

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3735 - L2 Version 3
Chandra X-Ray Center

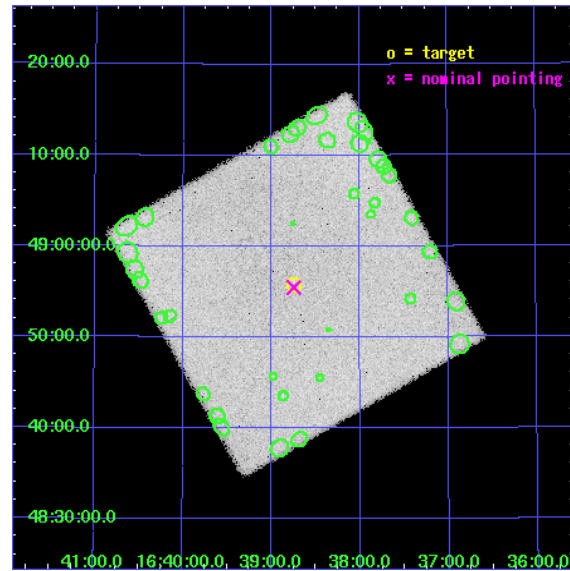
L2 Processing Date : Nov 23 2007

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1 Front

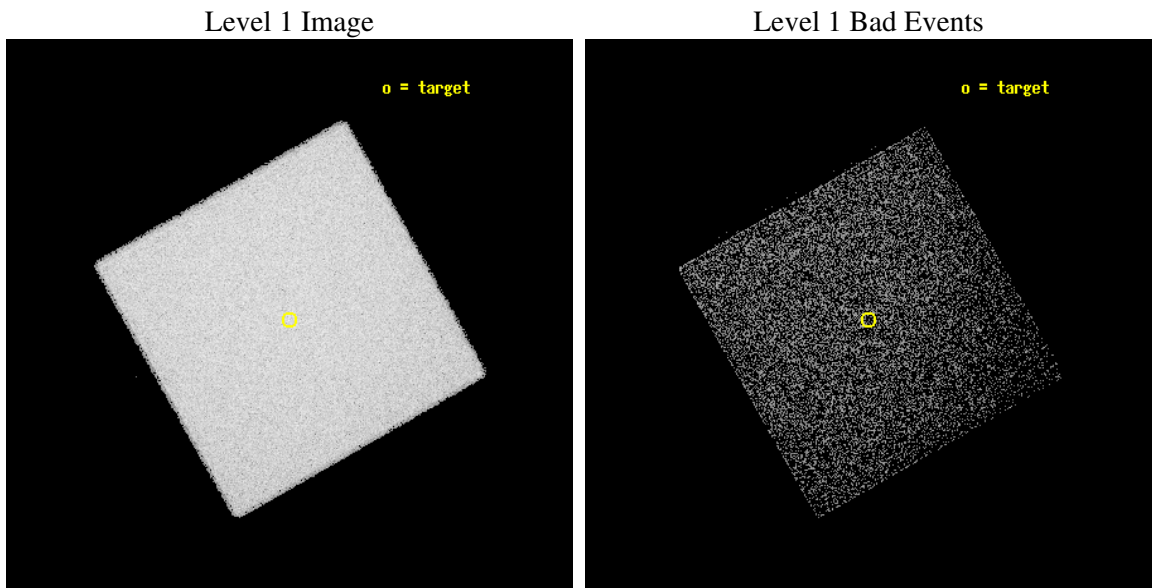
seq_num	200205
obs_id	3735
title	X-RAY ACTIVITY IN M-TYPE GIANTS
observer	Dr Matthias Huensch
object	HR 6200
ra_targ	249.6875
dec_targ	48.928333
ra_nom	249.68663041244
dec_nom	48.924681164652
roll_nom	285.45637001344
revision	3
ontime	2567.8813601732
livetime	2042.385471535
l2events	354320



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	2007-11-23T20:21:08
revision	3

sched_exp_time	2671.760000
ontime	2567.8813601732
l1events	564382

2.1.3 Events

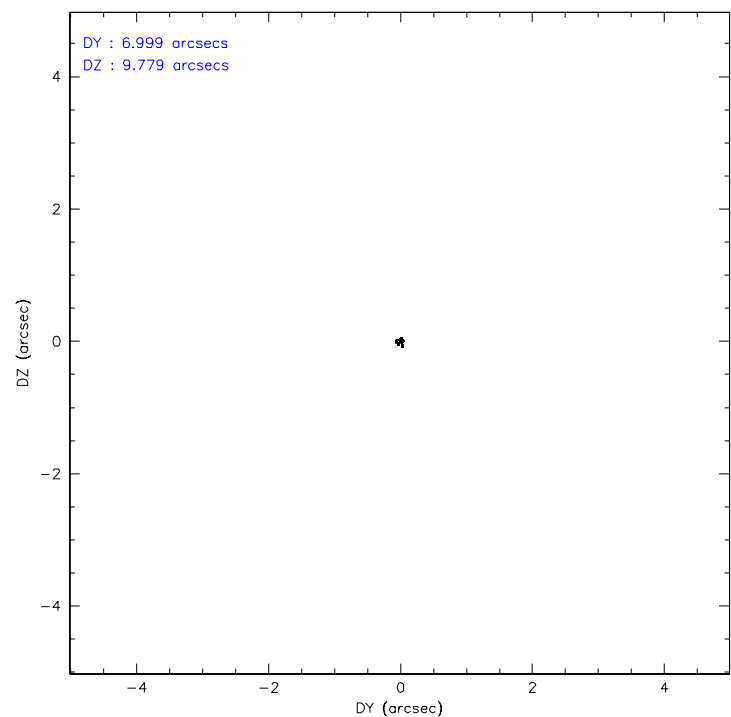
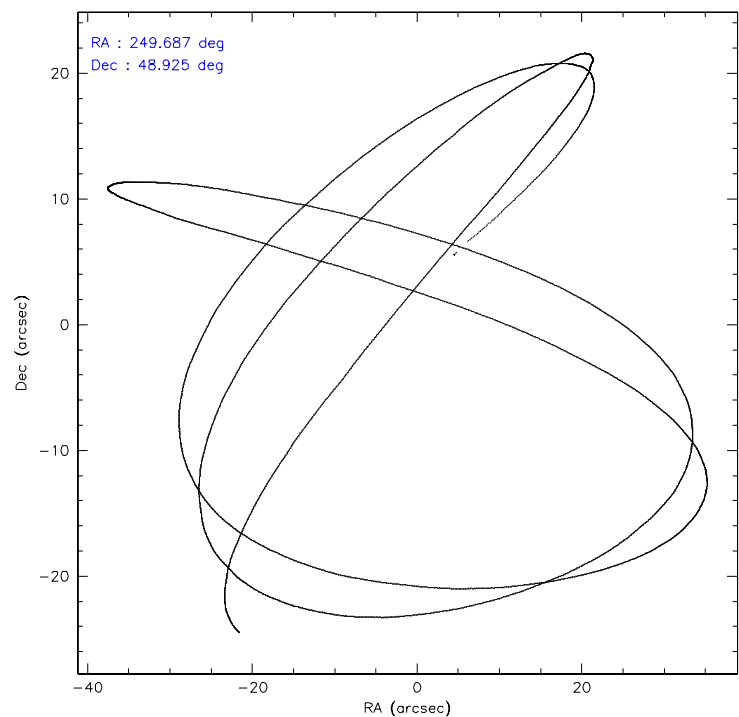
Level 1 Events

