

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10082 - L2 Version 3
Chandra X-Ray Center

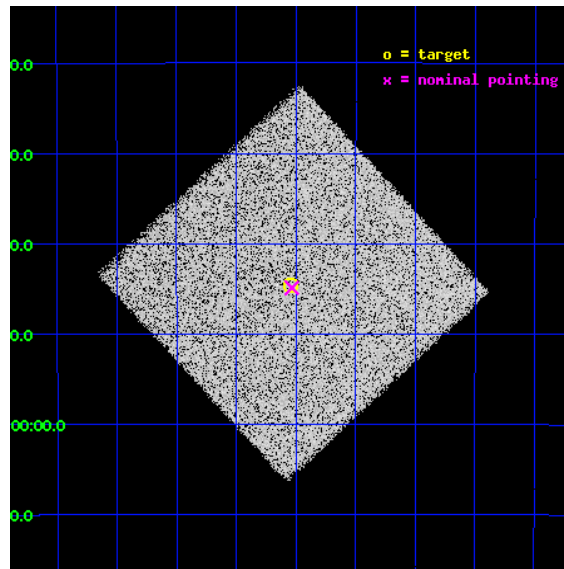
L2 Processing Date : Aug 13 2012

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1 Front

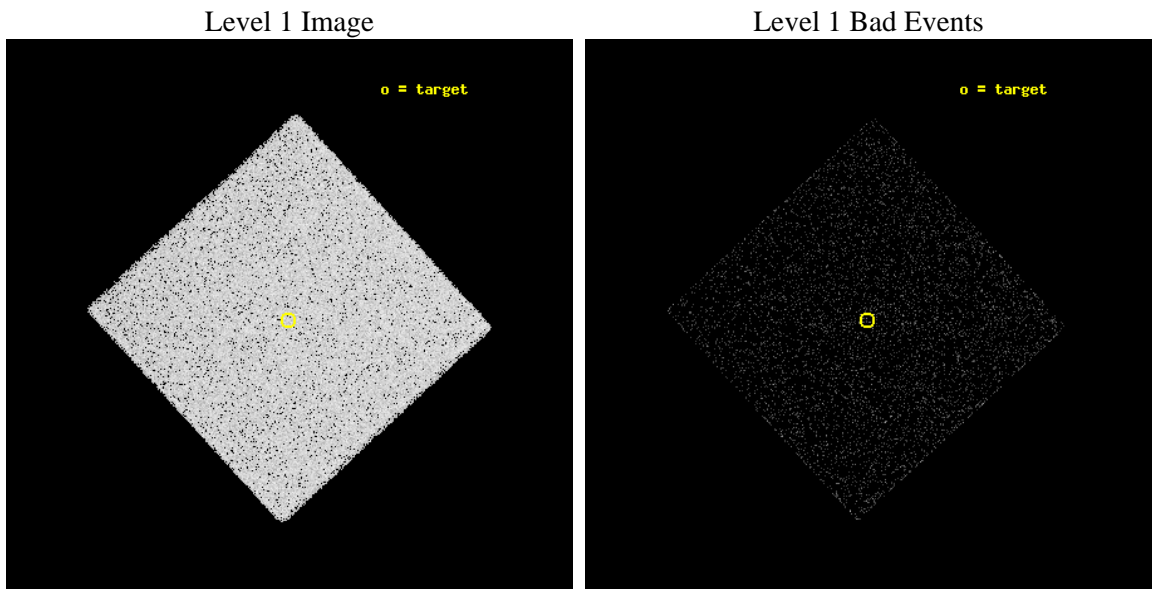
seq_num	401045	Sequence number
obs_id	10082	Observation id
title	Precise Chandra position determinations of compact binary candidates-faint persistent INTEGRAL sources in the bulge	Proposal title
observer	Dr. Mikhail Revnivtsev	Principal investigator
object	IGR J17505-2644	Source name
ra_targ	267.635833	Observer's specified target RA [deg]
dec_targ	-26.744	Observer's specified target Dec [deg]
ra_nom	267.63345474331	Nominal RA [deg]
dec_nom	-26.748249626436	Nominal Dec [deg]
roll_nom	272.2916241972	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1179.7750590444	[s]
livetime	1165.474215377	Ontime multiplied by DTCOR
l2events	88340	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1179.7750590444	[s]
caldsver	4.5.1.1	 	l1events	193234	Number of level 1 events
date	2012-08-13T11:31:34	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

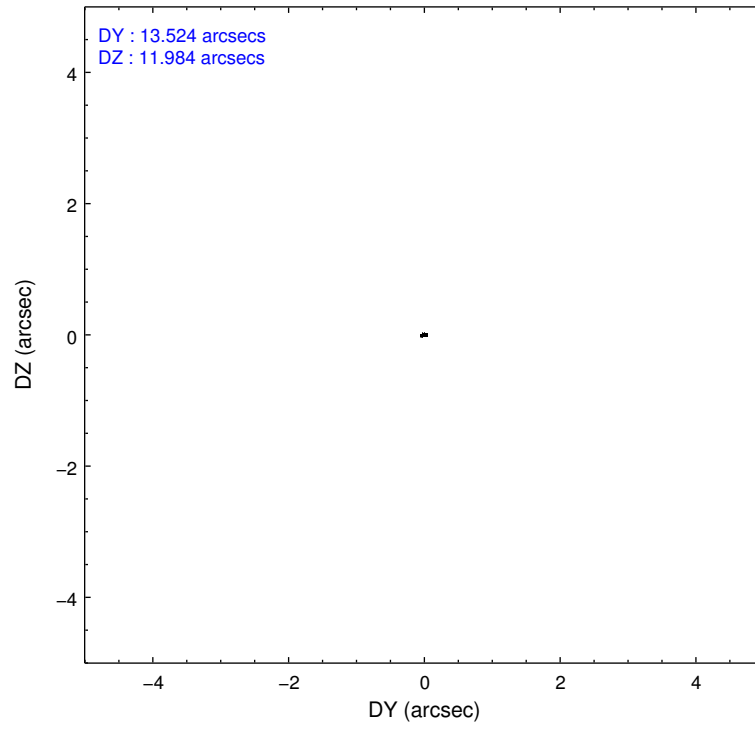
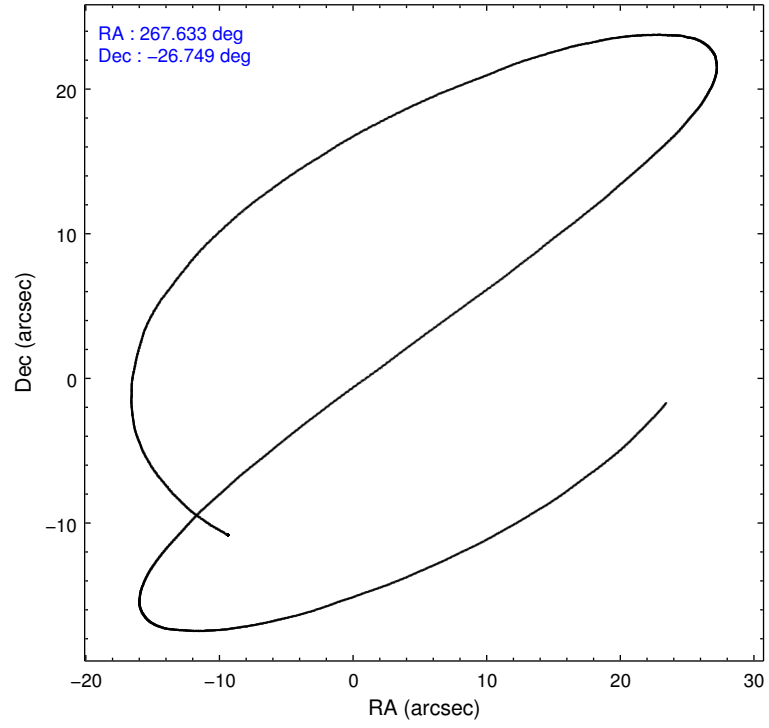
Level 1 Events

