

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1816 - L2 Version 3
Chandra X-Ray Center

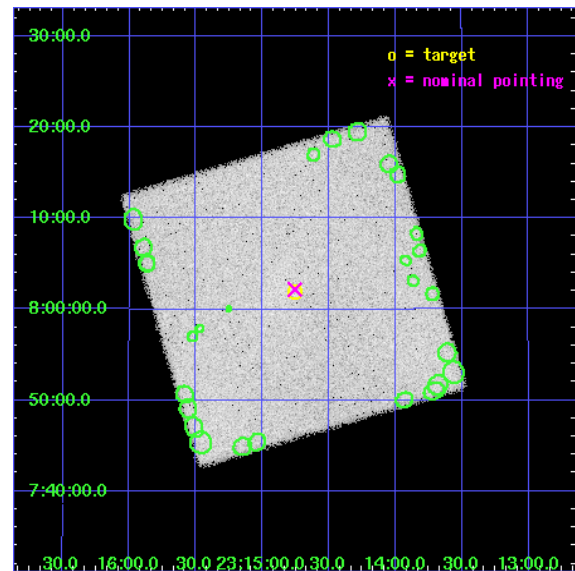
L2 Processing Date : Nov 20 2007

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1 Front

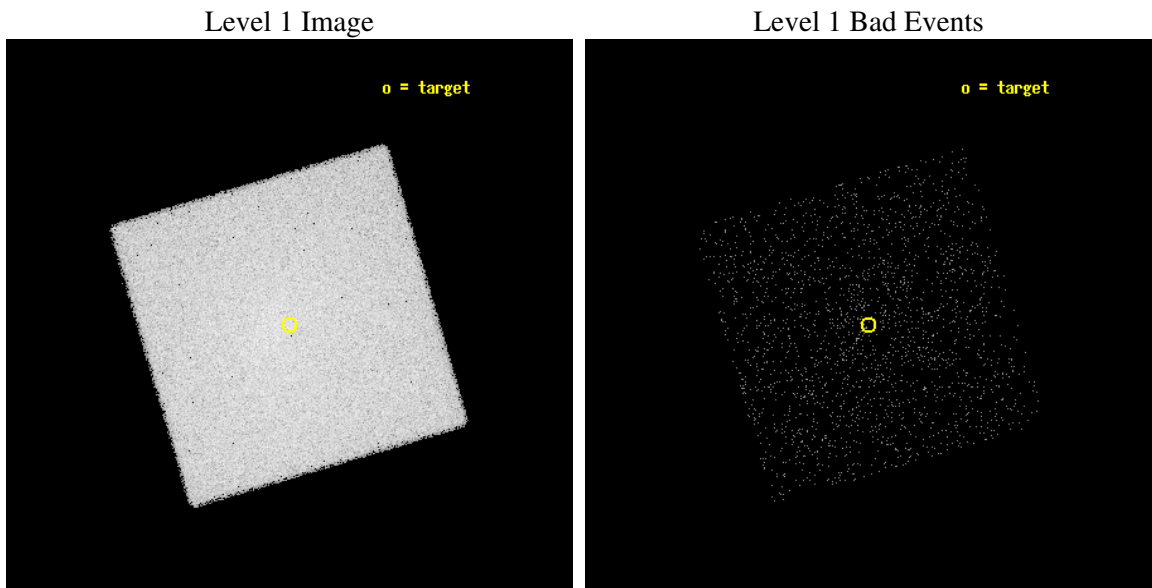
seq_num	100009
obs_id	1816
title	SOLVING THE PUZZLE OF COMETARY X-RAY ORIGIN: OBSERVATIONS OF COMET 10P/TEMPEL 2
observer	DR W. THOMAS VESTRAND
object	LINEAR 2001 A2
ra_targ	348.689587
dec_targ	8.031885
ra_nom	348.68891568991
dec_nom	8.0363804958592
roll_nom	118.57196794606
revision	3
ontime	2348.5313418508
livetime	2287.8071089982
l2events	275758



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	2007-11-20T16:52:44
revision	3

sched_exp_time	2150.000000
ontime	2348.5313418508
l1events	384097

2.1.3 Events

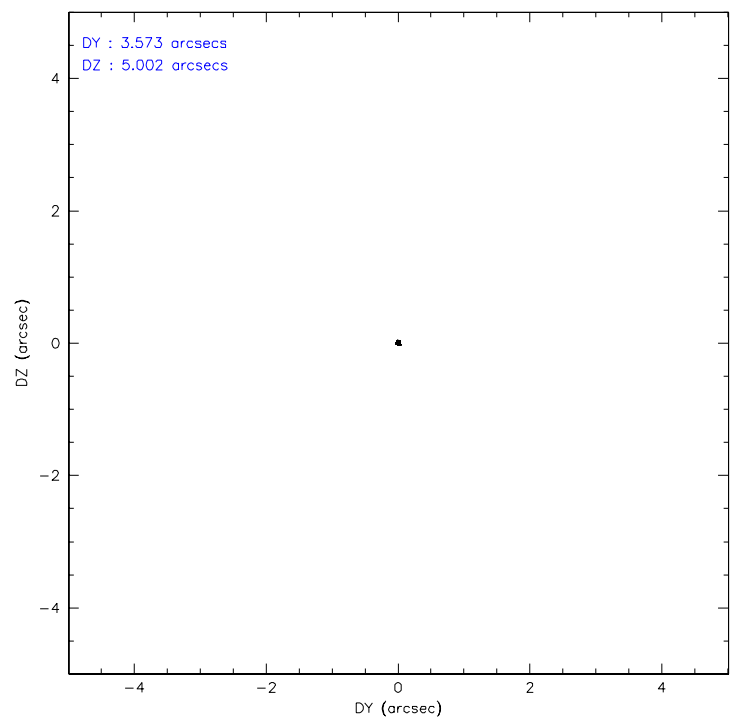
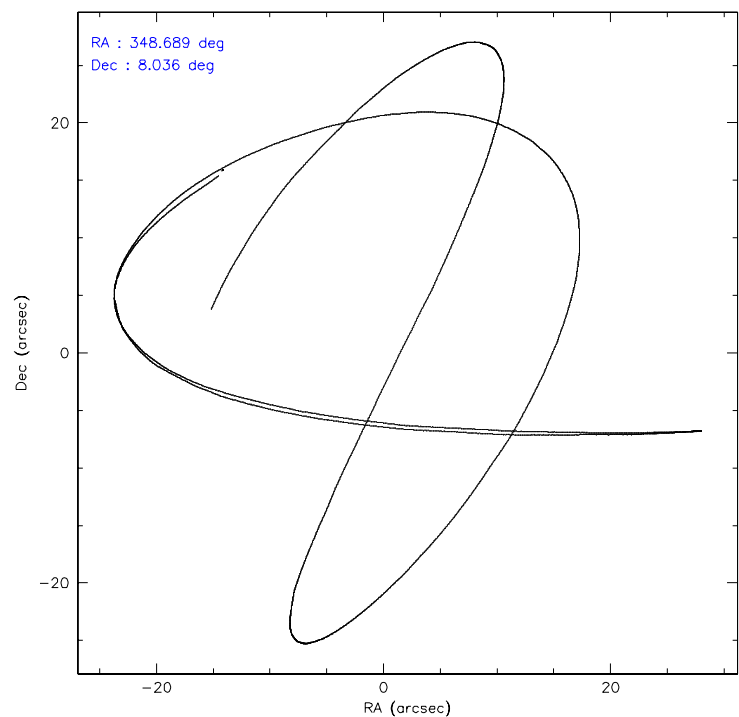
Level 1 Events

