

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 1810 - L2 Version 4
Chandra X-Ray Center

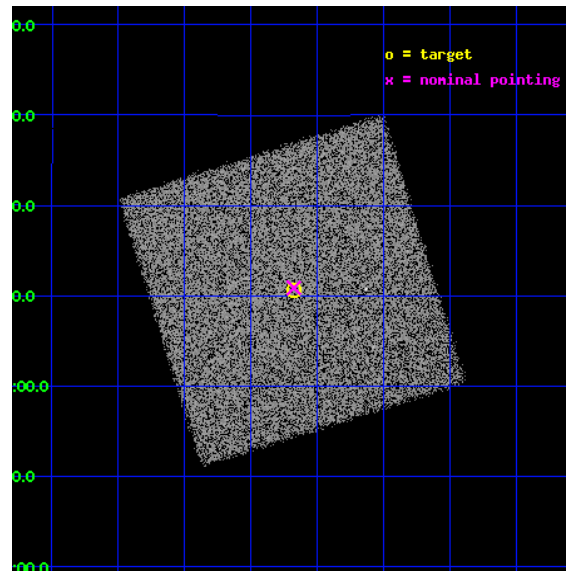
L2 Processing Date : Sep 20 2012

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1 Front

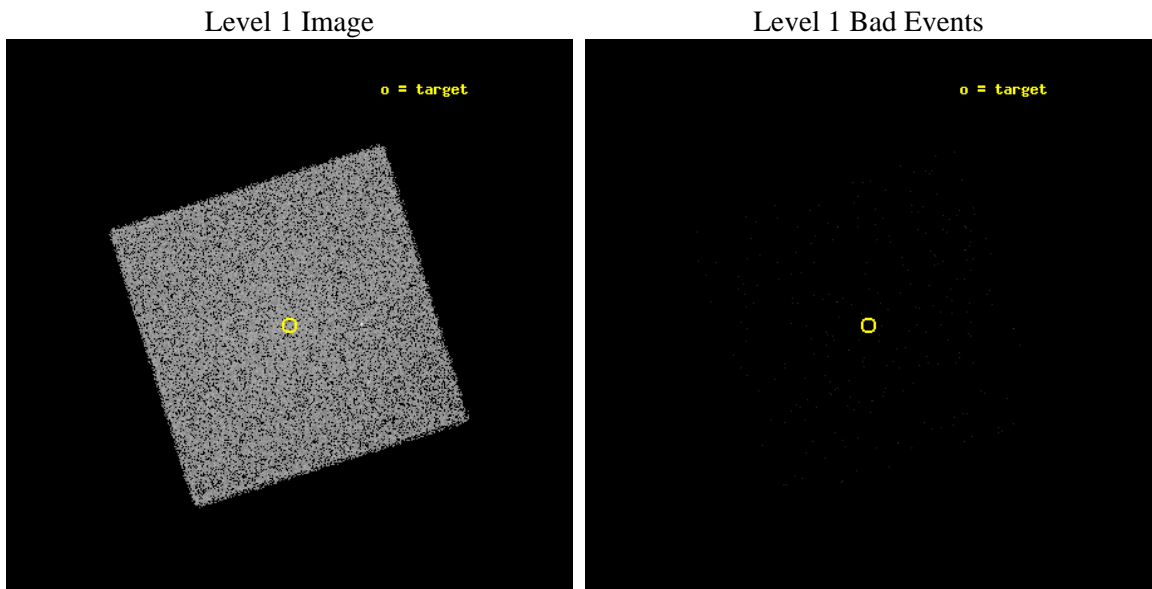
seq_num	100009	Sequence number
obs_id	1810	Observation id
title	SOLVING THE PUZZLE OF COMETARY X-RAY ORIGIN: OBSERVATIONS OF COMET 10P/TEMPEL 2	Proposal title
observer	DR W. THOMAS VESTRAND	Principal investigator
object	LINEAR 2001 A2	Source name
ra_targ	350.169337	Observer's specified target RA [deg]
dec_targ	7.177041	Observer's specified target Dec [deg]
ra_nom	350.16897272864	Nominal RA [deg]
dec_nom	7.1813463096111	Nominal Dec [deg]
roll_nom	117.62669085584	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2340.3313415498	[s]
livetime	2328.2566664529	Ontime multiplied by DTCOR
l2events	61376	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	2150.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2340.3313415498	[s]
caldbver	4.5.1.1	 	l1events	103736	Number of level 1 events
date	2012-09-20T12:37:04	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

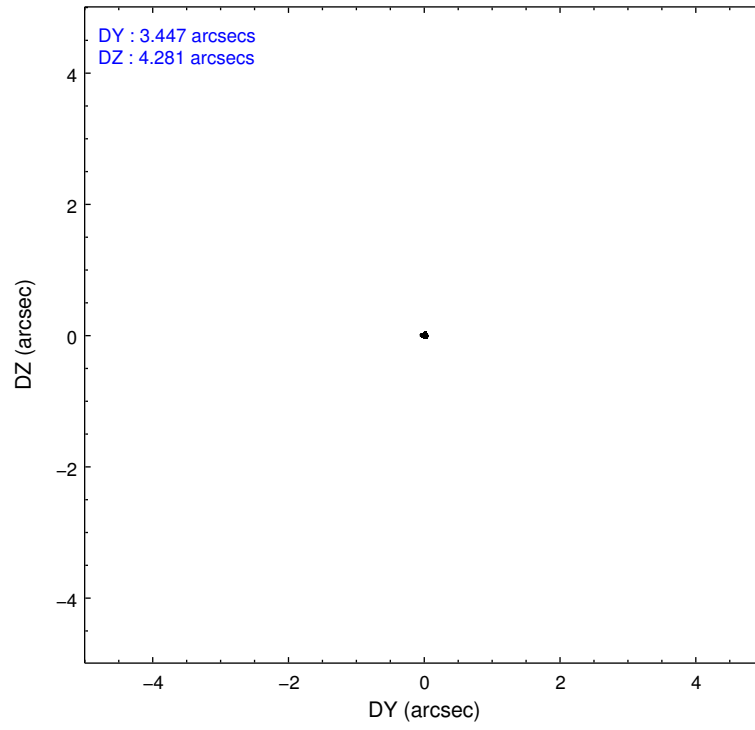
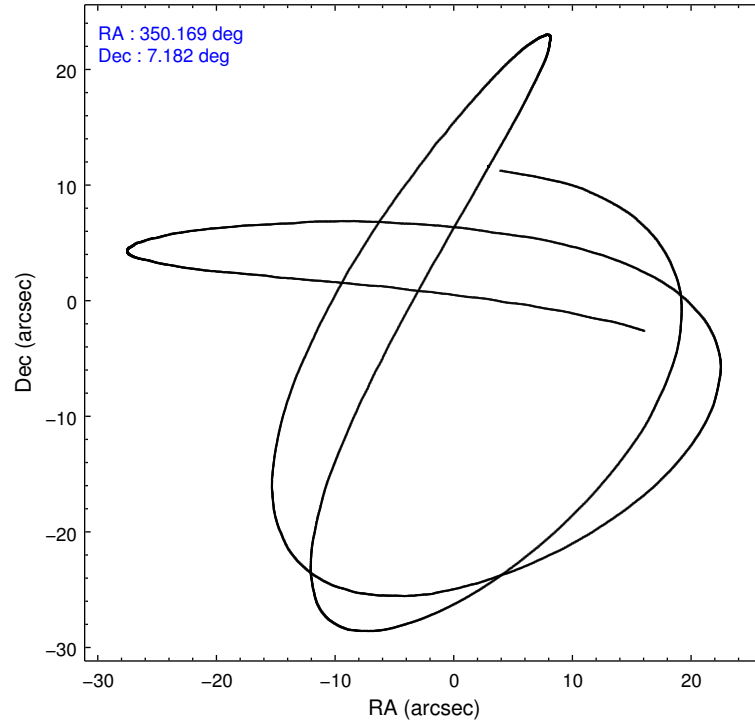
Level 1 Events