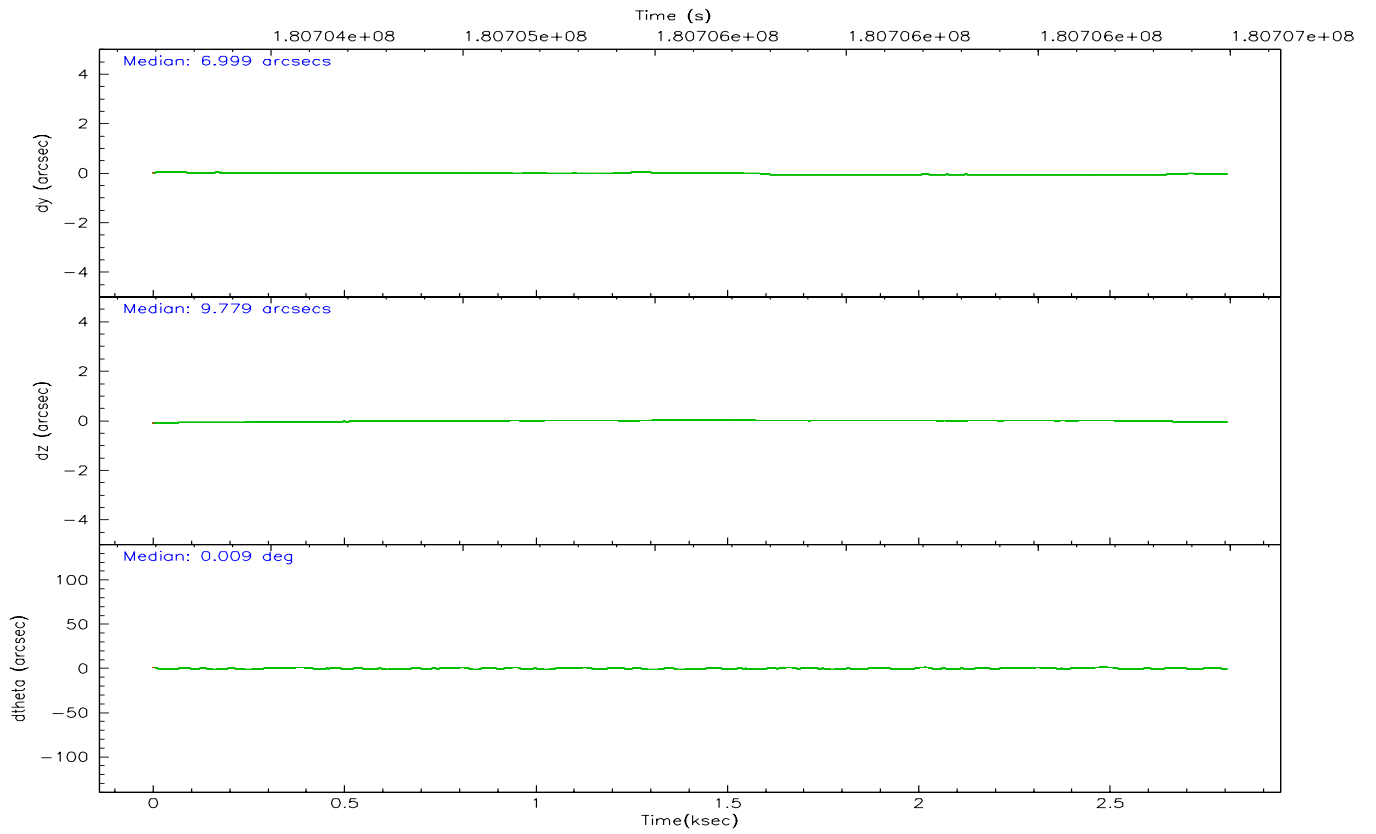
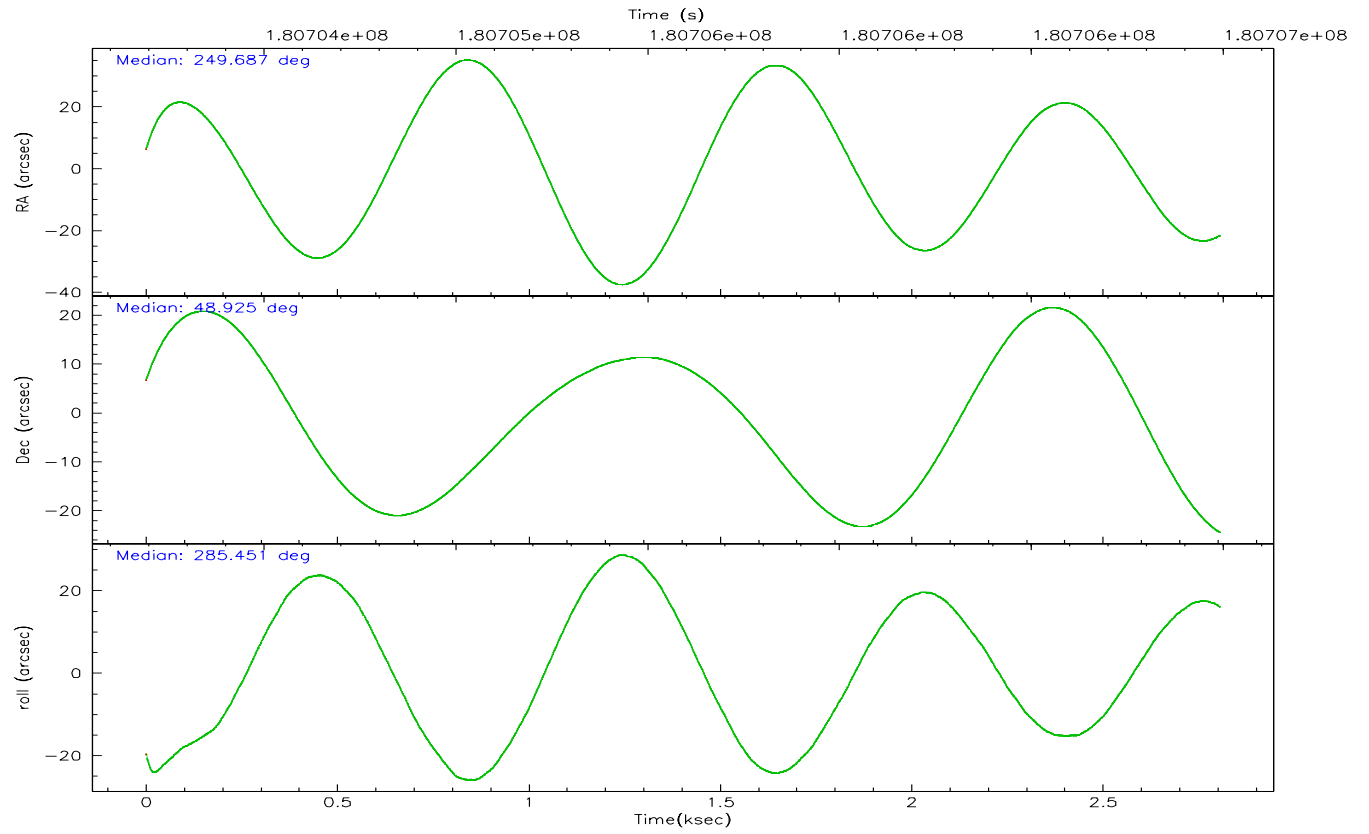
	segment 0
level 1 events	564382
rejected events	90796
rejected %	16%