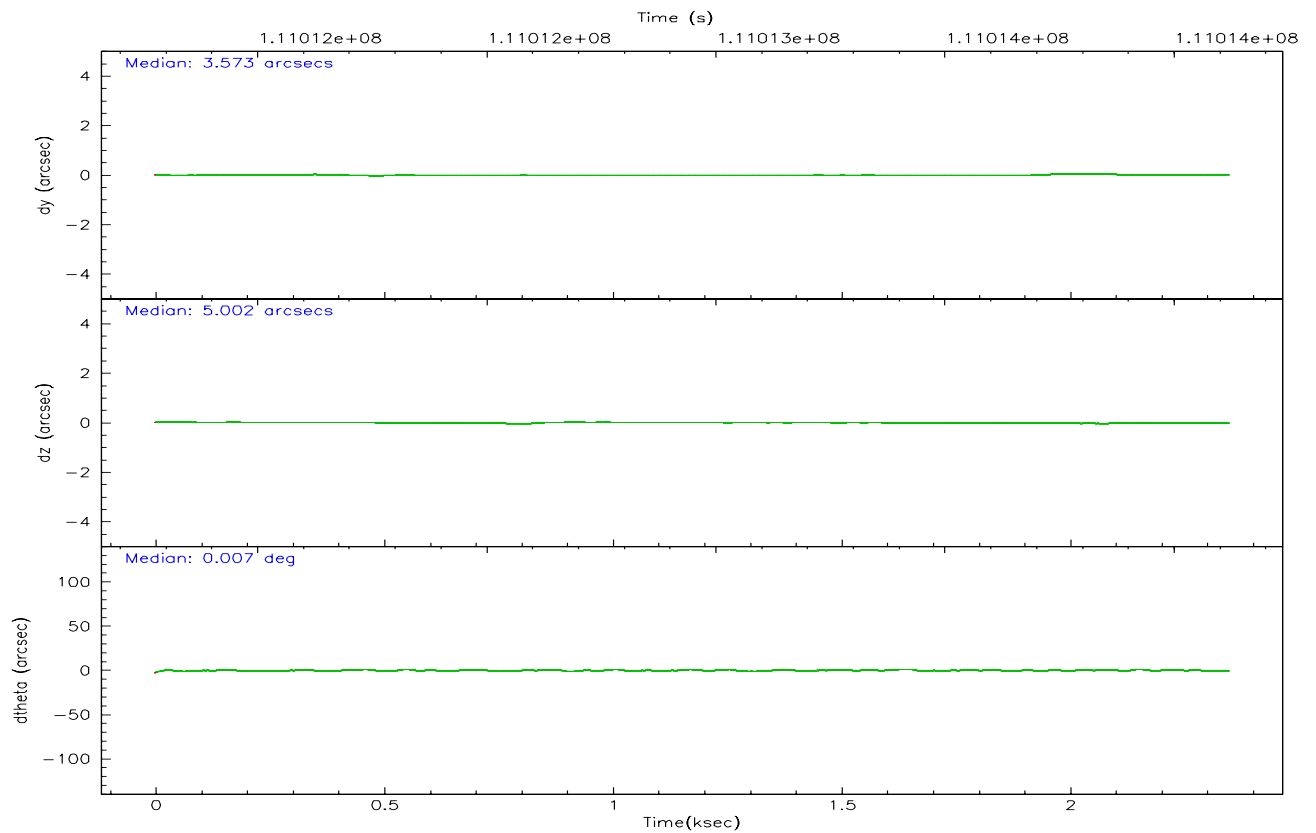
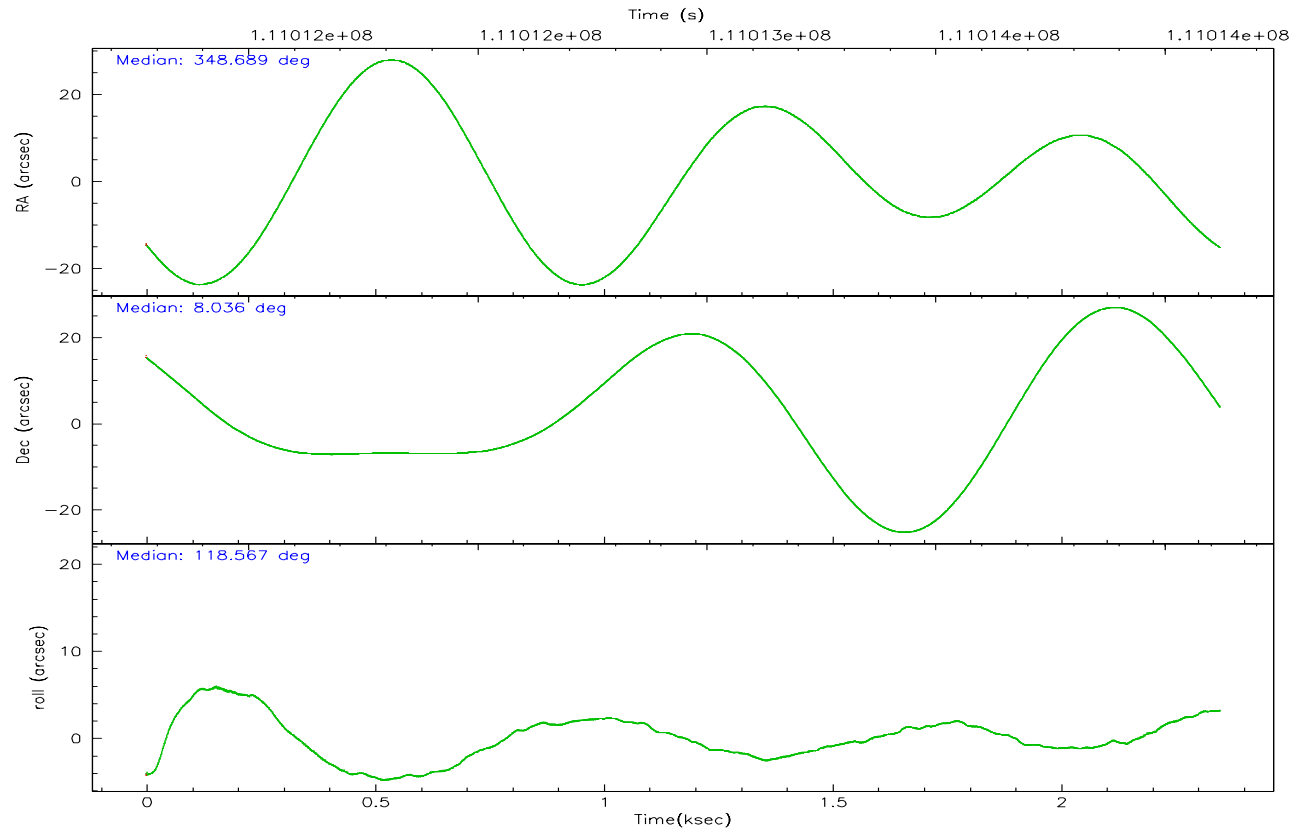
	segment 0
level 1 events	384097
rejected events	25741
rejected %	6%