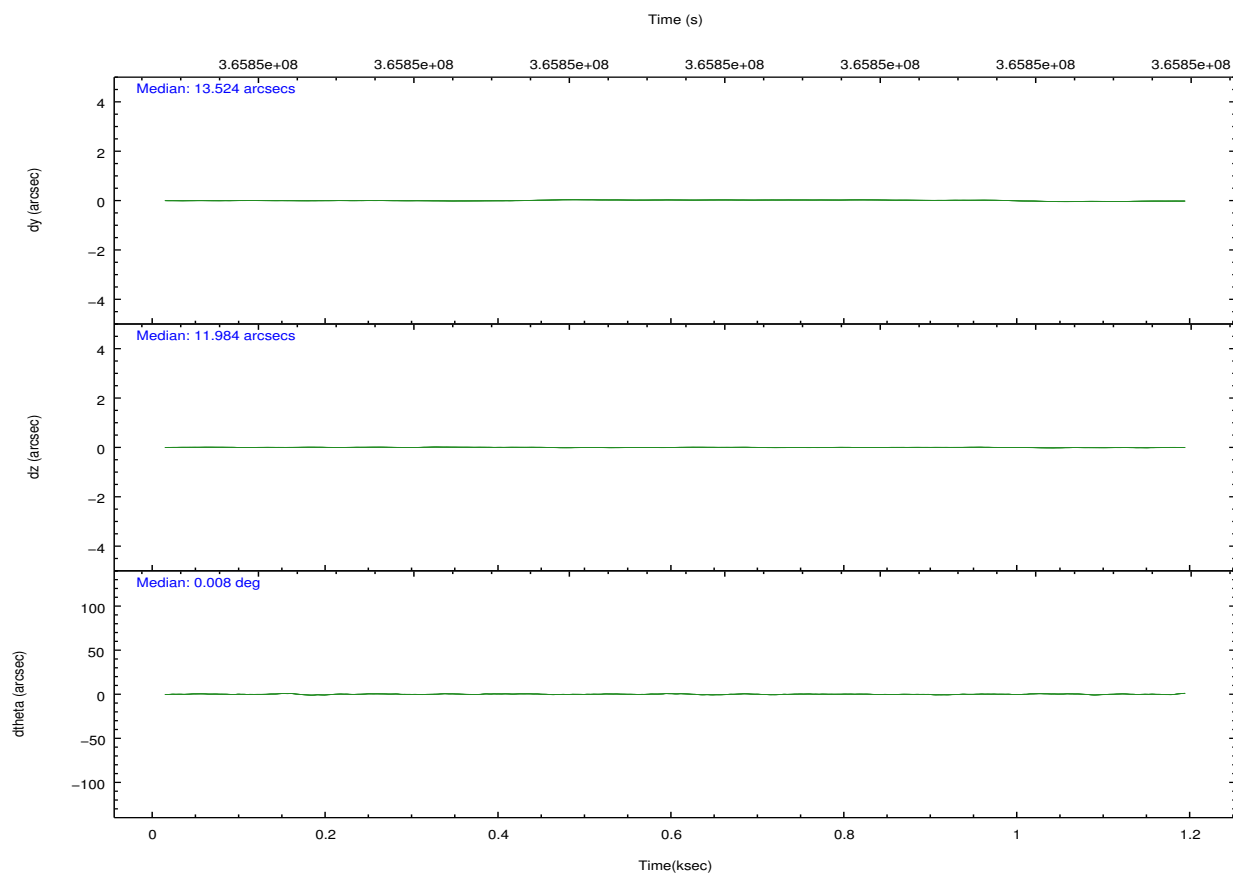
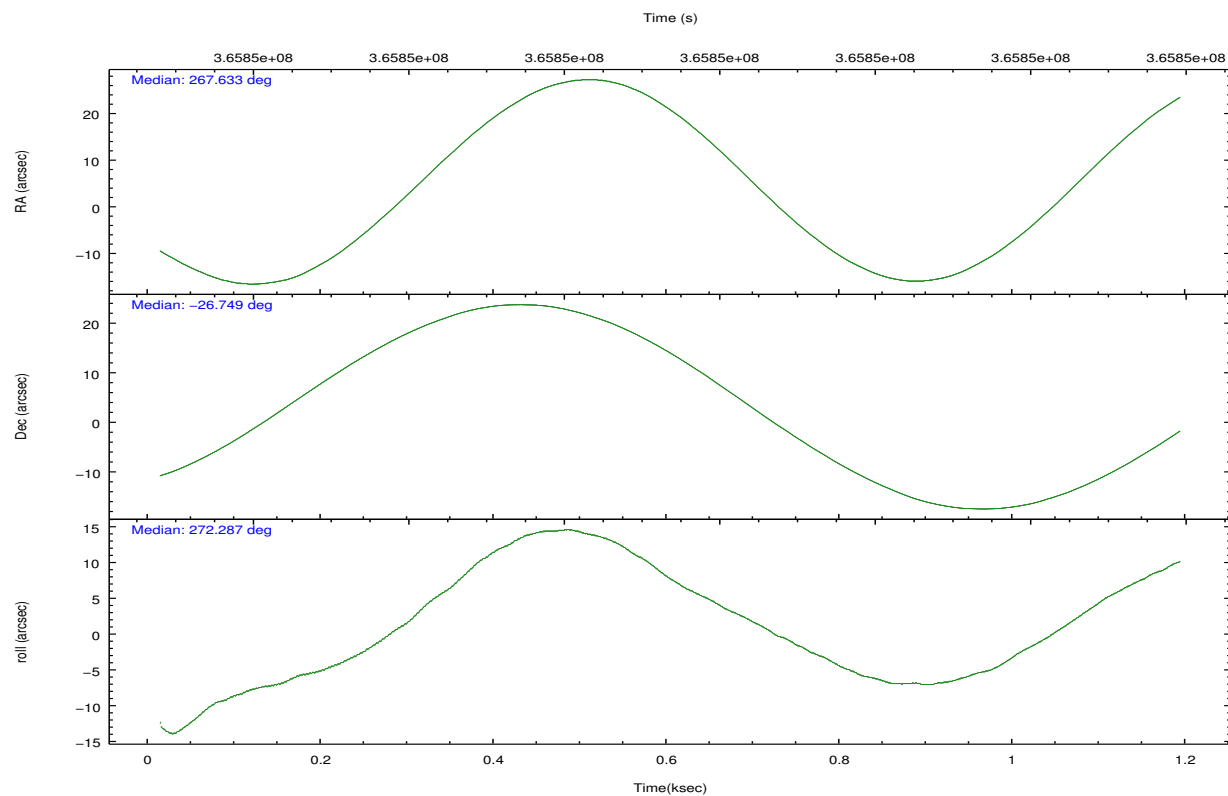
	segment 0
level 1 events	193234
rejected events	64345
rejected %	33%

