

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 5240 - L2 Version 4
Chandra X-Ray Center

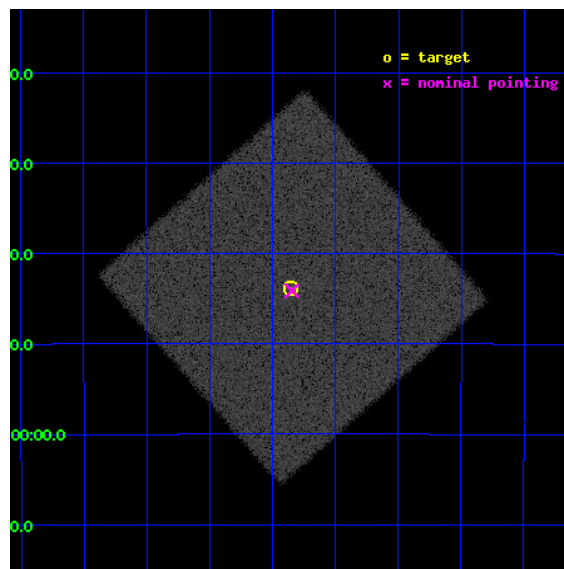
L2 Processing Date : Nov 7 2012

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1 Front

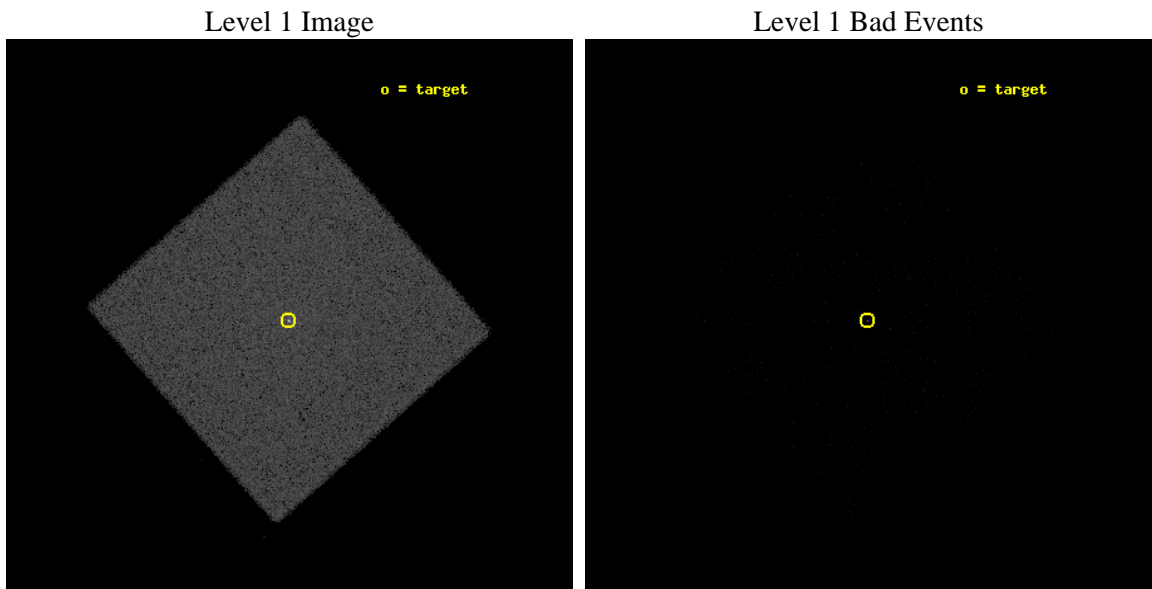
seq_num	500498	Sequence number
obs_id	5240	Observation id
title	Unveiling the multiwavelength spectrum of the AXP XTEJ1810-197	Pro
observer	Dr. Gianluca Israel	Principal investigator
object	XTE J1810-197	Source name
ra_targ	272.462917	Observer's specified target RA [deg]
dec_targ	-19.731028	Observer's specified target Dec [deg]
ra_nom	272.46150208604	Nominal RA [deg]
dec_nom	-19.735453351496	Nominal Dec [deg]
roll_nom	273.65549864326	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2884.6063746512	[s]
livetime	2865.1345190651	Ontime multiplied by DTCOR
l2events	147766	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	4	Obi number	sched_exp_time	2900.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2884.6063746512	[s]
caldbver	4.5.2	 	l1events	210988	Number of level 1 events
date	2012-11-07T11:52:16	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

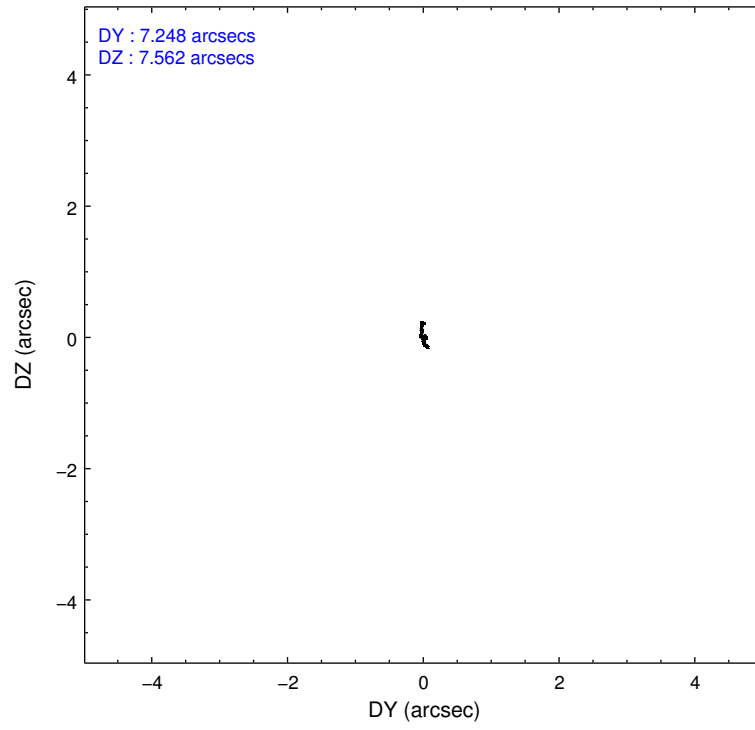
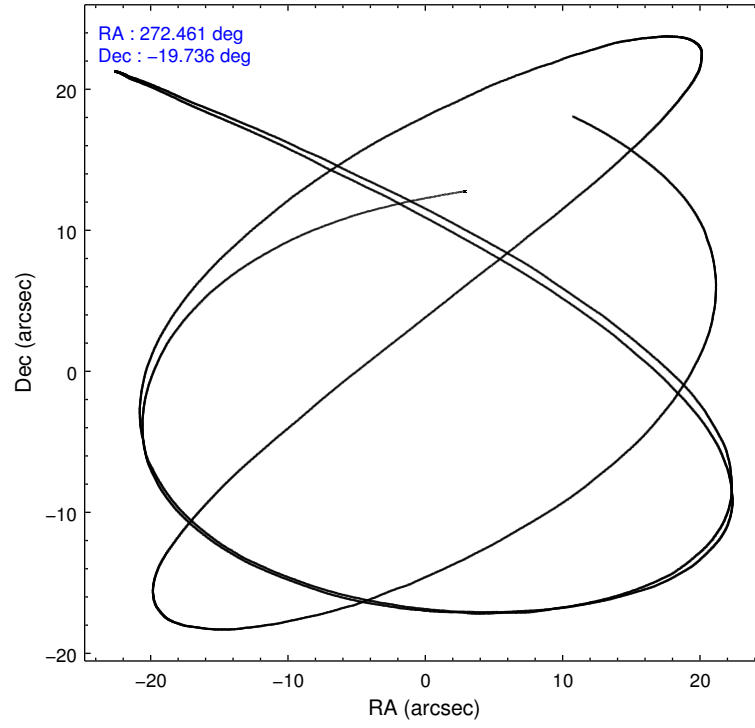
Level 1 Events

