

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1810 - L2 Version 3
Chandra X-Ray Center

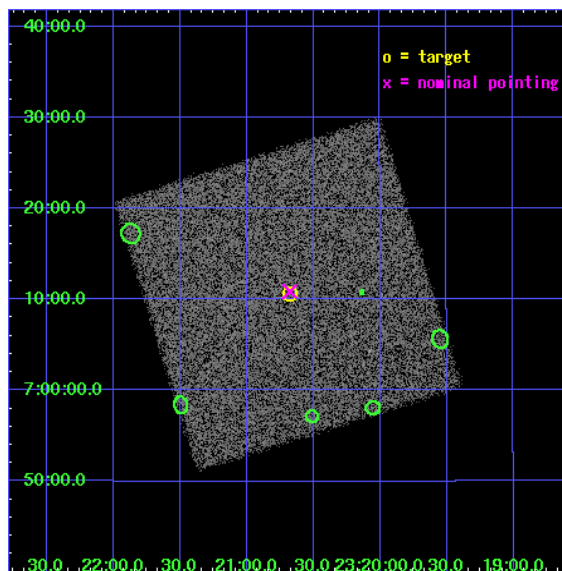
L2 Processing Date : Nov 20 2007

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1 Front

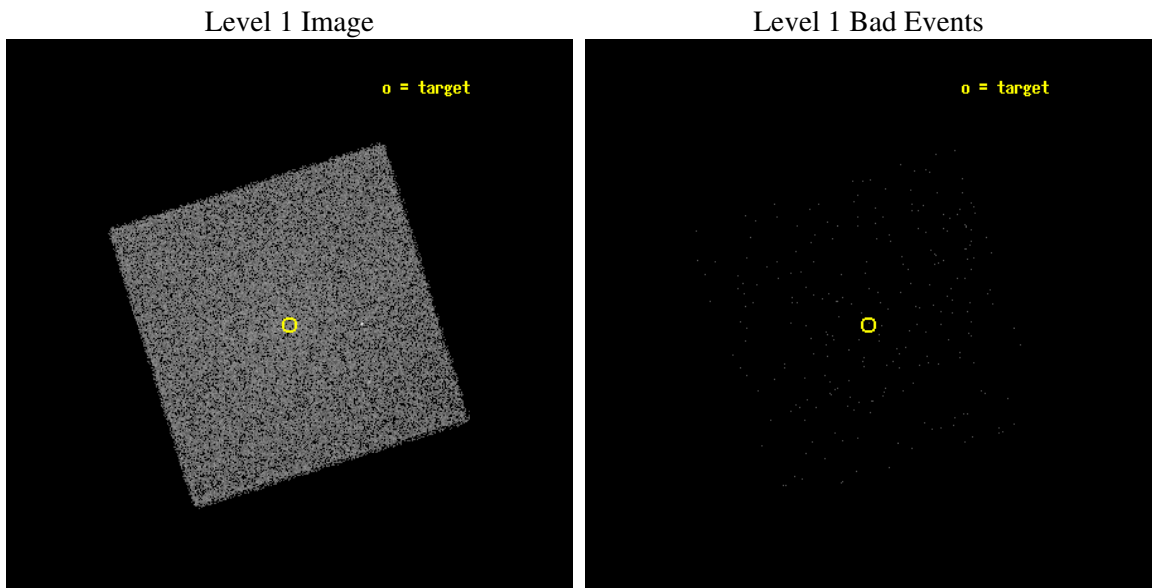
seq_num	100009
obs_id	1810
title	SOLVING THE PUZZLE OF COMETARY X-RAY ORIGIN: OBSERVATIONS OF COMET 10P/TEMPEL 2
observer	DR W. THOMAS VESTRAND
object	LINEAR 2001 A2
ra_targ	350.169337
dec_targ	7.177041
ra_nom	350.16897272864
dec_nom	7.1813463096111
roll_nom	117.62669085584
revision	3
ontime	2340.3313415349
livetime	2328.2686896095
l2events	61374



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	2007-11-20T16:08:41
revision	3

sched_exp_time	2150.000000
ontime	2340.3313415349
l1events	103736

2.1.3 Events

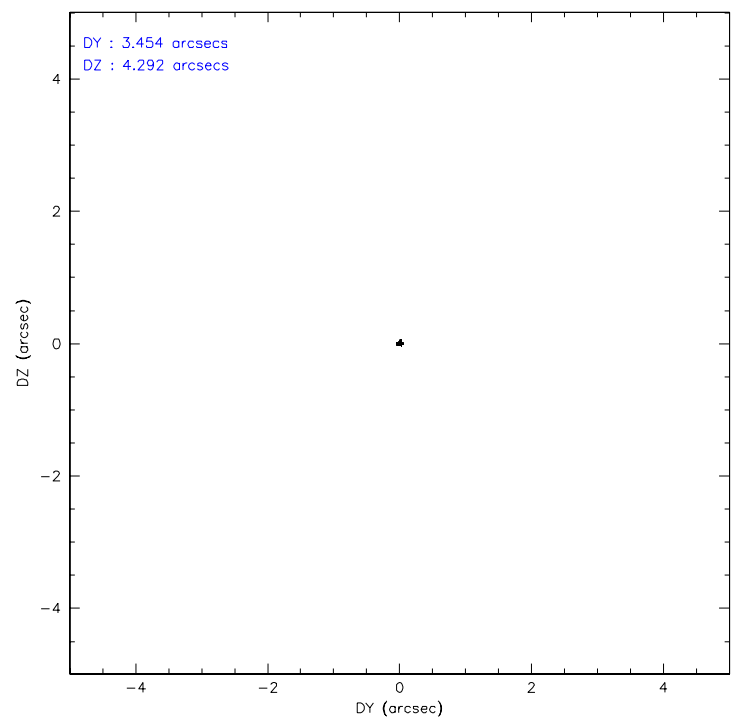
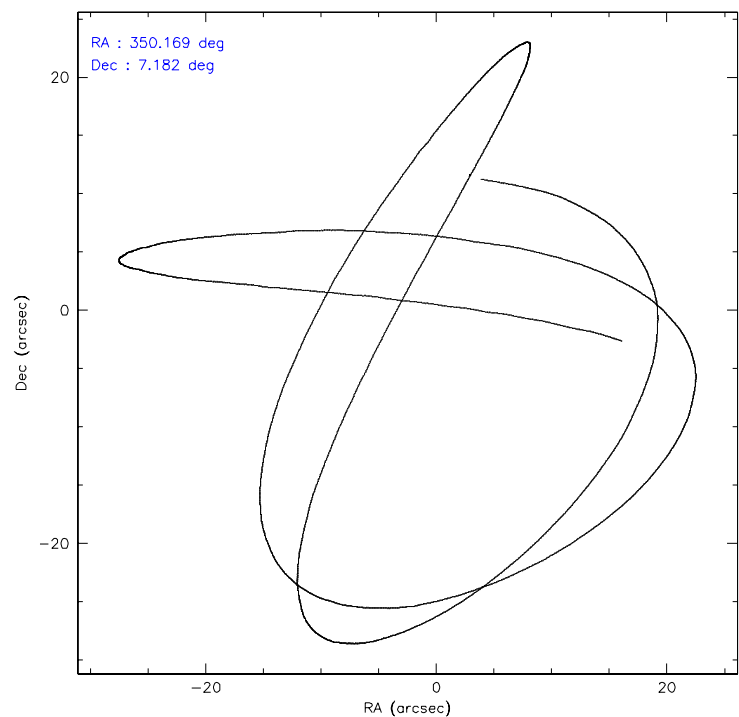
Level 1 Events

