

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 591 - L2 Version 4
Chandra X-Ray Center

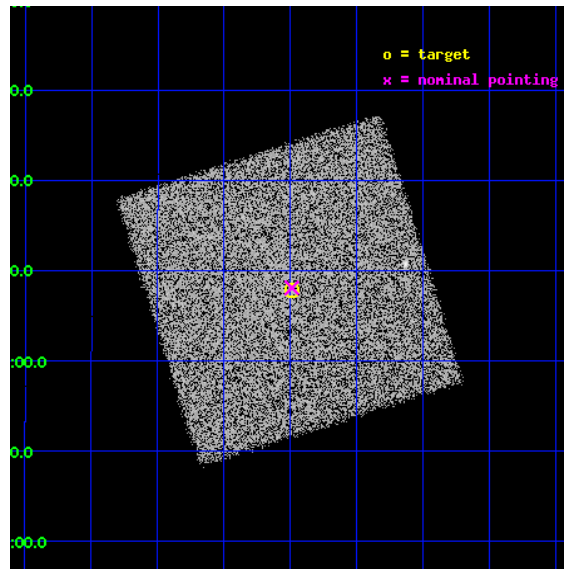
L2 Processing Date : Sep 20 2012

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1 Front

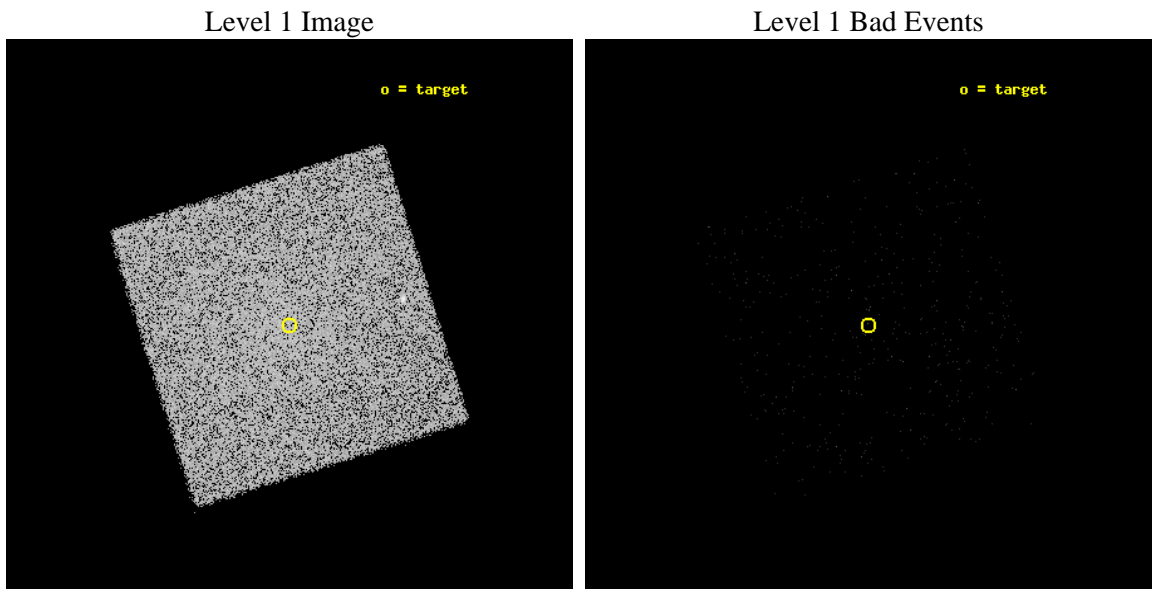
seq_num	100009	Sequence number
obs_id	591	Observation id
title	SOLVING THE PUZZLE OF COMETARY X-RAY ORIGIN: OBSERVATIONS OF COMET 10P/TEMPEL 2	Proposal title
observer	DR W. THOMAS VESTRAND	Principal investigator
object	LINEAR 2001 A2	Source name
ra_targ	350.247788	Observer's specified target RA [deg]
dec_targ	7.13089	Observer's specified target Dec [deg]
ra_nom	350.24730183951	Nominal RA [deg]
dec_nom	7.1351276625077	Nominal Dec [deg]
roll_nom	117.57584671087	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2131.231333375	[s]
livetime	2120.2555825812	Ontime multiplied by DTCOR
l2events	55684	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	2131.231333375	[s]
caldbver	4.5.1.1	 	l1events	89879	Number of level 1 events
date	2012-09-20T12:41:52	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

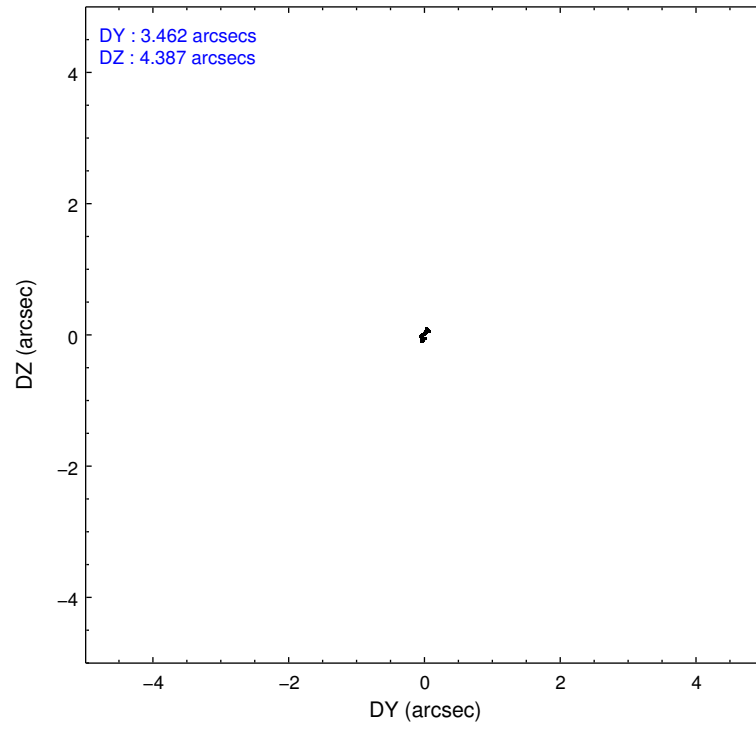
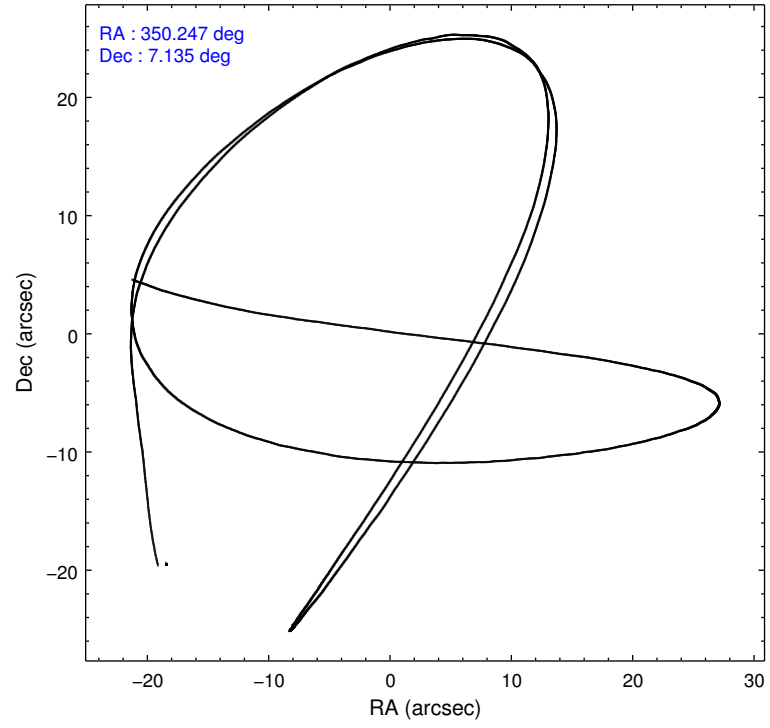
Level 1 Events