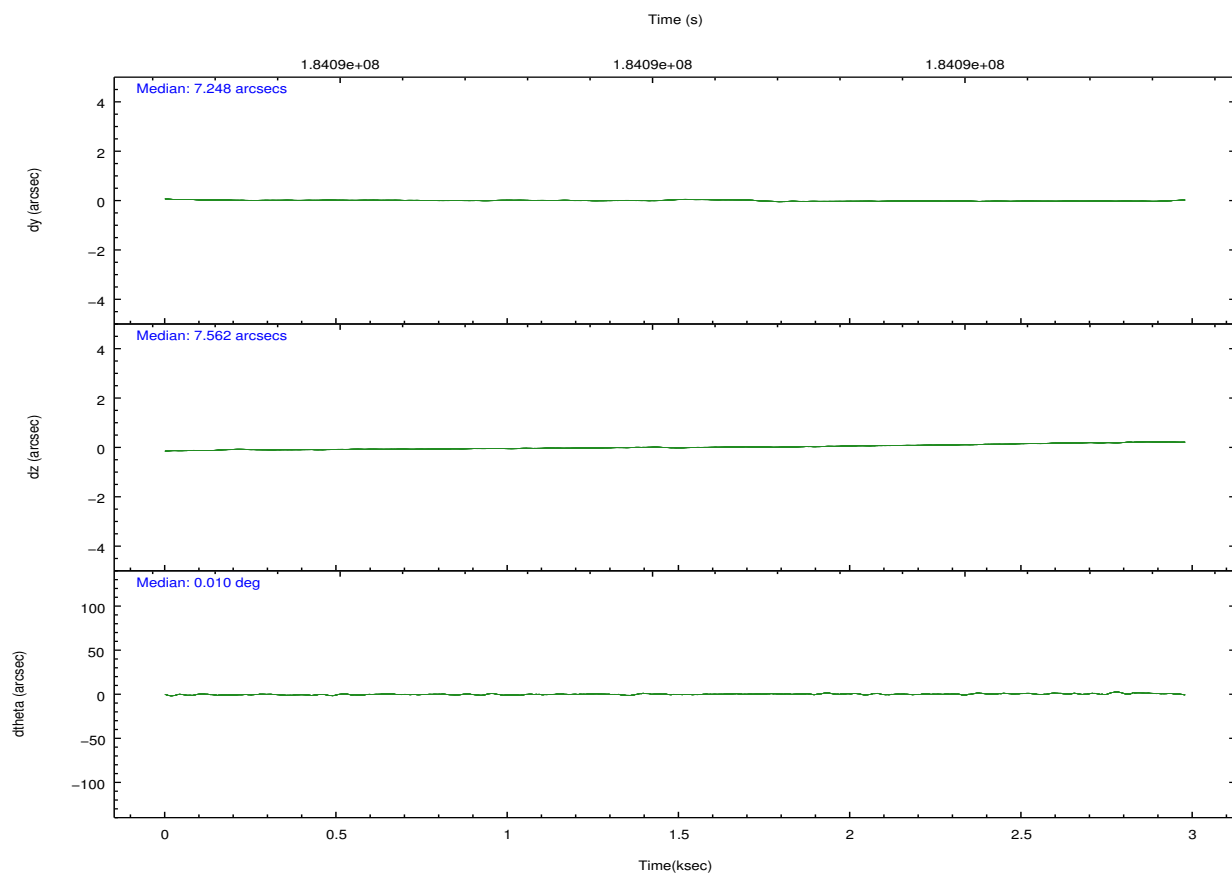
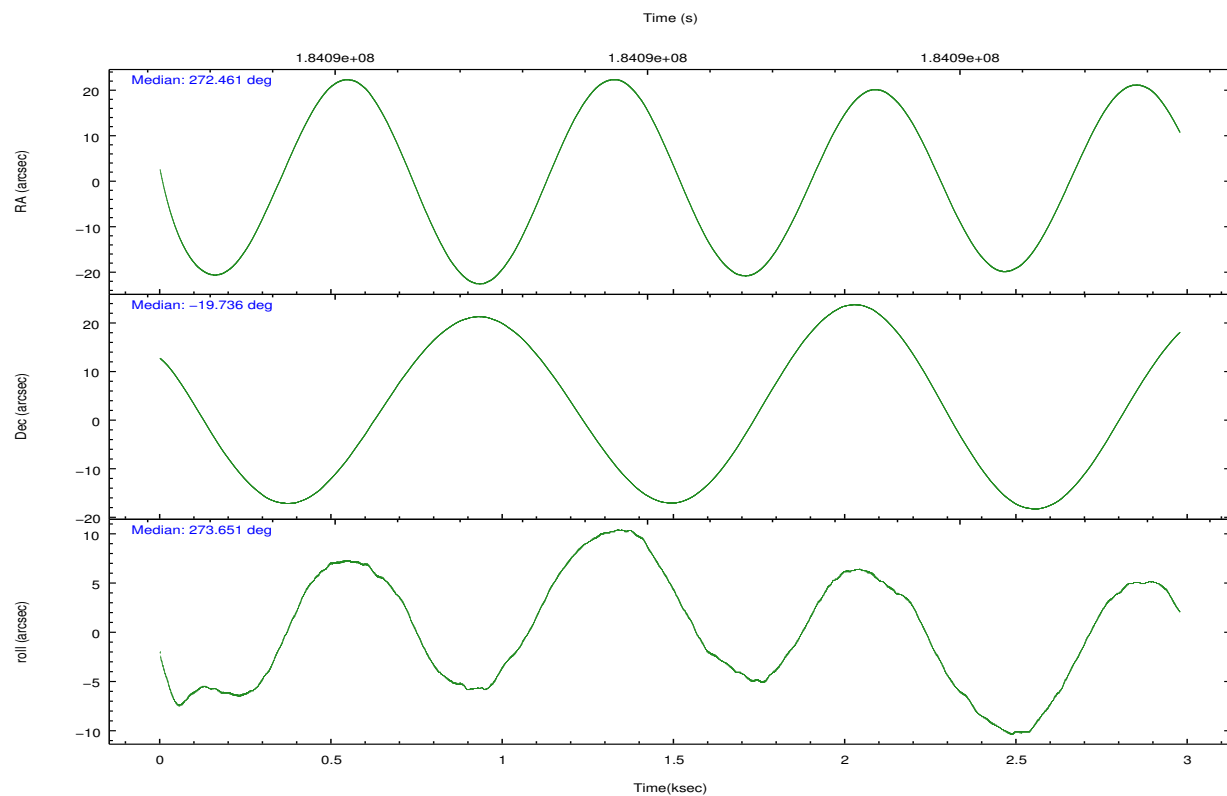
	segment 0
level 1 events	210988
rejected events	8960
rejected %	4%