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	249.656630	249.6866304124358			
Pointing Dec	48.942752	48.92468116465187			
Pointing Roll	285.574546	285.4563700134449			
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	180704325.184000	180703563.60123			
Observation start date	2003-09-23T11:37:41	2003-09-23T11:26:03			
Observation end time	180706997.184000	180707312.0264			
Observation end date	2003-09-23T12:22:13	2003-09-23T12:28:32			

2.3 Aspect



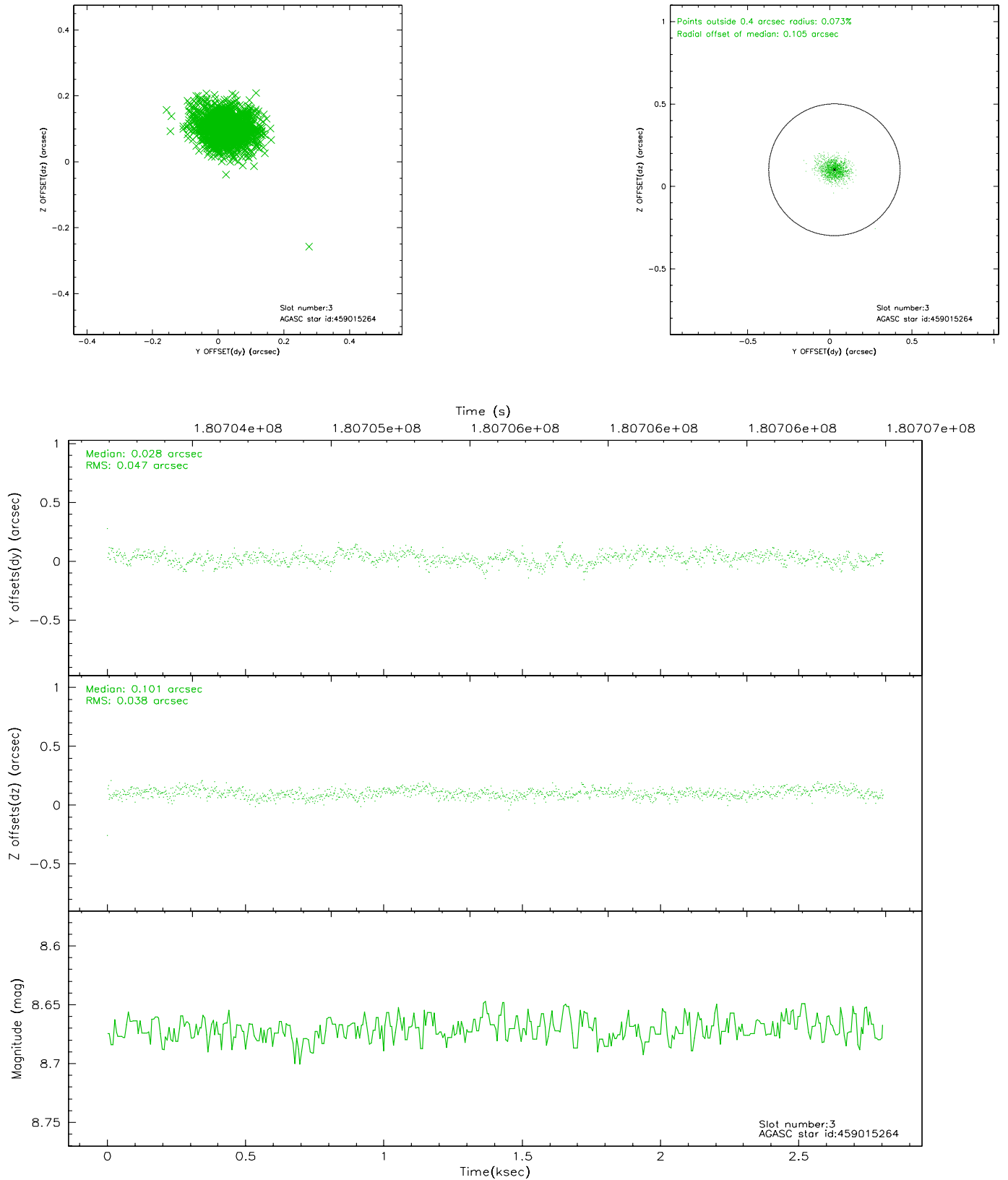


Slot Statistics

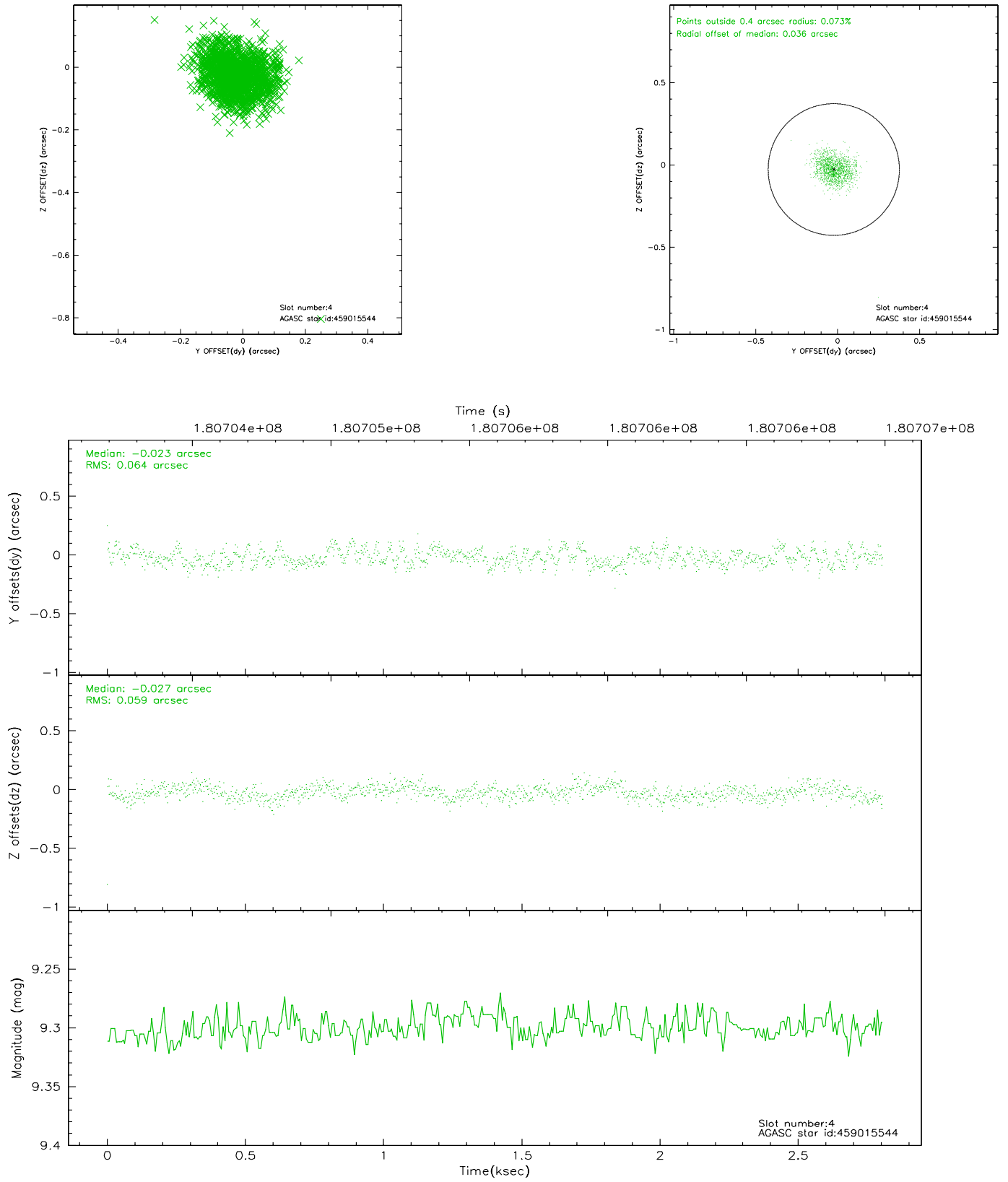
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	685	0.001	0.038	0.007	0.011	0.000000	0.000000	-762.56	-1297.66
1	FID	HRC-I-2	7.00	685	0.078	-0.045	0.006	0.010	0.000000	0.000000	849.03	-1301.21
2	FID	HRC-I-3	7.05	685	0.040	-0.082	0.006	0.010	0.000000	0.000000	-1189.77	1004.89
3	GUIDE	459015264	8.67	1370	0.028	0.101	0.062	0.107	250.664532	48.489916	2202.54	1883.17
4	GUIDE	459015544	9.30	1370	-0.023	-0.027	0.093	0.144	250.182832	49.417181	-1315.08	1647.92
5	GUIDE	459018000	9.98	1367	0.092	-0.032	0.139	0.239	249.381791	48.391685	1734.65	-1164.10
6	GUIDE	459019960	9.33	1370	-0.131	-0.028	0.104	0.168	248.543118	49.224664	-1695.87	-2245.46
7	GUIDE	459025480	8.84	1369	0.030	-0.003	0.077	0.123	250.146196	49.166453	-469.27	1325.44

