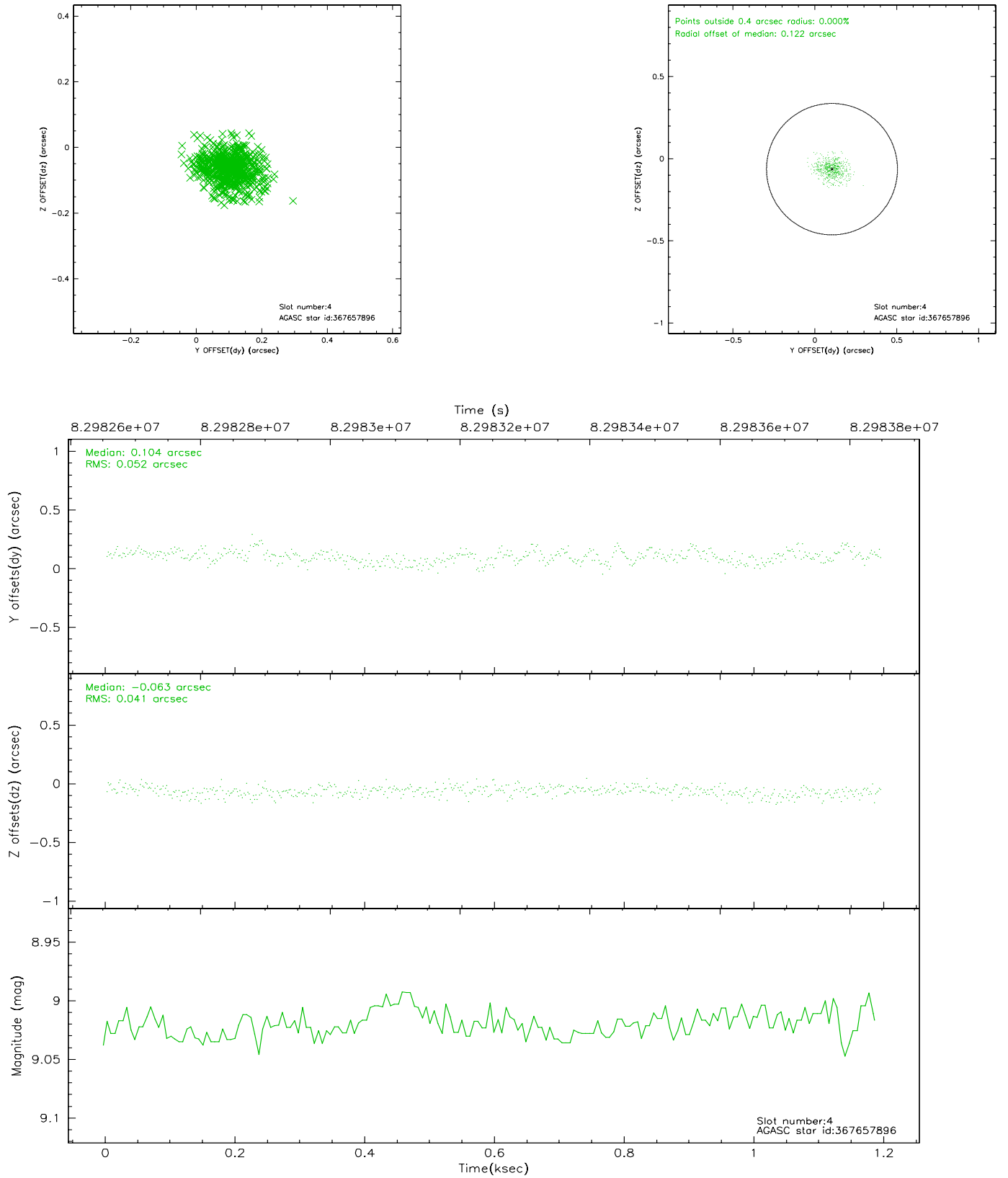
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	291	0.064	0.044	0.006	0.010	0.000000	0.000000	-757.90	-1291.45