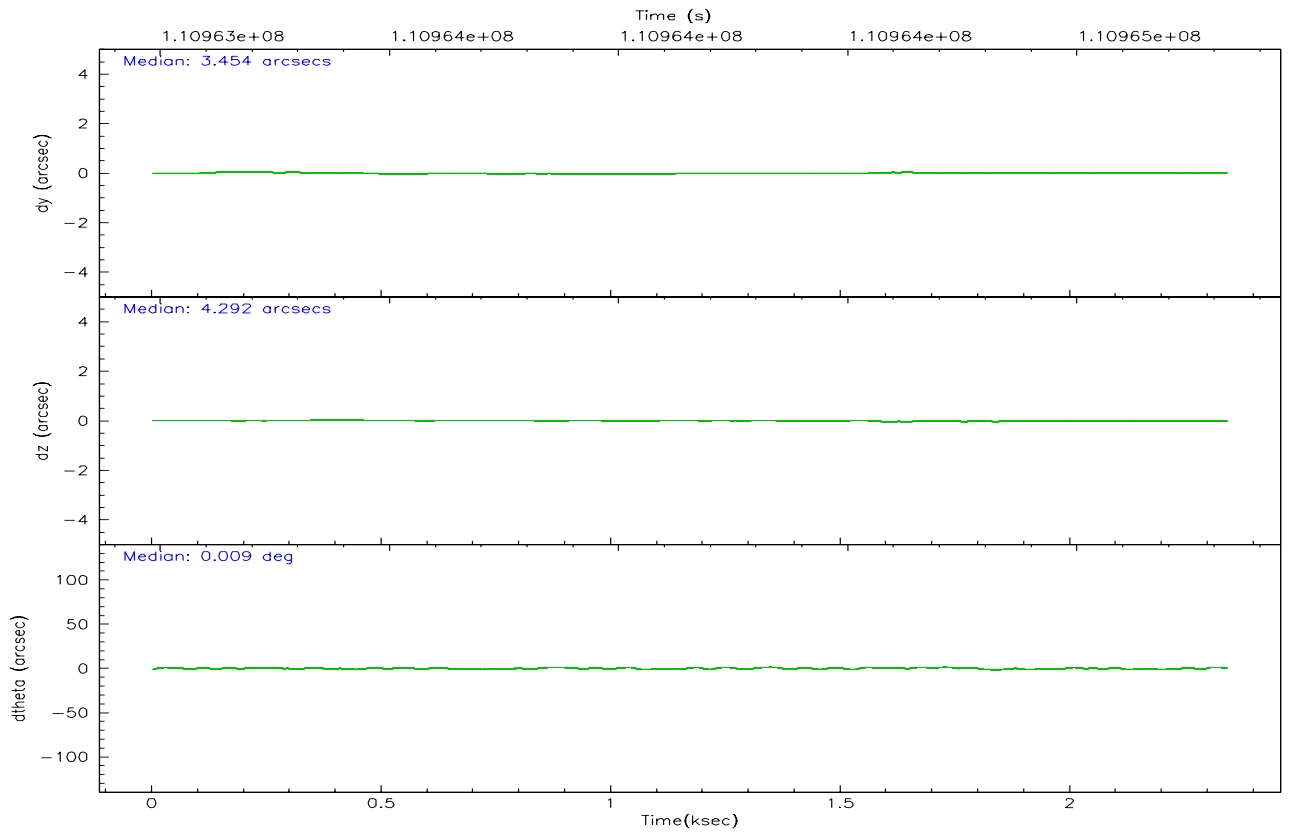
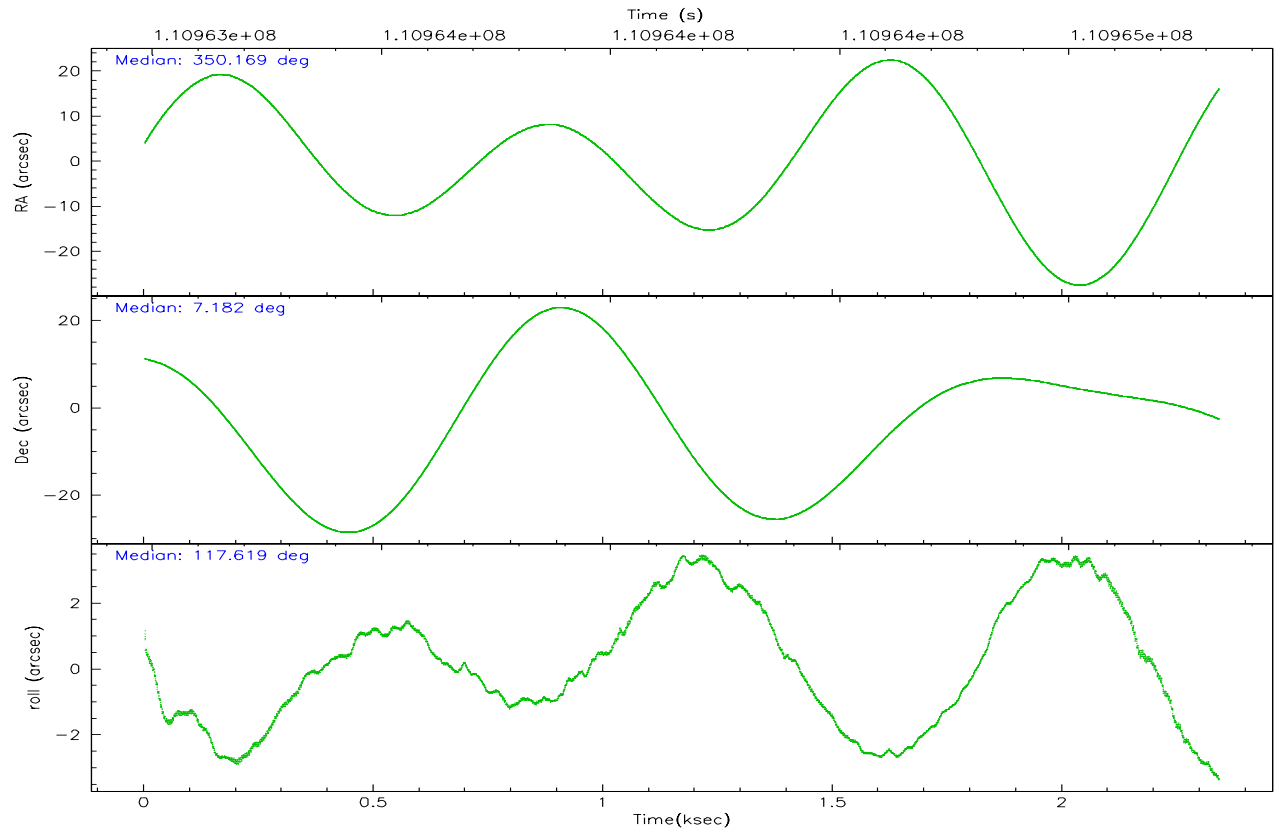
	segment 0
level 1 events	103736
rejected events	12455
rejected %	12%