2.4 Star Slots

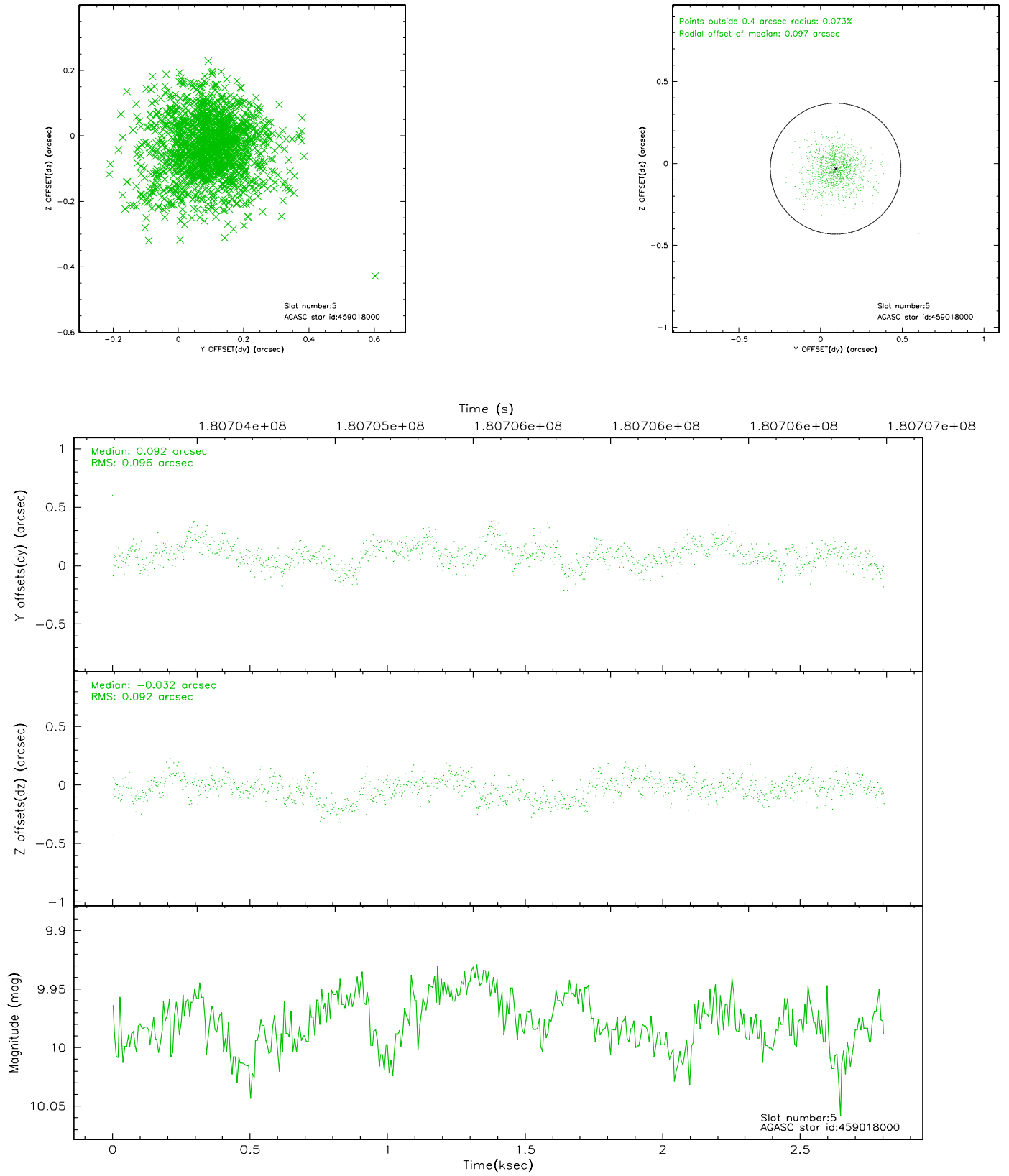
2.4.1 Slot 3



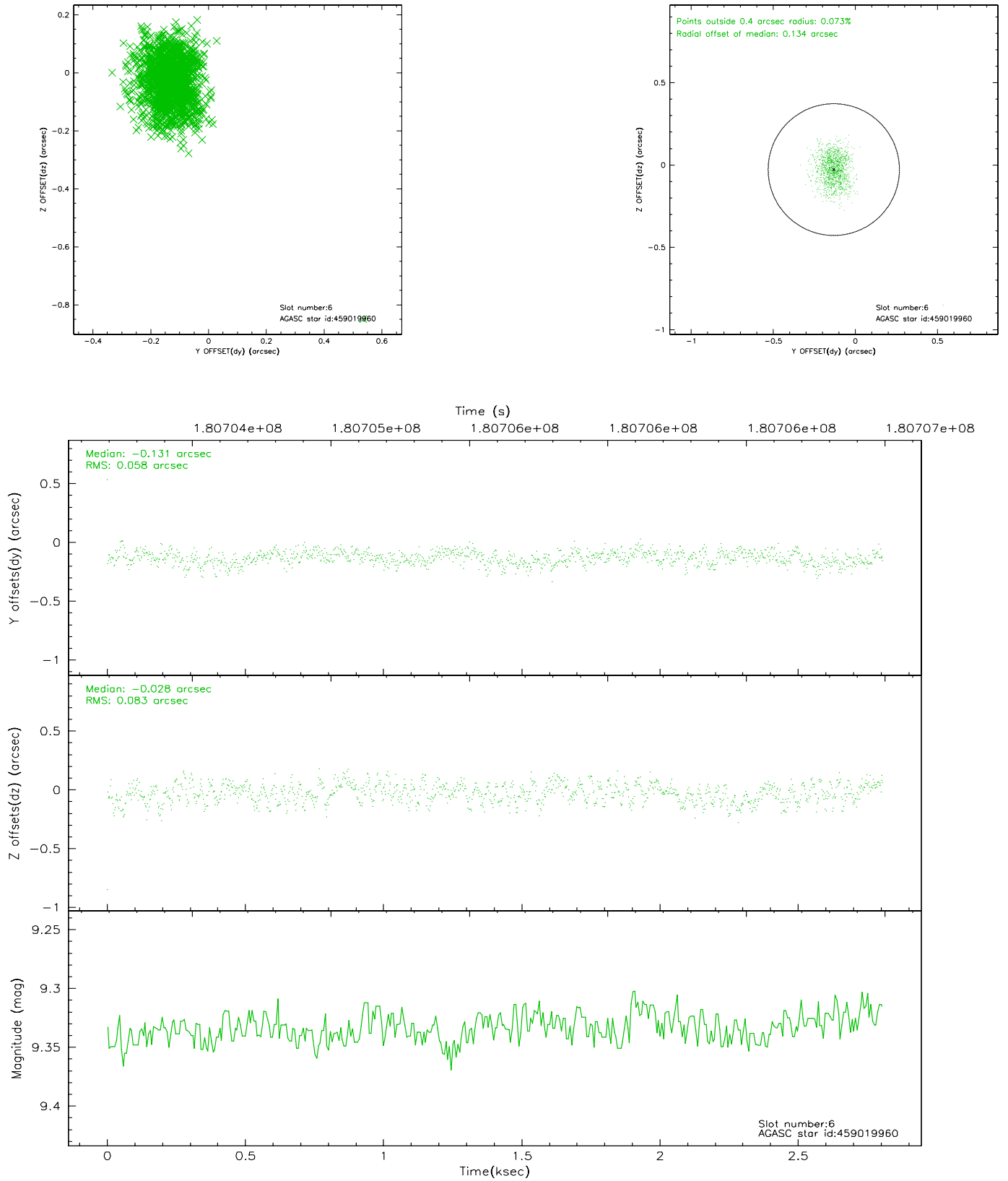
2.4.2 Slot 4