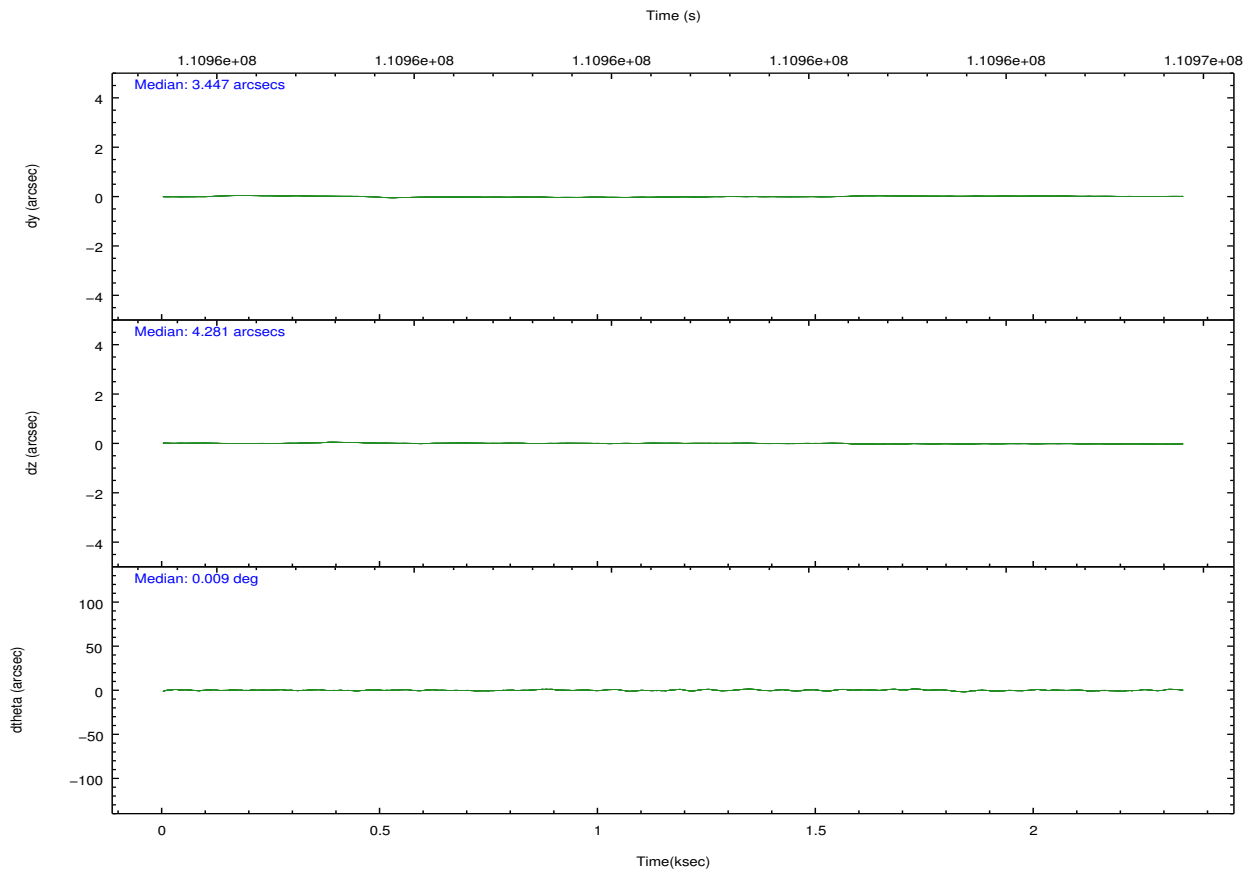
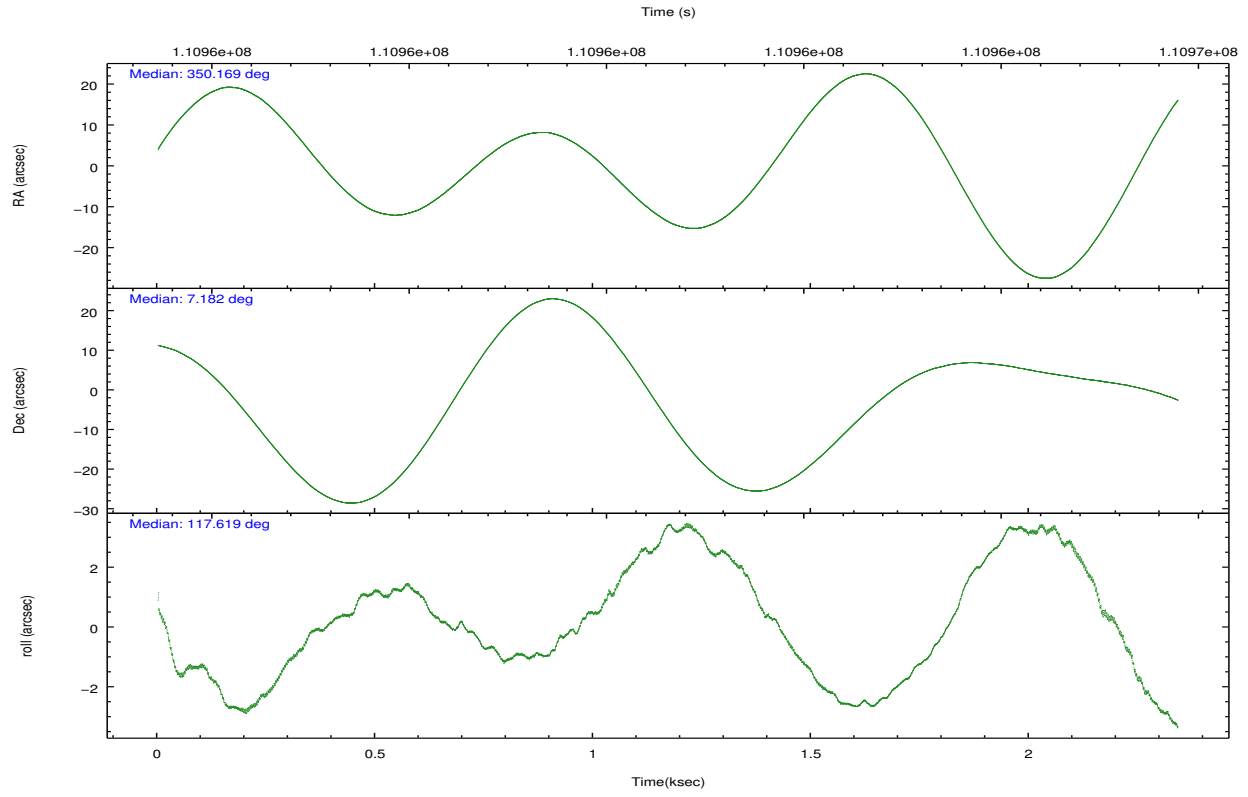
	segment 0
level 1 events	103736
rejected events	12452
rejected %	12%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
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			
[deg] Pointing RA	350.192382	350.1689727286409			
[deg] Pointing Dec	7.167212	7.181346309611149			
[deg] Pointing Roll	117.719235	117.6266908558419			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9829799899862			
[mm] SIM translation stage offset	0	0.002508901615314585			
[s] Observation start time (MET)	110963177.184000	110962800.58129			
Observation start date	2001-07-08T07:05:13	2001-07-08T07:00:00			
[s] Observation end time (MET)	110965327.184000	110965461.4814			
Observation end date	2001-07-08T07:41:03	2001-07-08T07:44:21			