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	267.617401	267.6334547433074			
[deg] Pointing Dec	-26.725334	-26.74824962643564			
[deg] Pointing Roll	272.379880	272.2916241971976			
[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)	365846339.184000	365845841.15292			
Observation start date	2009-08-05T07:57:53	2009-08-05T07:50:41			
[s] Observation end time (MET)	365847339.184000	365847610.30301			
Observation end date	2009-08-05T08:14:33	2009-08-05T08:20:10			

2.3 Aspect



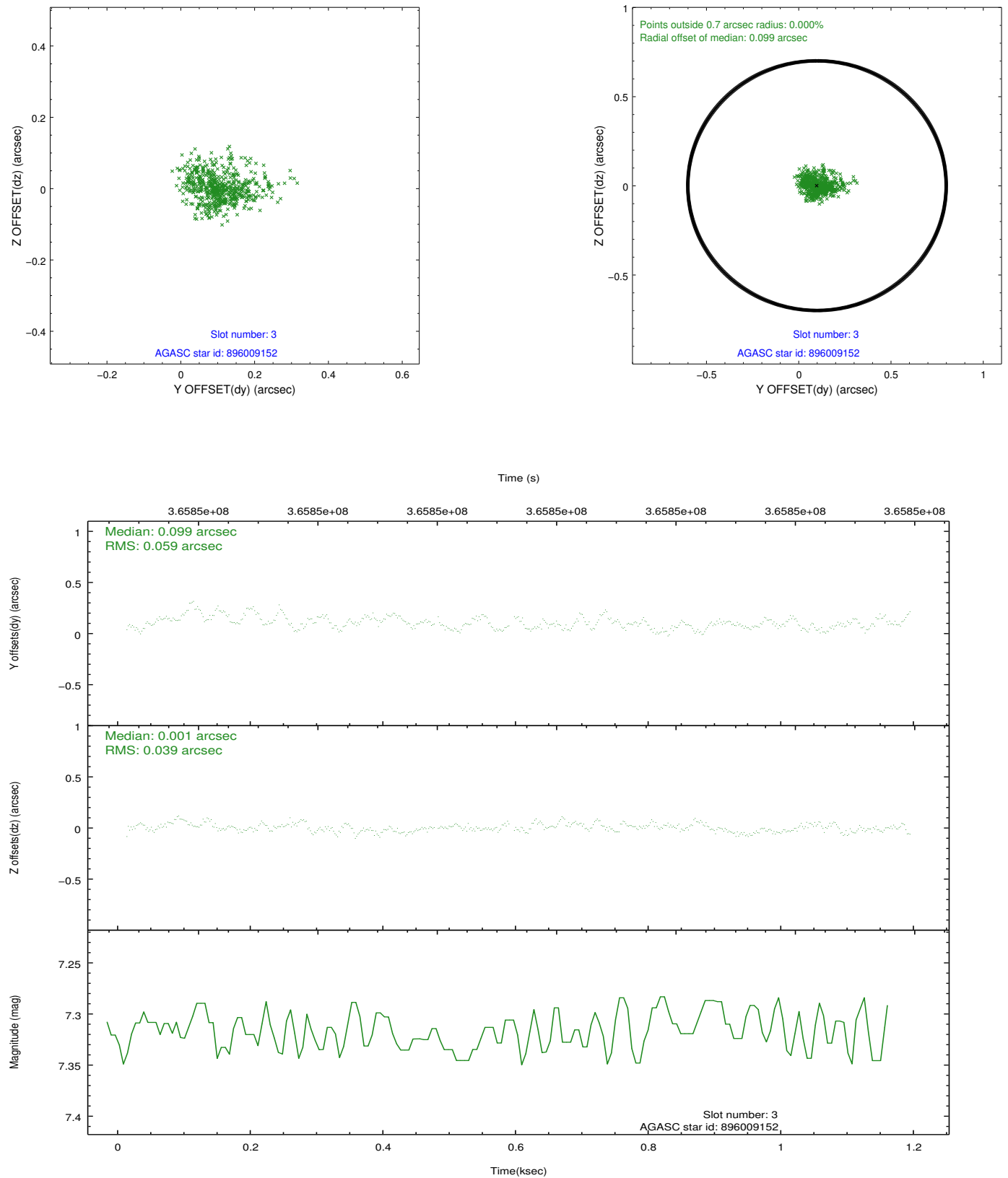


Slot Statistics

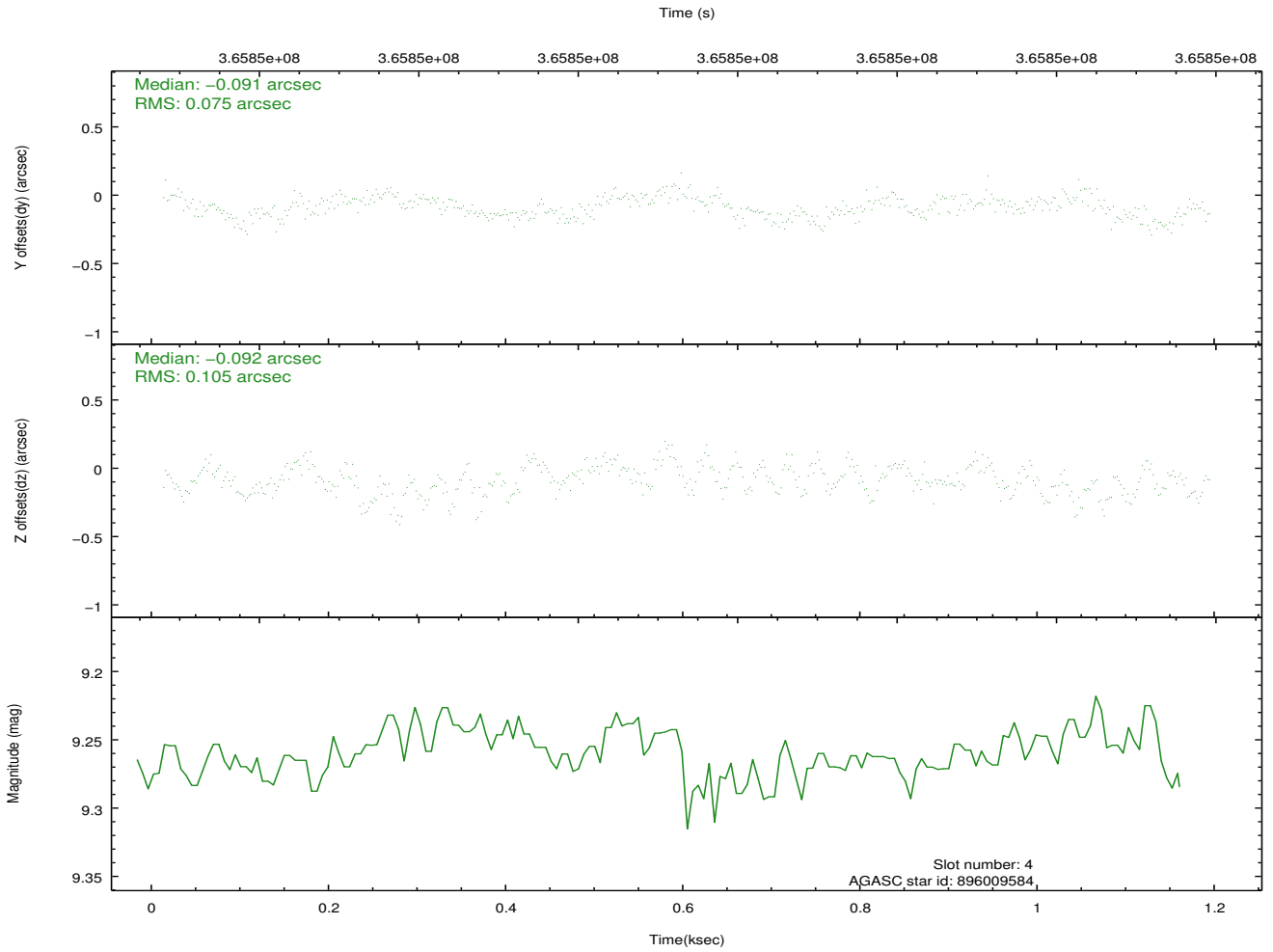
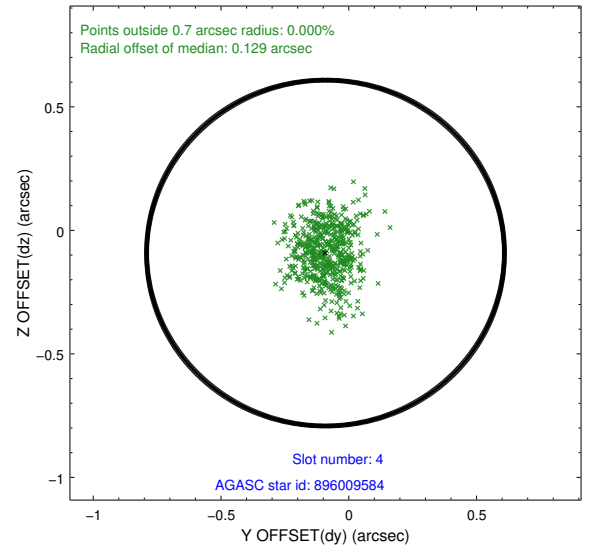
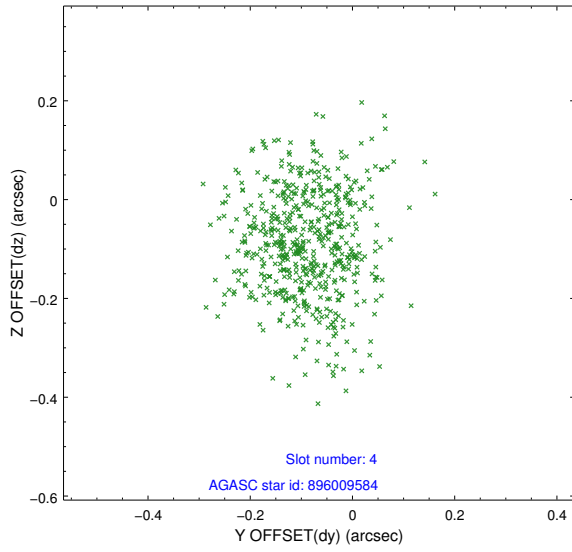
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.02	288	0.147	-0.134	0.007	0.011	0.000000	0.000000	843.50	-1301.67
1	FID	HRC-I-3	7.08	289	-0.157	0.089	0.006	0.009	0.000000	0.000000	-1195.02	1000.16
2	FID	HRC-I-4	7.00	288	0.129	-0.042	0.006	0.010	0.000000	0.000000	1269.47	1005.63
3	GUIDE	896009152	7.32	572	0.099	0.001	0.074	0.126	267.588100	-27.061669	1205.66	-141.26
4	GUIDE	896009584	9.26	577	-0.091	-0.092	0.135	0.232	266.891313	-26.347528	-1448.06	-2281.86
5	GUIDE	896011832	8.59	577	0.078	-0.185	0.073	0.127	267.406704	-27.398054	2389.52	-774.90
6	GUIDE	897192352	8.90	577	-0.241	0.061	0.088	0.142	268.240875	-26.051045	-2333.68	2116.78
7	GUIDE	897717760	7.26	576	0.148	0.197	0.080	0.126	268.392593	-27.282645	2110.57	2401.44