1	FID	HRC-I-3	7.04	291	0.026	-0.065	0.007	0.011	0.000000	0.000000	-1189.01	1008.57
2	FID	HRC-I-4	6.98	291	0.024	-0.068	0.005	0.008	0.000000	0.000000	1280.79	1014.05
3	GUIDE	367146616	8.85	583	0.161	-0.067	0.073	0.118	11.418645	41.190163	-2036.81	623.00
4	GUIDE	367657896	9.02	583	0.104	-0.063	0.071	0.113	11.197765	41.313576	-1306.02	748.67
5	GUIDE	367671800	9.40	583	-0.063	-0.060	0.076	0.125	10.554735	41.964935	1583.36	362.56
6	GUIDE	367670520	9.26	583	-0.143	0.246	0.086	0.136	11.265516	42.371946	1324.18	-2019.85
7	GUIDE	367663272	9.29	582	-0.054	-0.067	0.074	0.128	10.656279	41.699429	712.93	829.26

2.4 Star Slots

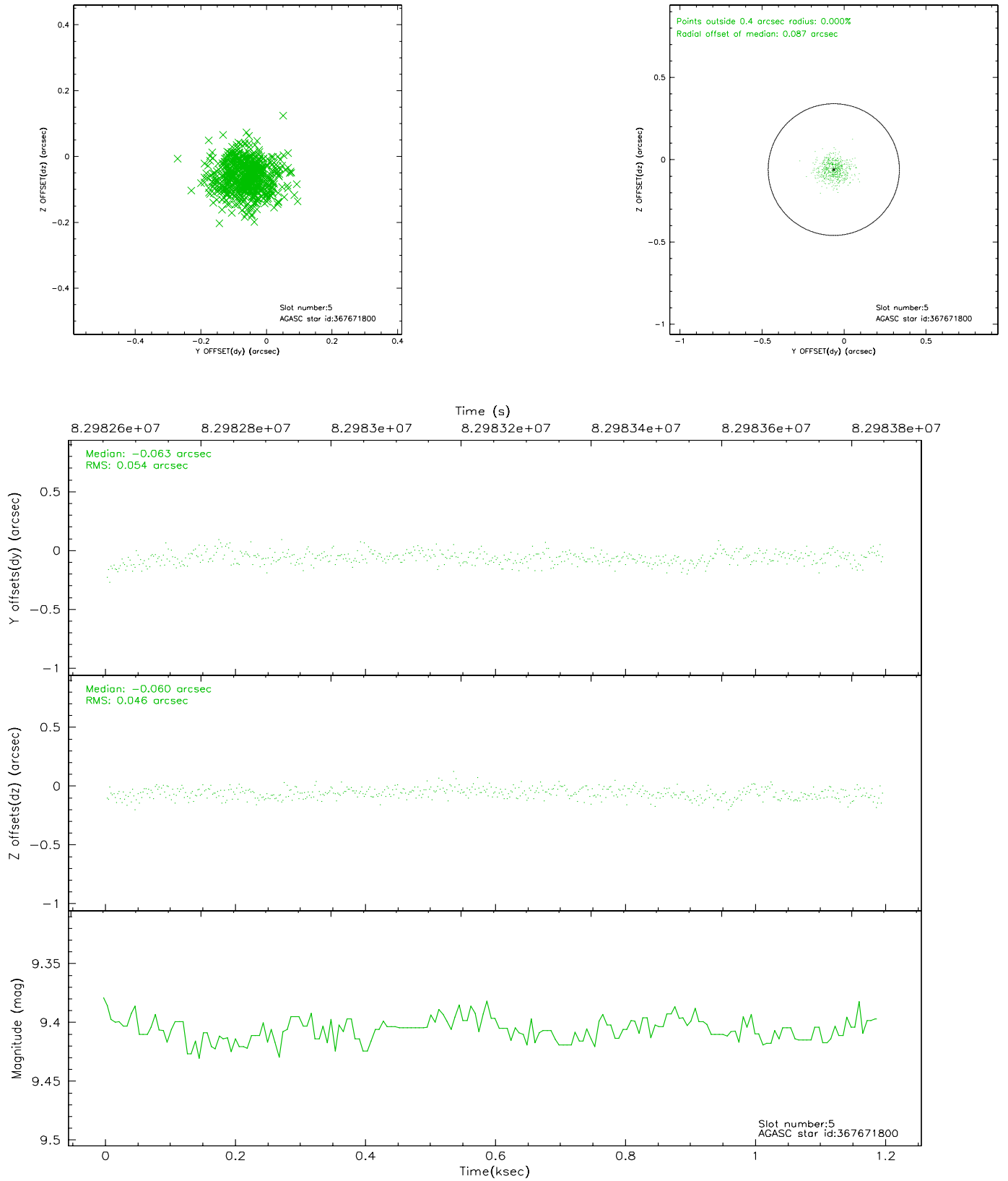
2.4.1 Slot 3



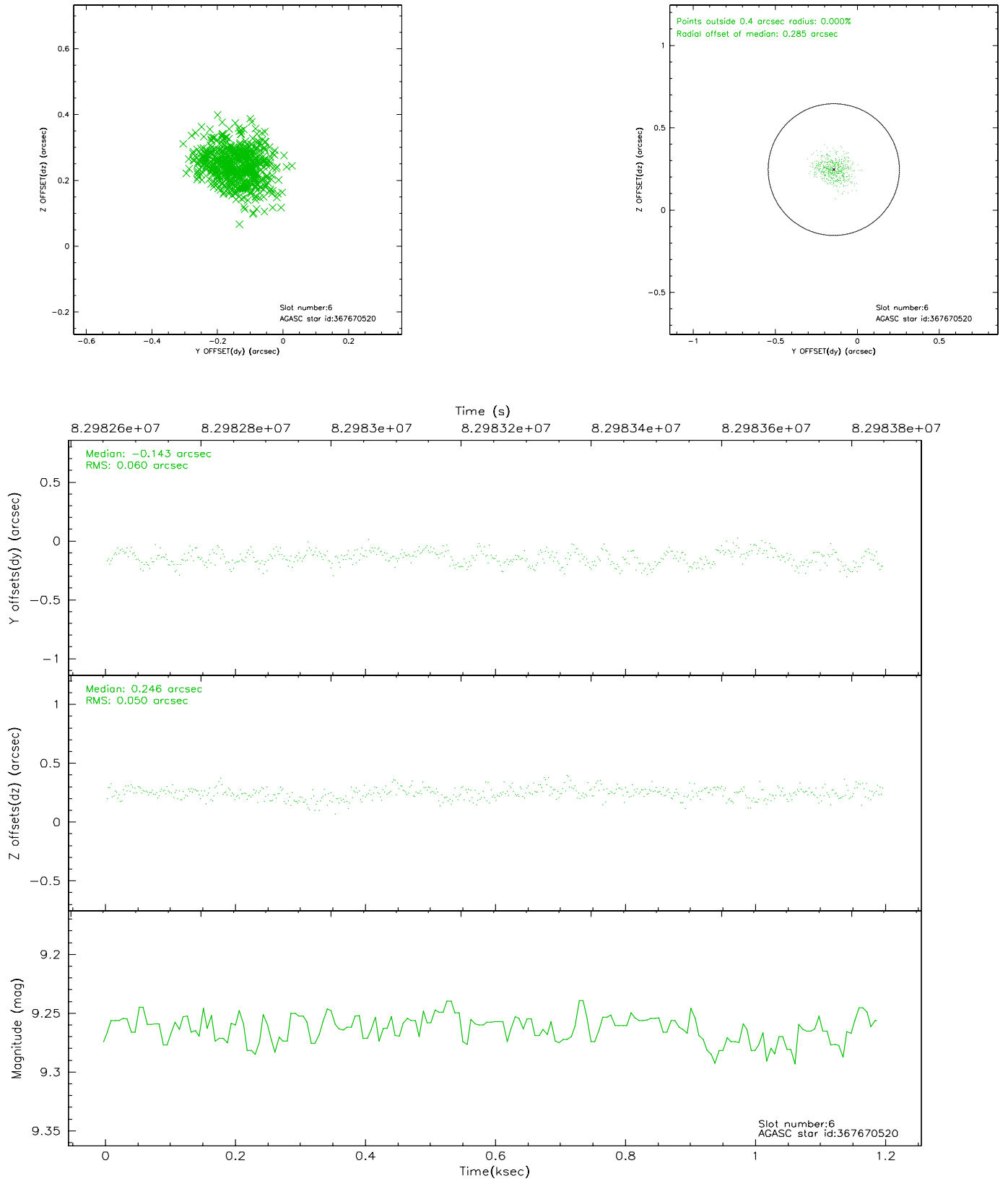
2.4.2 Slot 4