2.3 Aspect



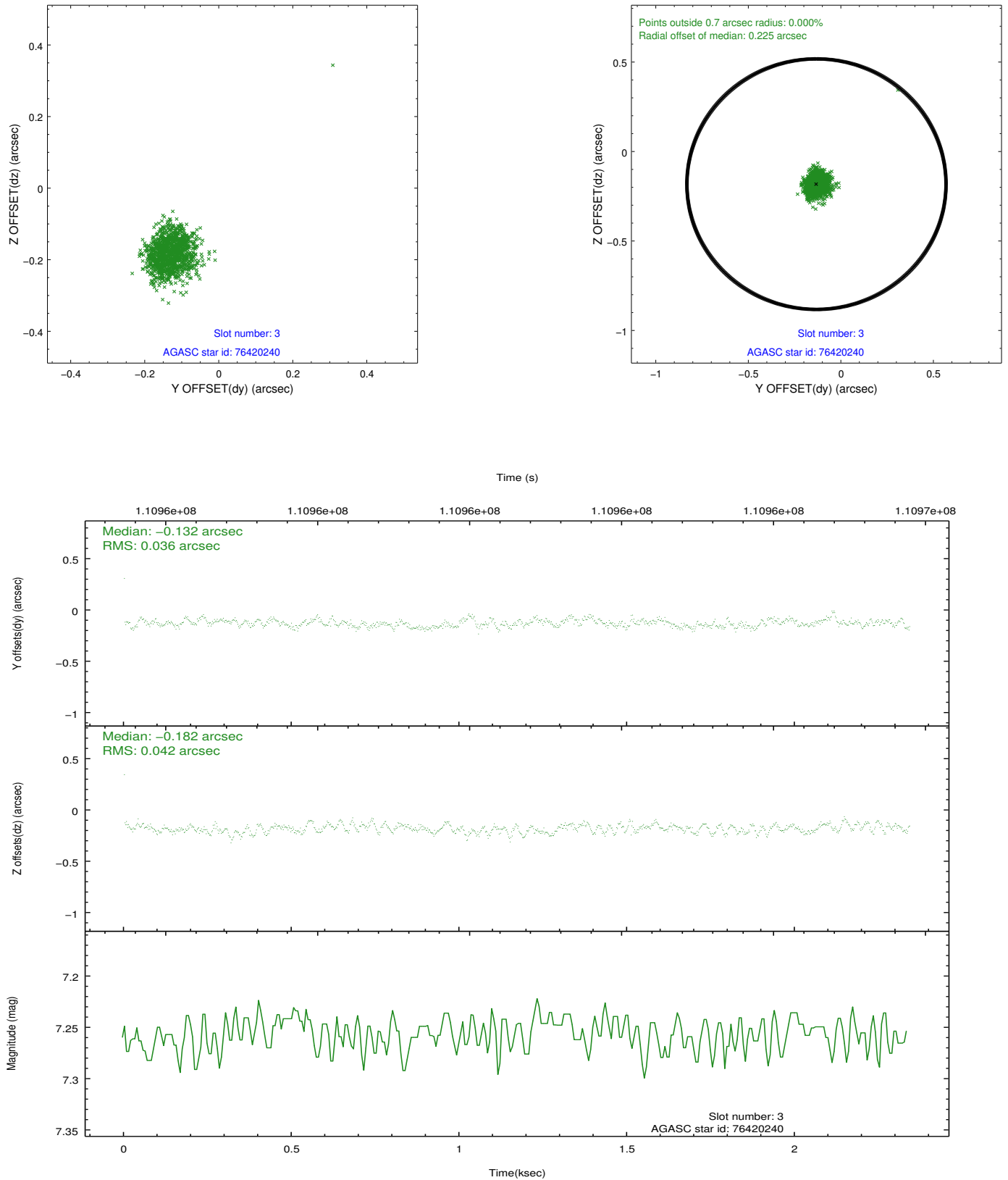


Slot Statistics

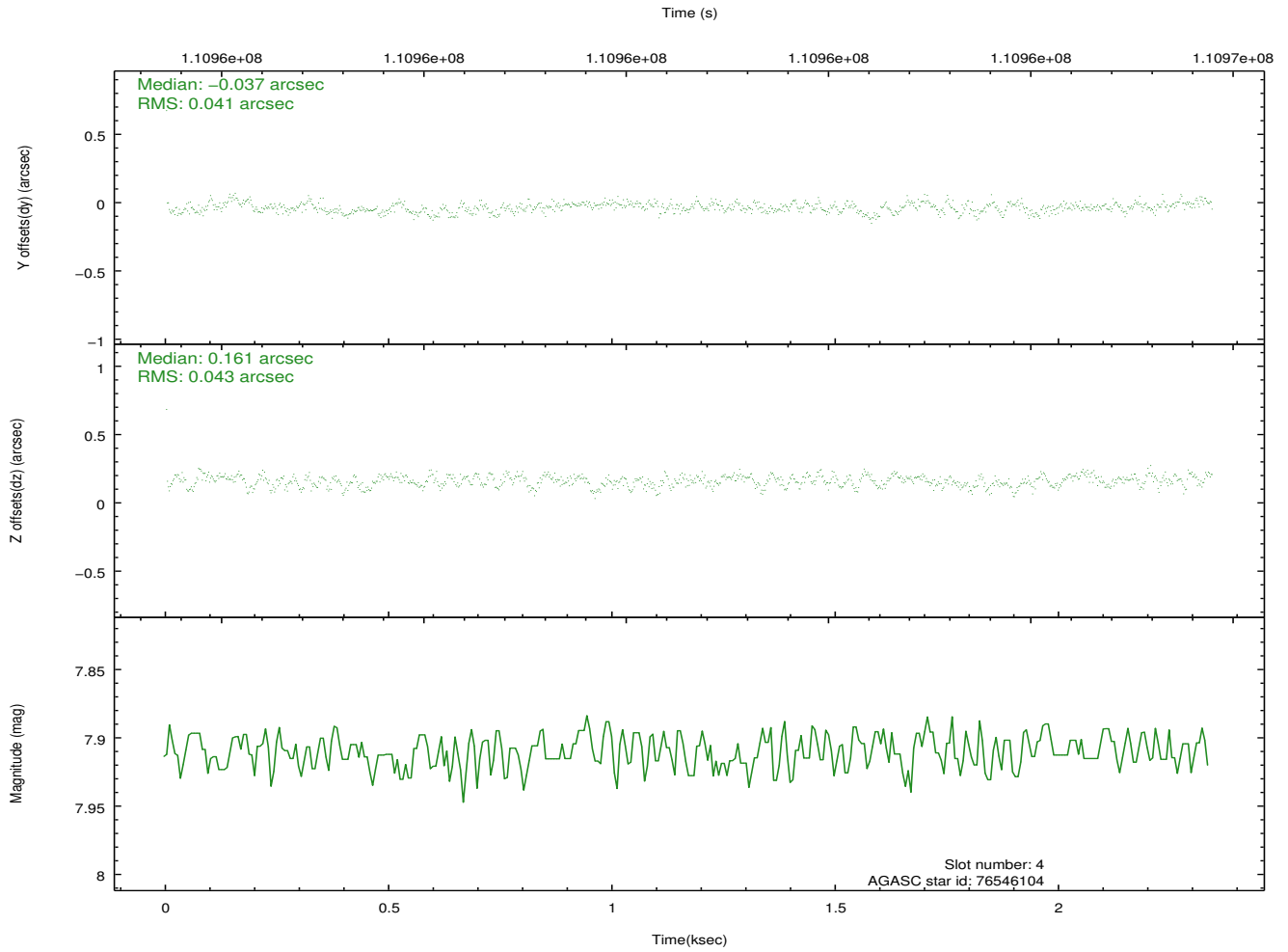
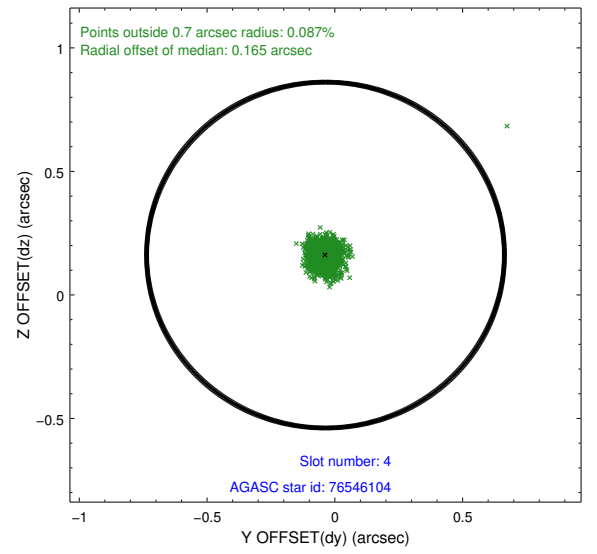
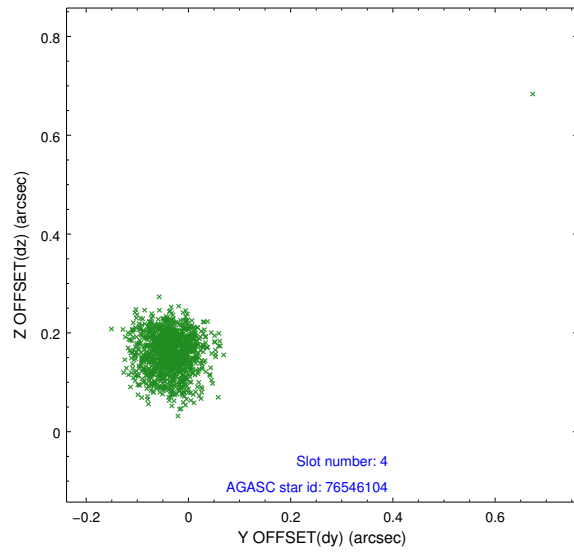
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.00	571	0.059	0.063	0.008	0.014	0.000000	0.000000	-758.90	-1291.97
1	FID	HRC-I-3	7.08	571	0.001	-0.086	0.008	0.013	0.000000	0.000000	-1188.74	1010.19
2	FID	HRC-I-4	7.02	571	0.055	-0.067	0.006	0.009	0.000000	0.000000	1281.84	1011.81
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