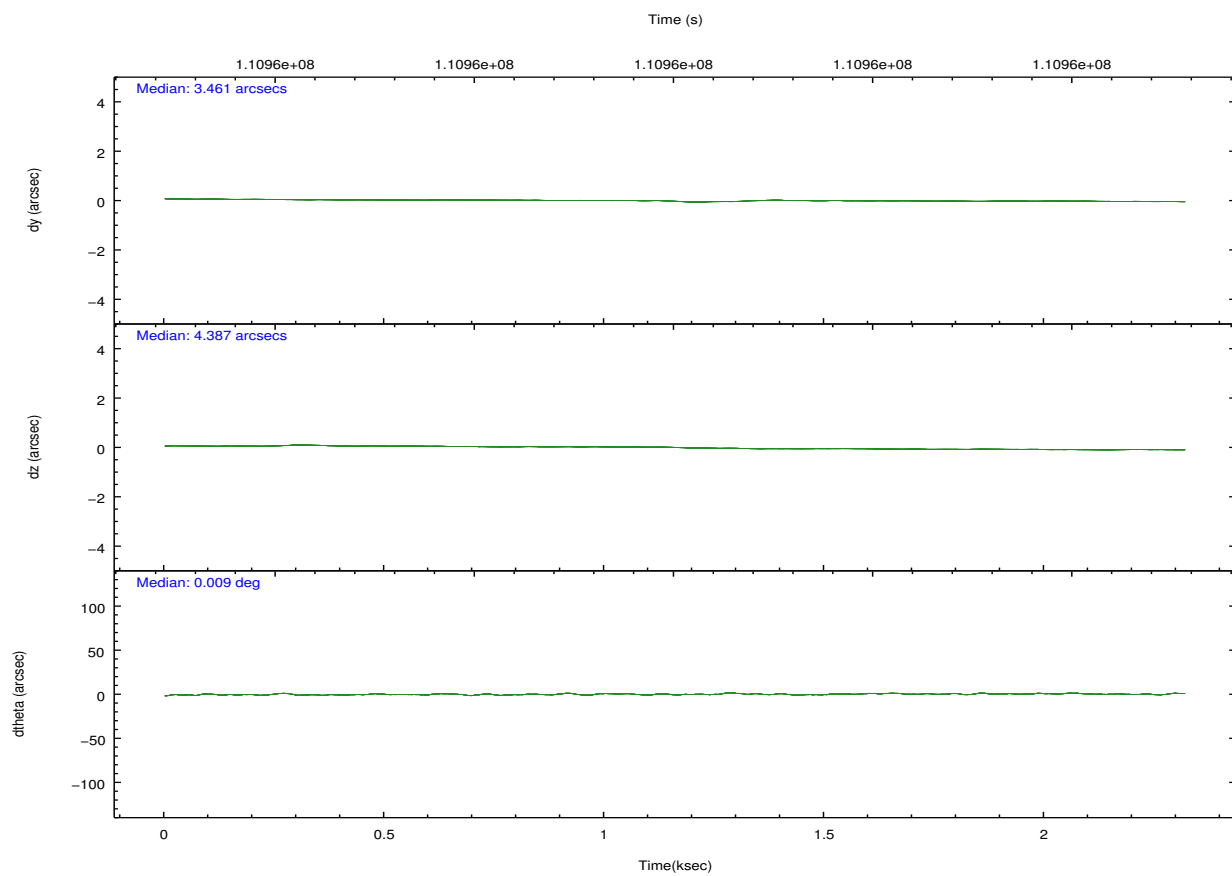
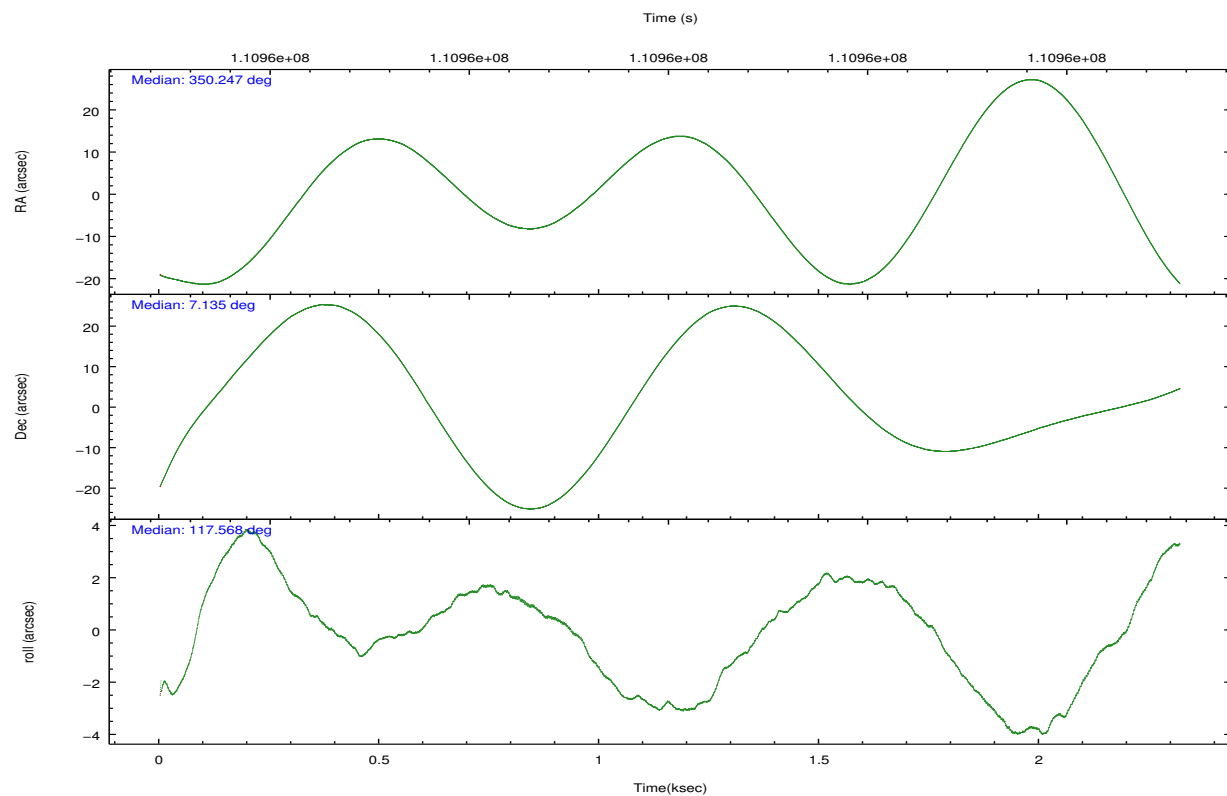
	segment 0
level 1 events	89879
rejected events	6853
rejected %	7%