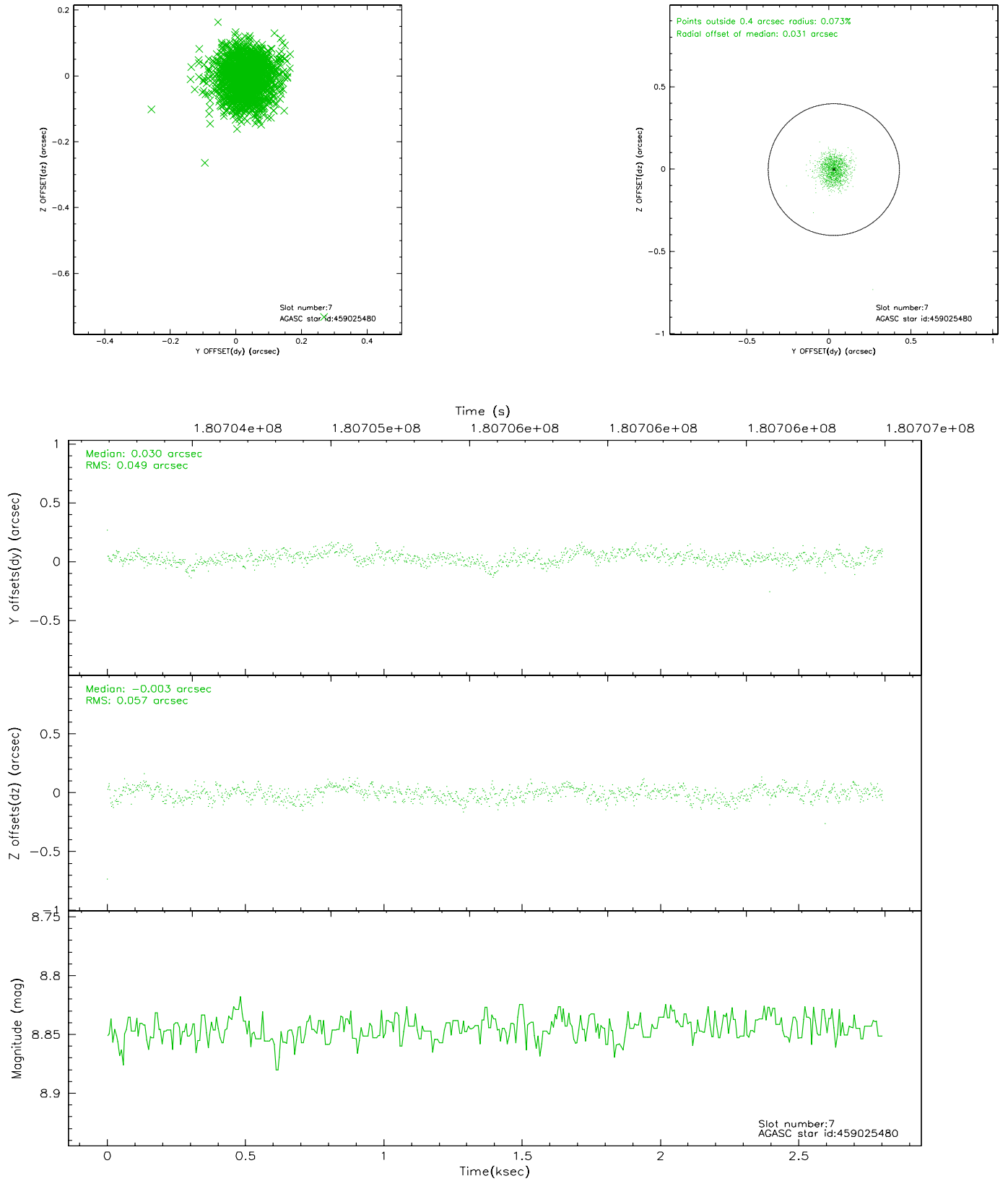
2.4.3 Slot 5



2.4.4 Slot 6

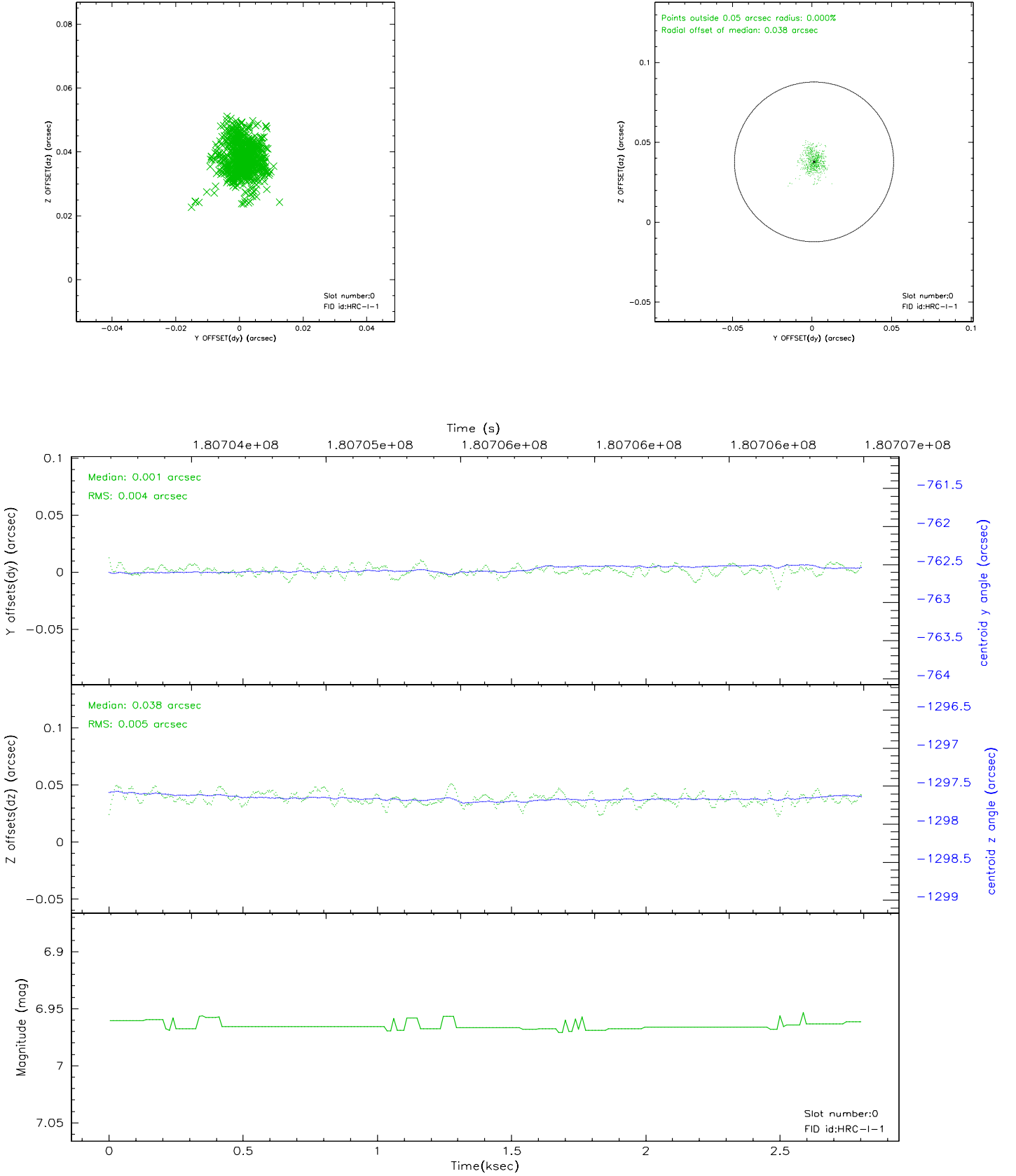


2.4.5 Slot 7