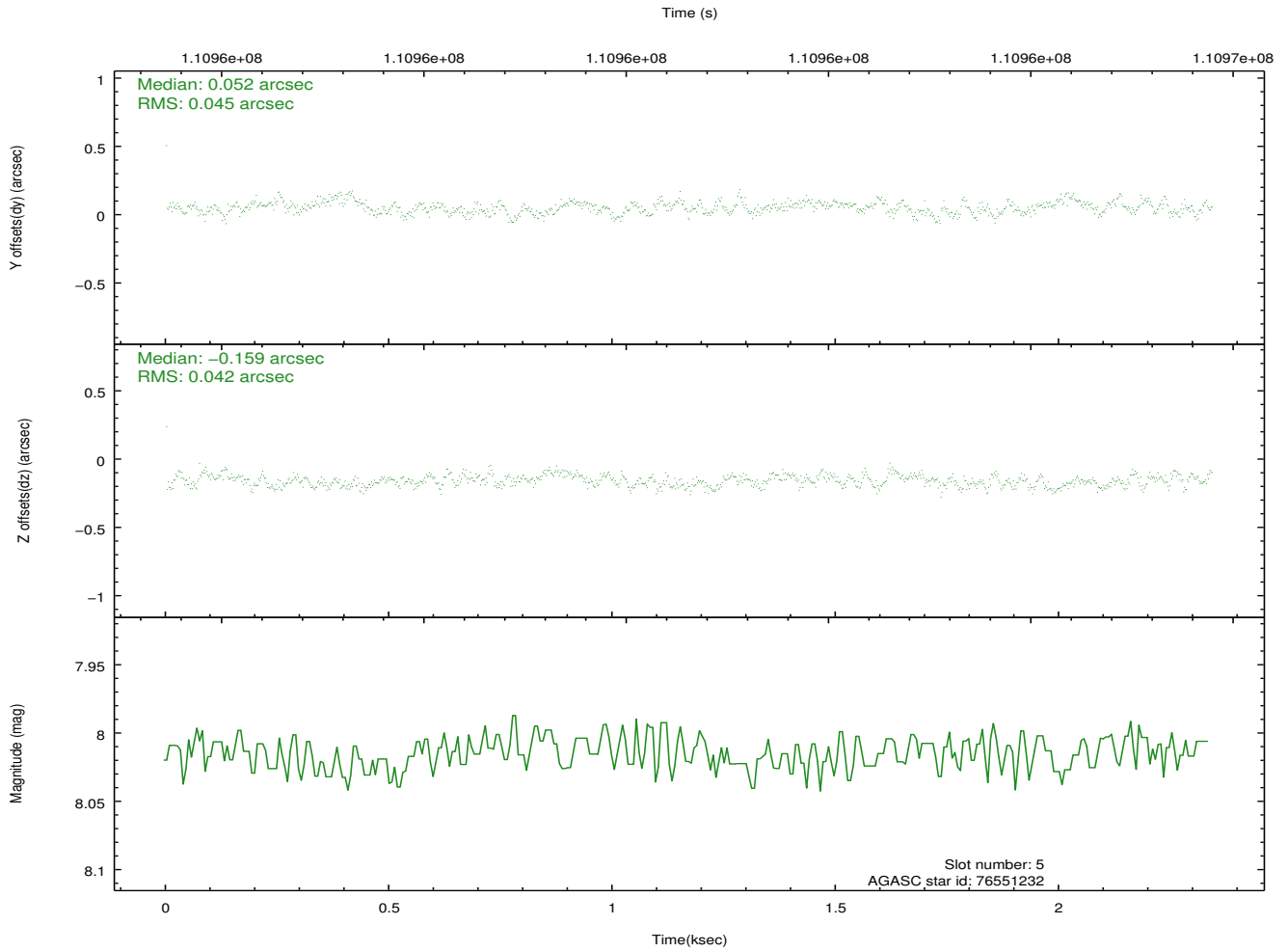
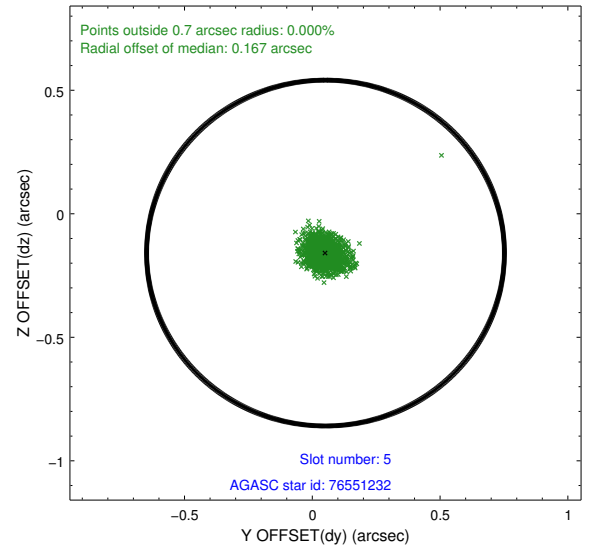
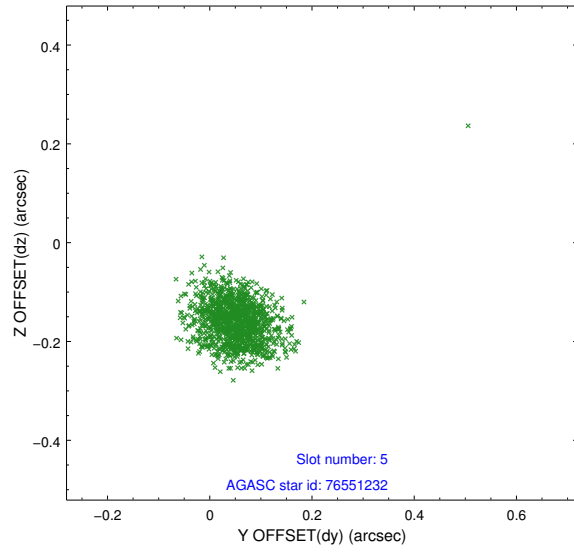
2.4.1 Slot 3



