

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4454 - L2 Version 4
Chandra X-Ray Center

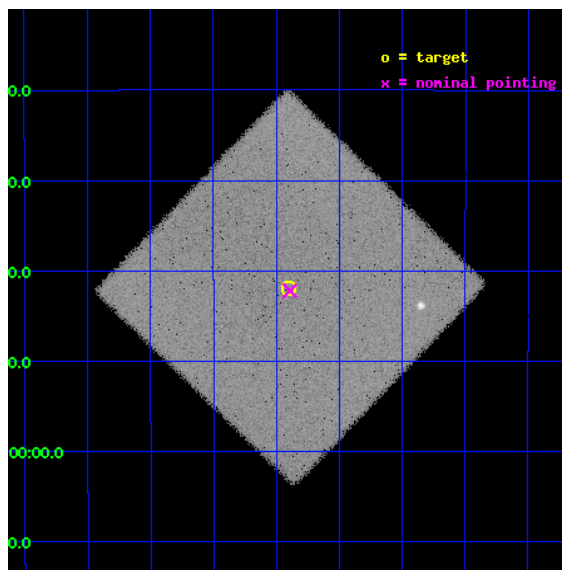
L2 Processing Date : Nov 2 2012

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1 Front

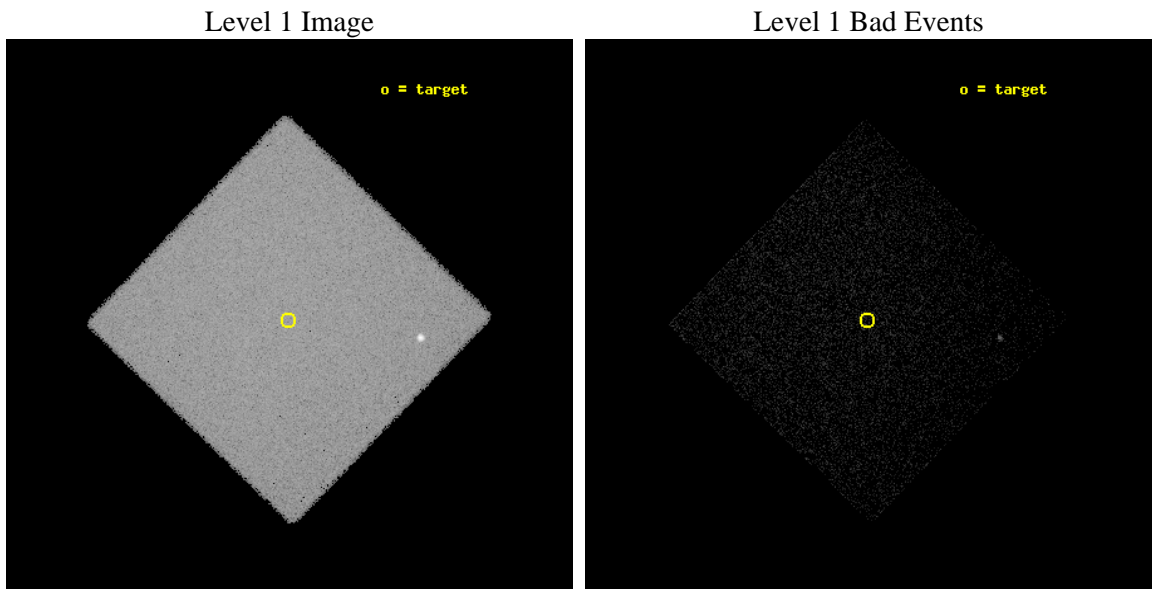
seq_num	500415	Sequence number
obs_id	4454	Observation id
title	Locating the Transient AXP XTE J1810-197	Proposal title
observer	Dr. Eric Gotthelf	Principal investigator
object	XTE J1810-197	Source name
ra_targ	272.725	Observer's specified target RA [deg]
dec_targ	-19.7	Observer's specified target Dec [deg]
ra_nom	272.72323181227	Nominal RA [deg]
dec_nom	-19.703787142624	Nominal Dec [deg]
roll_nom	268.99036449318	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2833.3563712239	[s]
livetime	2301.9093296431	Ontime multiplied by DTCOR
l2events	267324	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	2960.370000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2833.3563712239	[s]
caldbver	4.5.2	 	l1events	414894	Number of level 1 events
date	2012-11-02T15:57:43	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

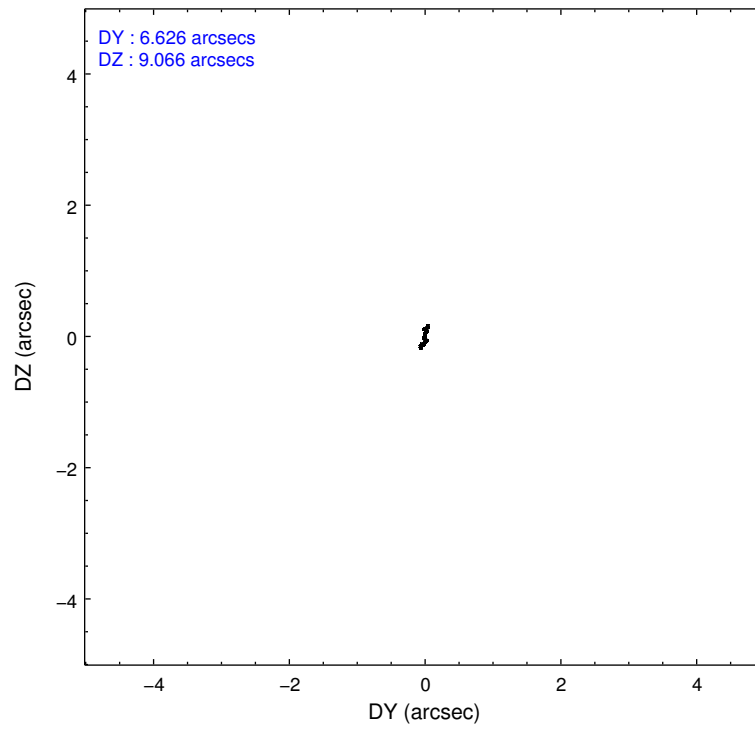
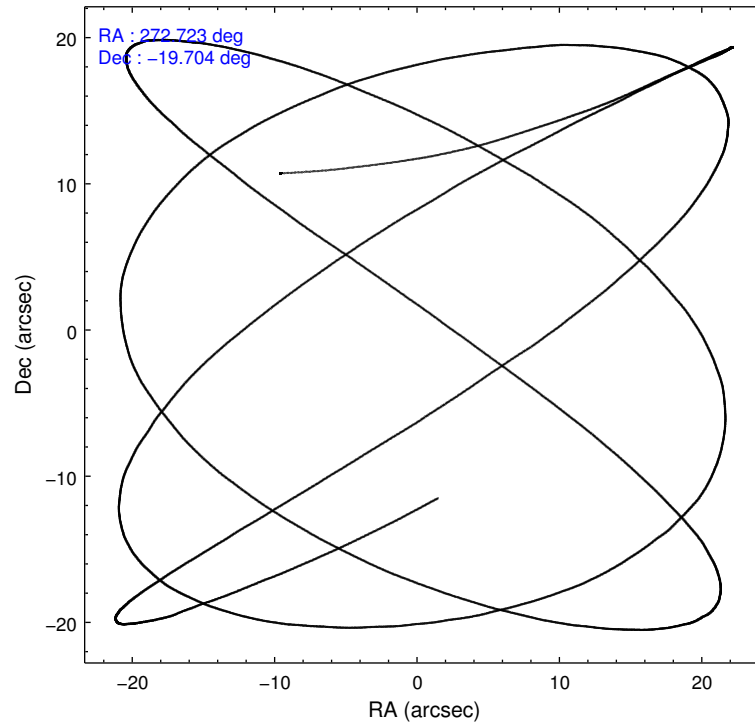
Level 1 Events