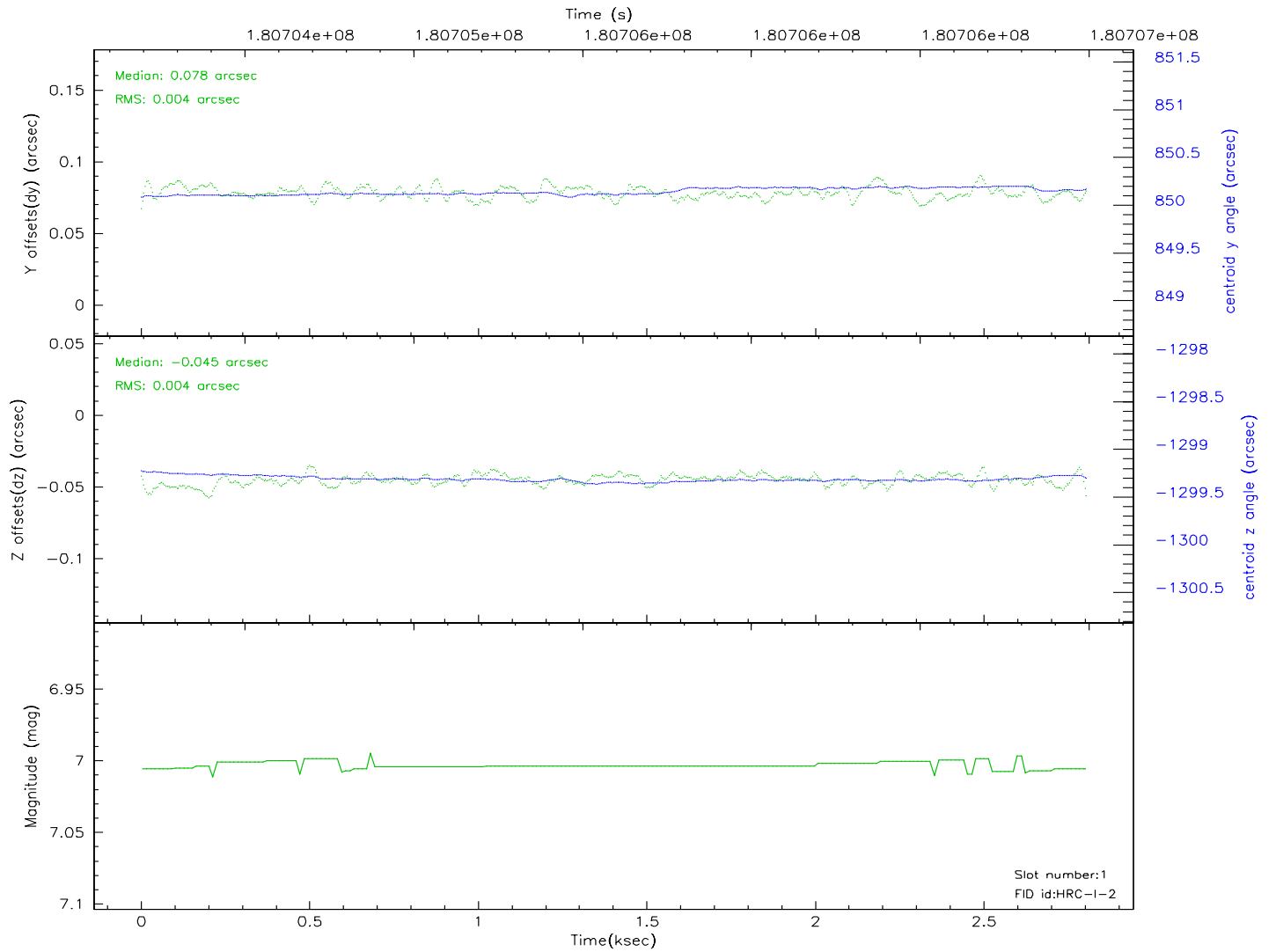
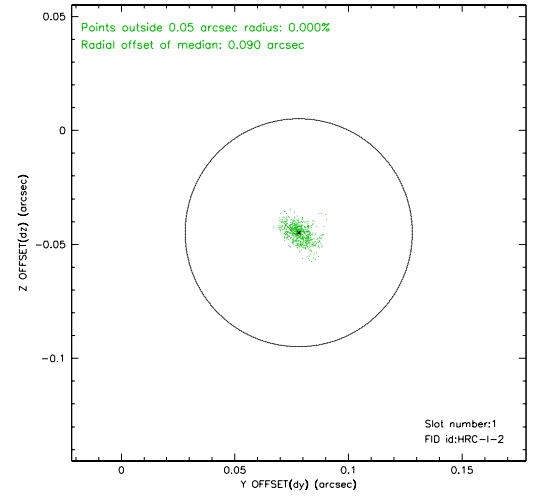
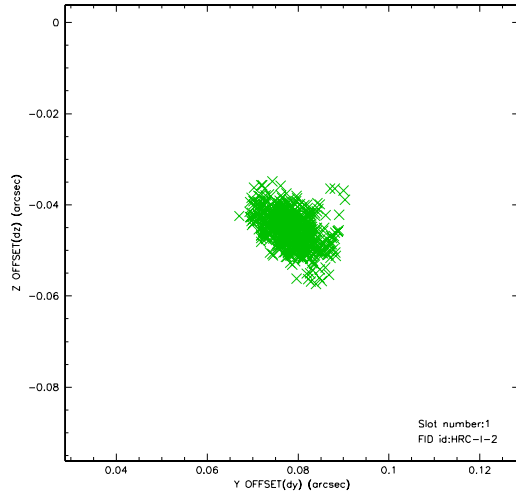