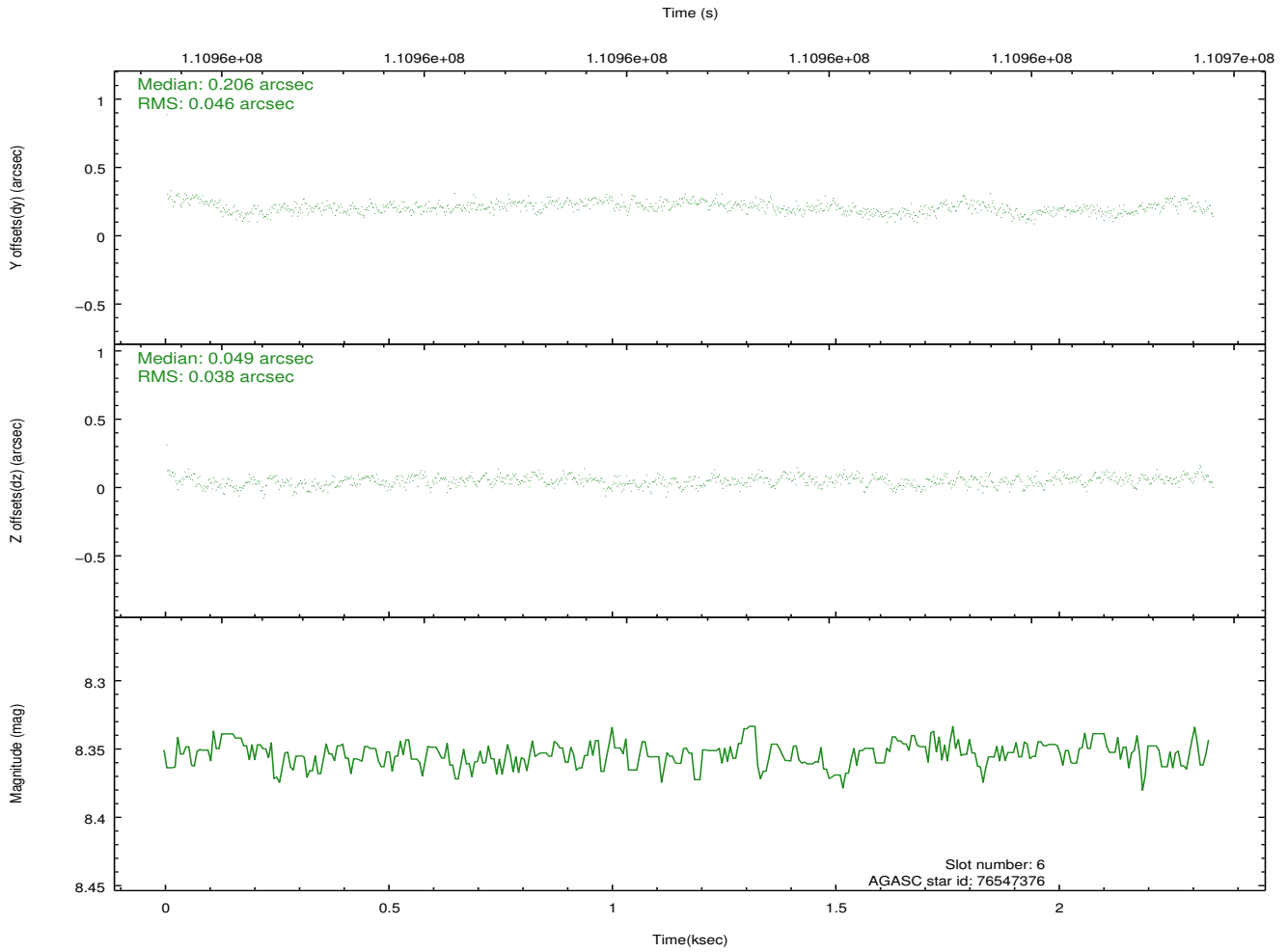
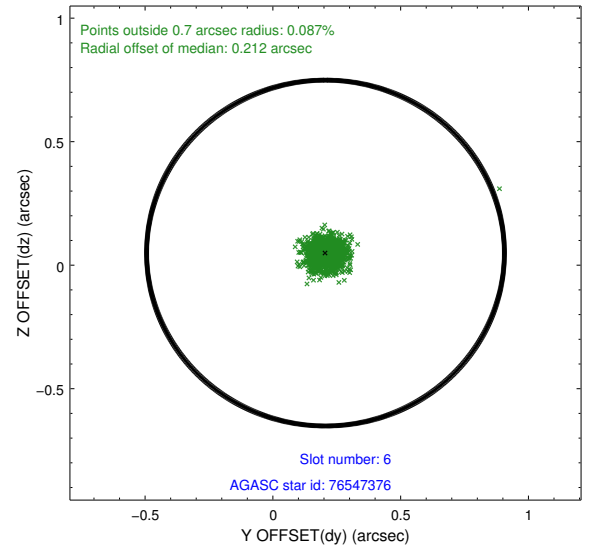
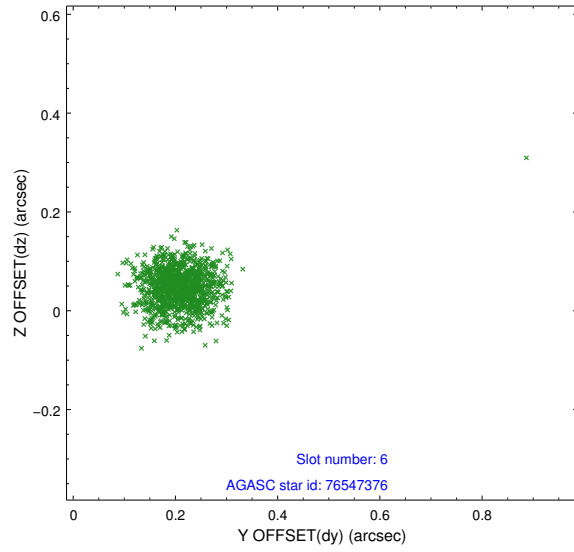
2.4.2 Slot 4