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	348.712831	348.6889156899126			
Pointing Dec	8.022441	8.036380495859218			
Pointing Roll	118.664107	118.5719679460558			
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	111011972.184000	111011596.7332			
Observation start date	2001-07-08T20:38:28	2001-07-08T20:33:16			
Observation end time	111014122.184000	111014256.60831			
Observation end date	2001-07-08T21:14:18	2001-07-08T21:17:36			

2.3 Aspect



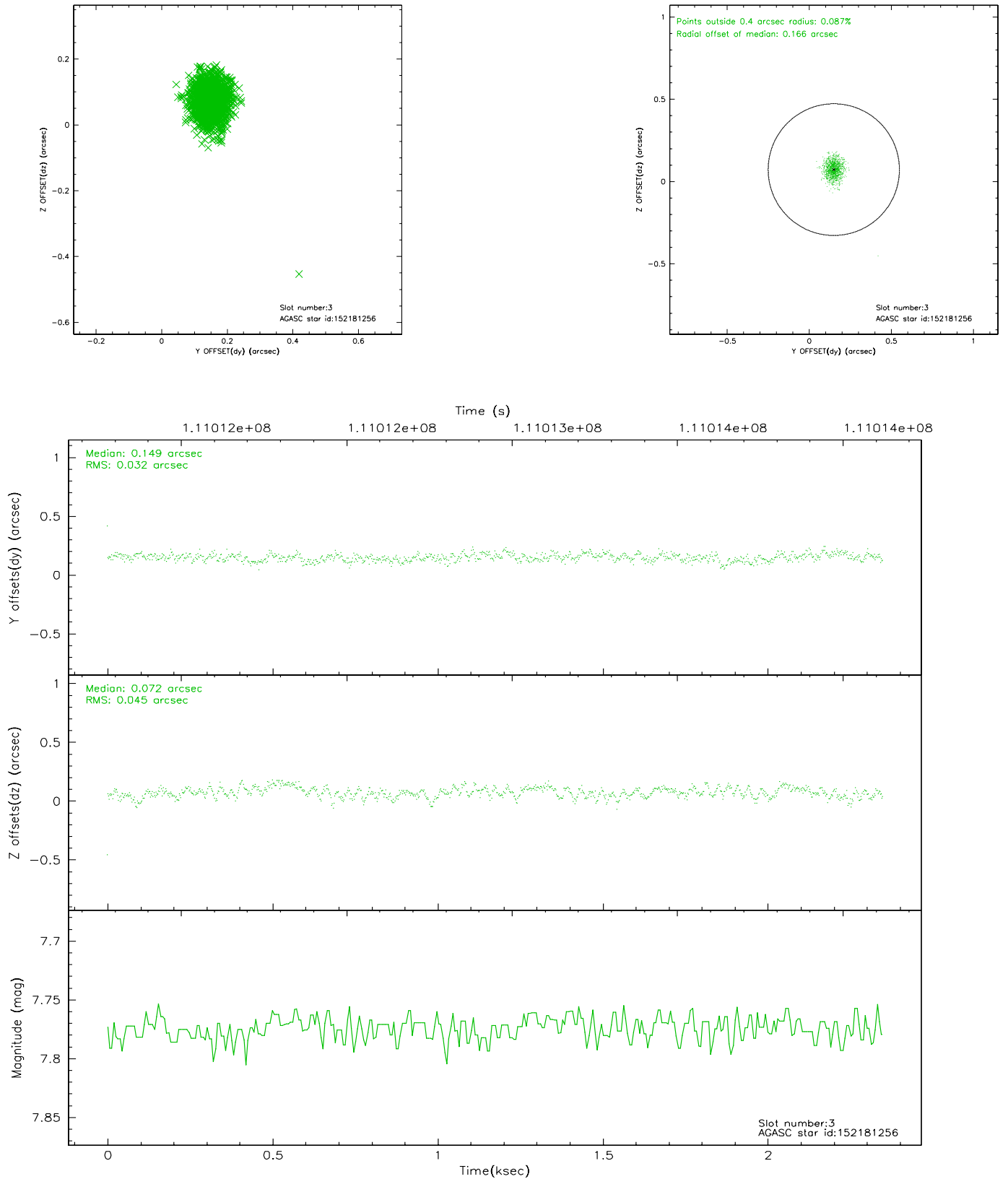


Slot Statistics

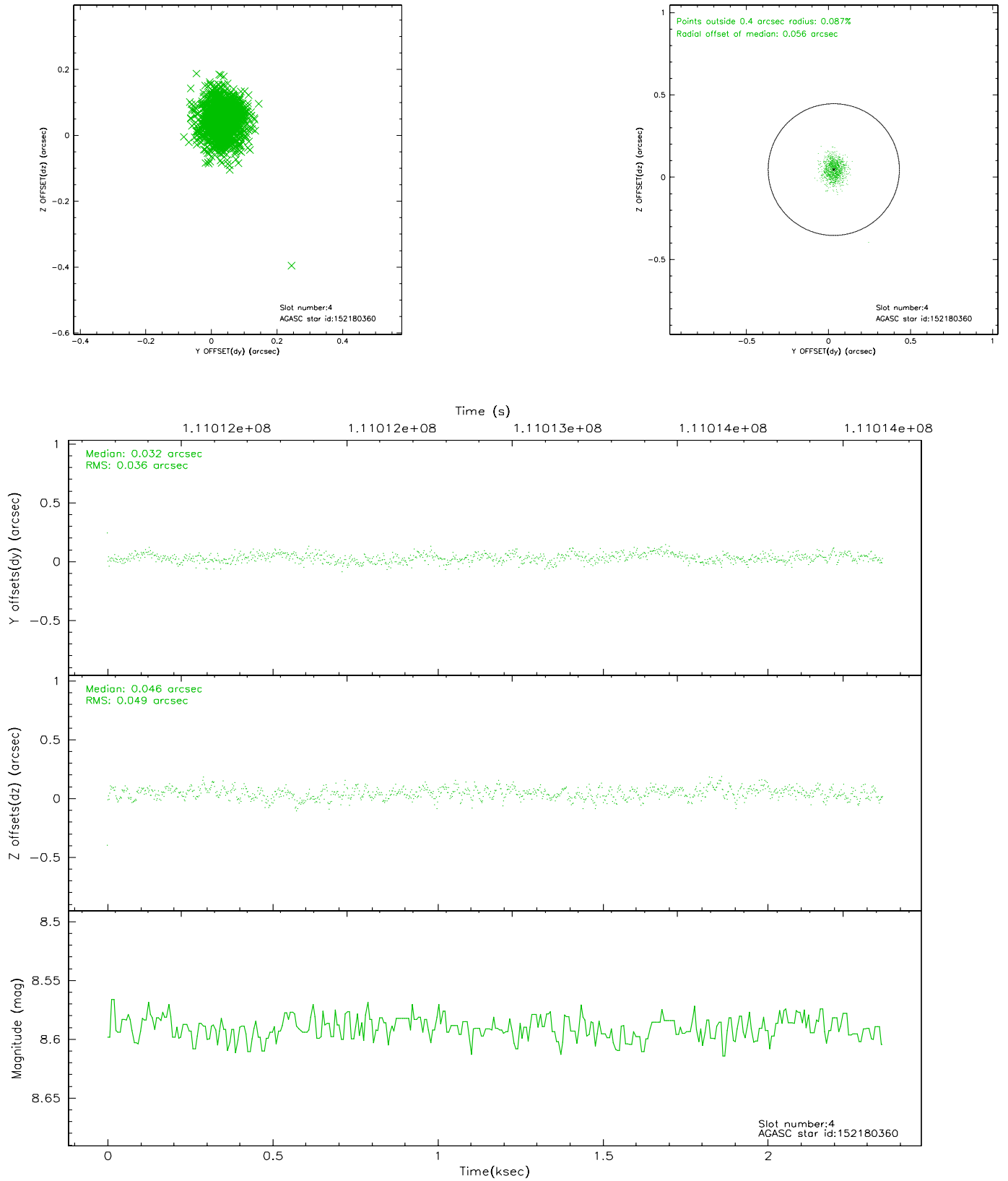
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.01	574	0.048	-0.015	0.006	0.011	0.000000	0.000000	853.65	-1294.40
1	FID	HRC-I-3	7.06	574	0.014	-0.024	0.006	0.010	0.000000	0.000000	-1186.08	1009.41
2	FID	HRC-I-4	7.00	574	0.056	-0.048	0.006	0.010	0.000000	0.000000	1281.69	1011.07
3	GUIDE	152181256	7.77	1147	0.149	0.072	0.056	0.090	349.141958	7.580367	-2132.18	-581.42
4	GUIDE	152180360	8.59	1147	0.032	0.046	0.063	0.101	349.110181	8.037159	-636.14	-1269.69
5	GUIDE	152181664	8.63	1147	-0.287	0.182	0.088	0.136	348.774873	8.789488	2314.33	-1519.70
6	GUIDE	152188480	8.91	1147	-0.037	-0.134	0.076	0.122	348.517103	8.131940	680.50	420.95
7	GUIDE	76418312	9.12	1146	0.140	-0.169	0.092	0.147	348.593333	7.241033	-2265.08	1723.29