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	350.192382	350.1689727286409			
Pointing Dec	7.167212	7.181346309611149			
Pointing Roll	117.719235	117.6266908558419			
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	110963177.184000	110962800.58129			
Observation start date	2001-07-08T07:05:13	2001-07-08T07:00:00			
Observation end time	110965327.184000	110965461.4814			
Observation end date	2001-07-08T07:41:03	2001-07-08T07:44:21			

2.3 Aspect



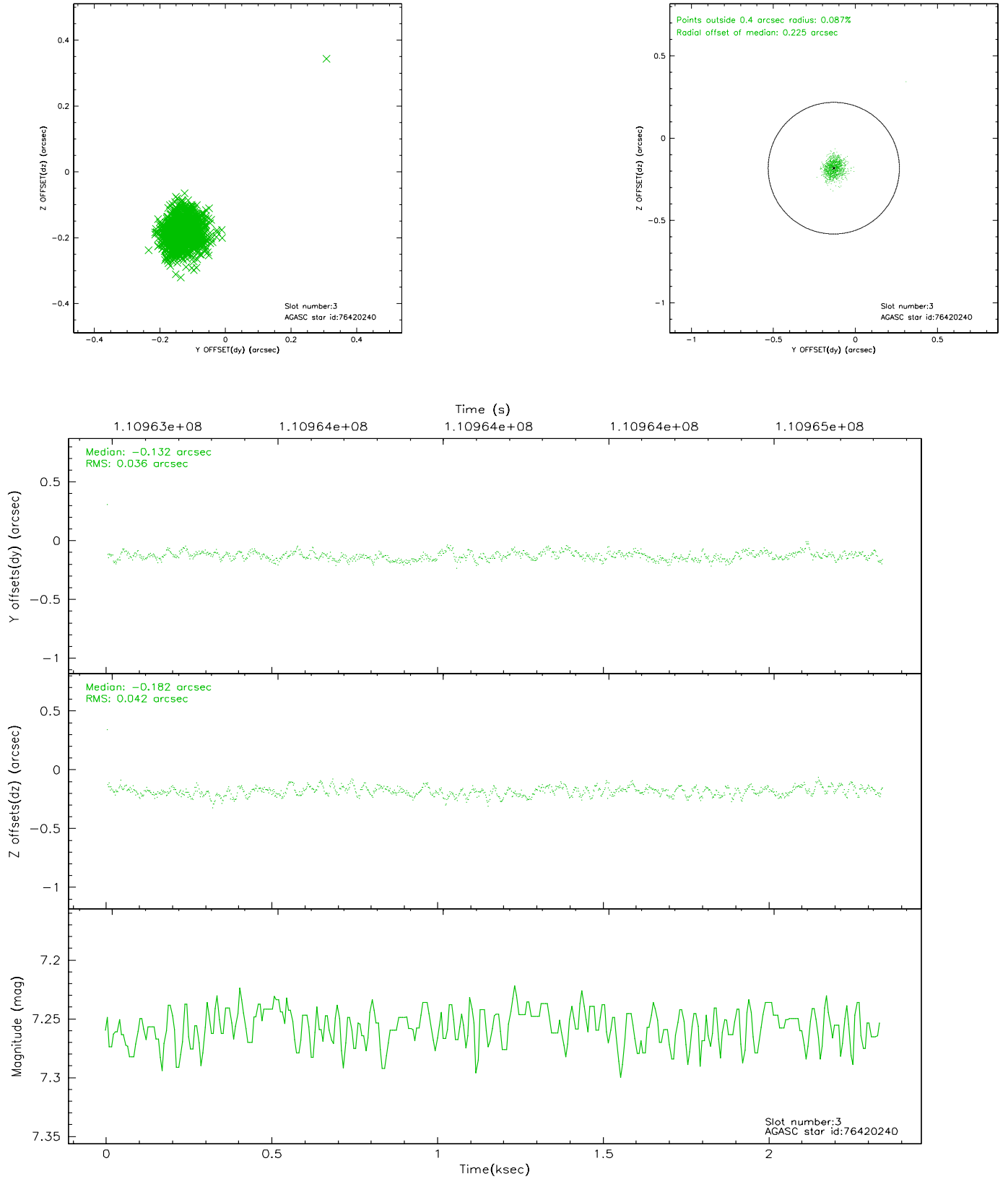


Slot Statistics

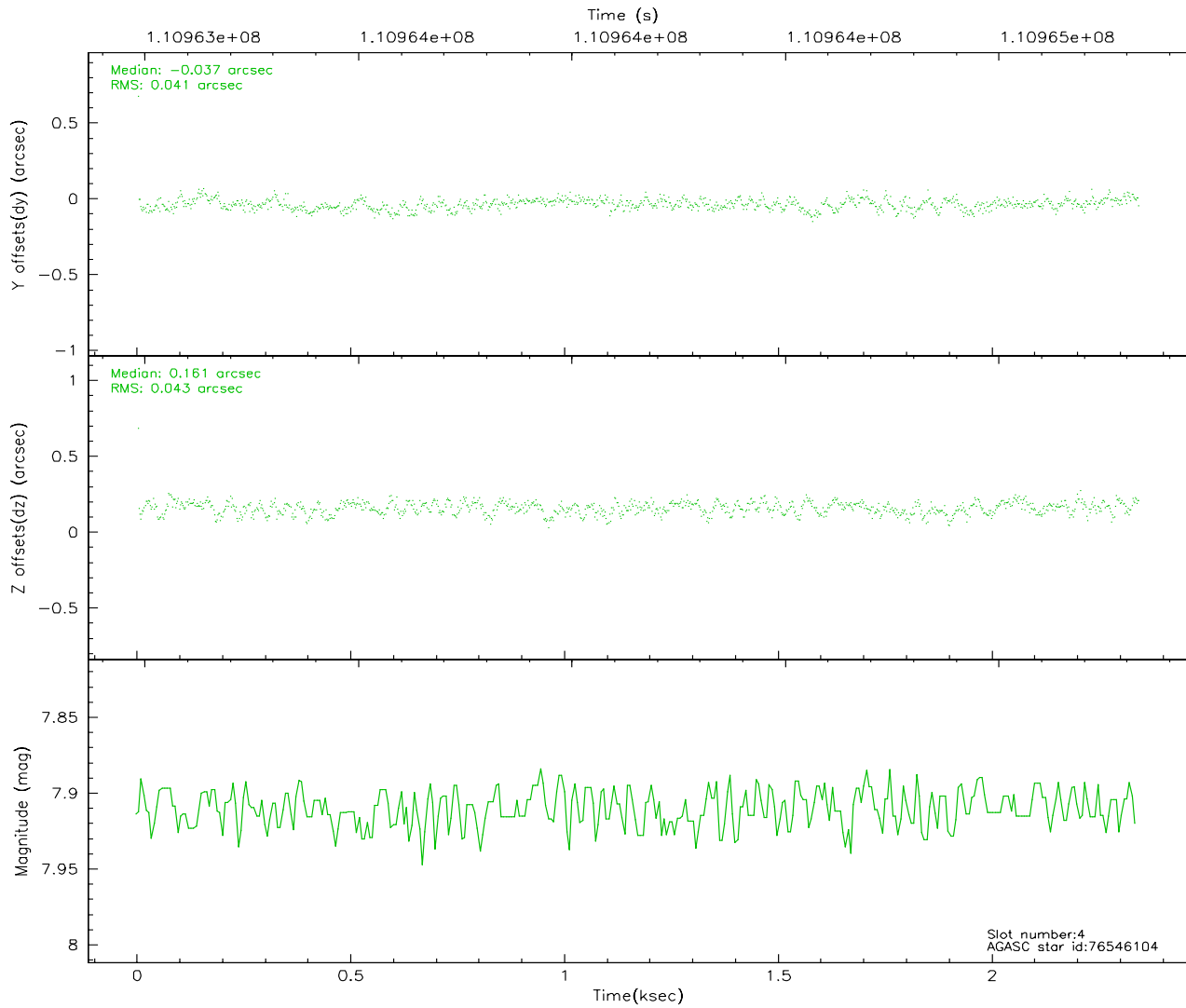
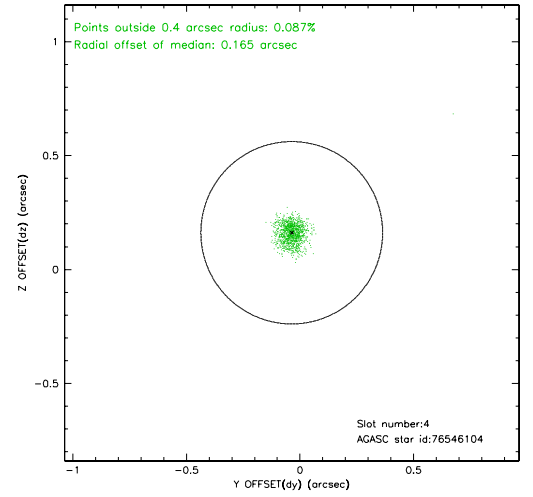
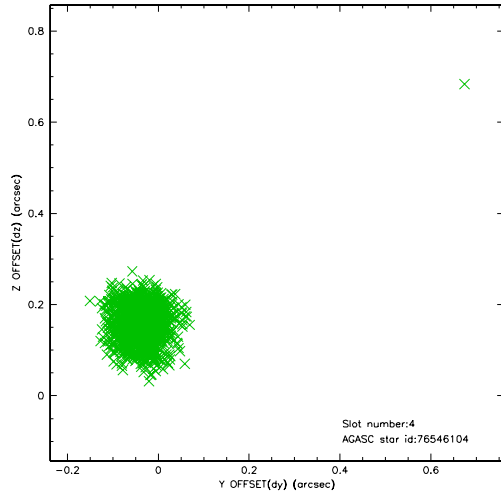
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.00	571	0.059	0.063	0.008	0.014	0.000000	0.000000	-758.90	-1291.98
1	FID	HRC-I-3	7.08	571	0.001	-0.086	0.008	0.013	0.000000	0.000000	-1188.74	1010.18
2	FID	HRC-I-4	7.02	571	0.055	-0.067	0.006	0.009	0.000000	0.000000	1281.84	1011.79
3	GUIDE	76420240	7.26	1143	-0.132	-0.182	0.055	0.086	349.834746	7.214951	745.88	1050.61
4	GUIDE	76546104	7.91	1143	-0.037	0.161	0.058	0.091	350.637569	7.487255	281.88	-1941.59
5	GUIDE	76551232	8.02	1143	0.052	-0.159	0.063	0.101	350.076046	6.872411	-746.26	860.07
6	GUIDE	76547376	8.35	1143	0.206	0.049	0.061	0.095	350.586866	6.650509	-2303.15	-383.06
7	GUIDE	152314144	8.26	1142	-0.088	0.141	0.061	0.100	350.482166	7.593054	874.01	-1628.48