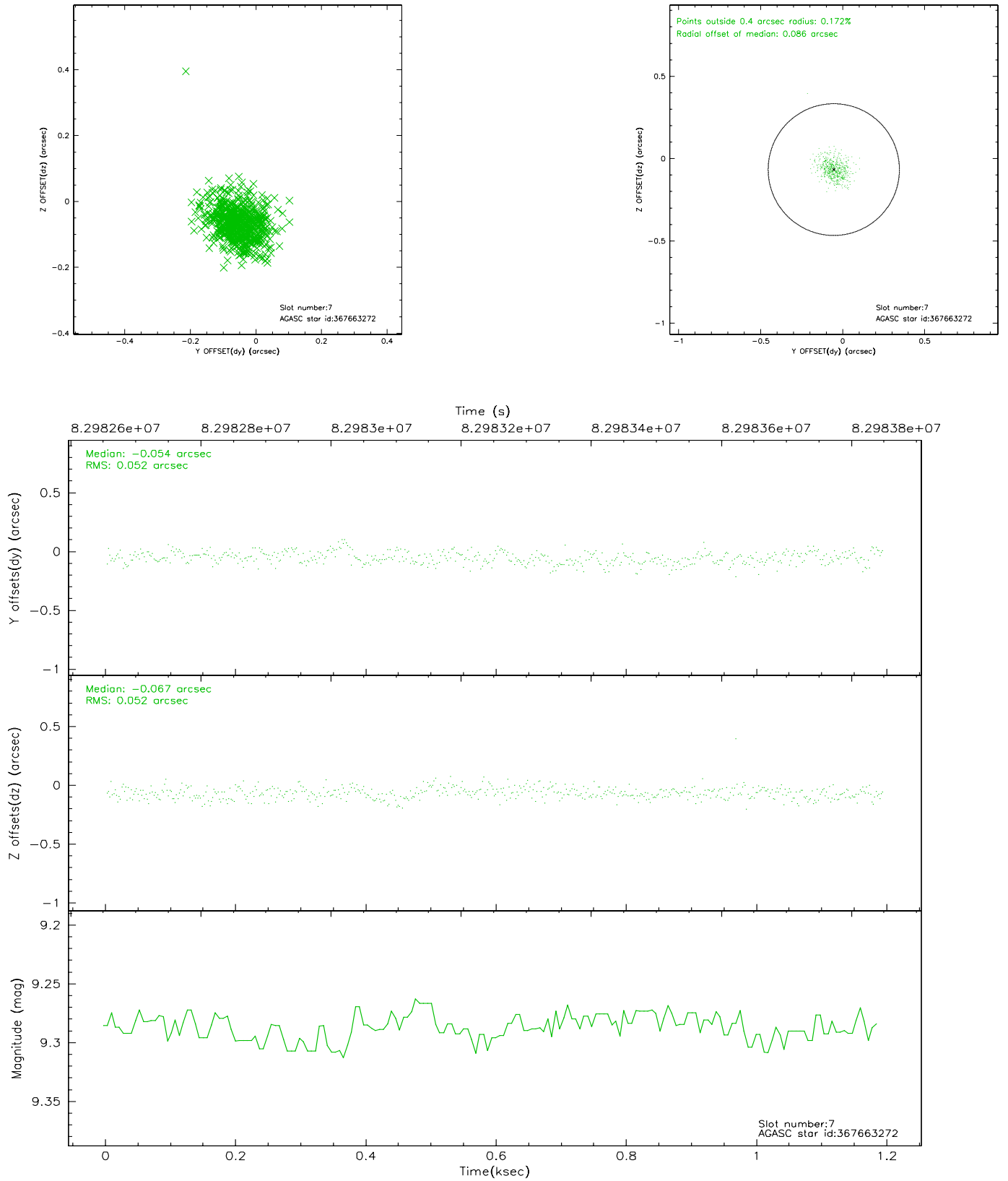
2.4.3 Slot 5



2.4.4 Slot 6

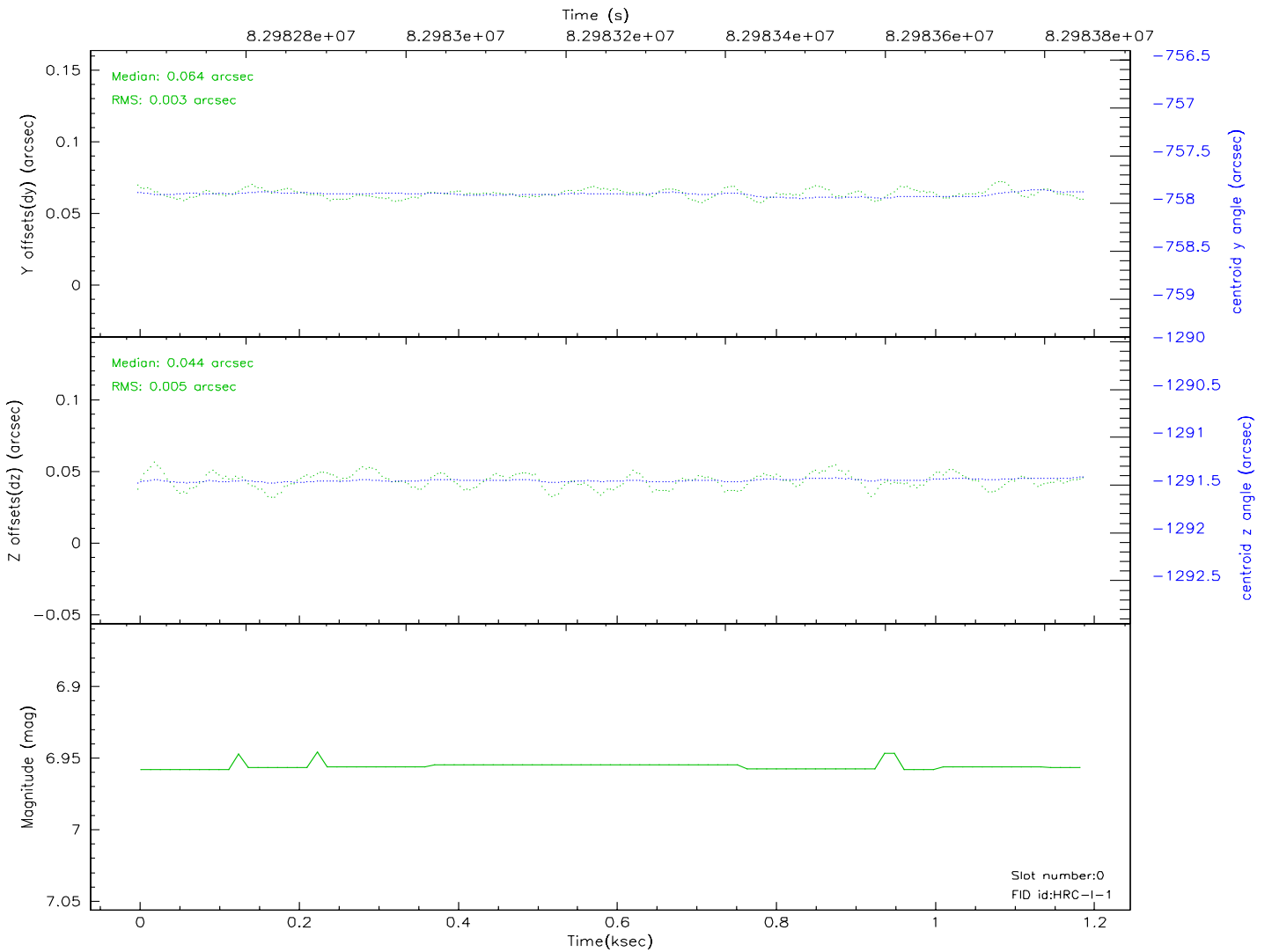
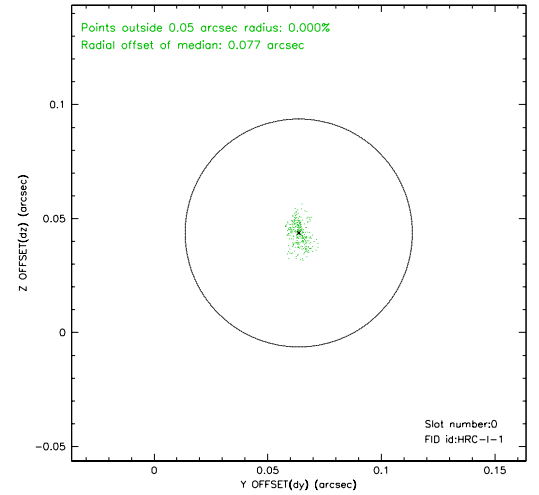
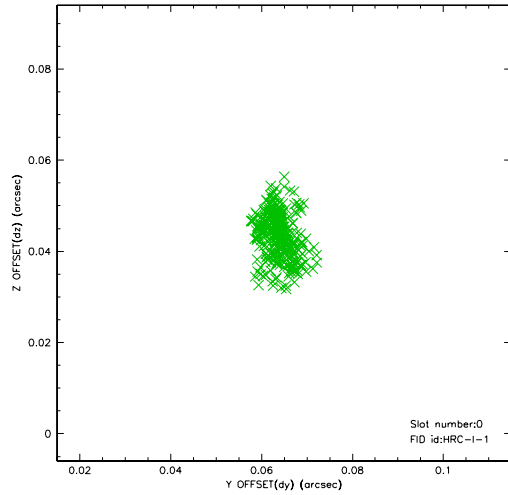