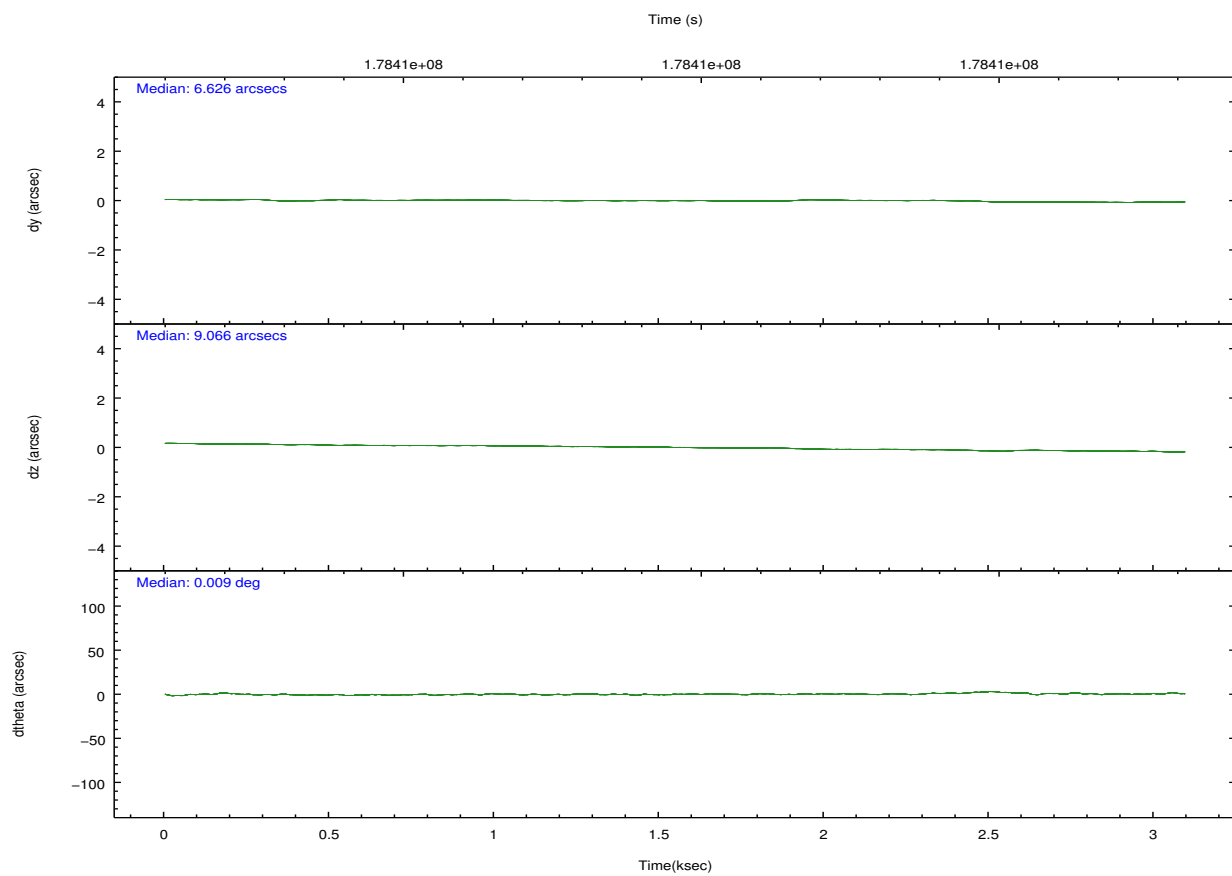
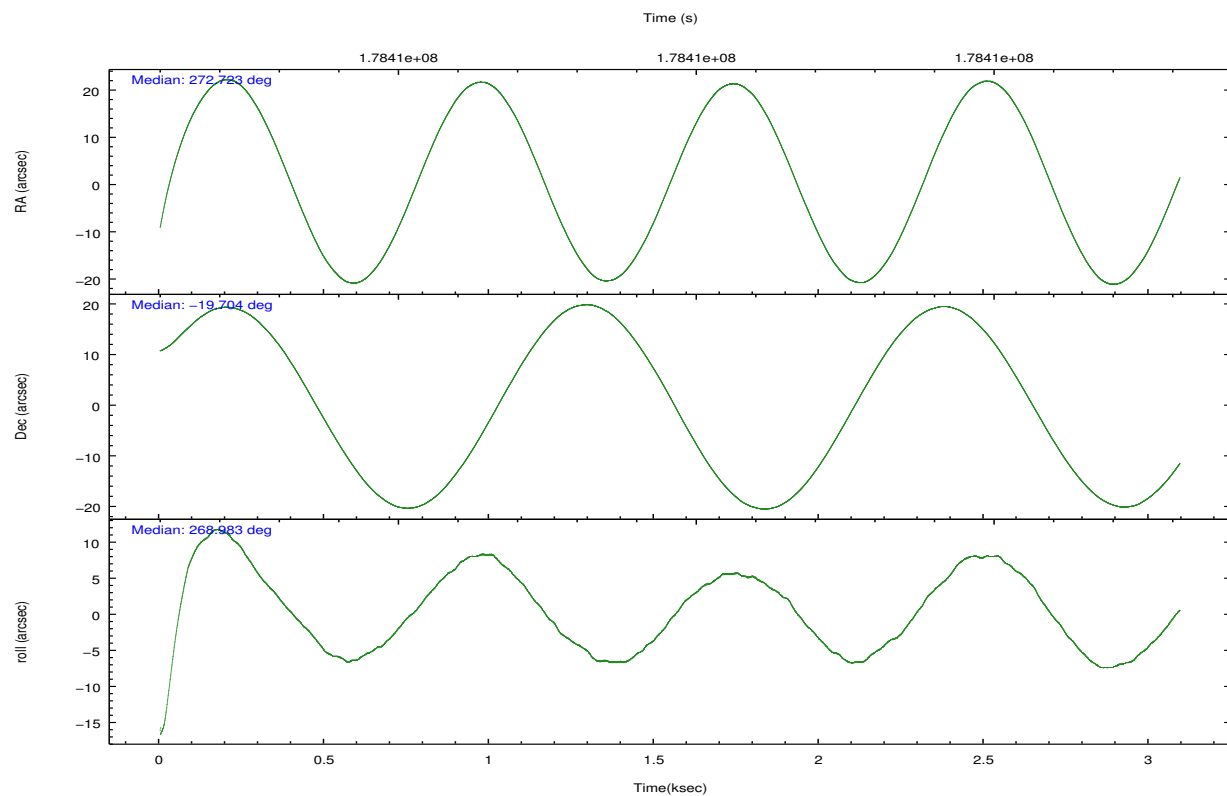
	segment 0
level 1 events	414894
rejected events	49725
rejected %	11%