2.4 Star Slots

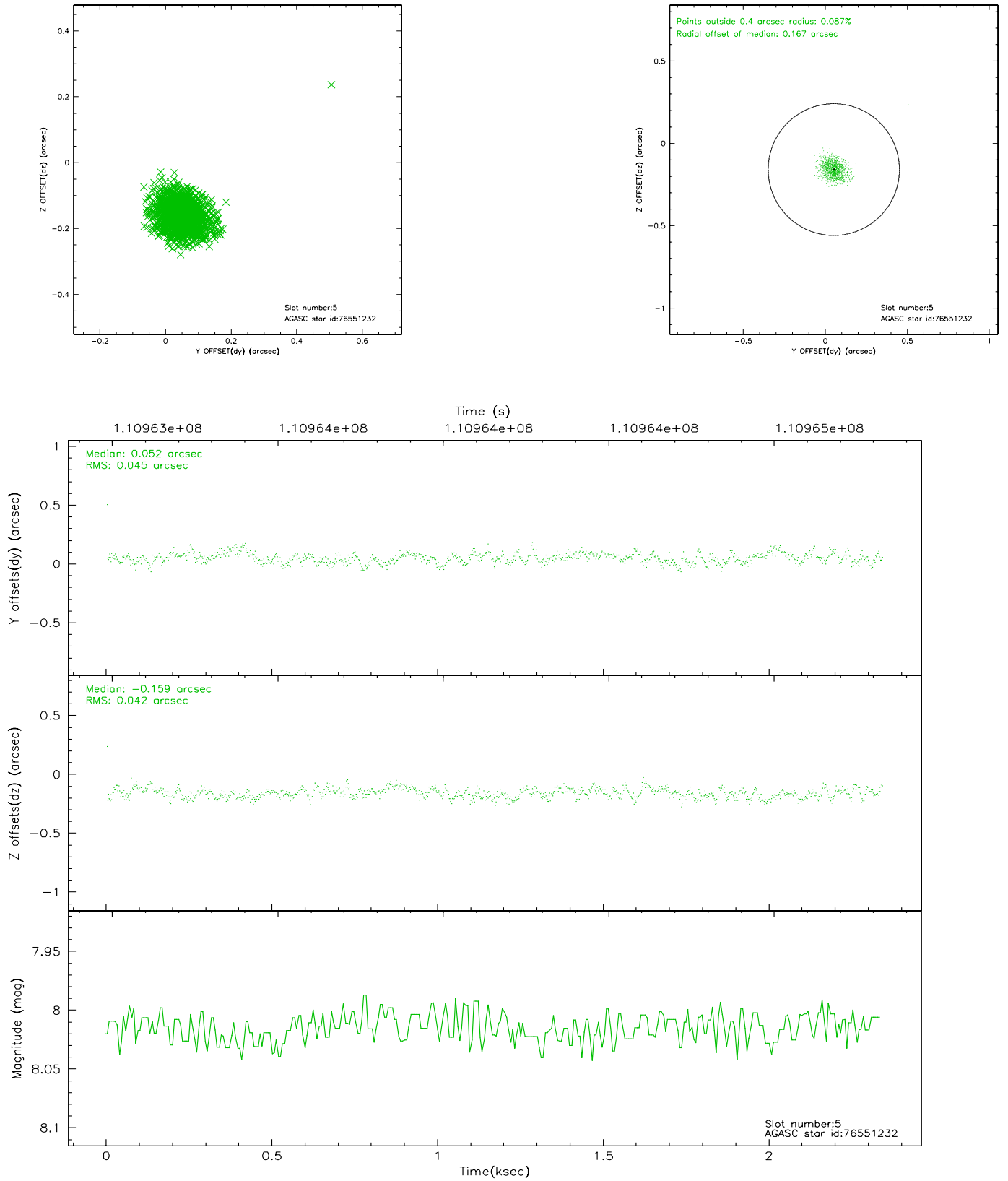
2.4.1 Slot 3



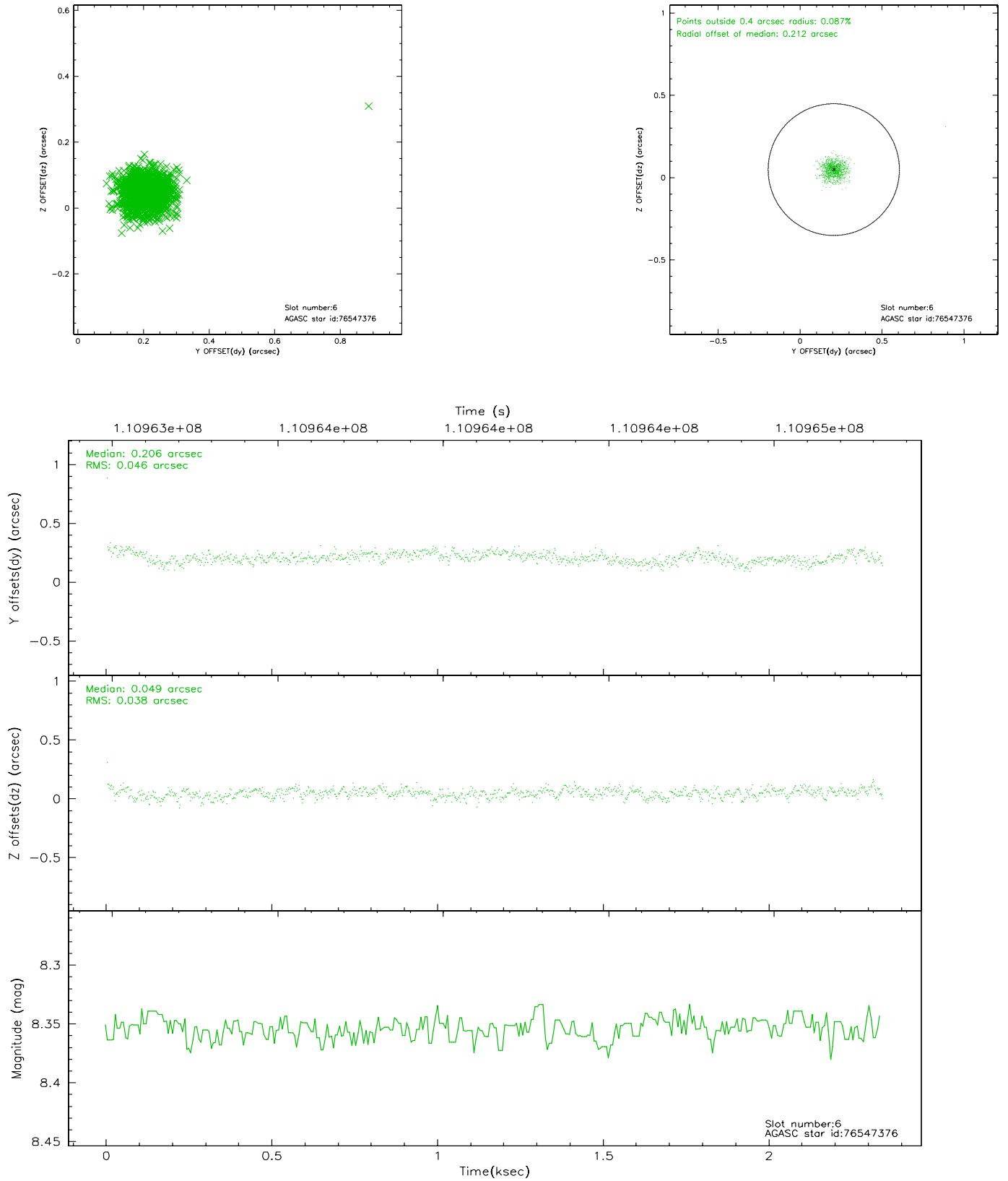