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	272.444968	272.4615020860399			
[deg] Pointing Dec	-19.712758	-19.73545335149605			
[deg] Pointing Roll	273.745426	273.655498643257			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9854943052878			
[mm] SIM translation stage offset	0	-5.413686238853188e-06			
[s] Observation start time (MET)	184087662.184000	184086629.03418			
Observation start date	2003-11-01T15:26:38	2003-11-01T15:10:29			
[s] Observation end time (MET)	184090562.184000	184092012.84691			
Observation end date	2003-11-01T16:14:58	2003-11-01T16:40:12			

2.3 Aspect



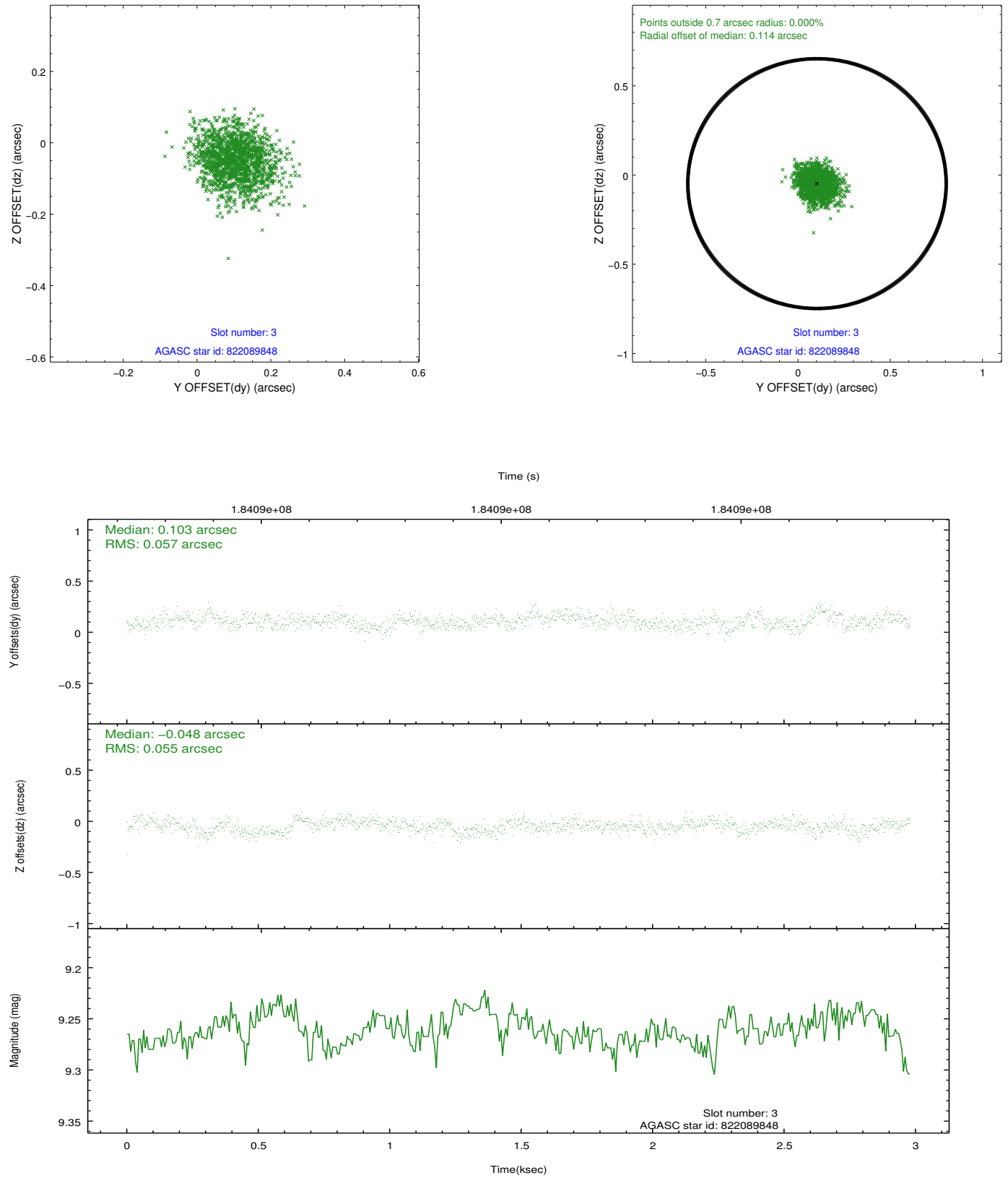


Slot Statistics

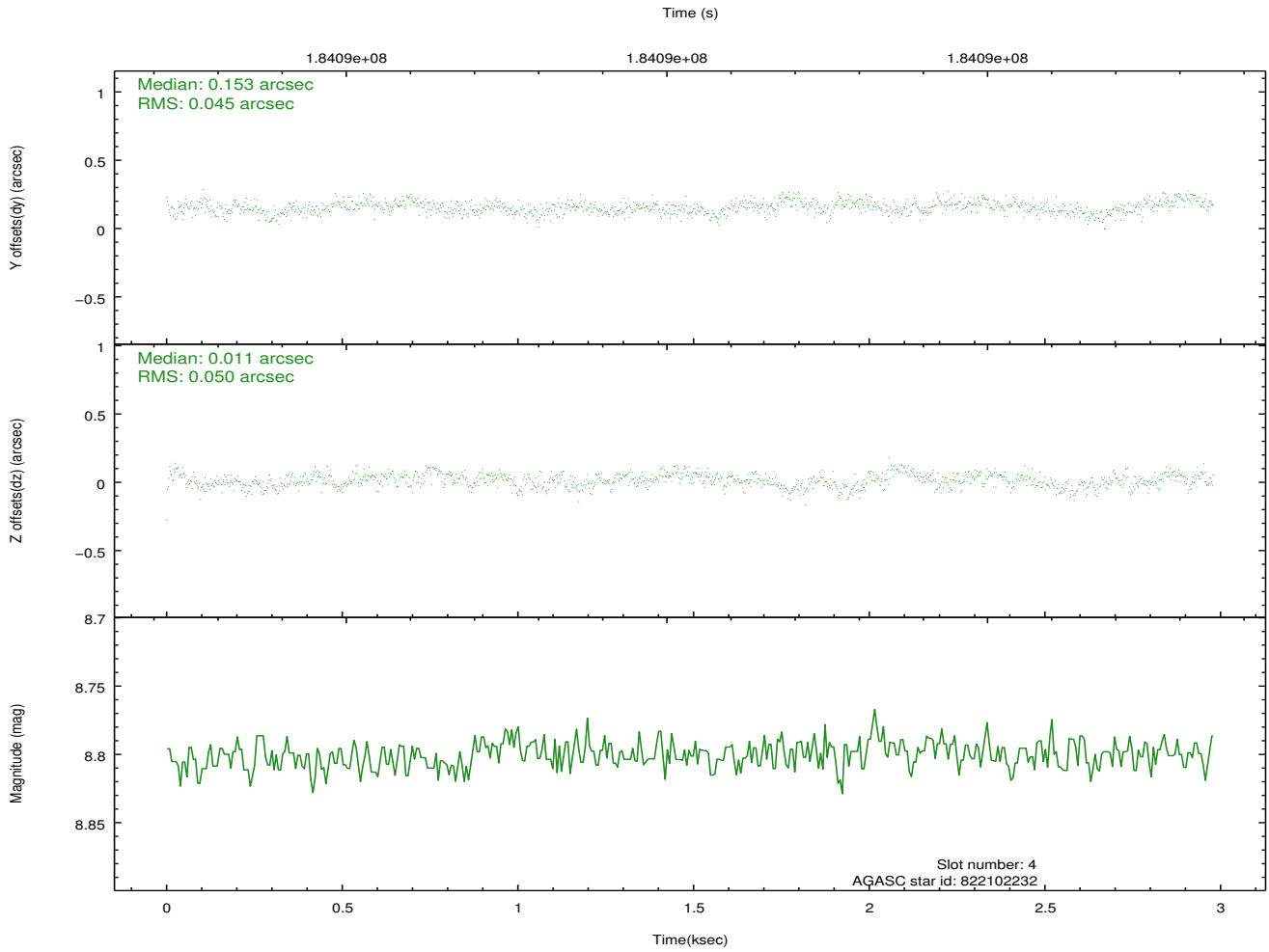
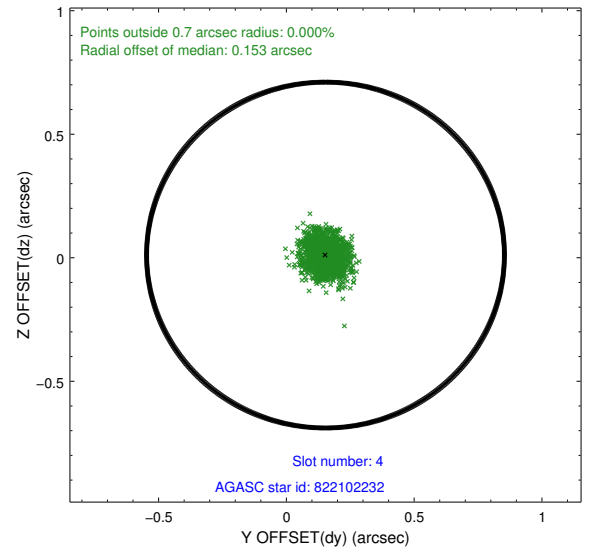
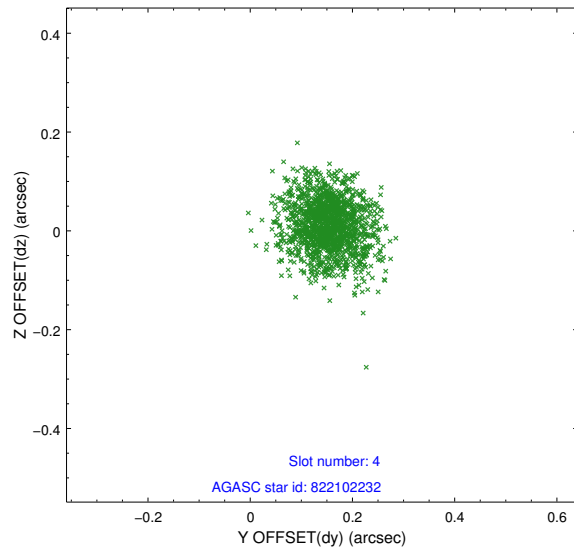
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	727	0.016	0.021	0.008	0.014	0.000000	0.000000	-762.85	-1295.46
1	FID	HRC-I-2	7.01	727	0.114	-0.098	0.007	0.013	0.000000	0.000000	848.83	-1298.96
2	FID	HRC-I-3	7.06	727	-0.010	-0.013	0.006	0.012	0.000000	0.000000	-1190.15	1007.29
3	GUIDE	822089848	9.26	1454	0.103	-0.048	0.084	0.137	272.323258	-20.191137	1690.45	-522.59
4	GUIDE	822102232	8.80	1453	0.153	0.011	0.072	0.113	272.350923	-20.034935	1136.55	-393.24
5	GUIDE	822102416	7.50	1454	-0.015	-0.109	0.061	0.098	272.173216	-20.087156	1285.06	-1005.02
6	GUIDE	822102608	9.31	1454	-0.026	-0.017	0.097	0.157	272.659367	-19.166896	-1913.51	855.22
7	GUIDE	822085152	9.02	1452	-0.214	0.162	0.098	0.156	272.974056	-19.057083	-2238.25	1951.41