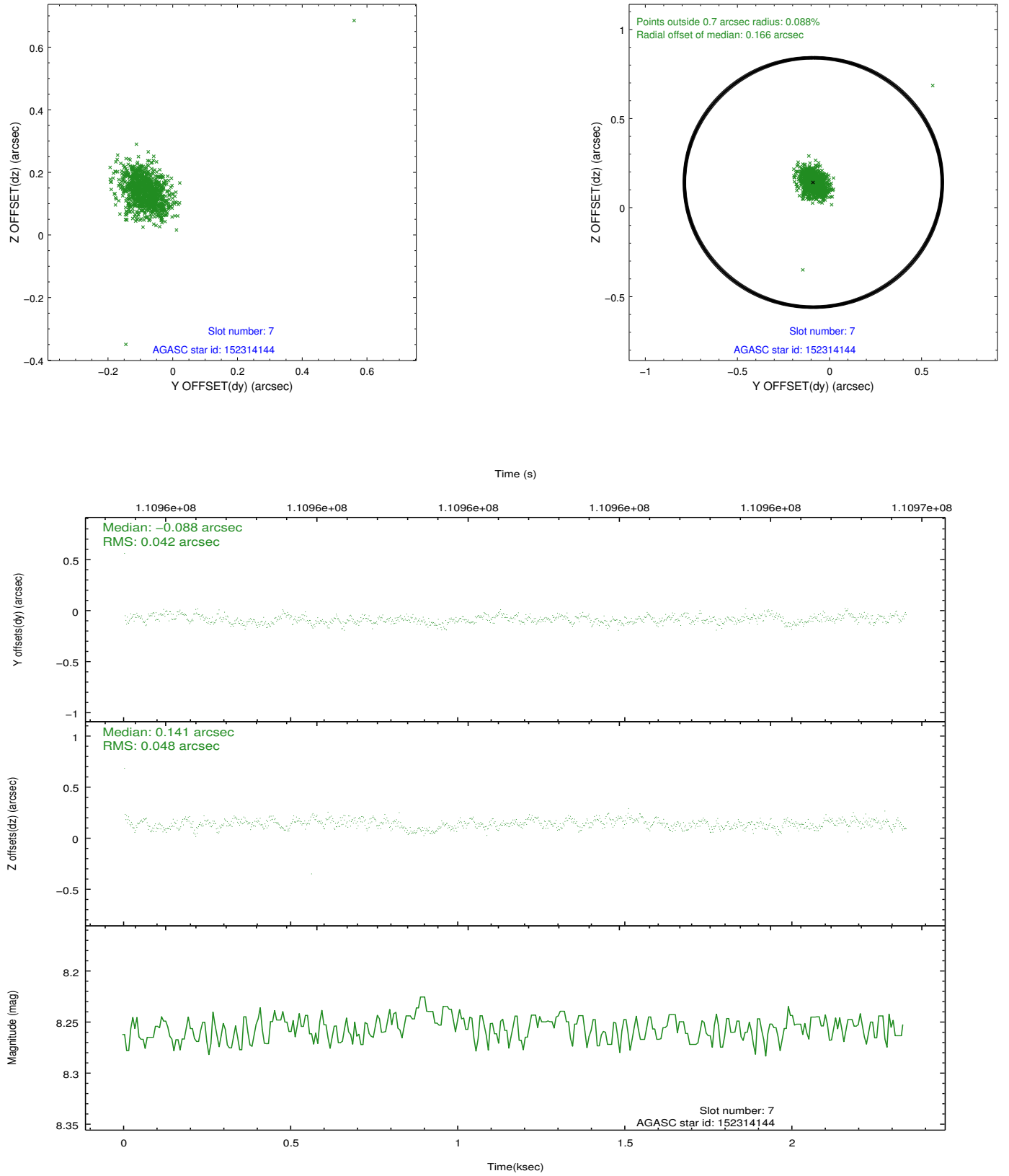
2.4.3 Slot 5



2.4.4 Slot 6

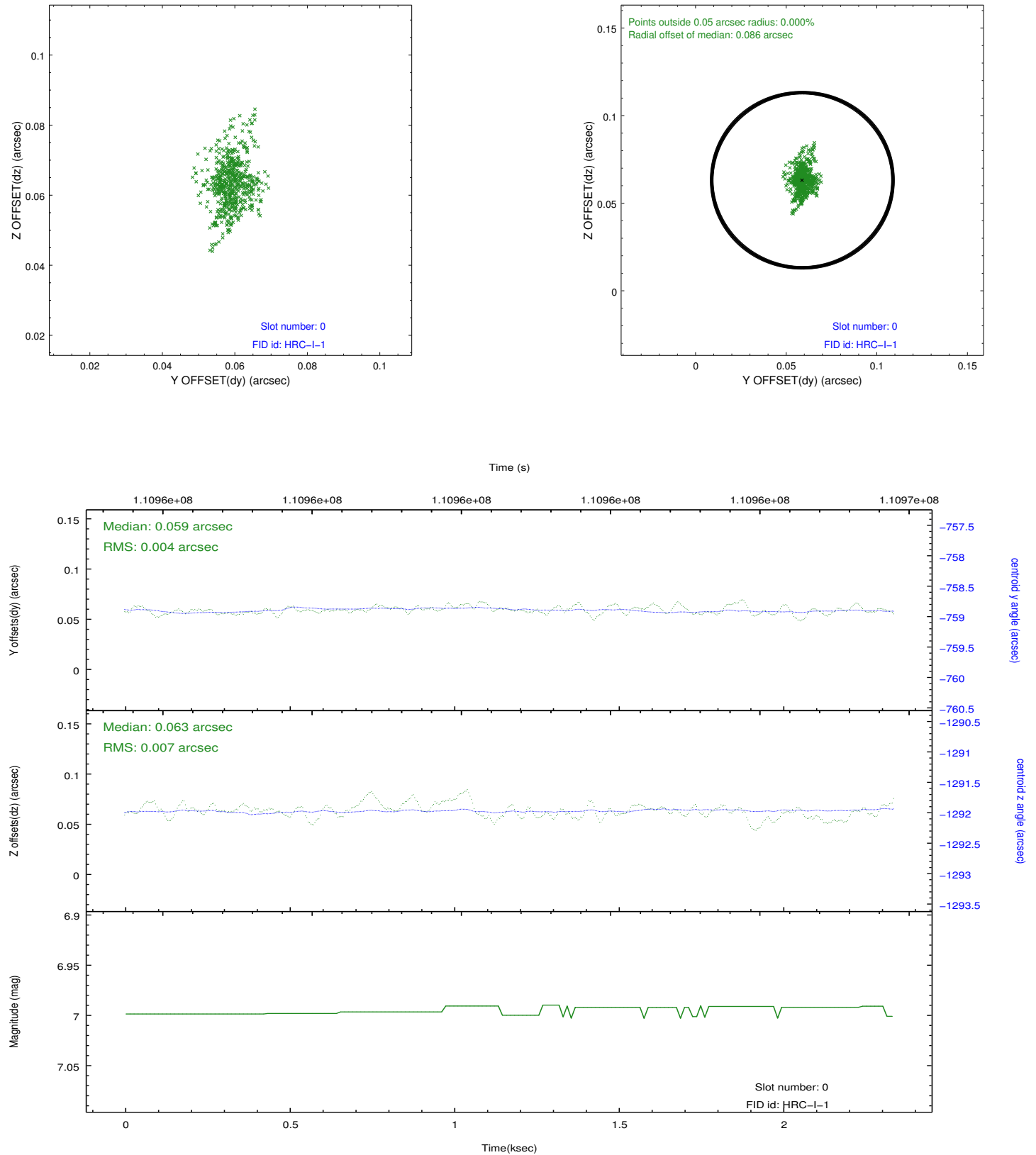


2.4.5 Slot 7

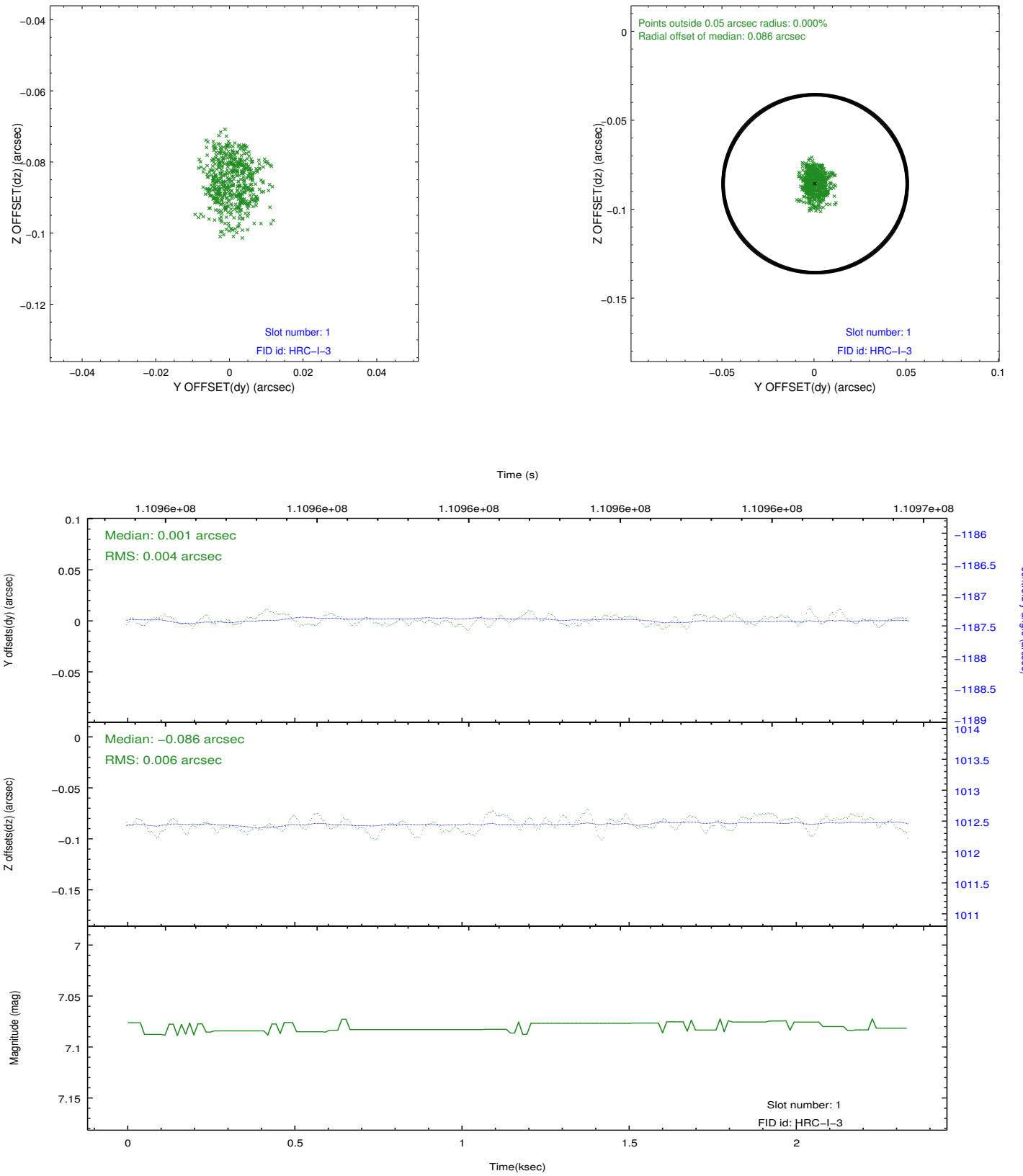


2.5 FID Slots

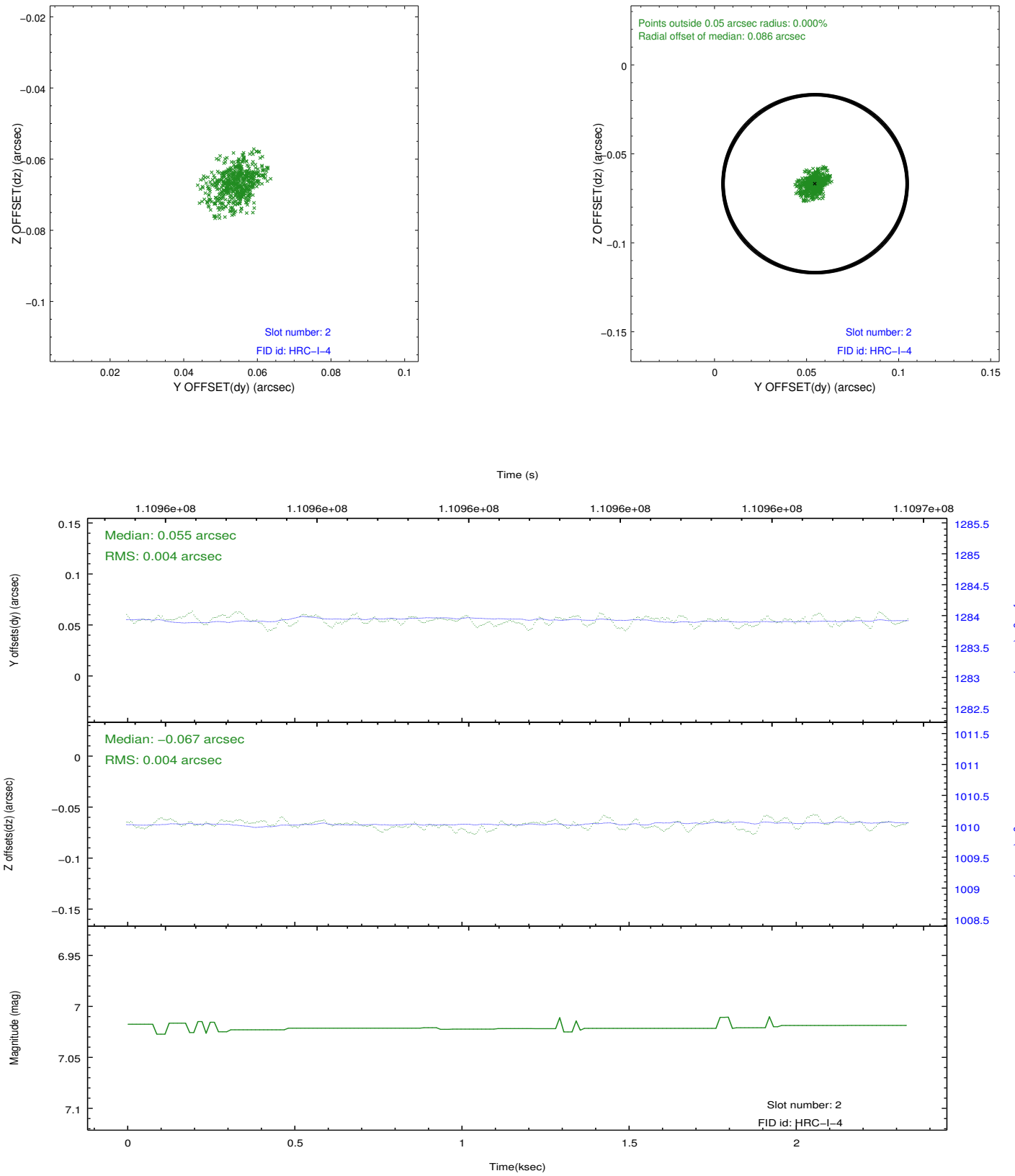
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.34

A.2 Comments

This is a moving target. Users will need to run `sso_freeze` or similar software to position the events in the reference frame of the target.