2.4.2 Slot 4



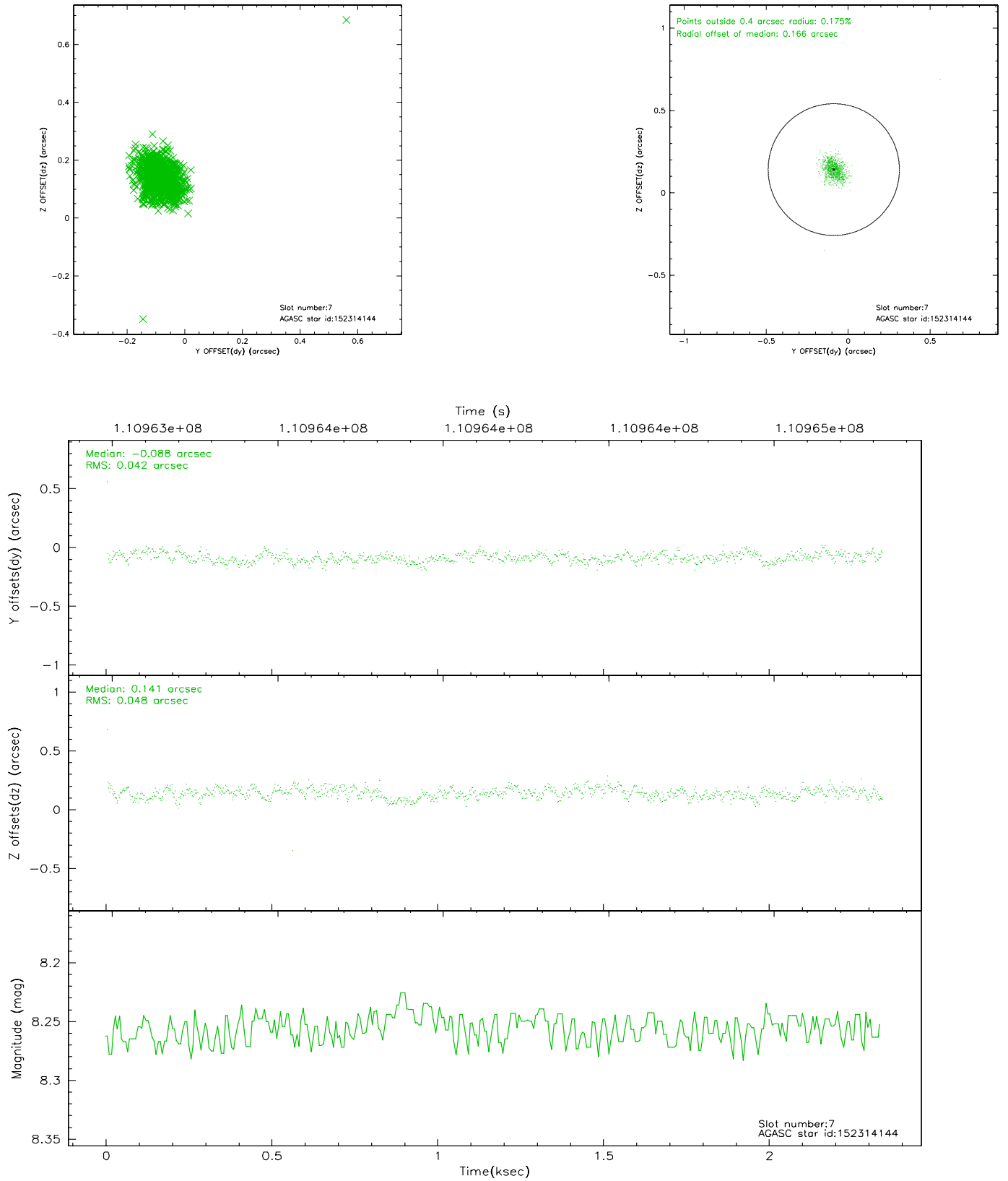
2.4.3 Slot 5



2.4.4 Slot 6