2.4 Star Slots

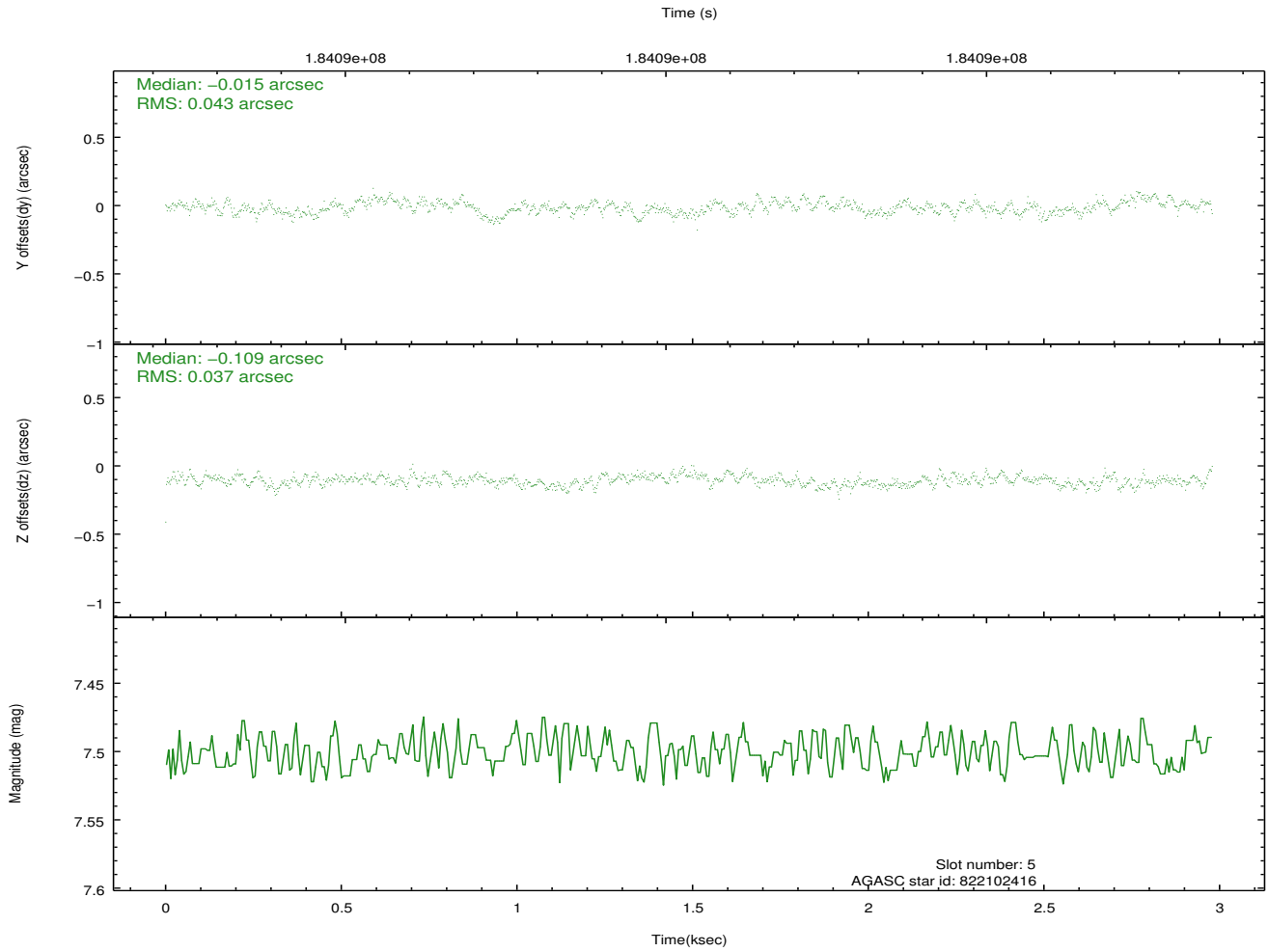
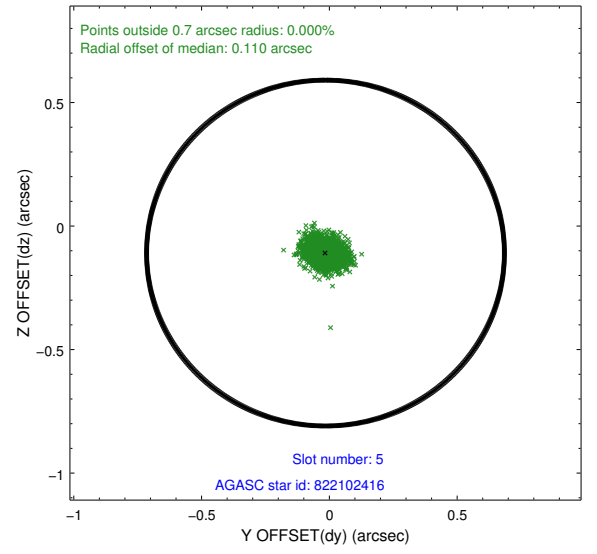
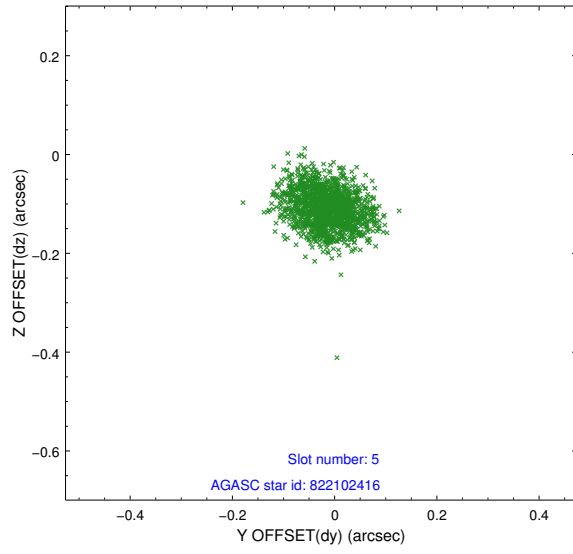