2.4 Star Slots

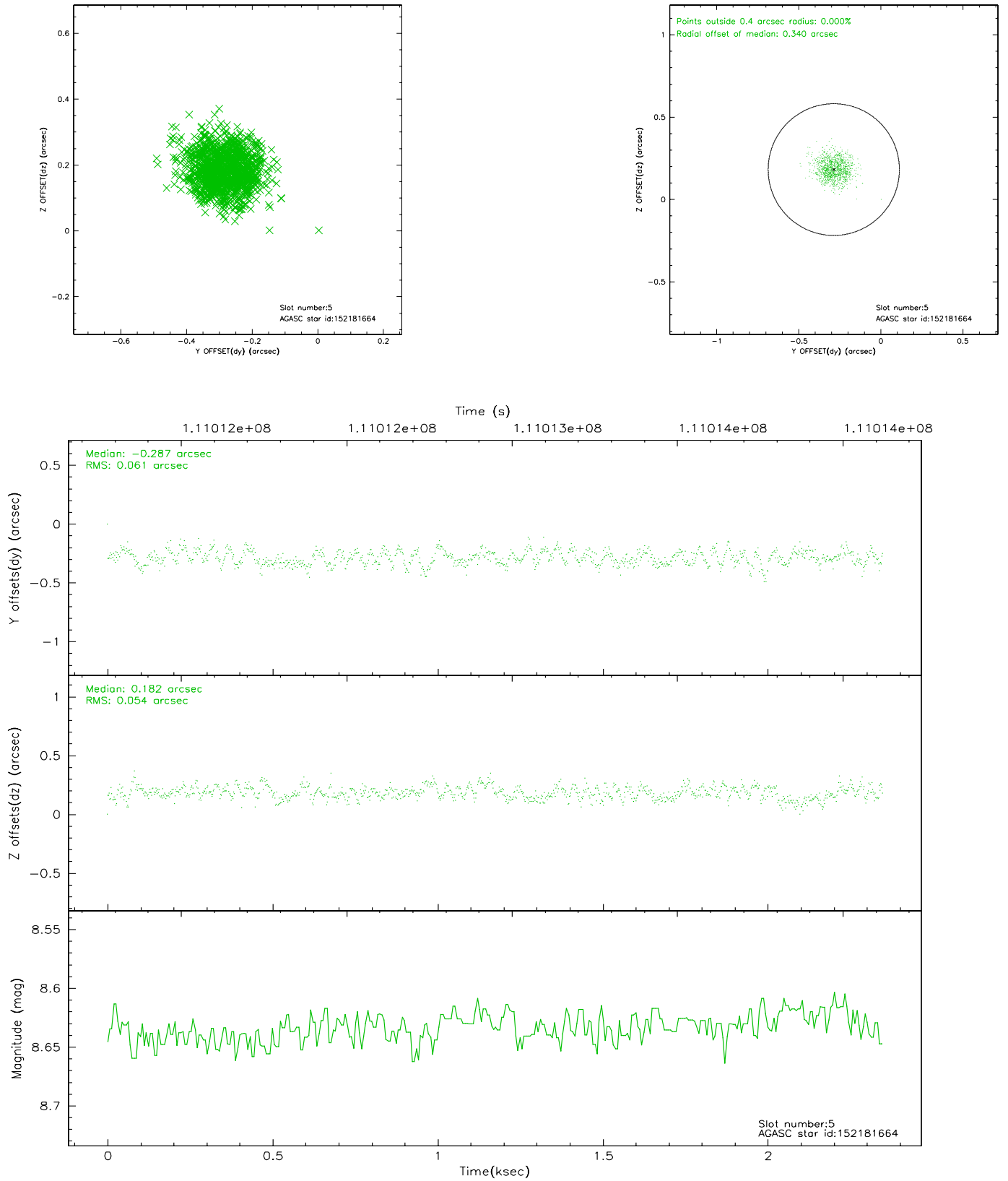
2.4.1 Slot 3



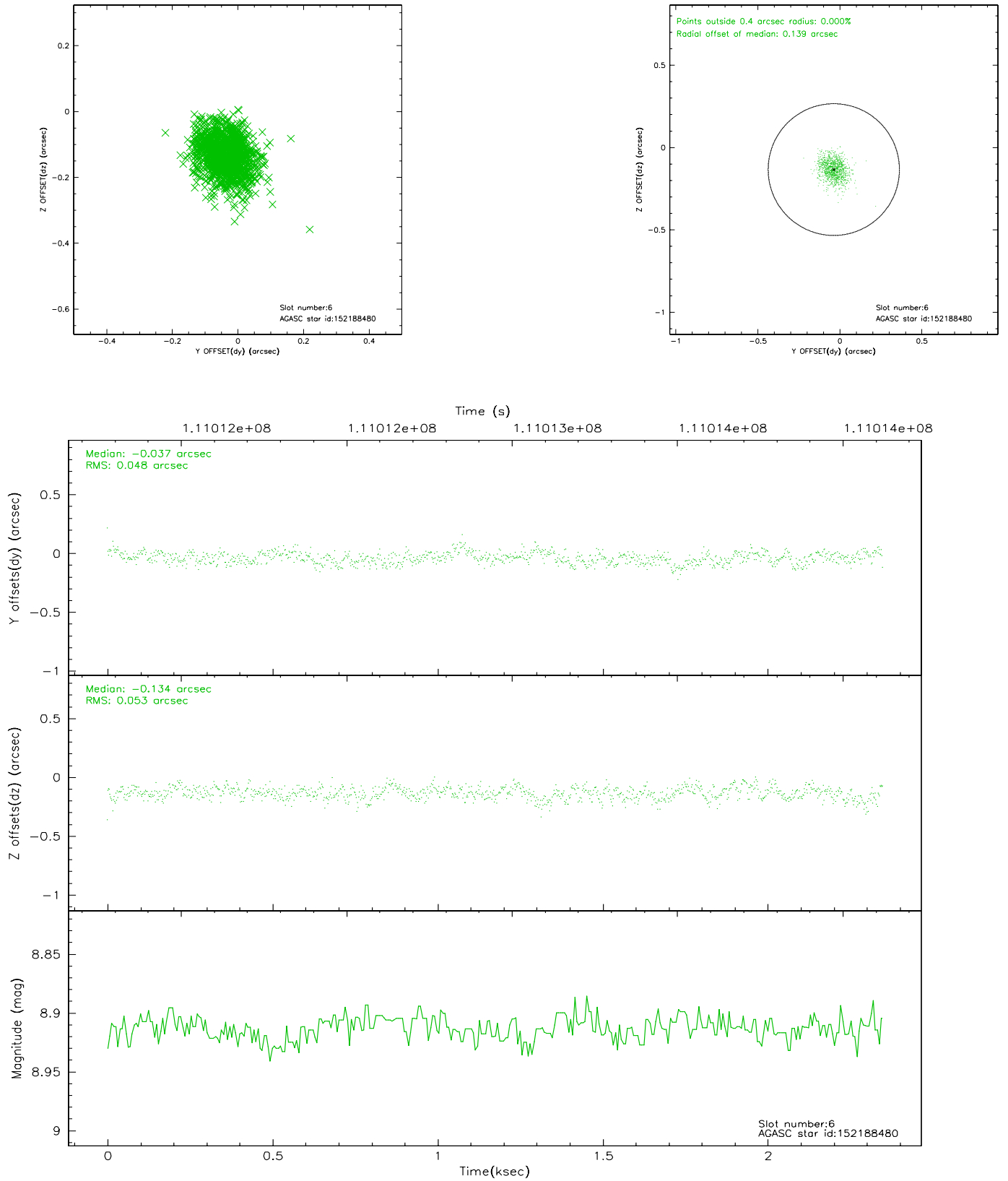
2.4.2 Slot 4



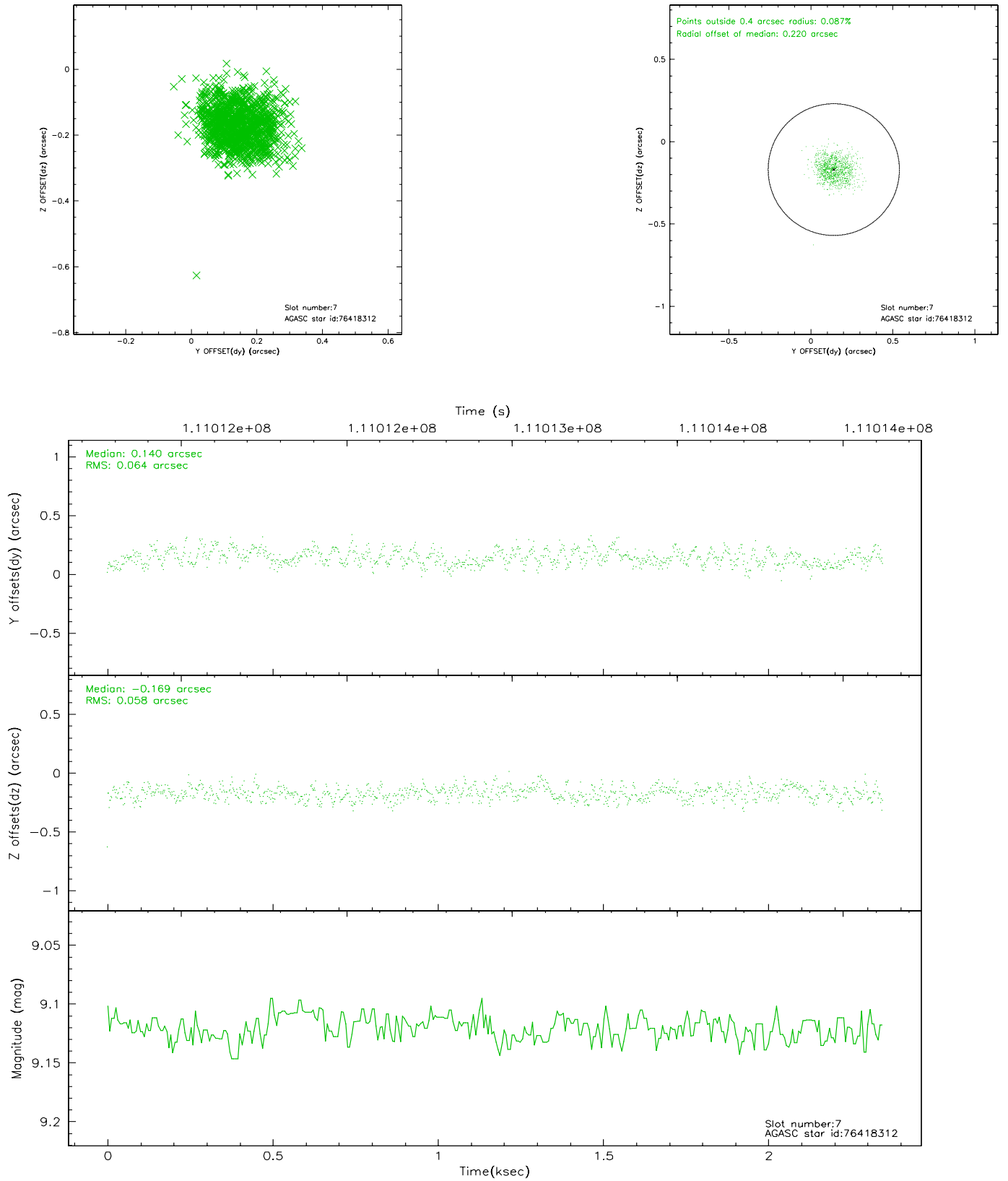