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	272.708693	272.7232318122678			
[deg] Pointing Dec	-19.680418	-19.70378714262395			
[deg] Pointing Roll	269.081015	268.9903644931757			
[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)	178411496.184000	178410461.17796			
Observation start date	2003-08-27T22:43:52	2003-08-27T22:27:41			
[s] Observation end time (MET)	178414456.184000	178414771.30315			
Observation end date	2003-08-27T23:33:12	2003-08-27T23:39:31			

2.3 Aspect



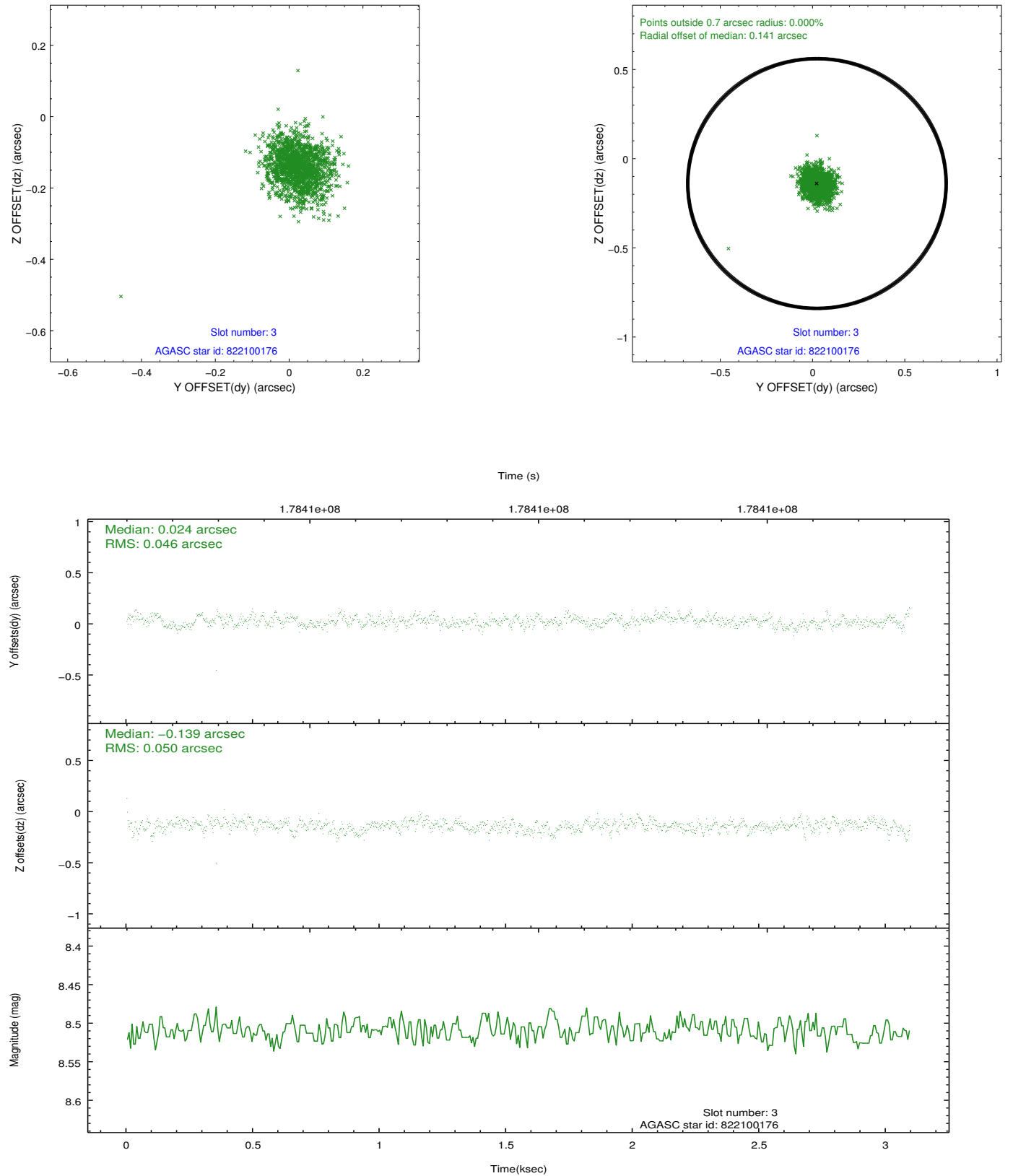


Slot Statistics

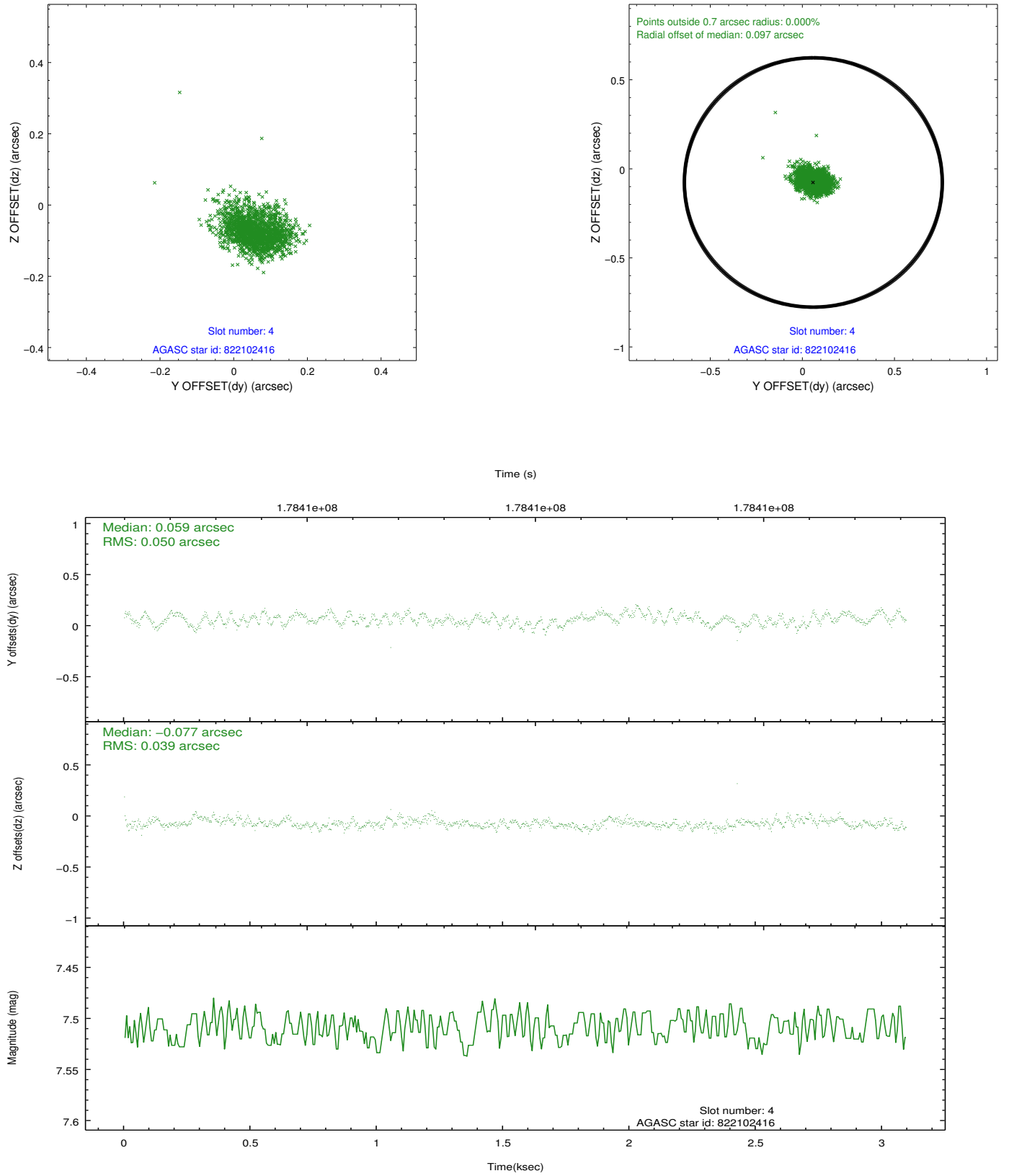
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.02	755	0.049	-0.042	0.008	0.015	0.000000	0.000000	850.48	-1298.58
1	FID	HRC-I-3	7.06	755	-0.022	-0.018	0.008	0.016	0.000000	0.000000	-1189.57	1005.87
2	FID	HRC-I-4	7.02	755	0.091	-0.027	0.007	0.013	0.000000	0.000000	1279.12	1006.50
3	GUIDE	822100176	8.51	1506	0.024	-0.139	0.070	0.114	272.112888	-19.868886	715.02	-2005.90
4	GUIDE	822102416	7.51	1510	0.059	-0.077	0.066	0.107	272.173216	-20.087156	1497.17	-1787.81
5	GUIDE	822085152	9.01	1510	-0.141	0.037	0.087	0.139	272.974056	-19.057083	-2256.35	865.64
6	GUIDE	822103320	9.07	1510	0.039	0.104	0.103	0.162	273.198291	-20.140480	1630.67	1682.24
7	GUIDE	822092816	9.51	1507	0.015	0.069	0.097	0.158	273.207975	-19.445846	-867.76	1682.40