2.4.1 Slot 3



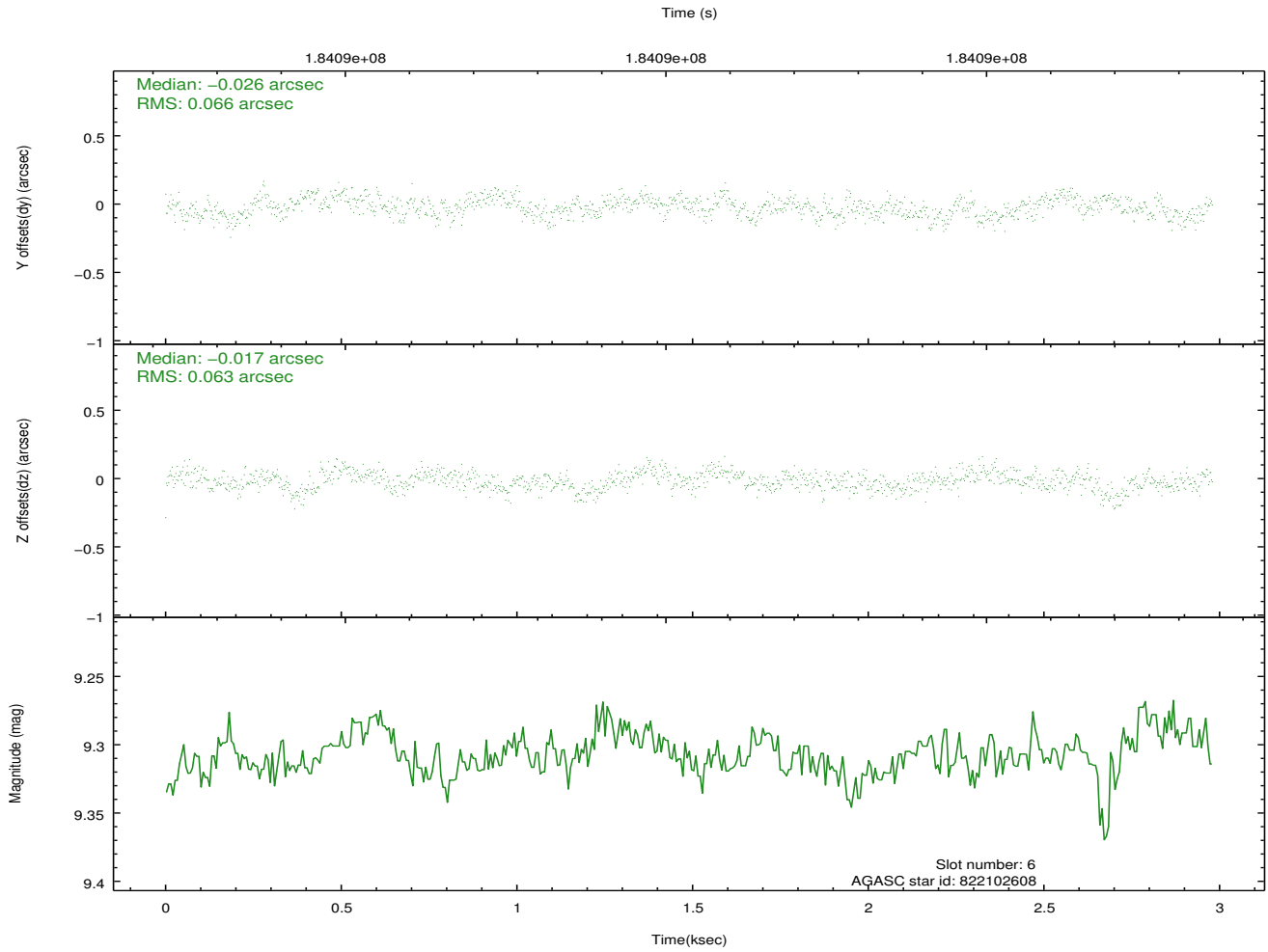
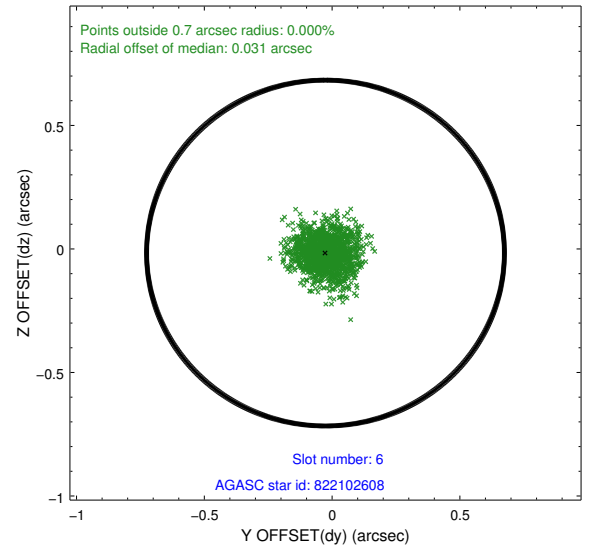
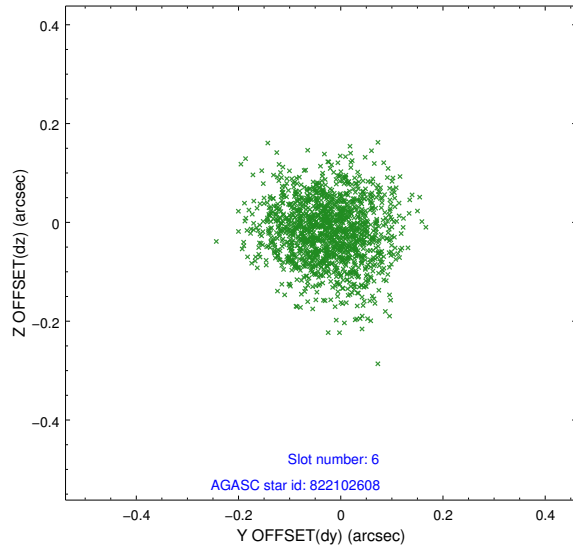
2.4.2 Slot 4