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	350.270819	350.2473018395139			
[deg] Pointing Dec	7.121047	7.135127662507692			
[deg] Pointing Roll	117.668427	117.5758467108748			
[s] Window start time (MET)	110419264.184000	110419264.184000			
[s] Window stop time (MET)	111024064.184000	111024064.184000			
[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)	110960517.184000	110959563.11867			
Observation start date	2001-07-08T06:20:53	2001-07-08T06:06:03			
[s] Observation end time (MET)	110962667.184000	110962800.58129			
Observation end date	2001-07-08T06:56:43	2001-07-08T07:00:00			

2.3 Aspect



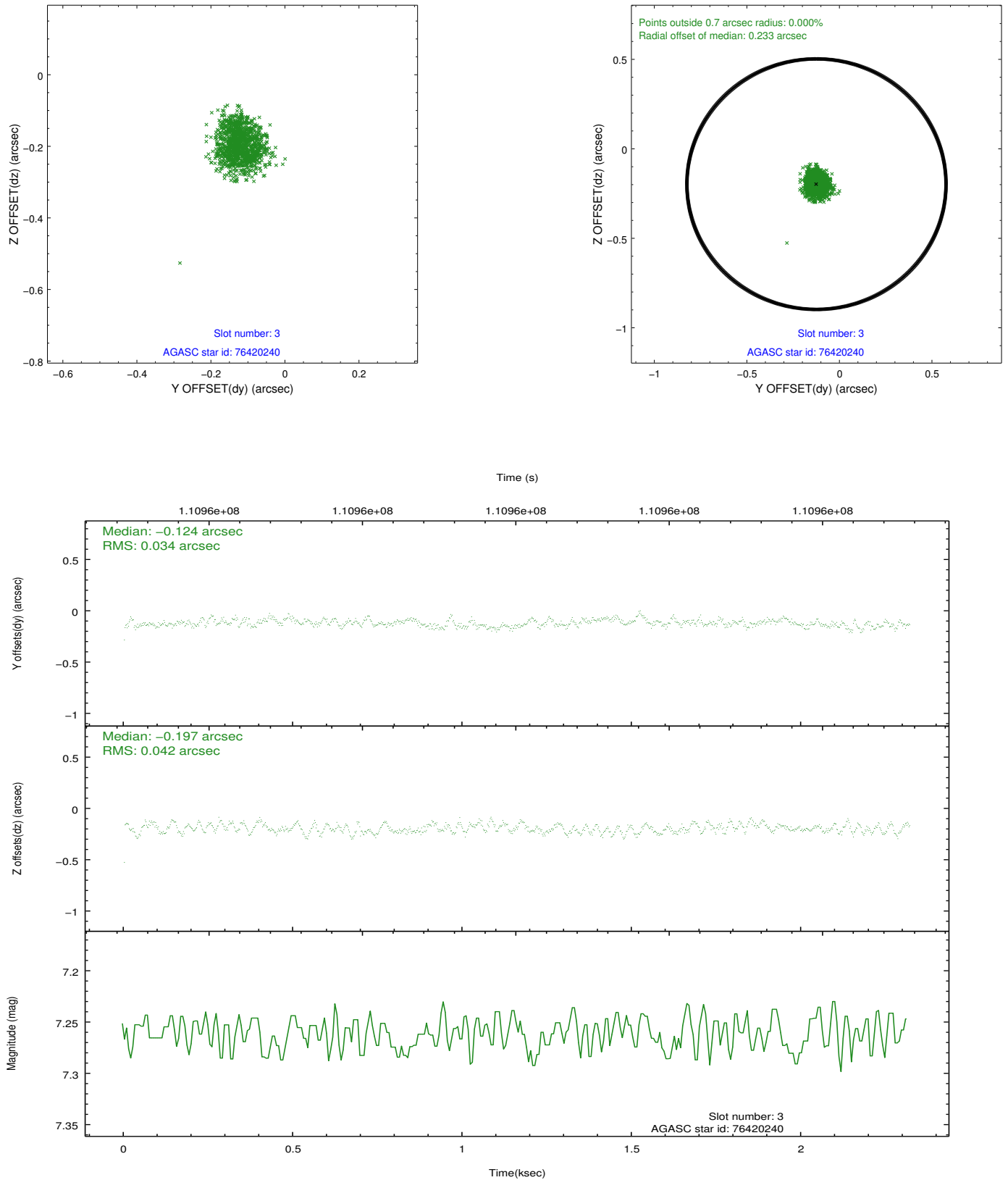


Slot Statistics

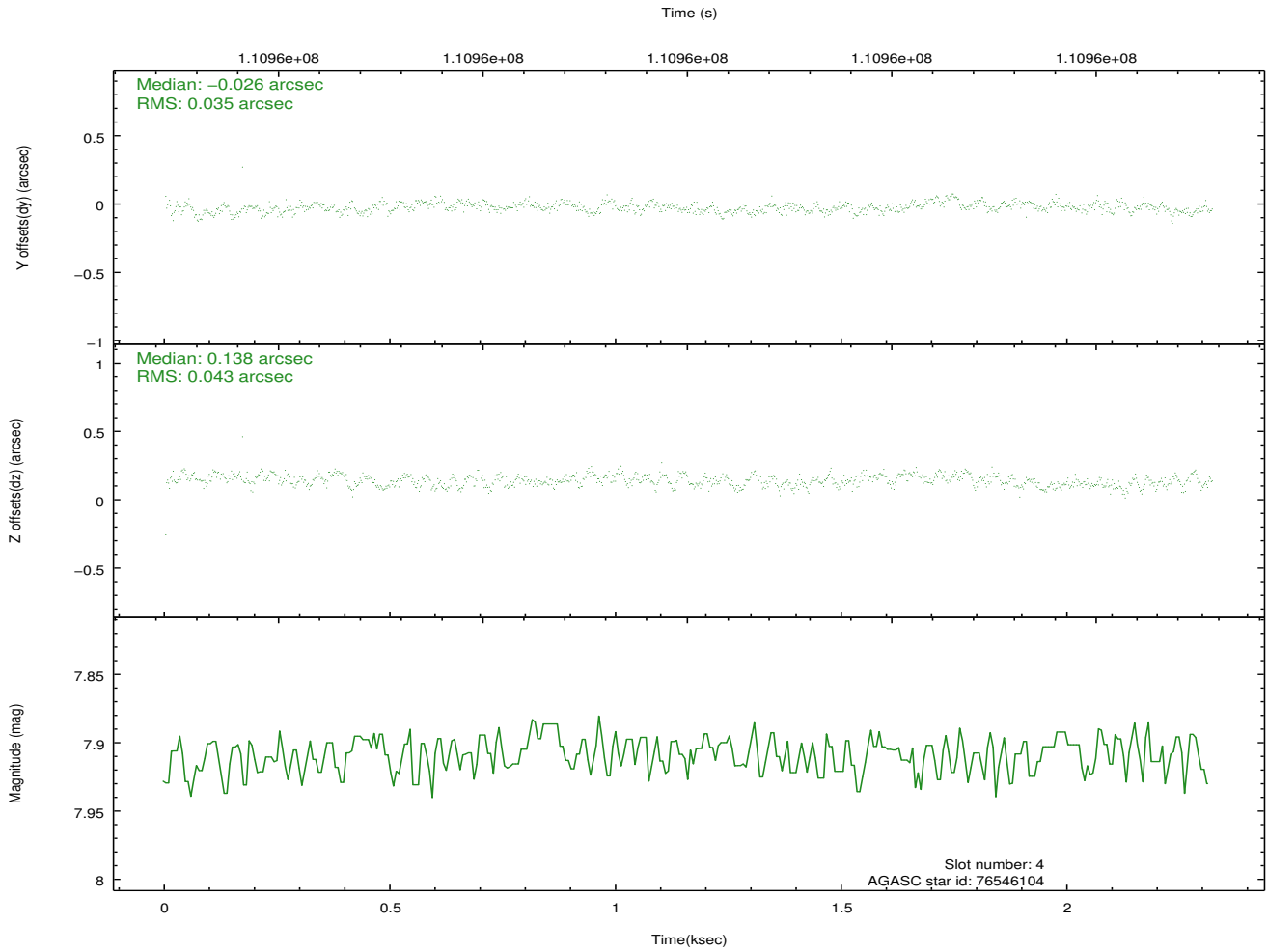
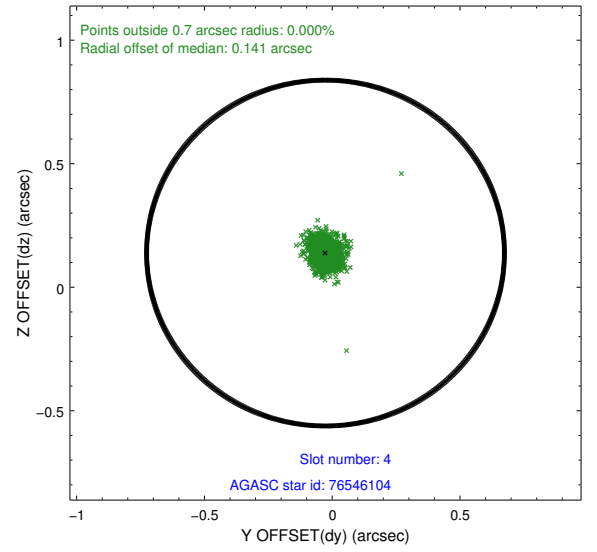
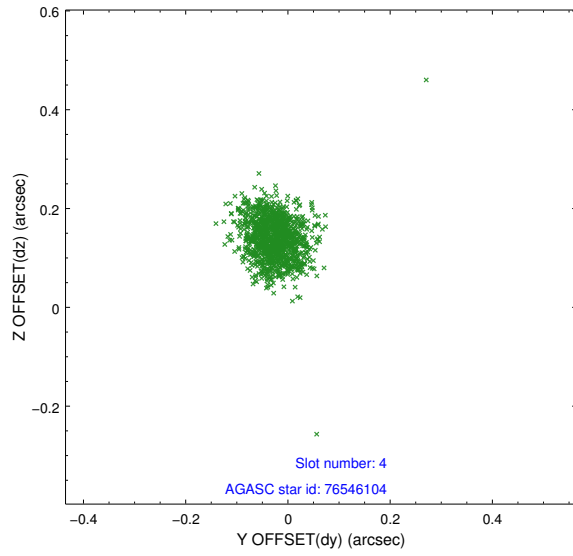
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.00	566	0.054	0.059	0.007	0.011	0.000000	0.000000	-758.92	-1292.08
1	FID	HRC-I-3	7.09	566	-0.001	-0.086	0.007	0.012	0.000000	0.000000	-1188.77	1010.07
2	FID	HRC-I-4	7.02	566	0.060	-0.062	0.006	0.009	0.000000	0.000000	1281.81	1011.73
3	GUIDE	76420240	7.26	1132	-0.124	-0.197	0.058	0.089	349.834746	7.214951	1022.47	1221.60
4	GUIDE	76546104	7.91	1132	-0.026	0.138	0.058	0.091	350.637569	7.487255	560.87	-1770.80
5	GUIDE	76551232	8.01	1132	0.045	-0.167	0.056	0.088	350.076046	6.872411	-469.30	1030.10
6	GUIDE	76547376	8.36	1132	0.179	0.060	0.052	0.086	350.586866	6.650509	-2025.33	-214.09
7	GUIDE	152314144	8.26	1131	-0.087	0.170	0.056	0.092	350.482166	7.593054	1152.76	-1457.21