2.4 Star Slots

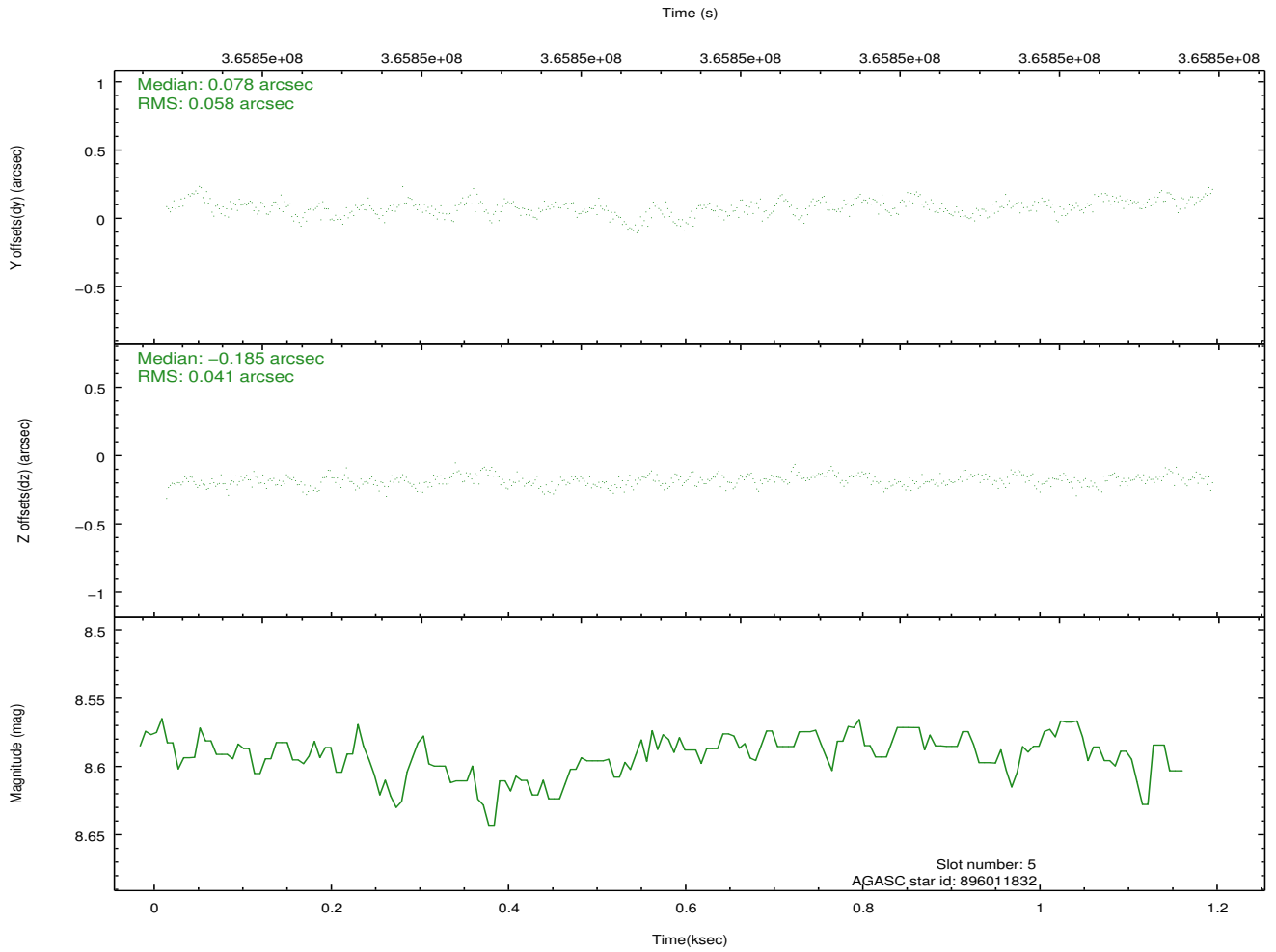
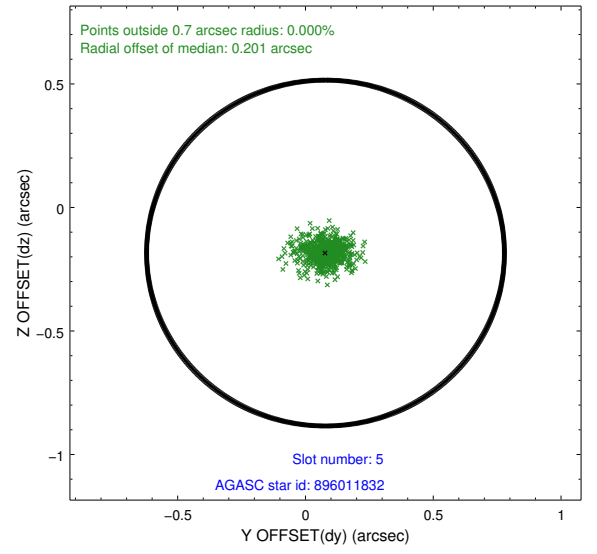
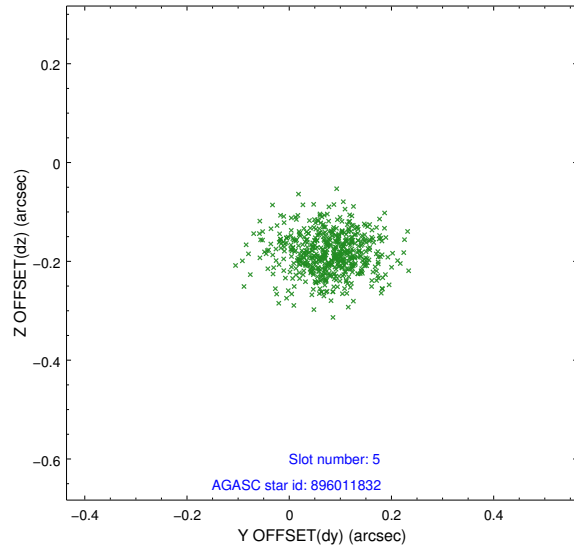
2.4.1 Slot 3