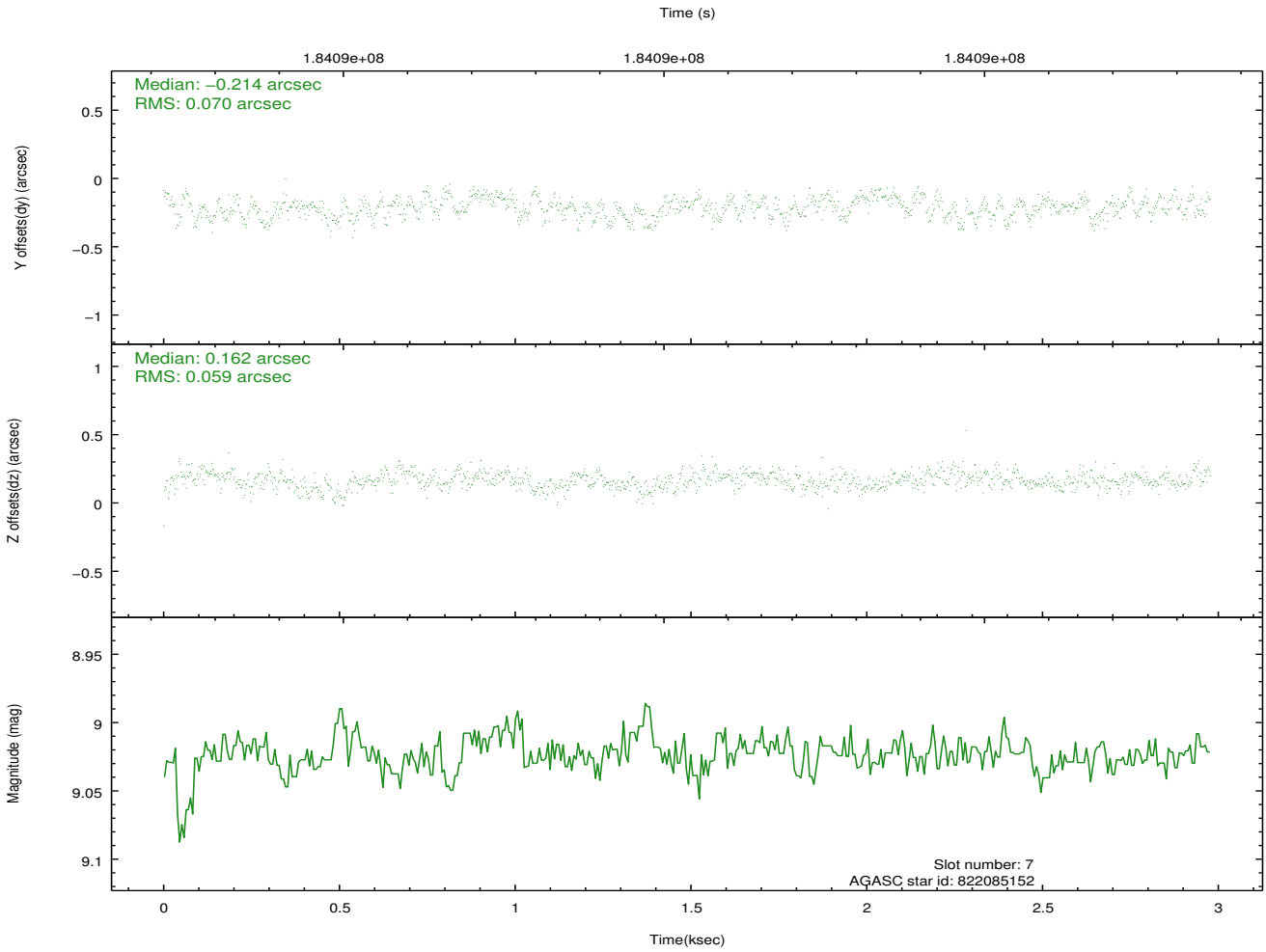
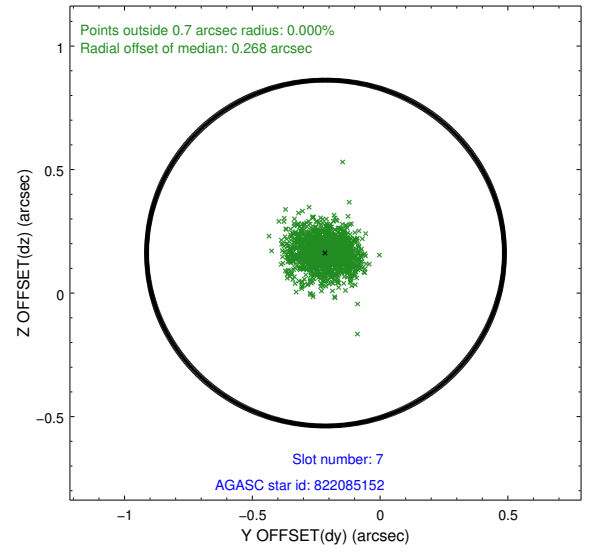
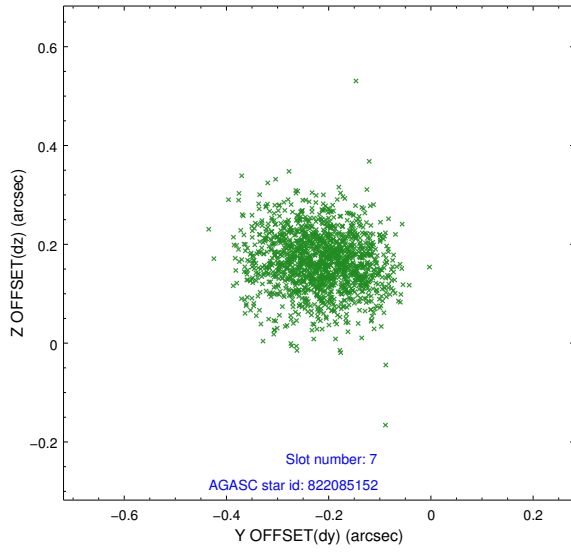
2.4.3 Slot 5