2.4 Star Slots

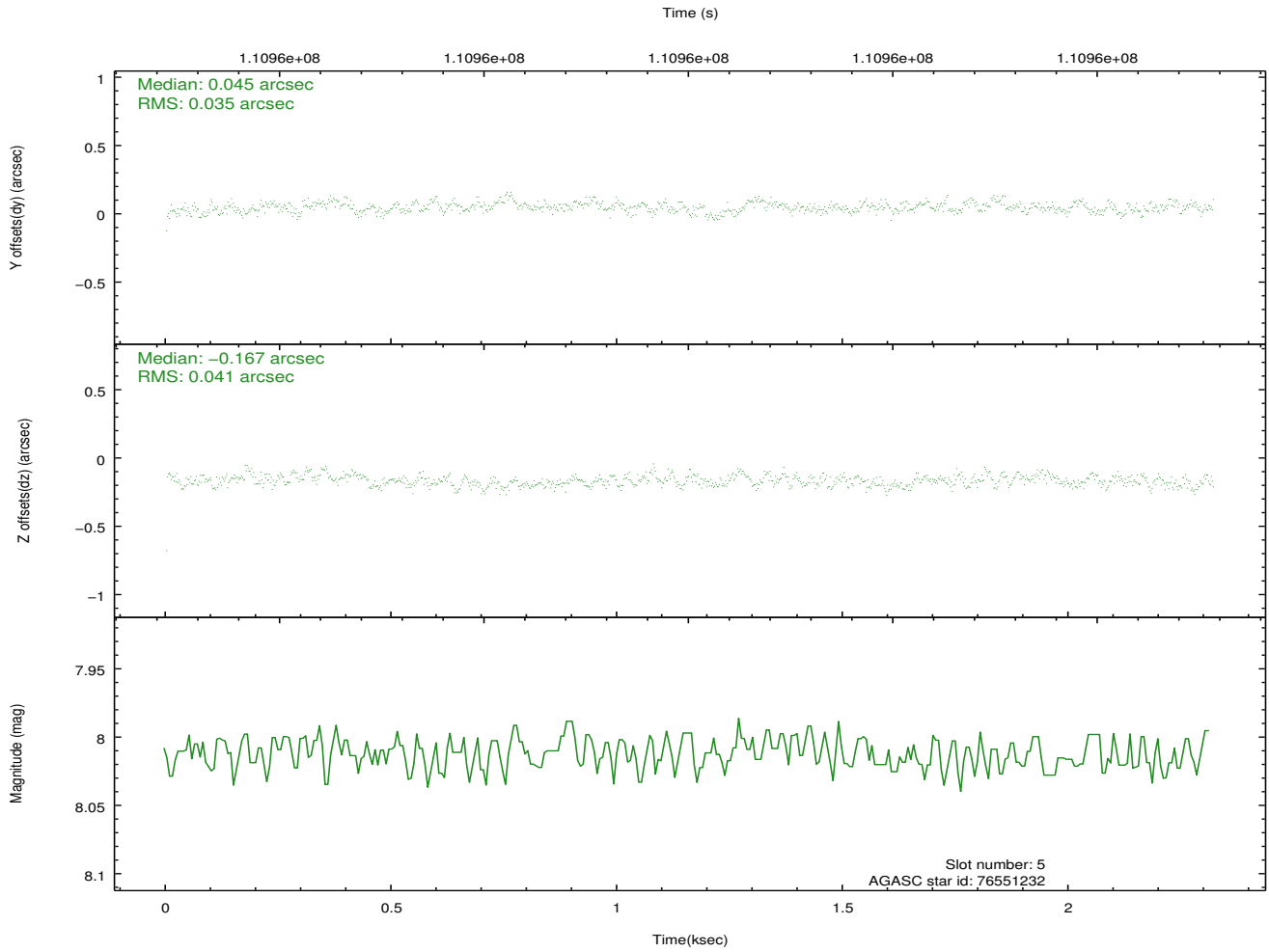
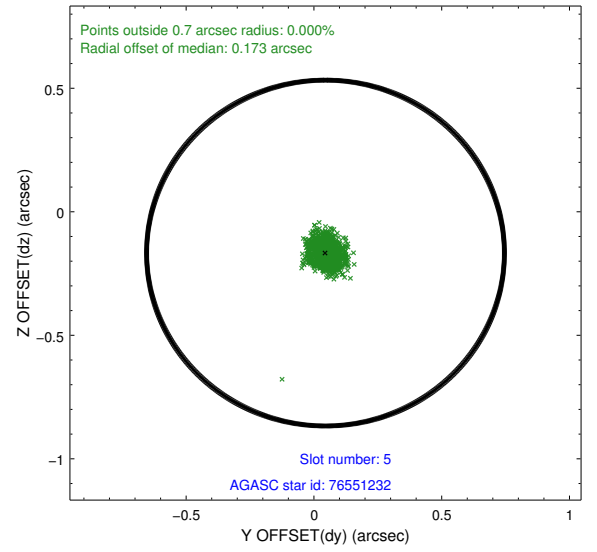
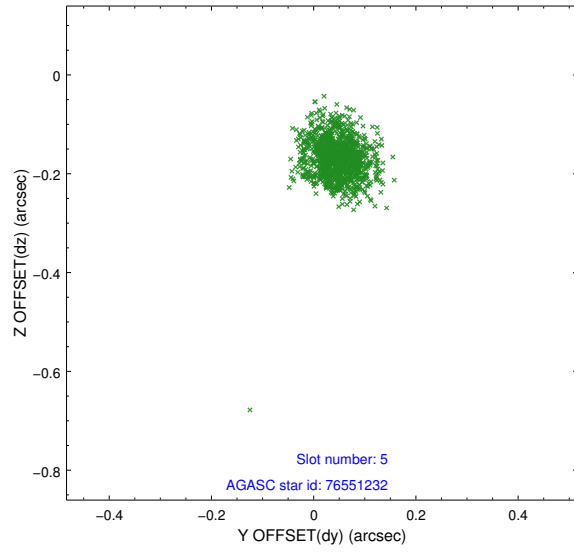
2.4.1 Slot 3