2.4.3 Slot 5



2.4.4 Slot 6

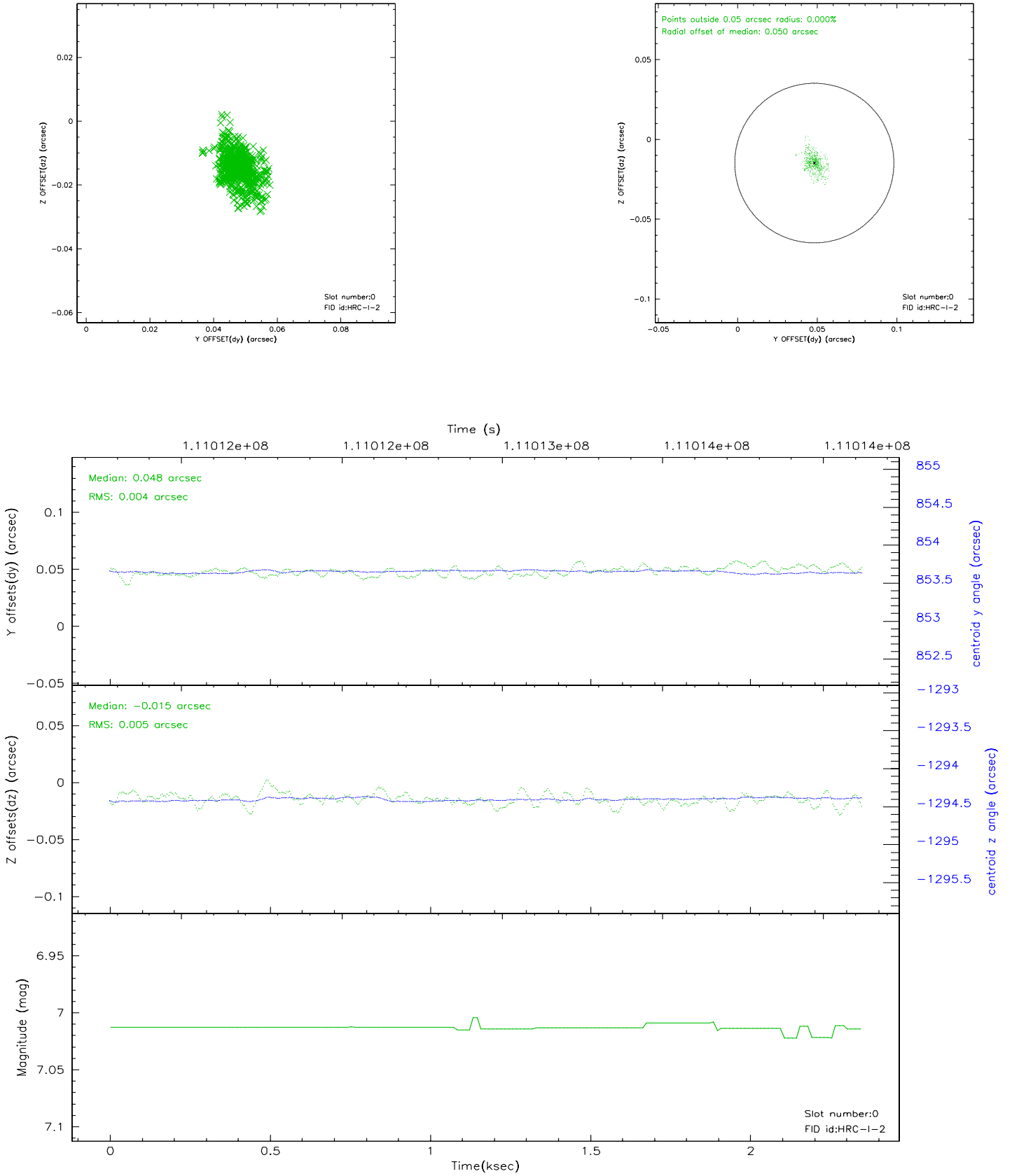


2.4.5 Slot 7

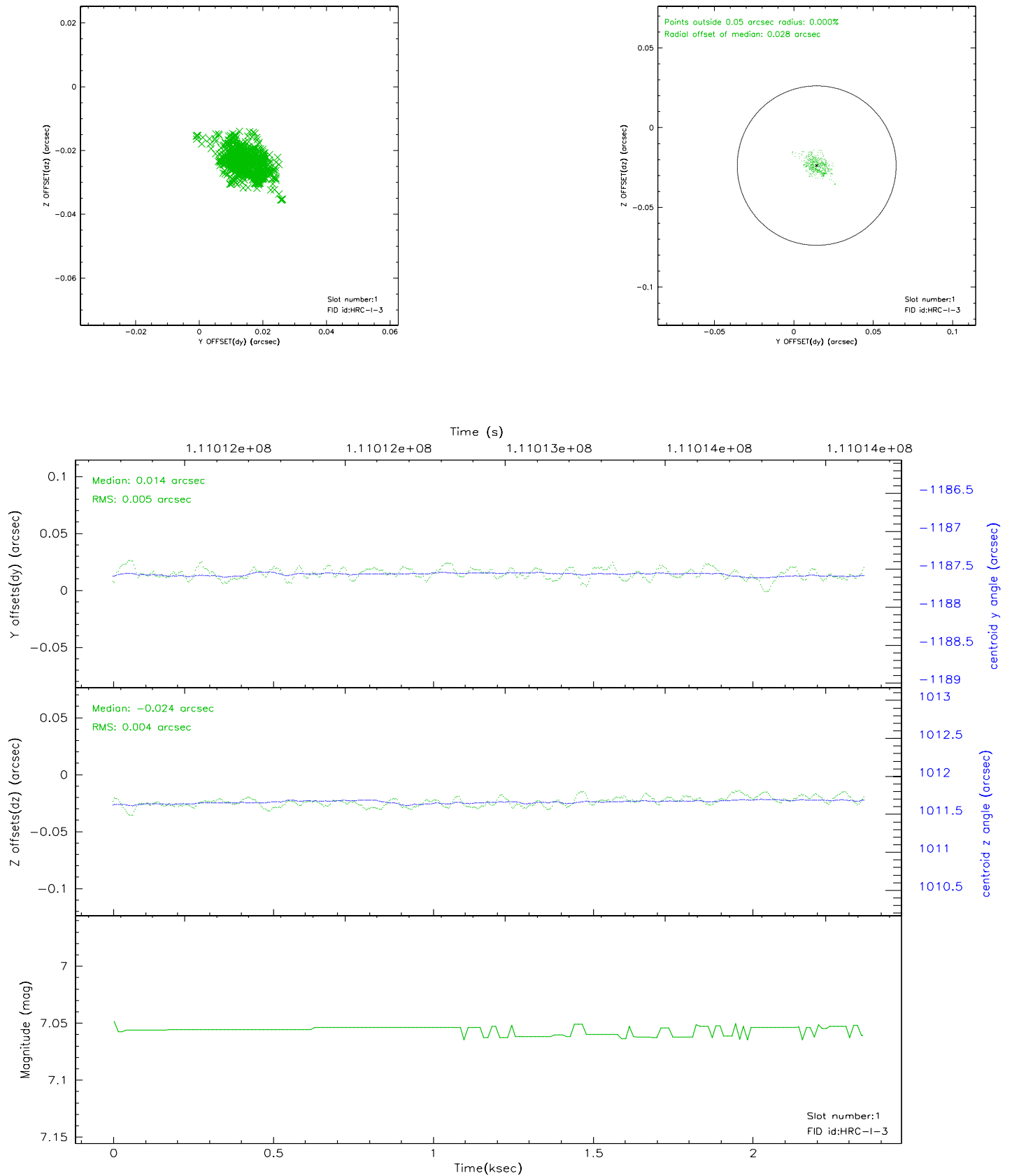


2.5 FID Slots