2.4 Star Slots

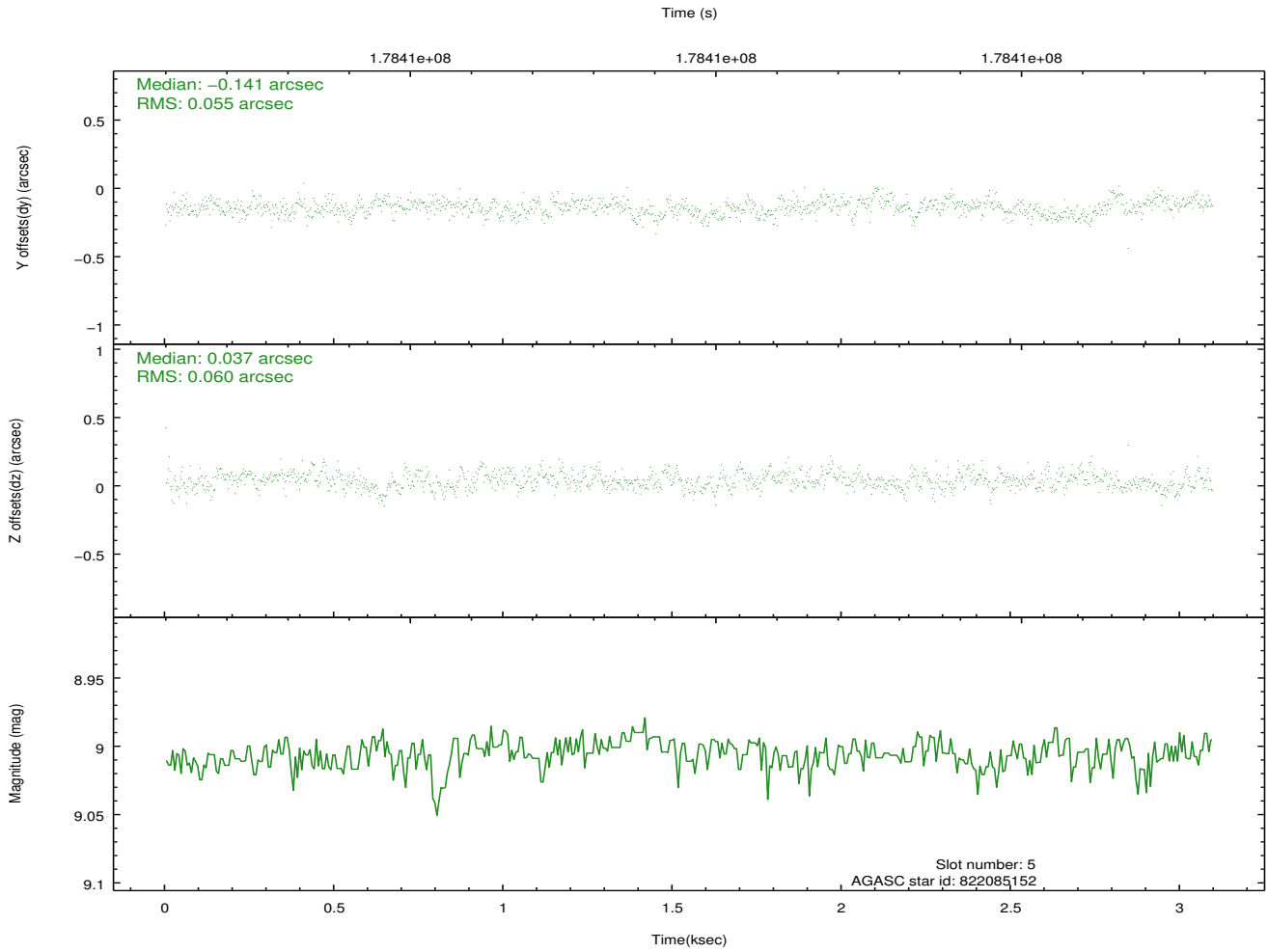
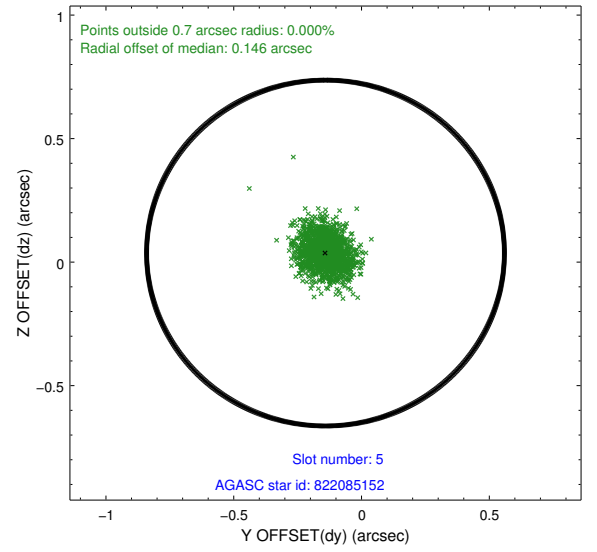
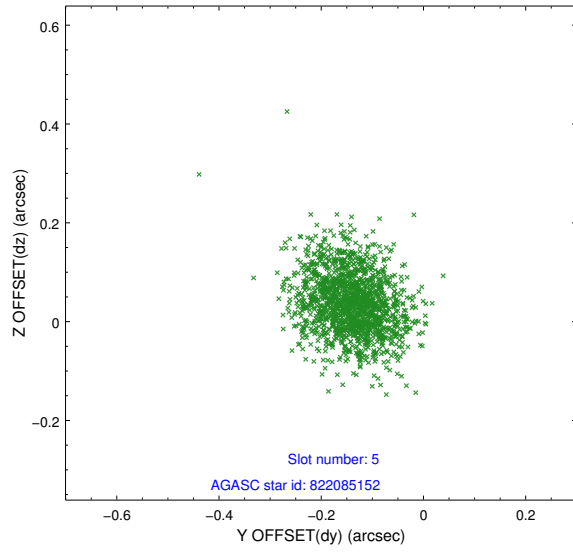
2.4.1 Slot 3