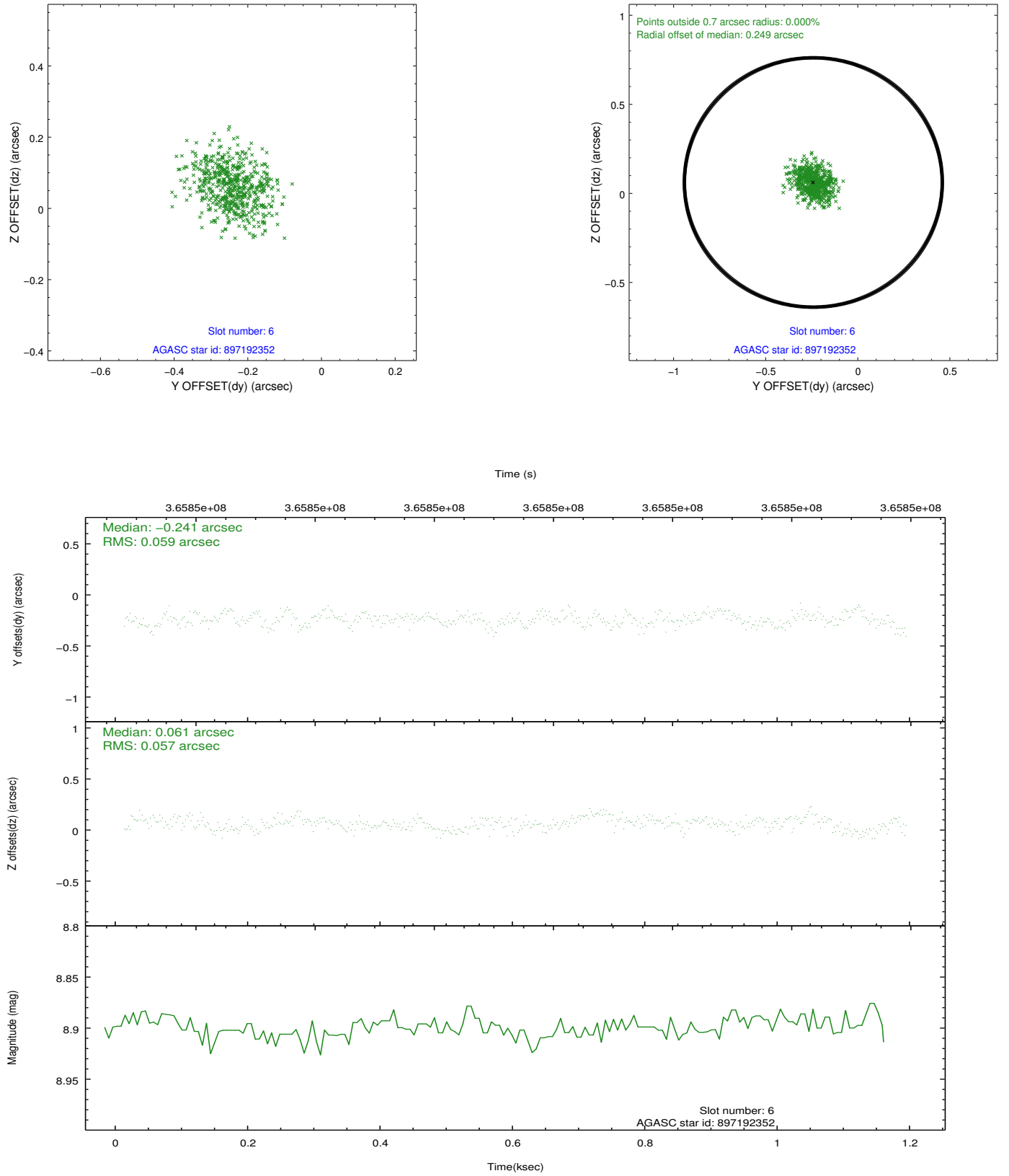
2.4.2 Slot 4



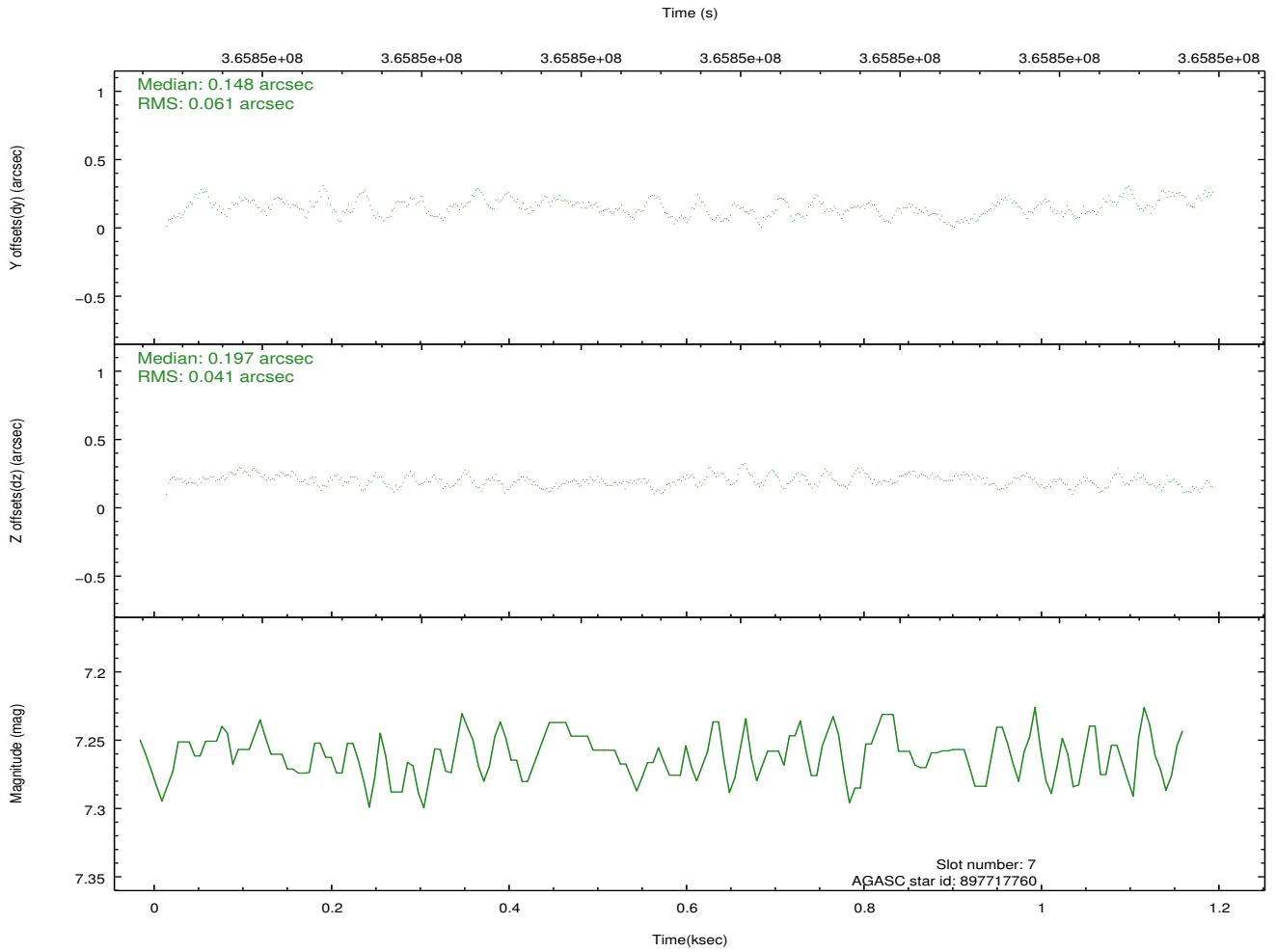
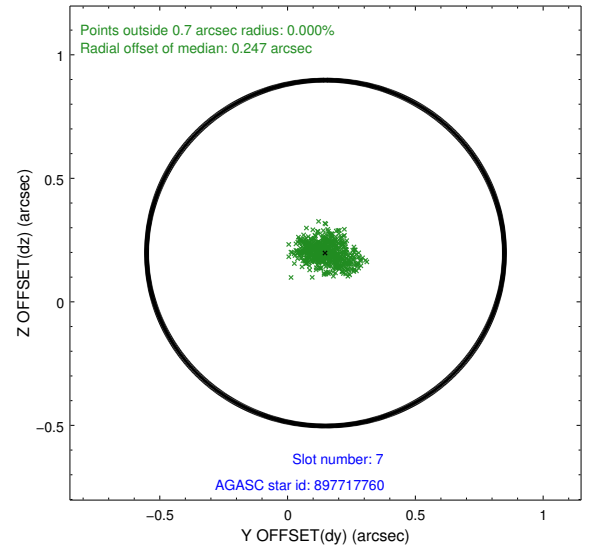
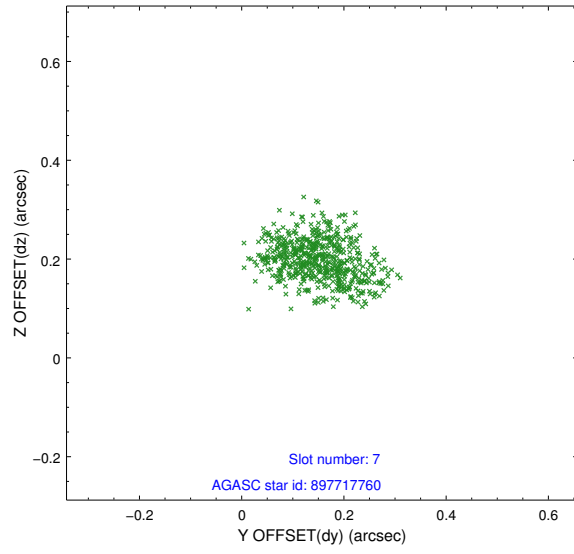
2.4.3 Slot 5