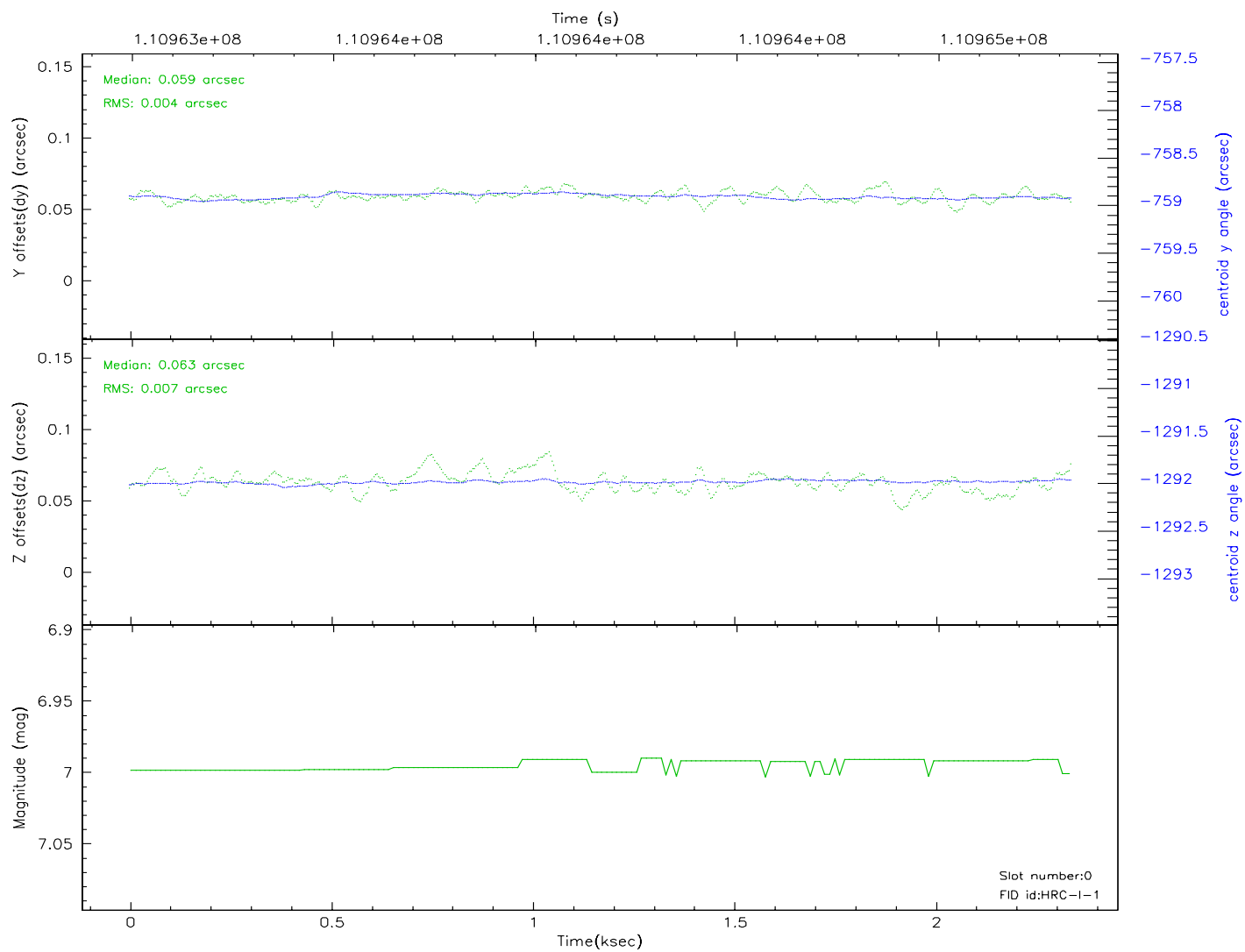
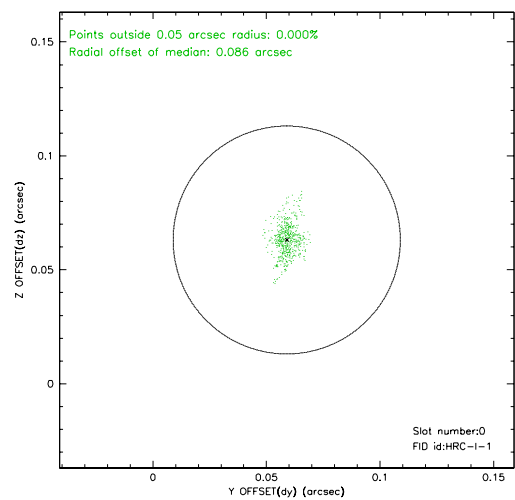
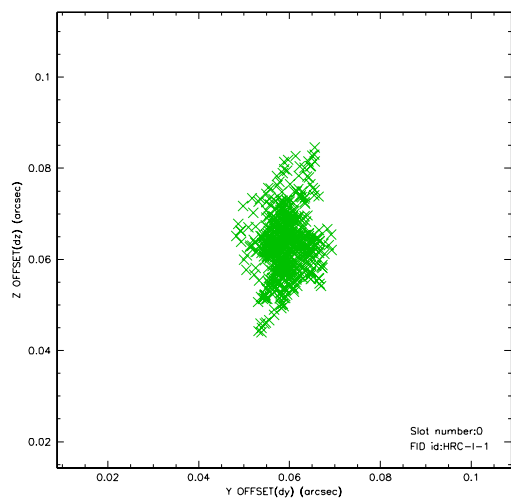