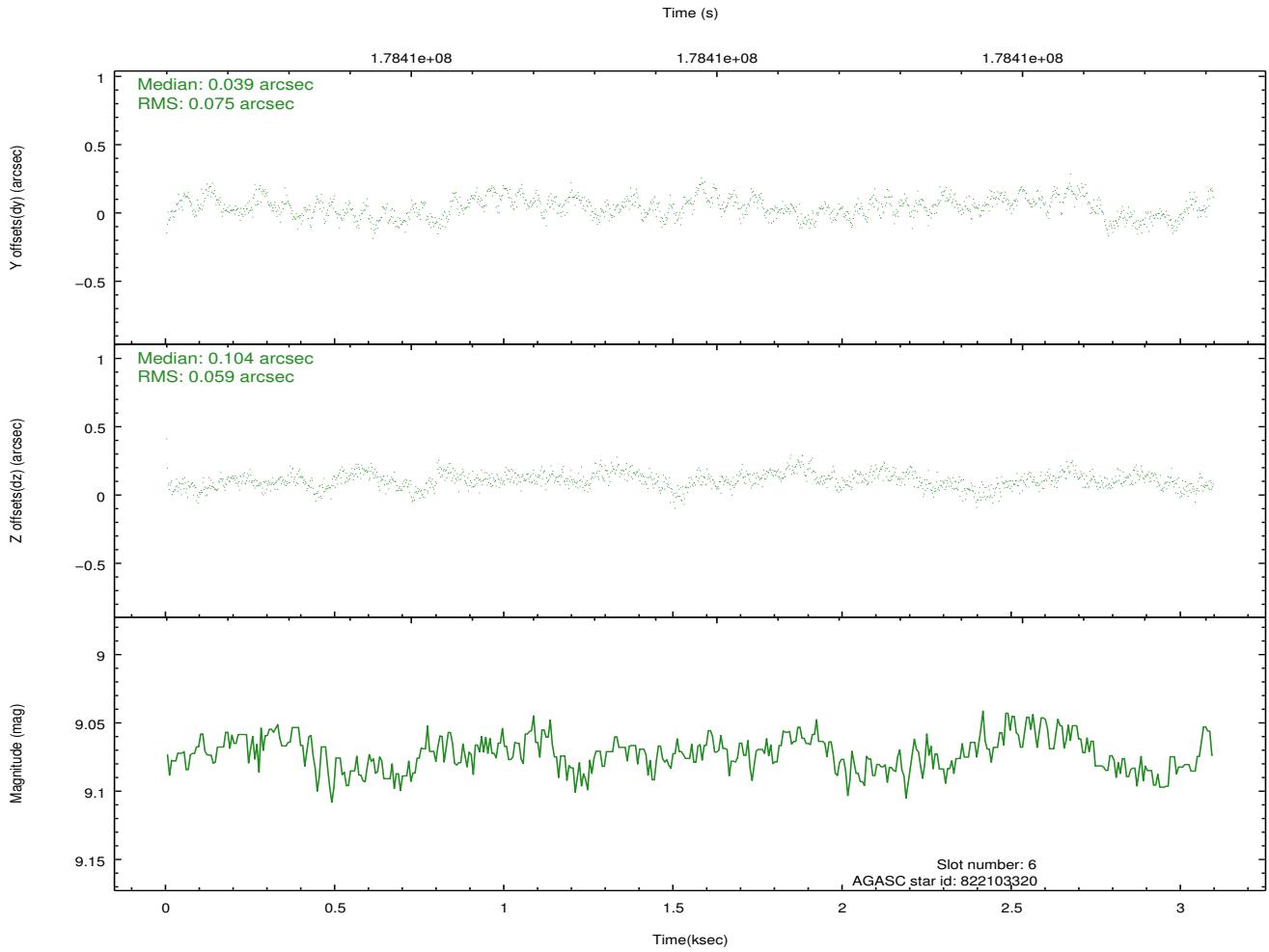
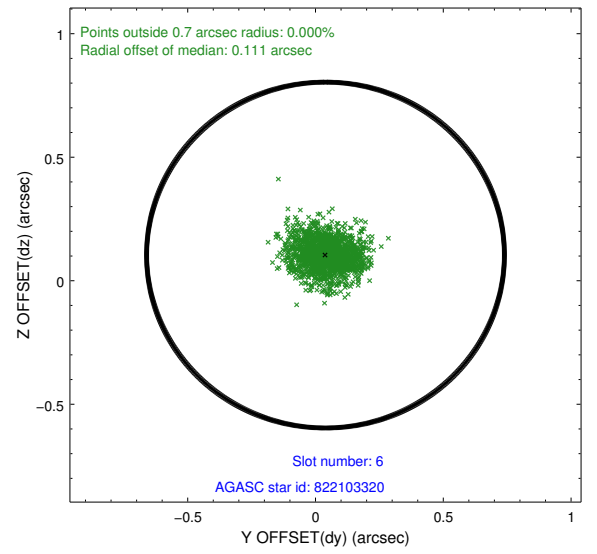
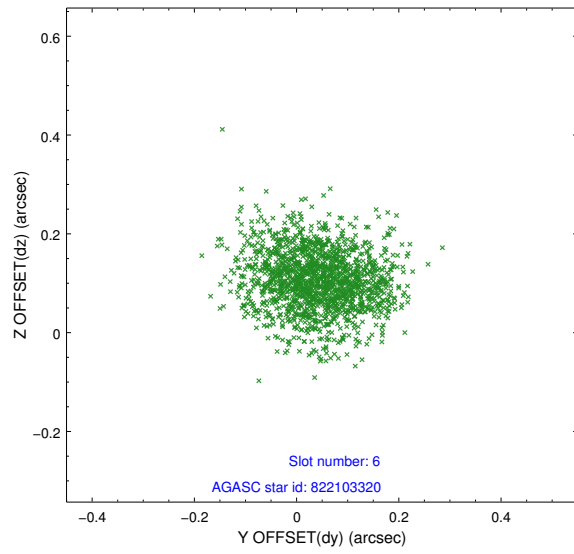
2.4.2 Slot 4