2.4.4 Slot 6

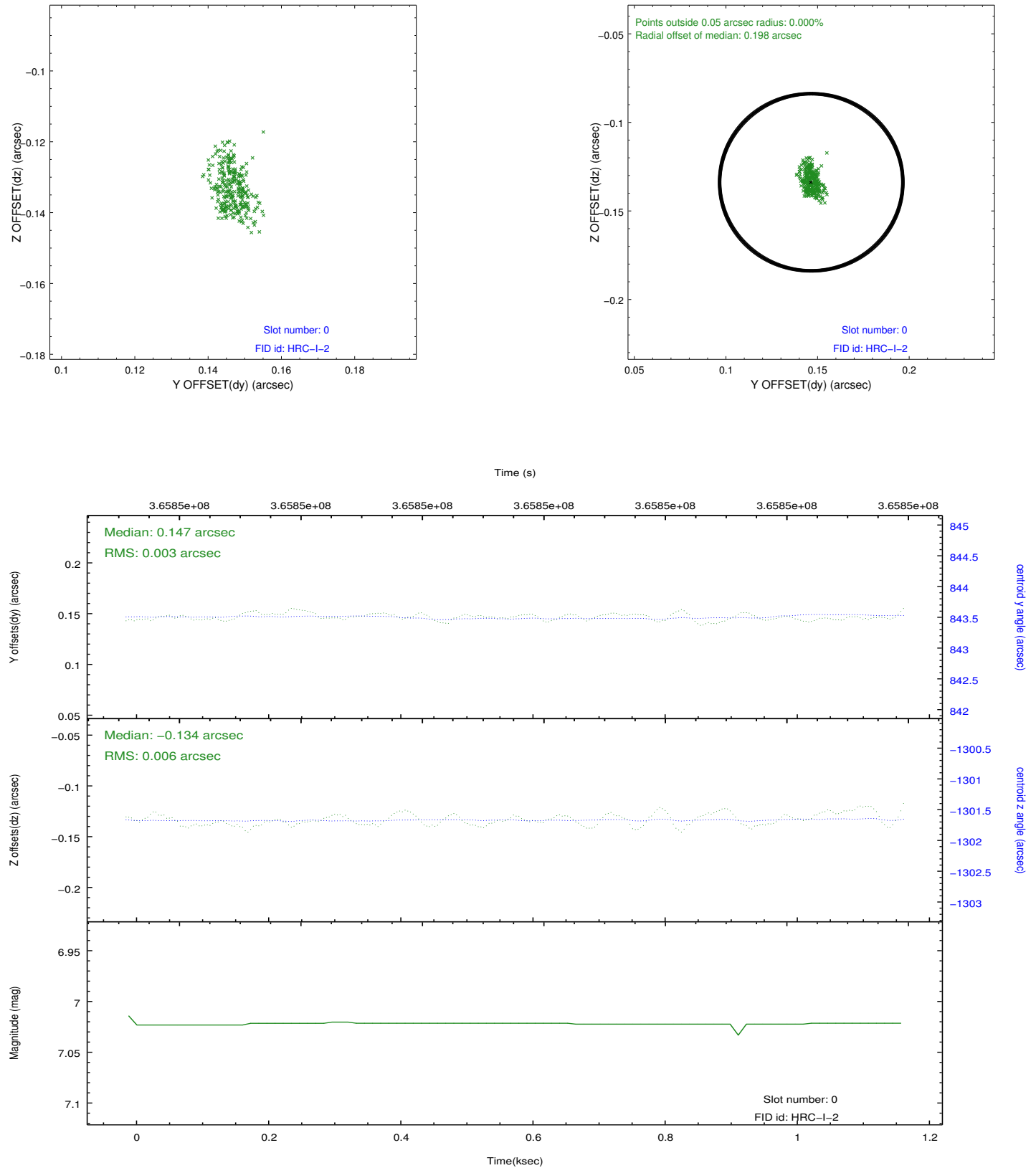


2.4.5 Slot 7

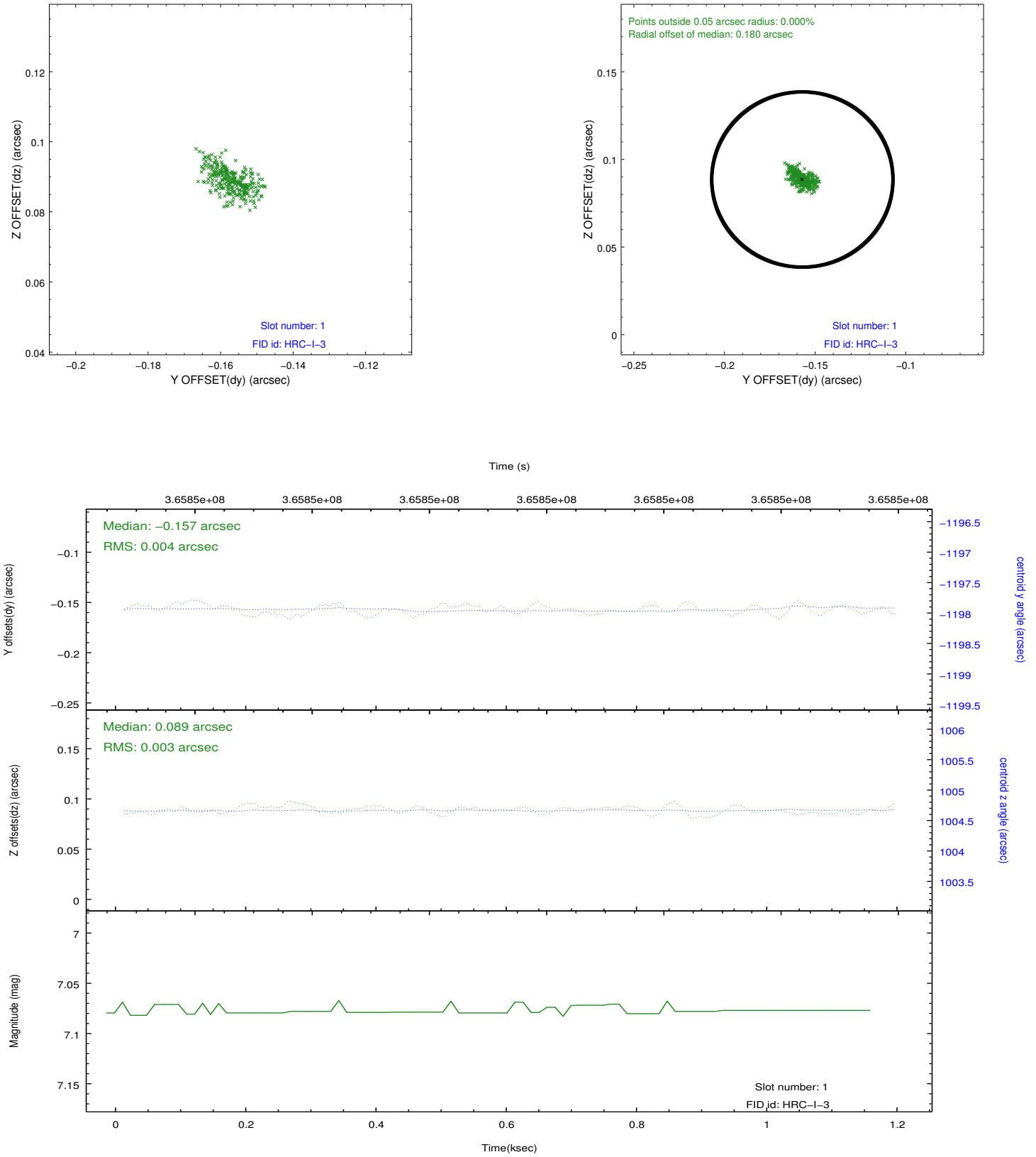


2.5 FID Slots

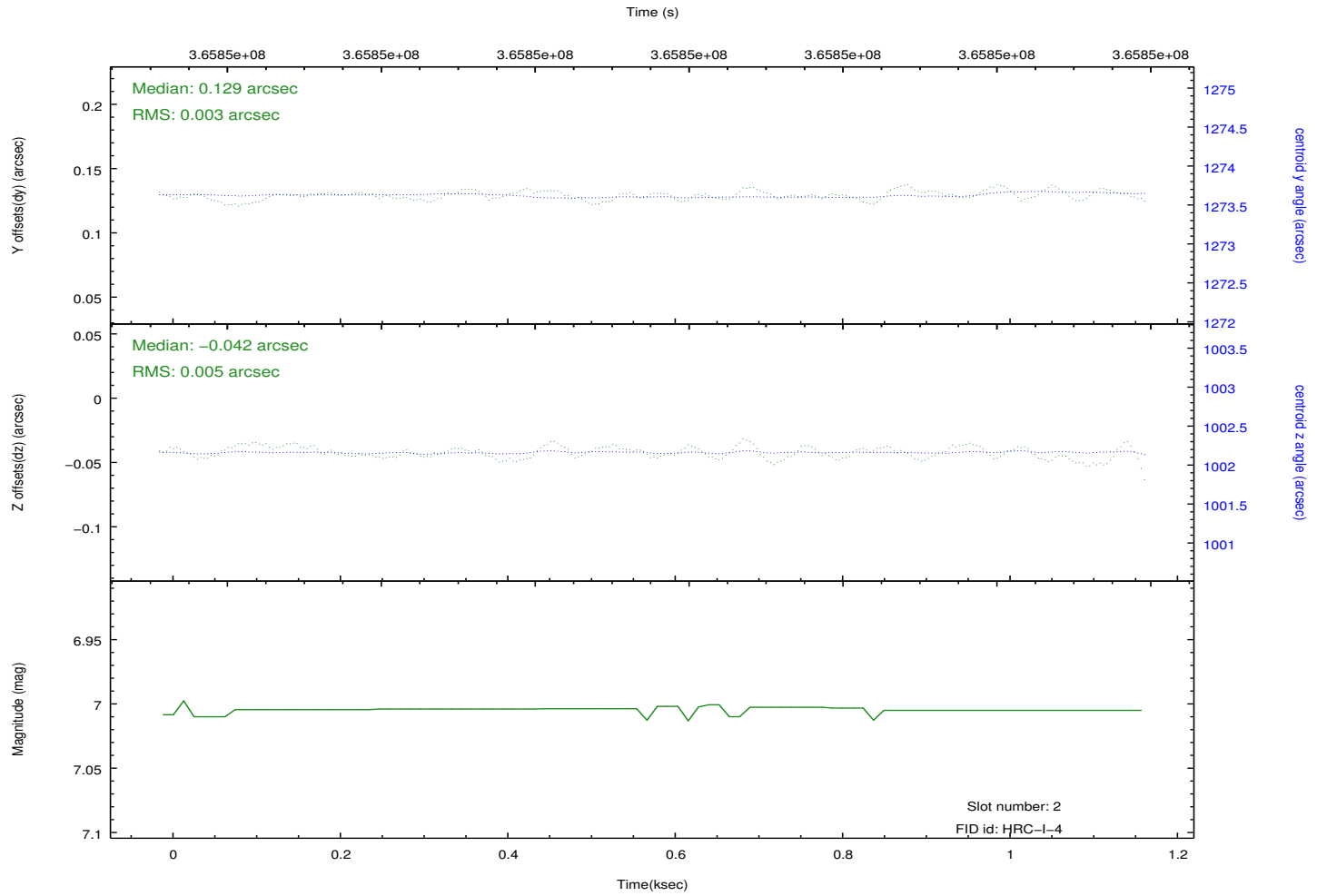