2.4.5 Slot 7

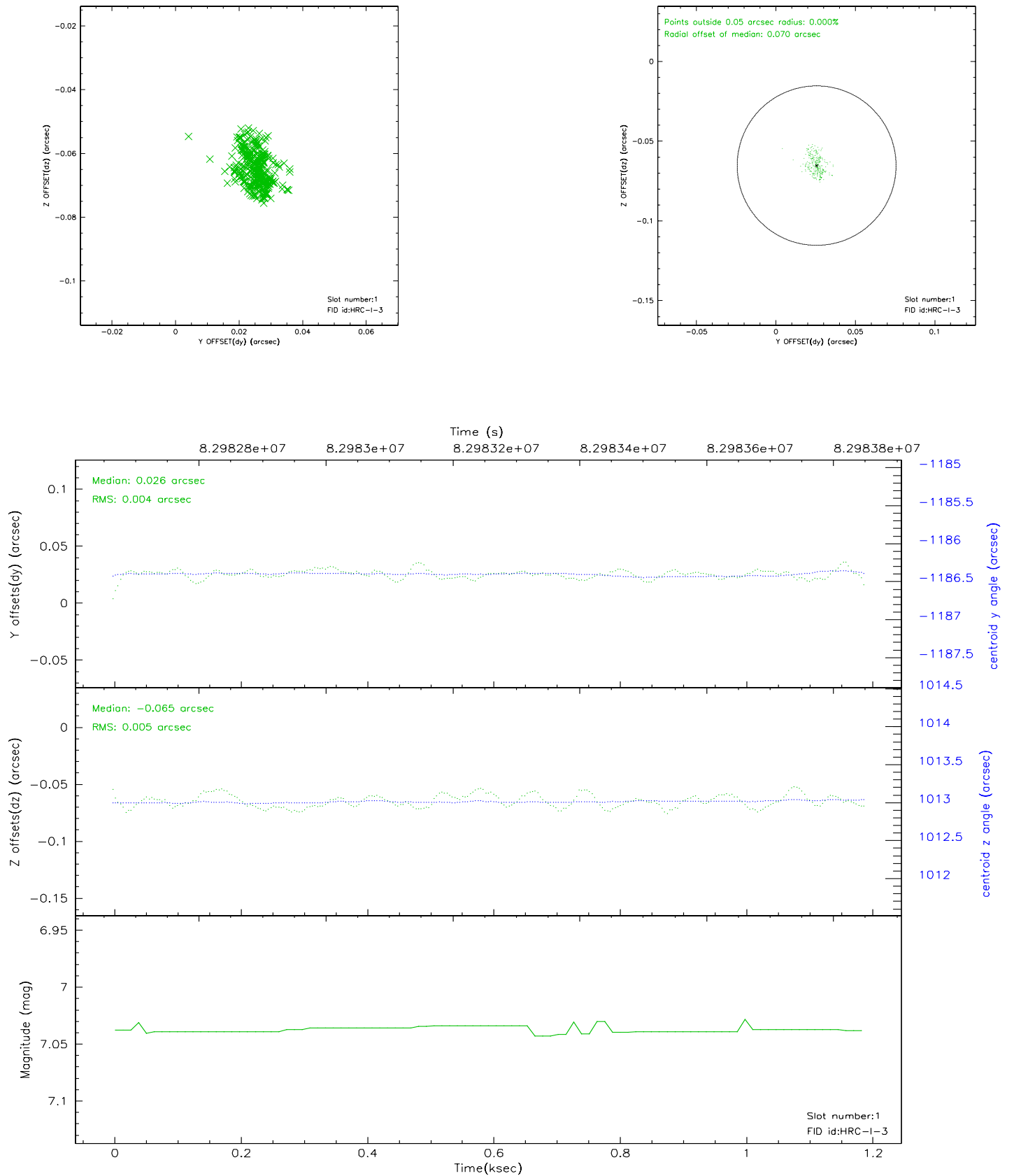


2.5 FID Slots

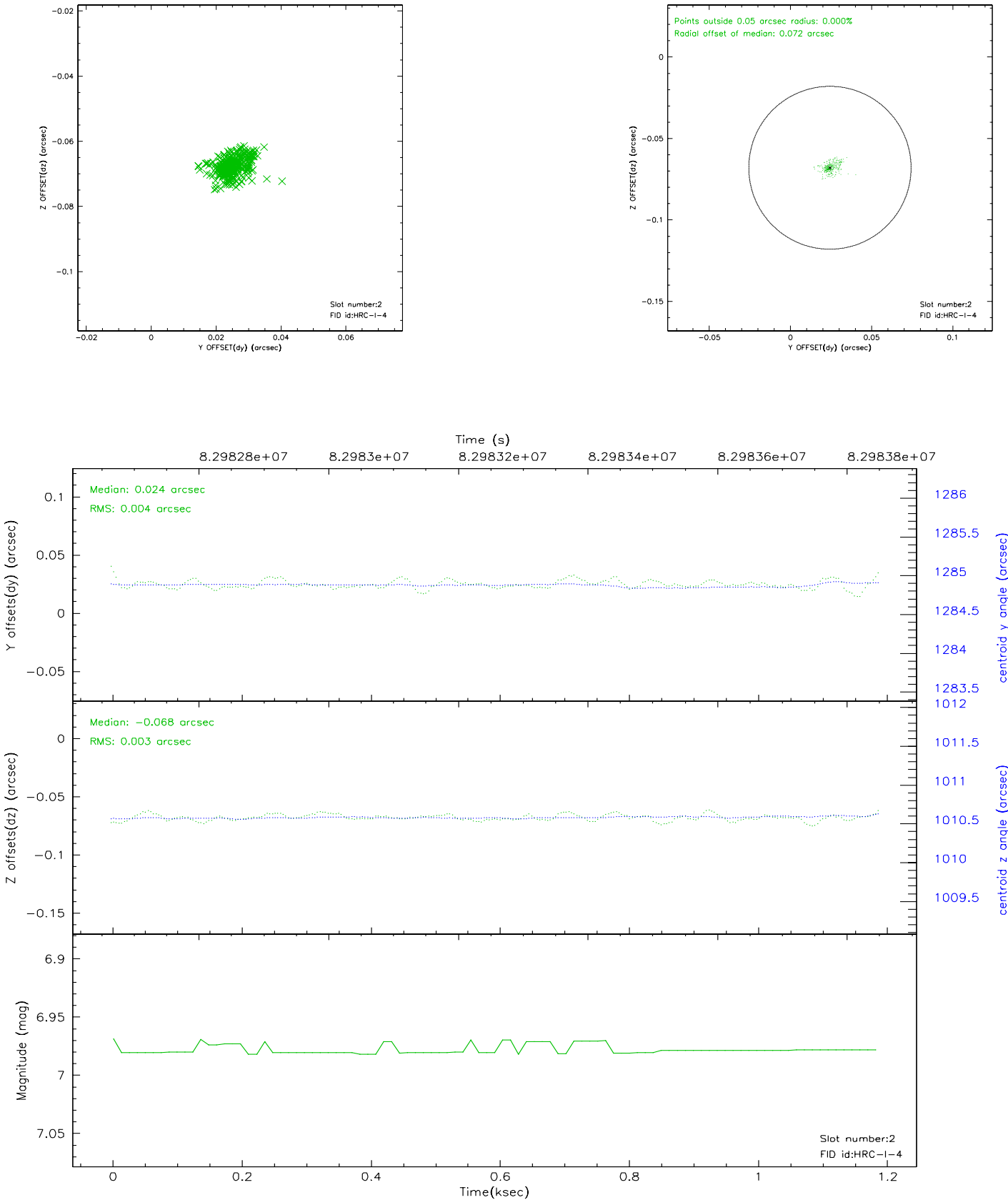
2.5.1 Slot 0



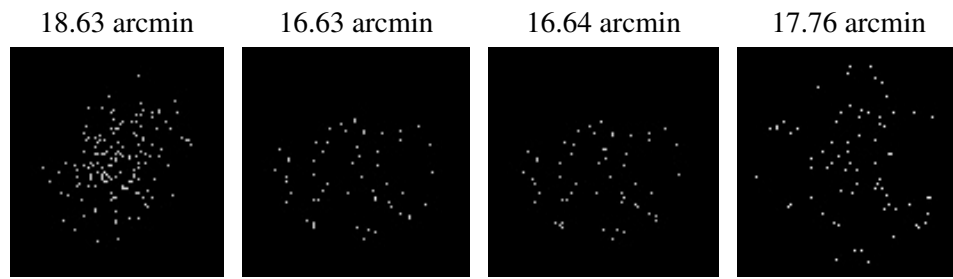
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.12.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.192

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.