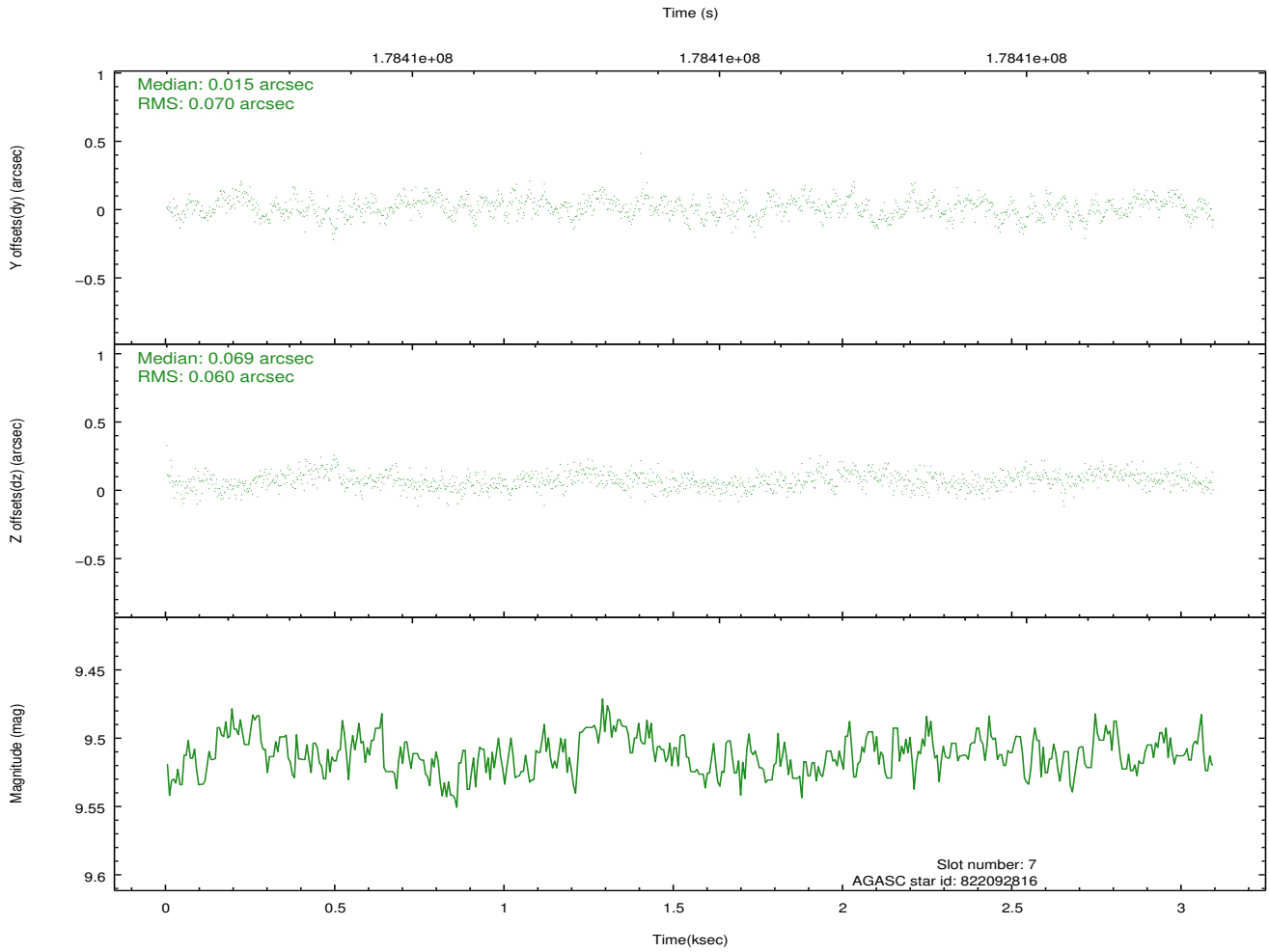
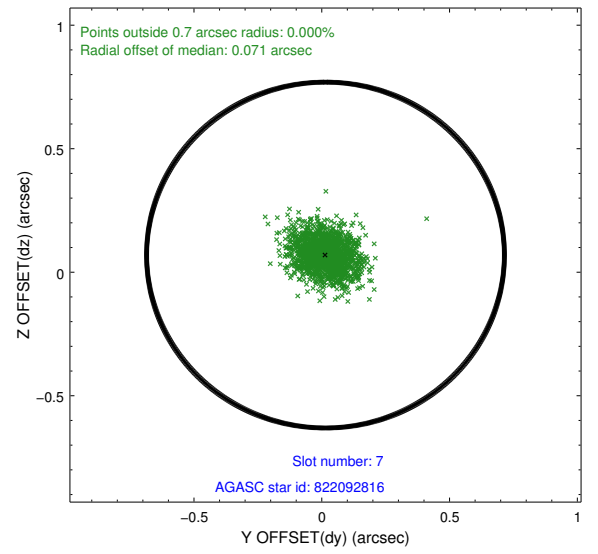
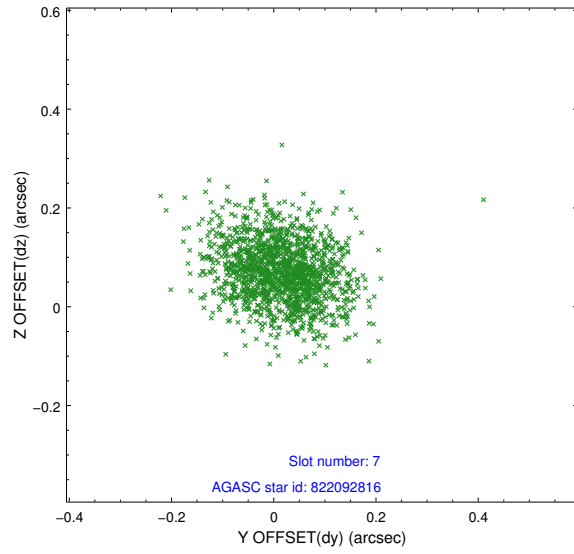
2.4.3 Slot 5