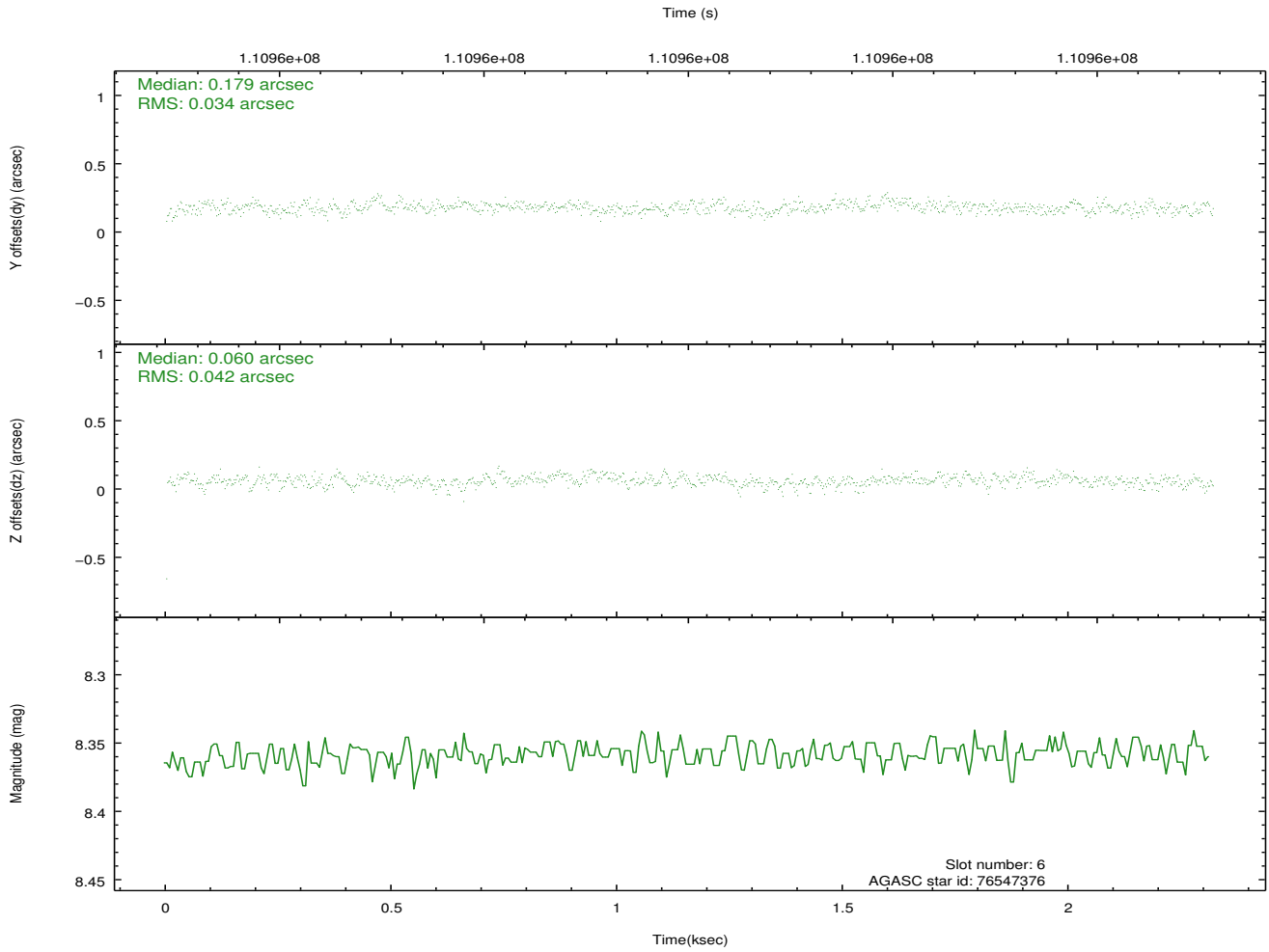
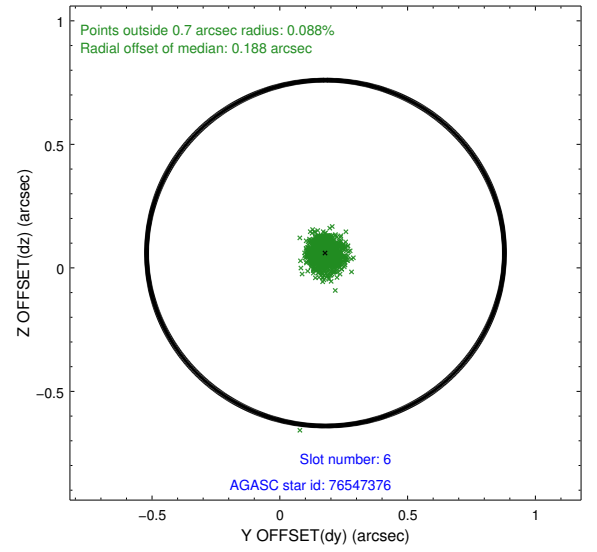
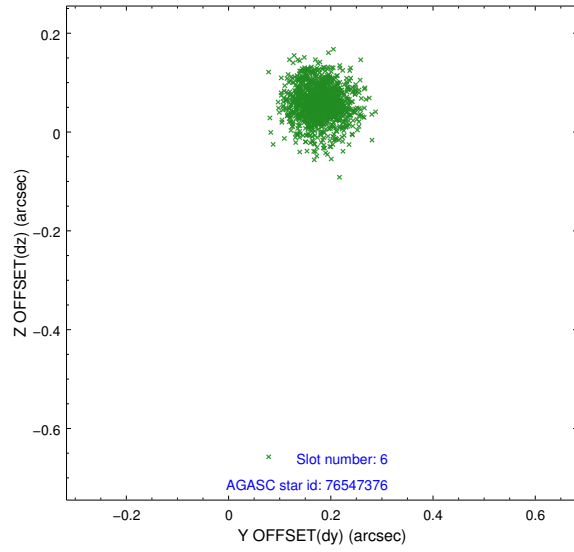
2.4.2 Slot 4