2.4.4 Slot 6

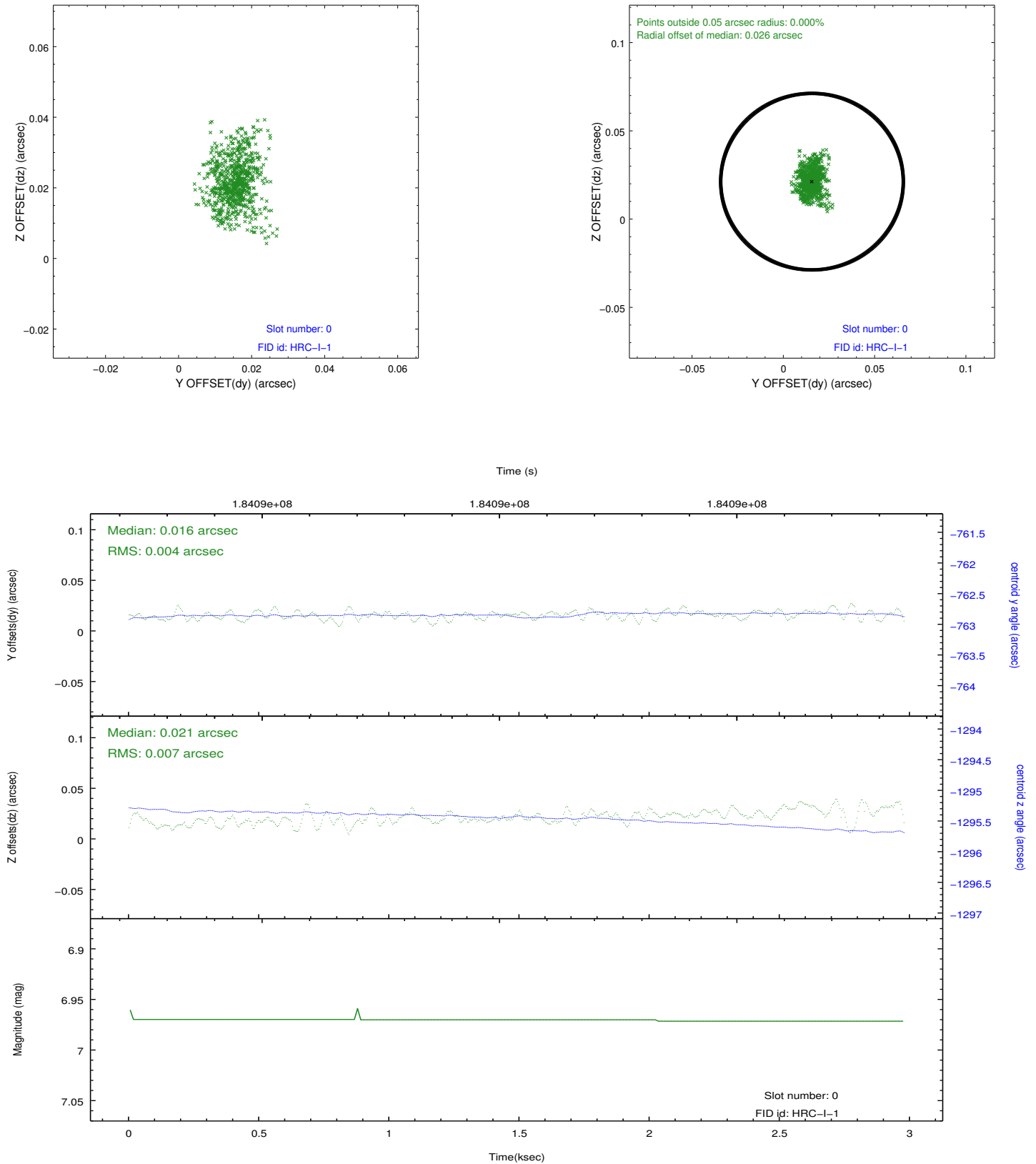


2.4.5 Slot 7

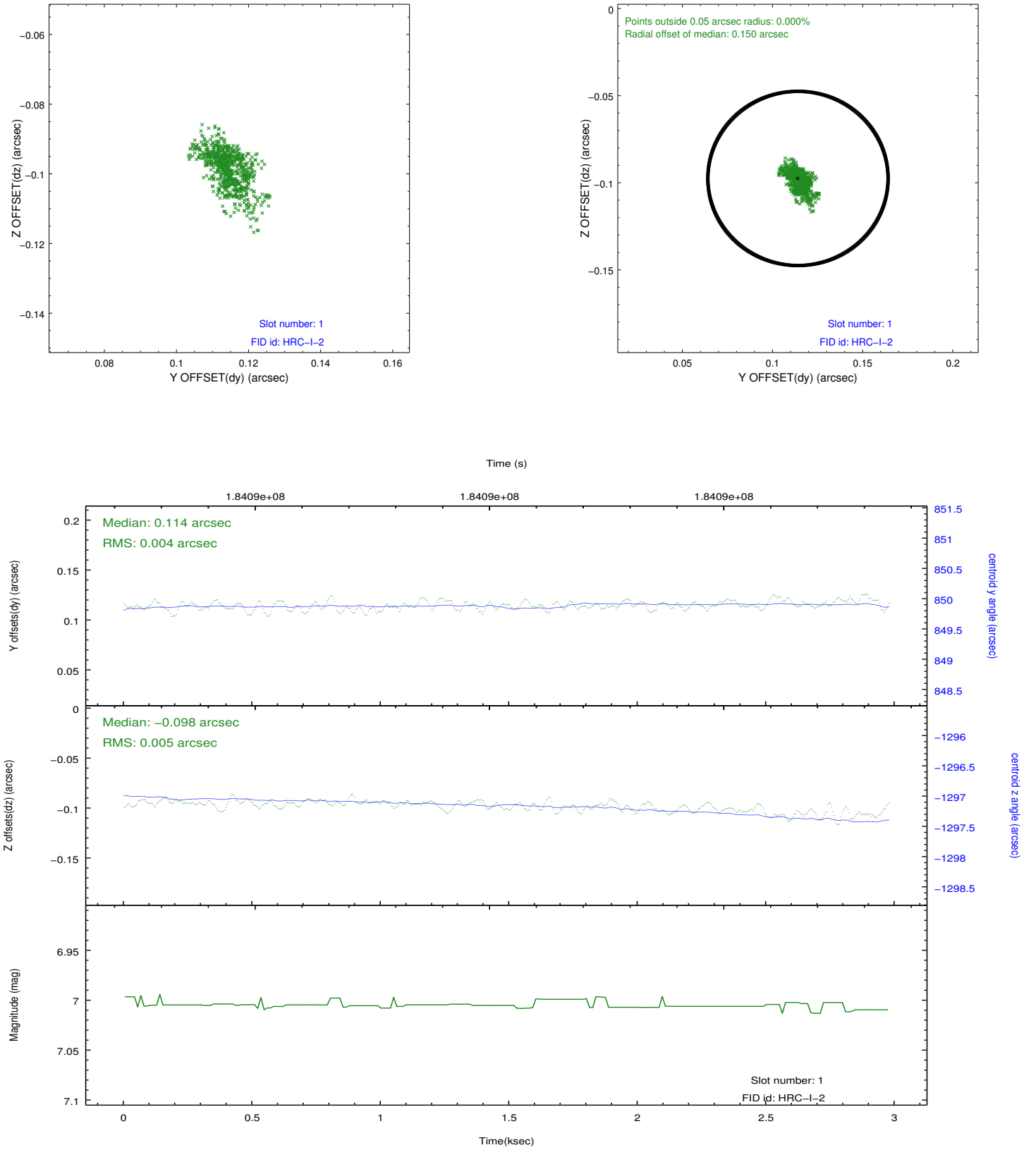


2.5 FID Slots

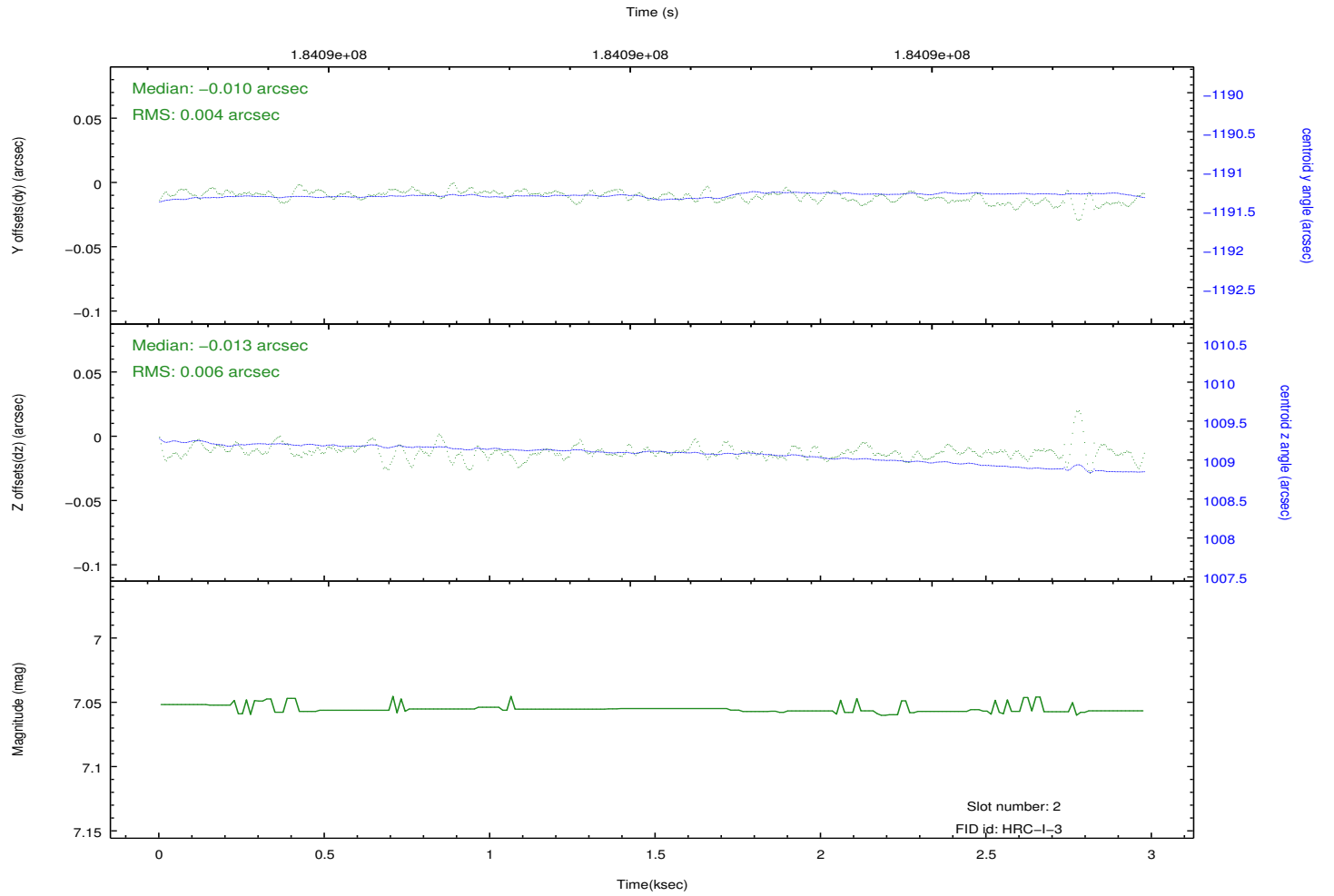
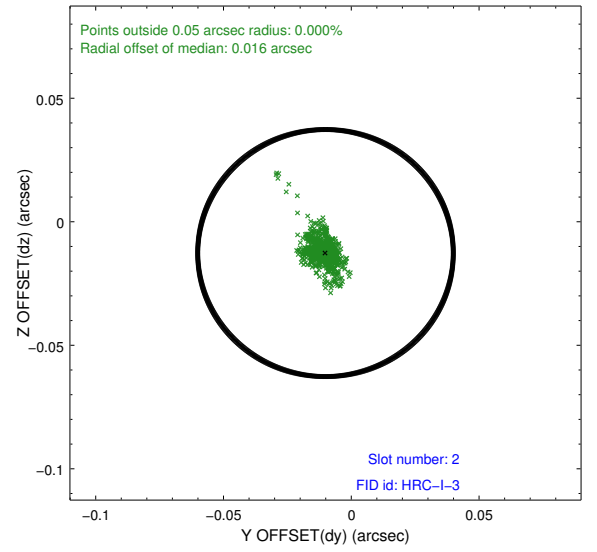
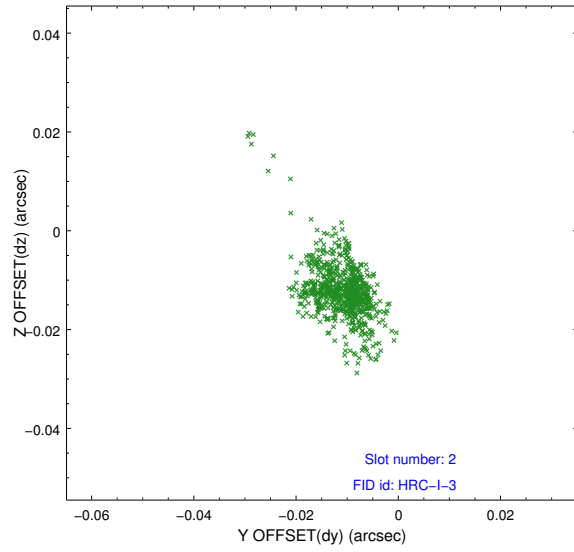
2.5.1 Slot 0



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)	2012.11.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.884

A.2 Comments