2.4.5 Slot 7

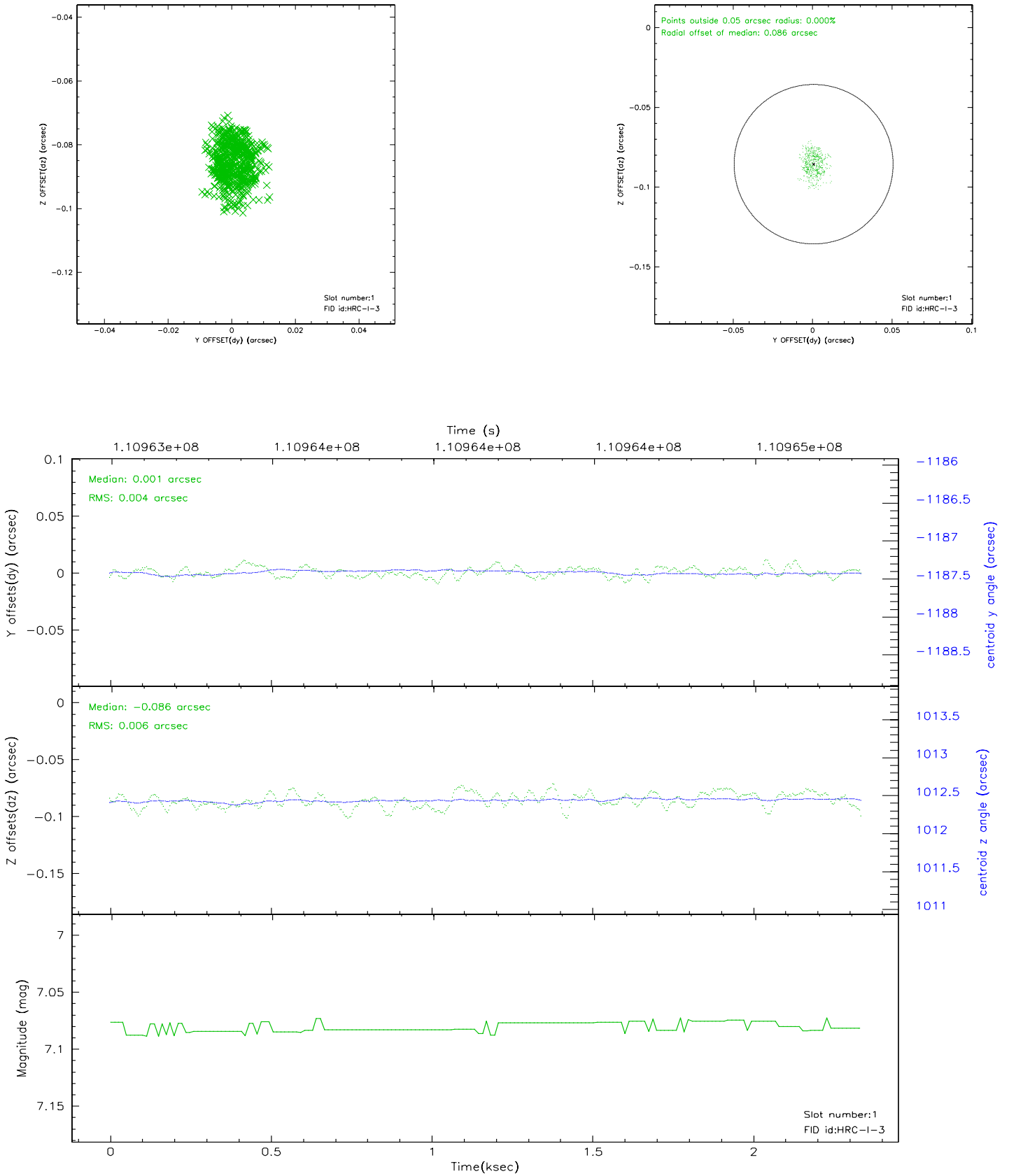


2.5 FID Slots

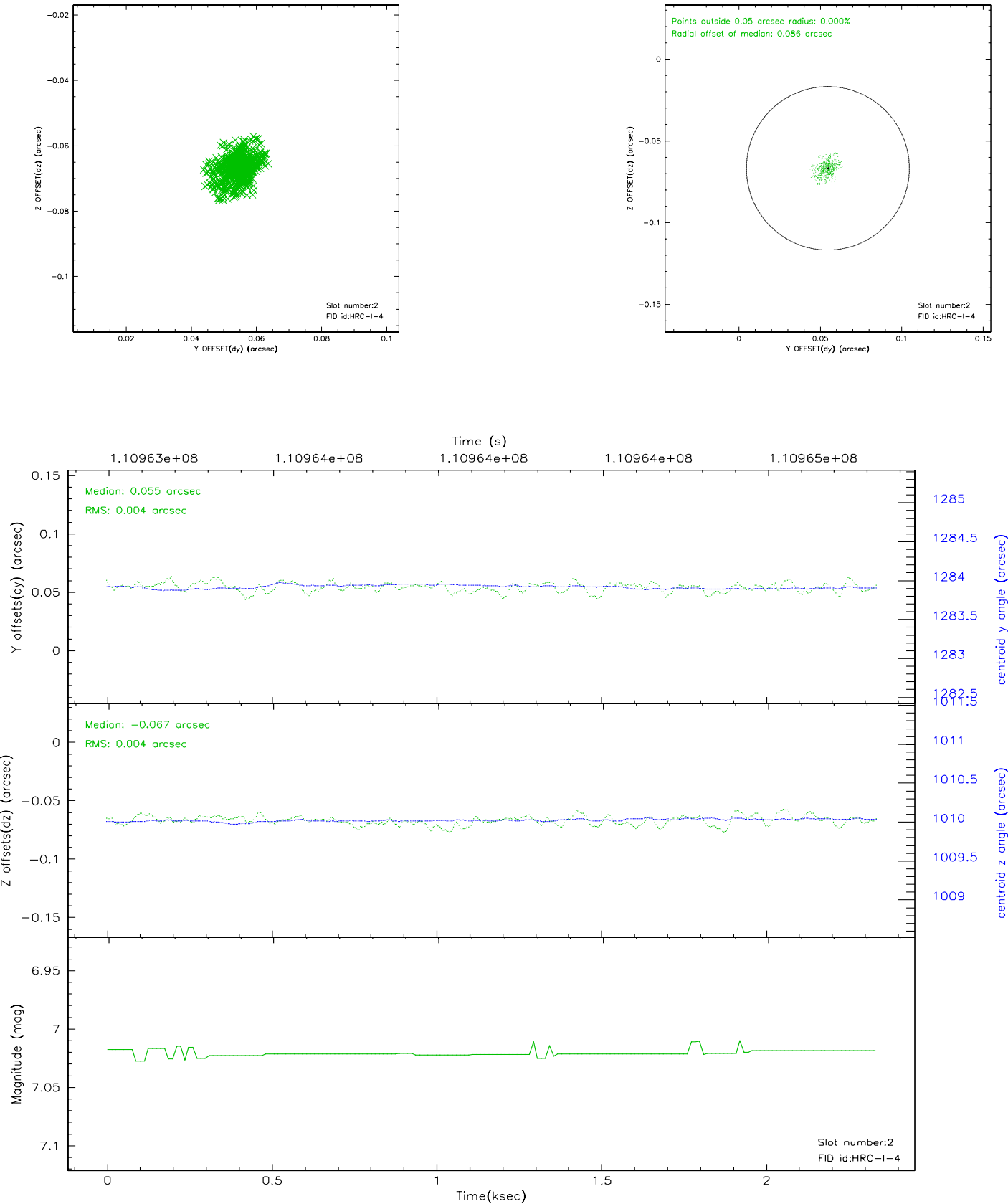
2.5.1 Slot 0



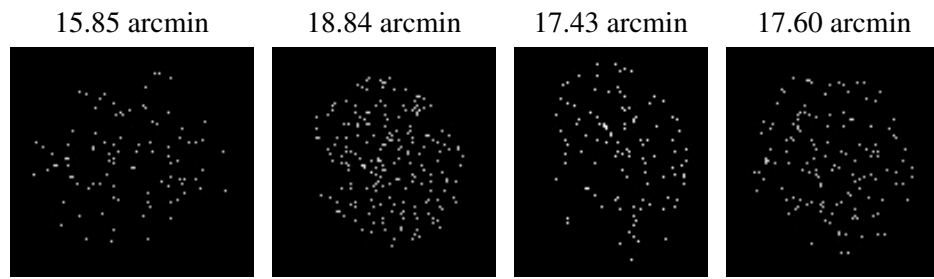
2.5.2 Slot 1



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	2.34

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.