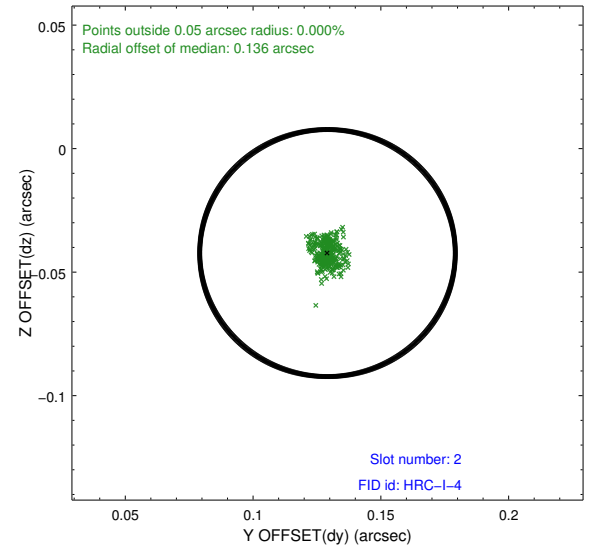
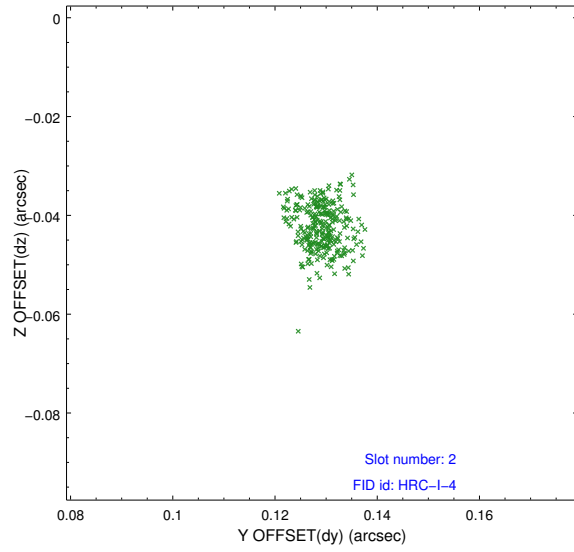
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.17977505

A.2 Comments