2.4.4 Slot 6

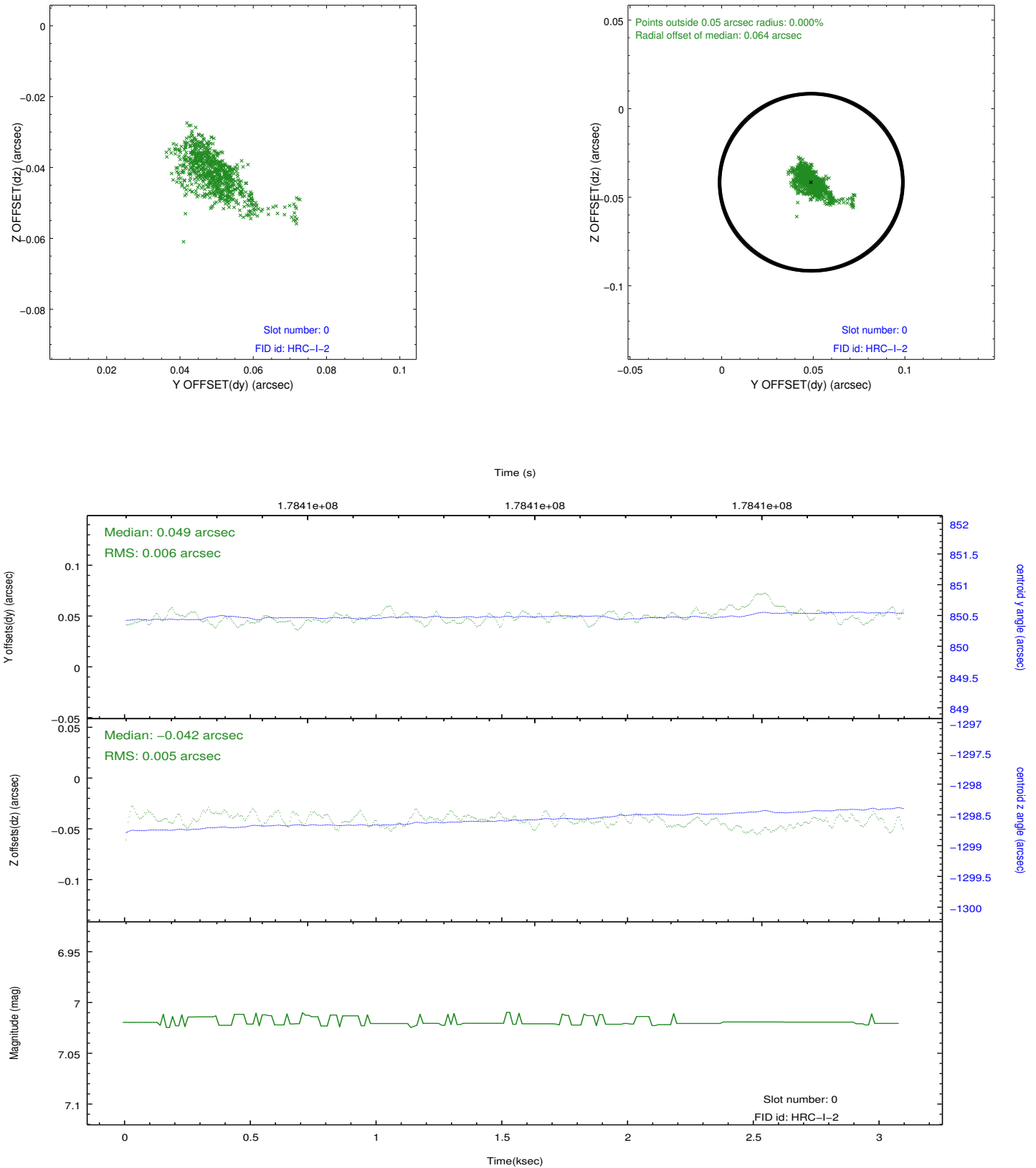


2.4.5 Slot 7

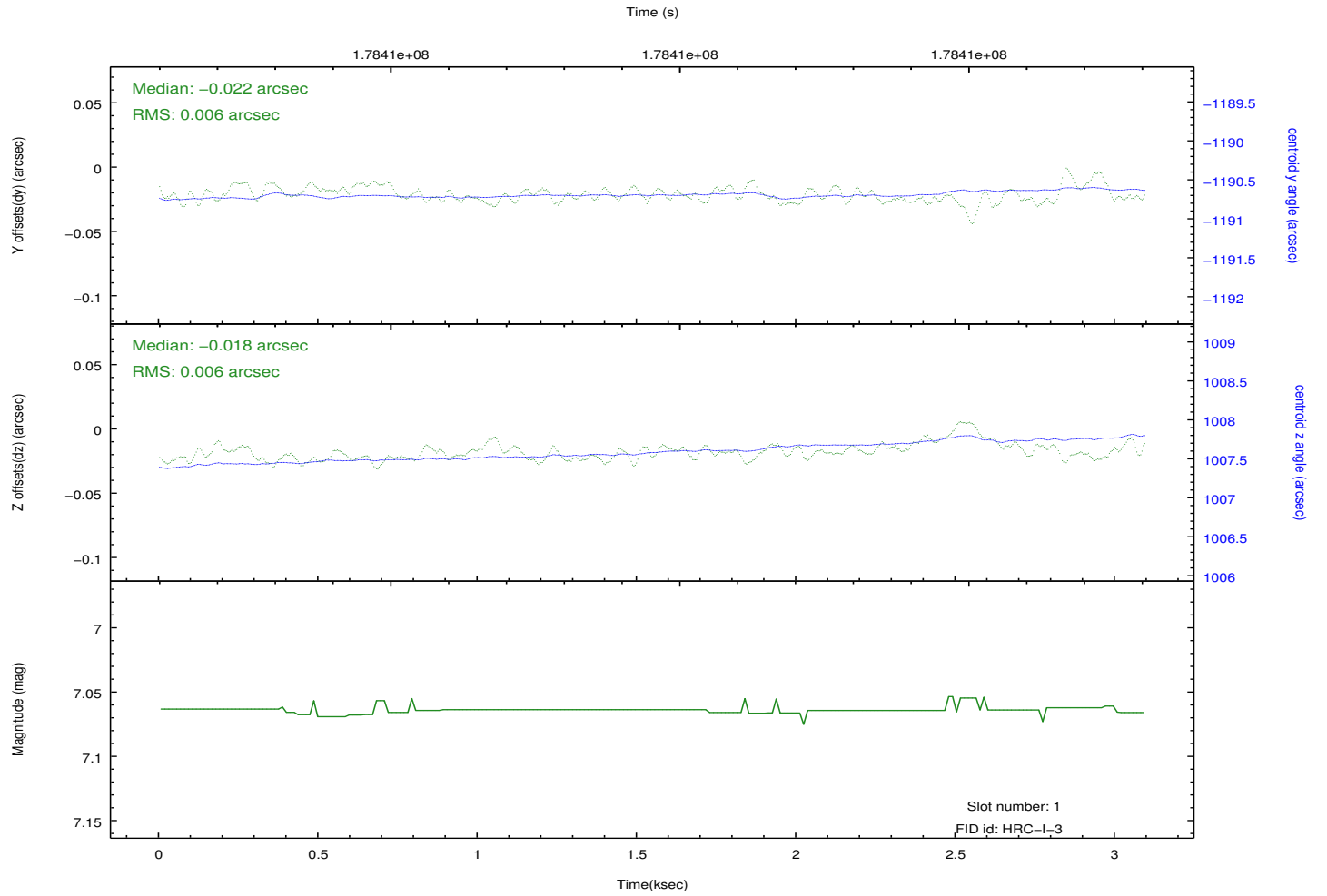
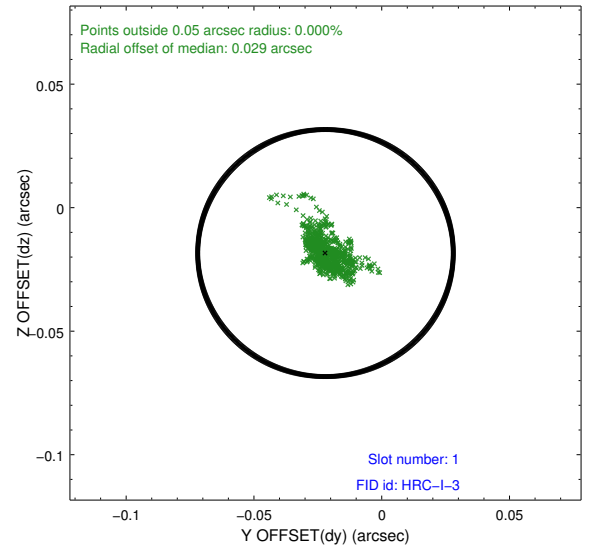
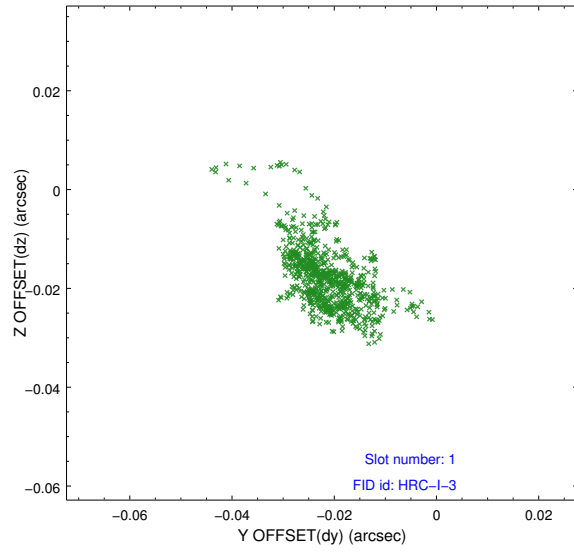