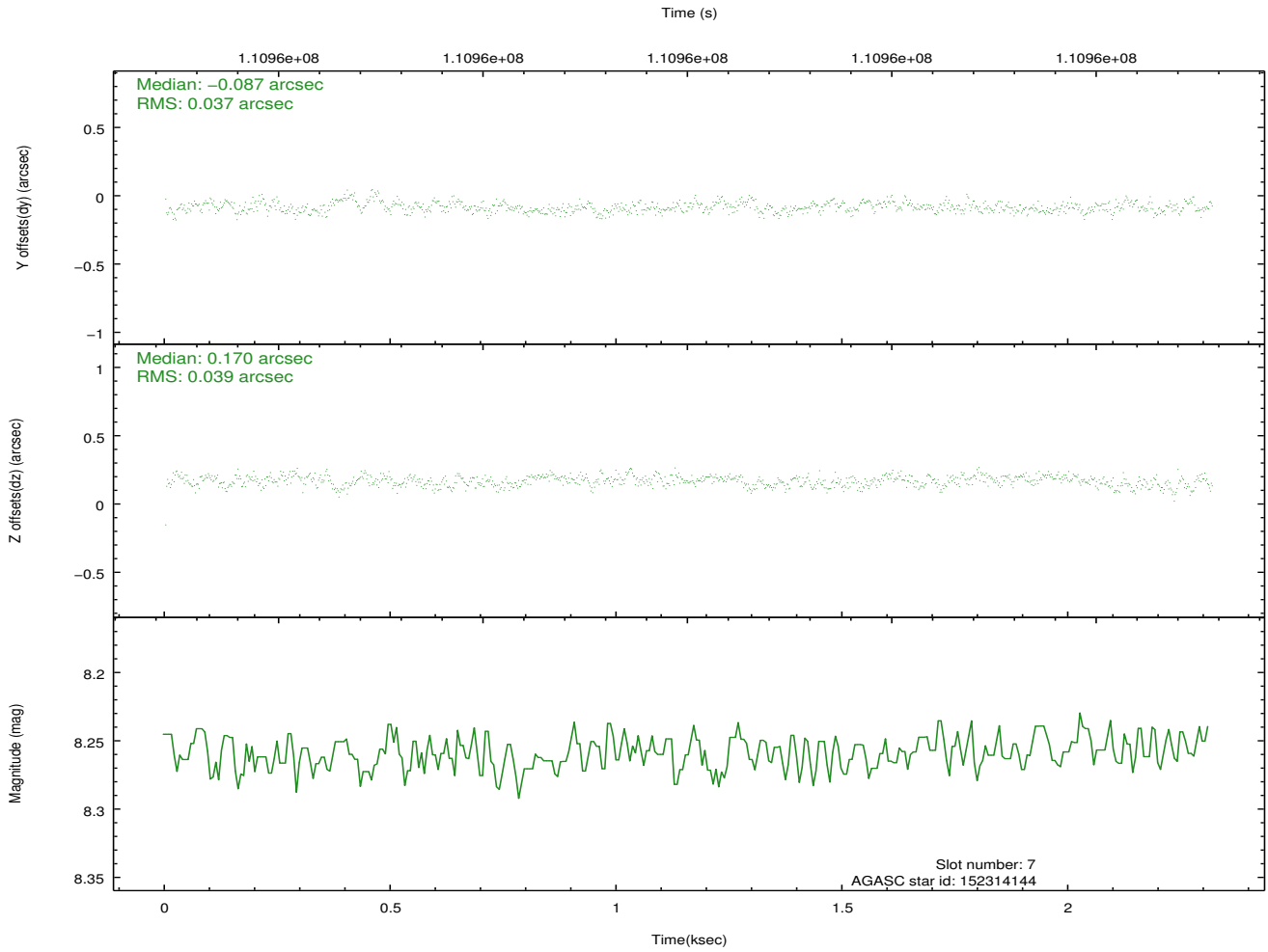
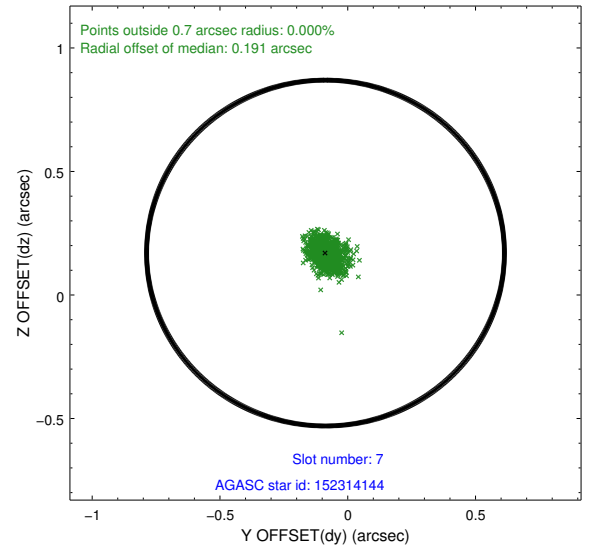
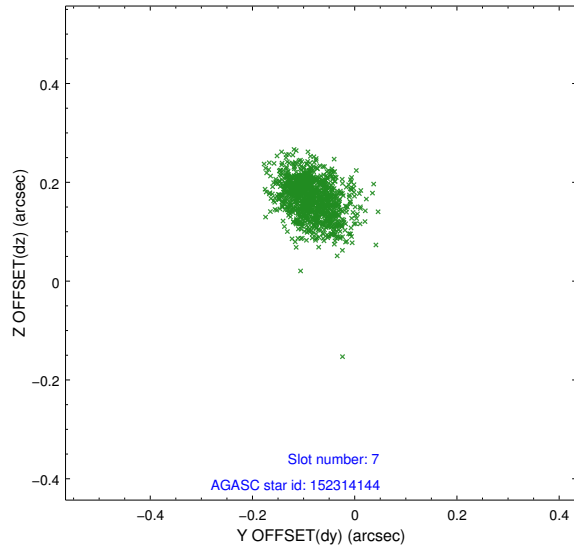
2.4.3 Slot 5