2.5 FID Slots

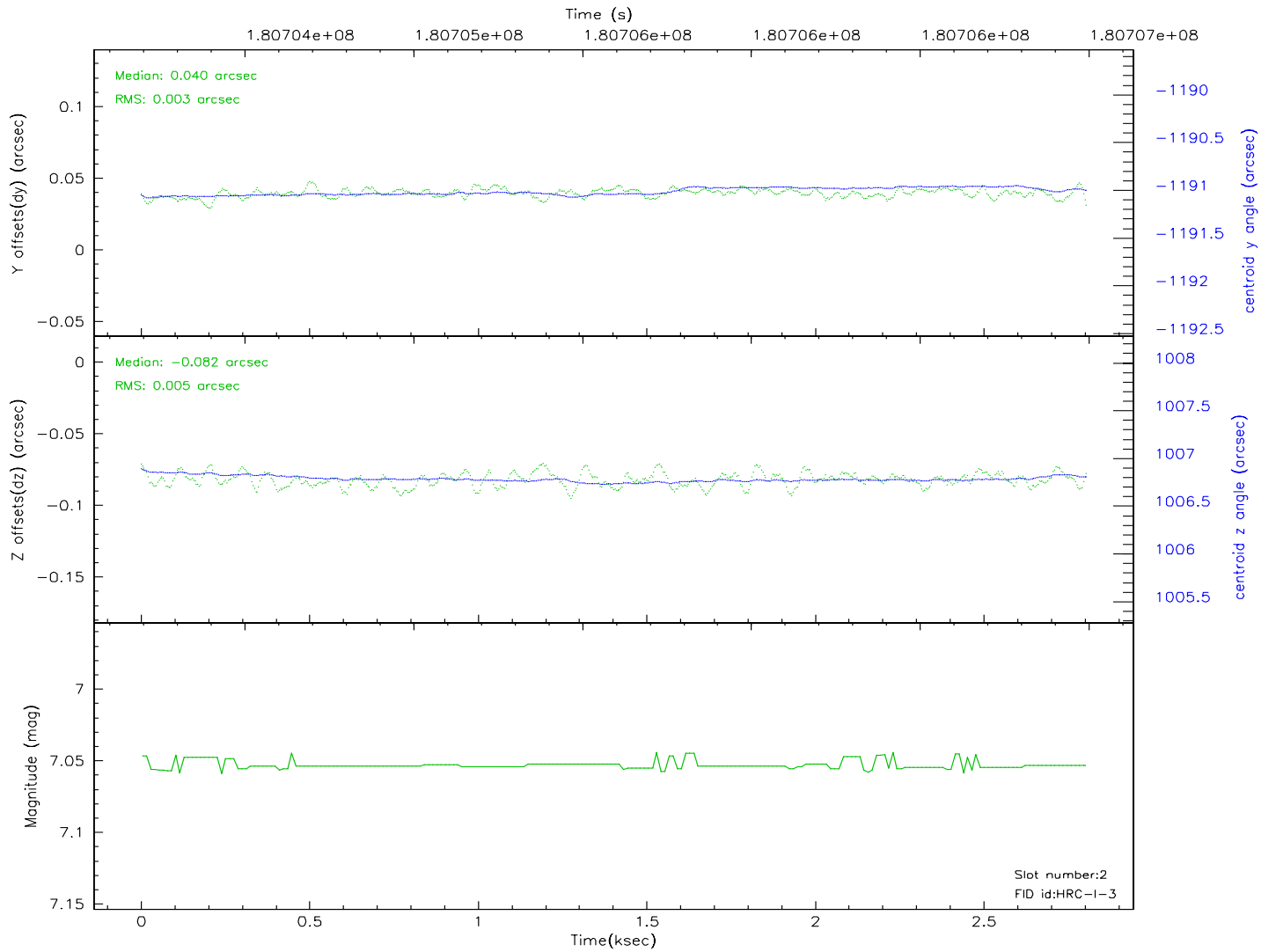
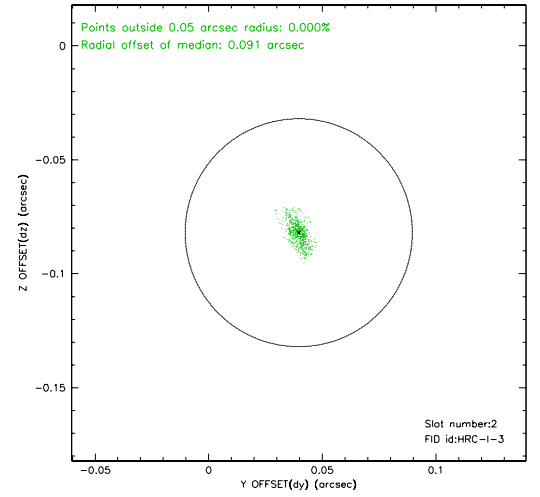
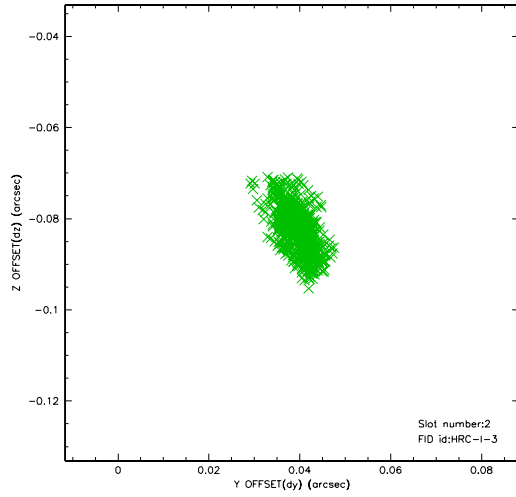
2.5.1 Slot 0



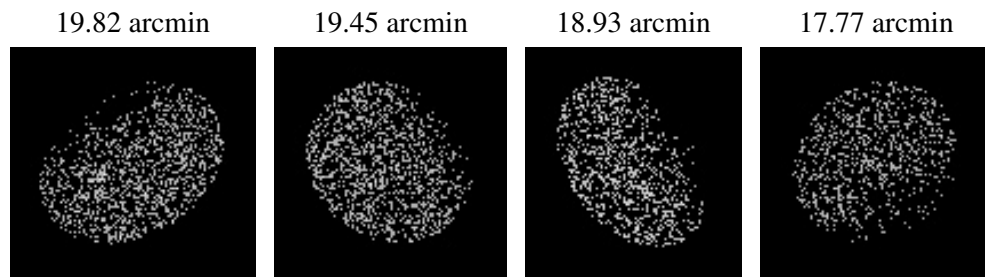
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.567

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.