2.5 FID Slots

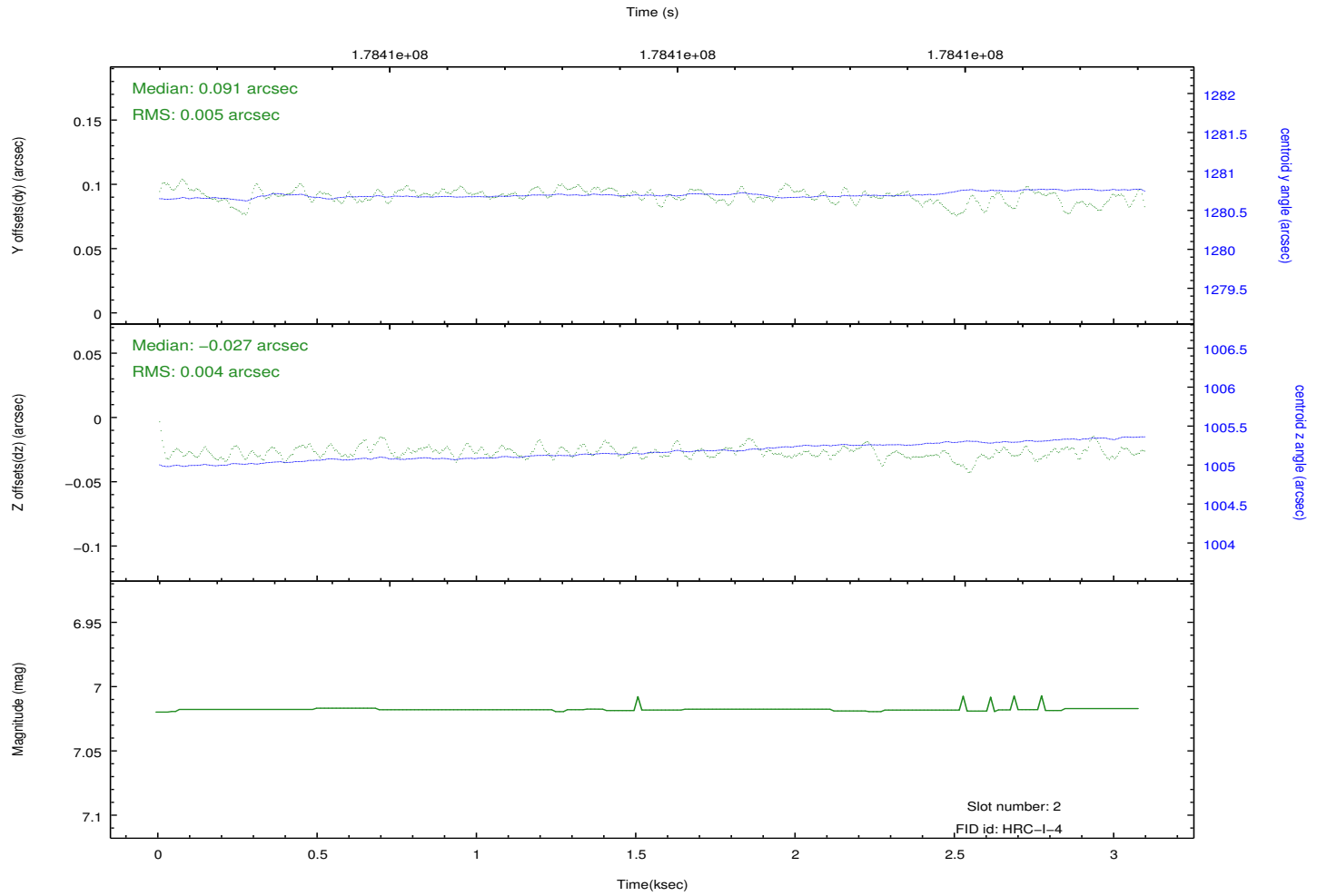
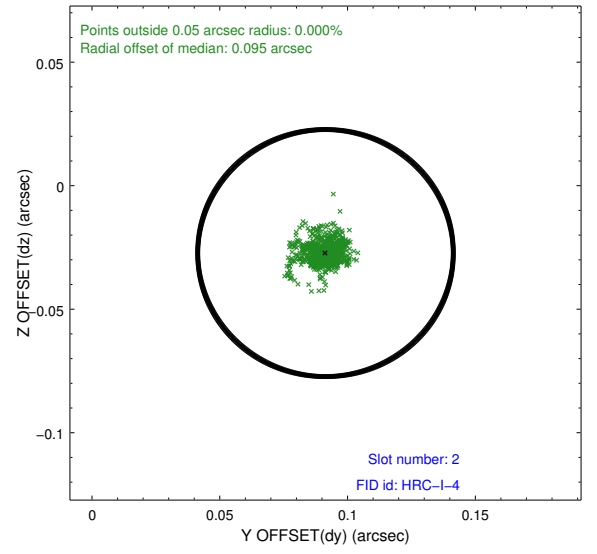
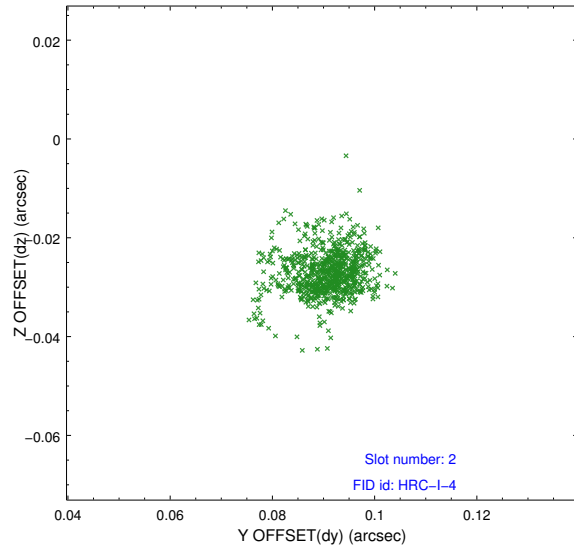
2.5.1 Slot 0



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)	2012.11.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.833

A.2 Comments