2.4.4 Slot 6

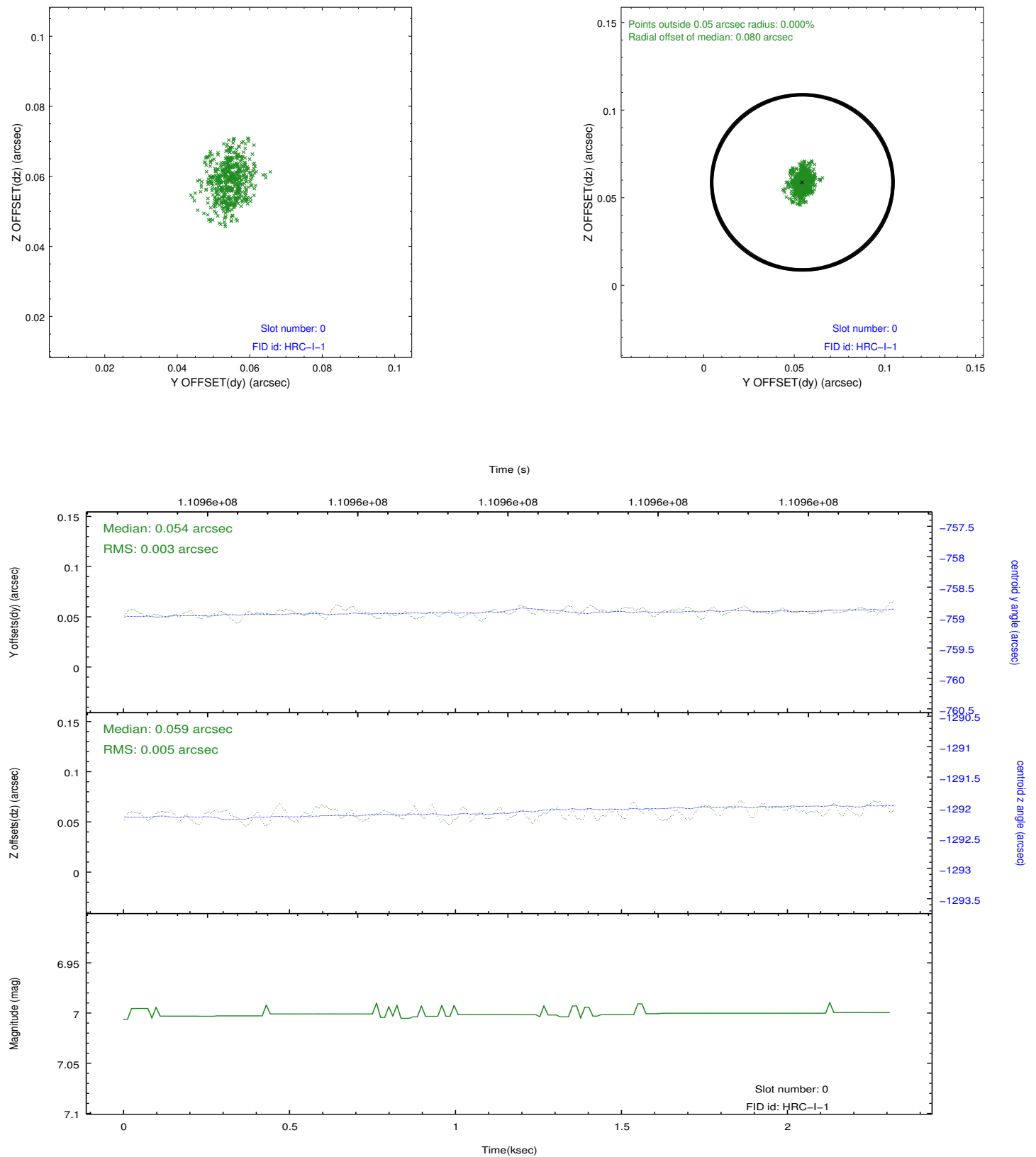


2.4.5 Slot 7

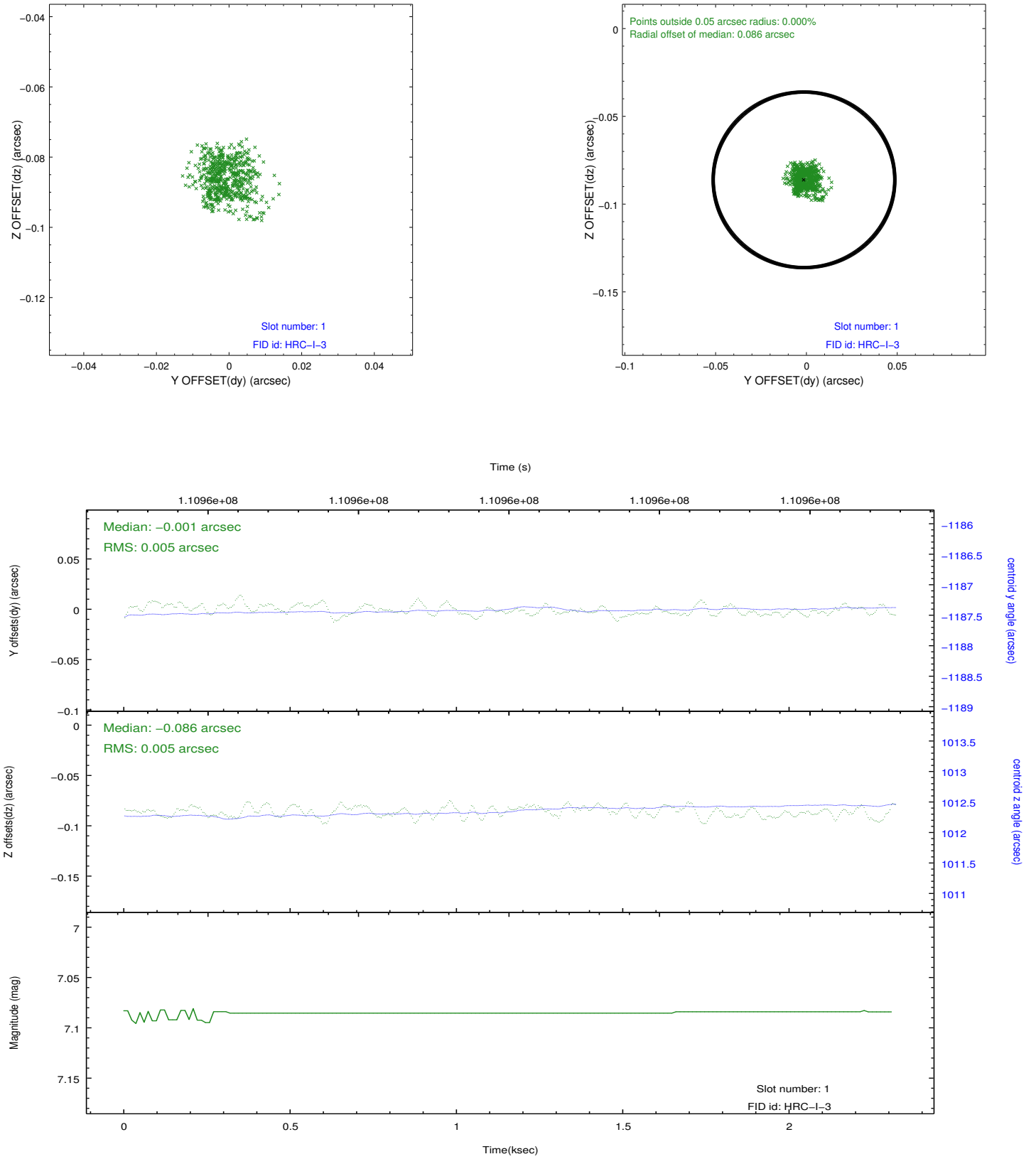


2.5 FID Slots

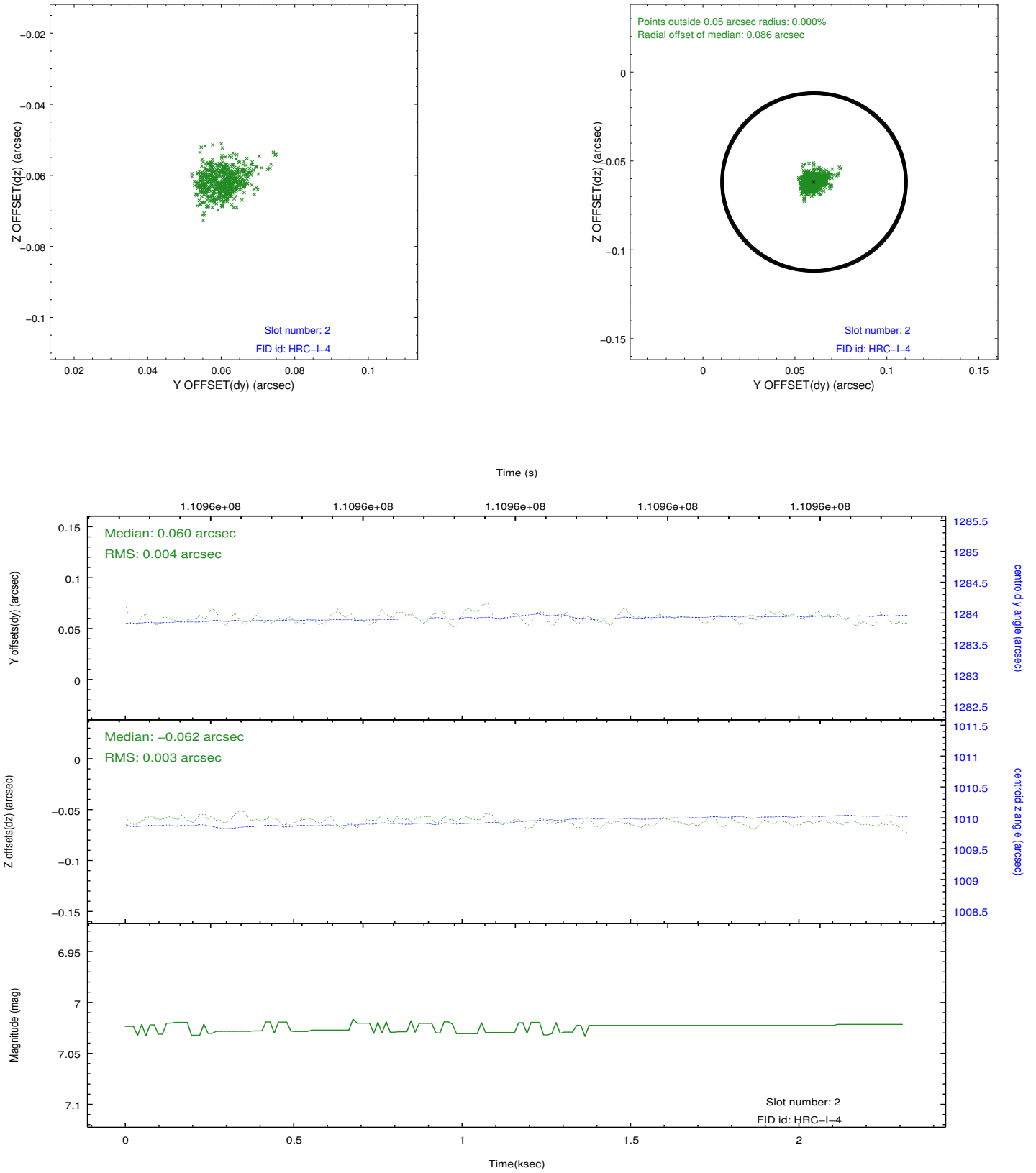
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.09.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.131

A.2 Comments

Window preference met.