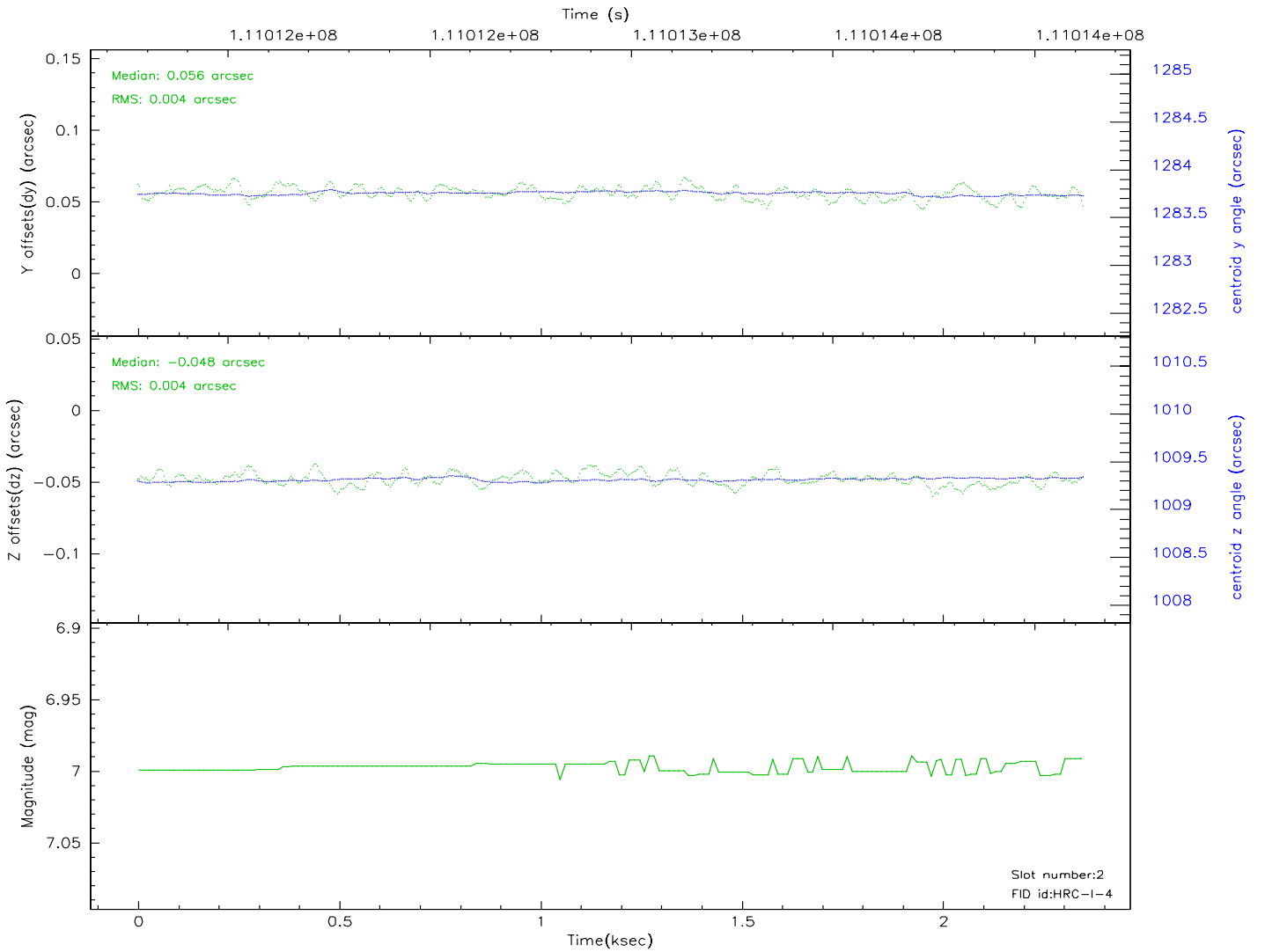
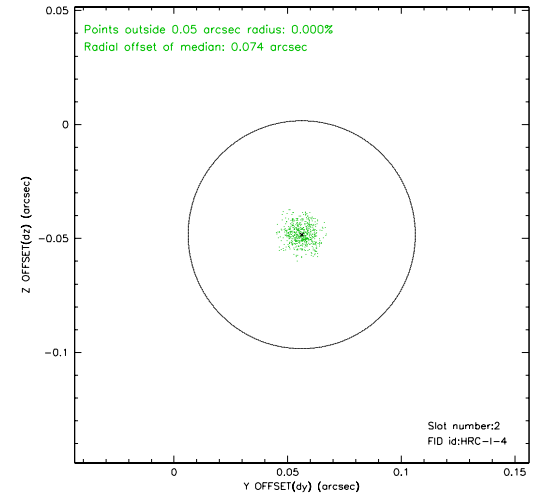
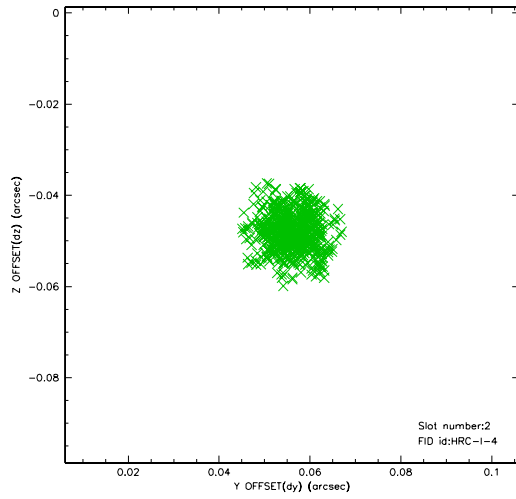
2.5.1 Slot 0



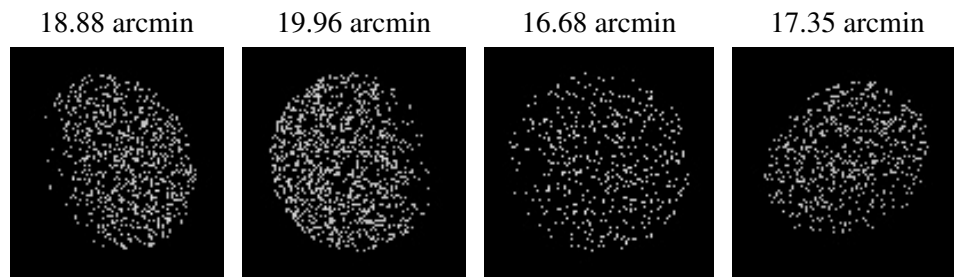
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



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	2.3

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.