

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 7414 - L2 Version 4
Chandra X-Ray Center

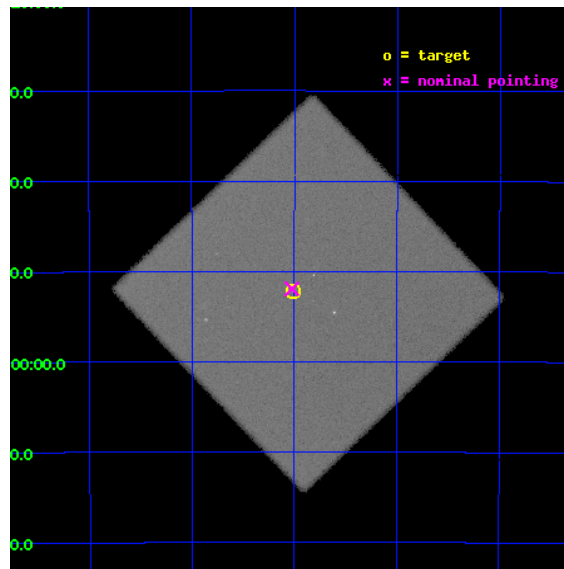
L2 Processing Date : Aug 11 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

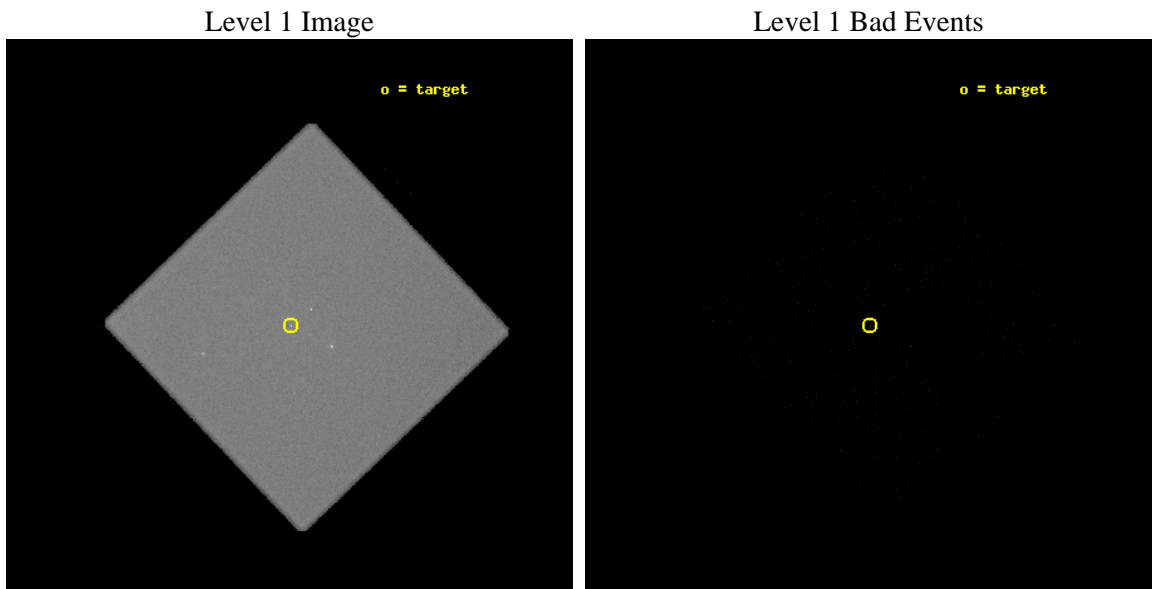
seq_num	200427	Sequence number
obs_id	7414	Observation id
title	Burn Out or Fade Away? Probing the X-ray Death of Intermediate Mass Stars	Proposal title
observer	Dr. Jeremy Drake	Principal investigator
object	HR4796	Source name
ra_targ	189.004167	Observer's specified target RA [deg]
dec_targ	-39.8695	Observer's specified target Dec [deg]
ra_nom	189.00612101677	Nominal RA [deg]
dec_nom	-39.865595595519	Nominal Dec [deg]
roll_nom	91.309121818681	Nominal Roll [deg]
revision	4	Processing version of data
ontime	20996.100992382	[s]
livetime	20801.550603915	Ontime multiplied by DTCOR
l2events	1096875	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	21200.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	20996.100992382	[s]
caldbver	4.5.1.1	 	l1events	1635751	Number of level 1 events
date	2012-08-11T16:05:56	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

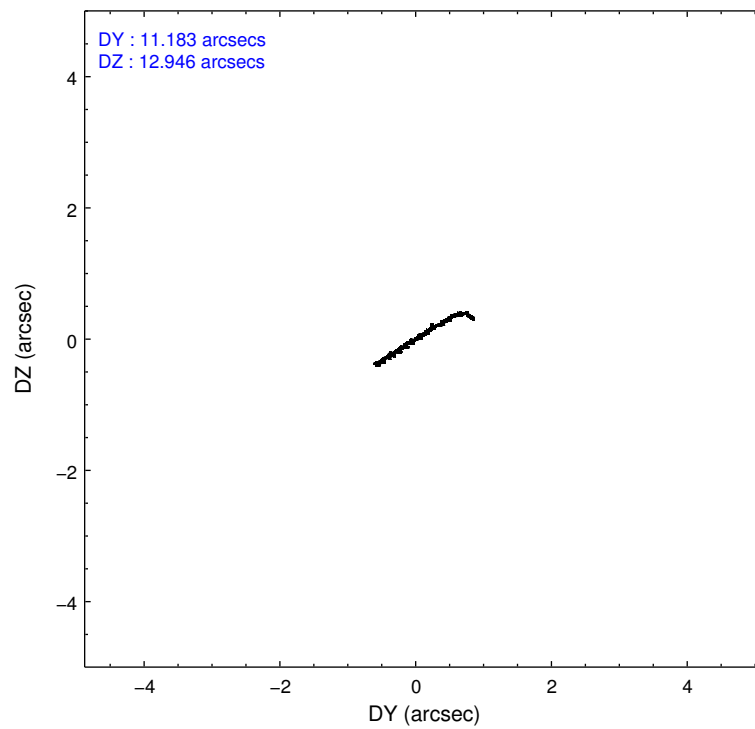
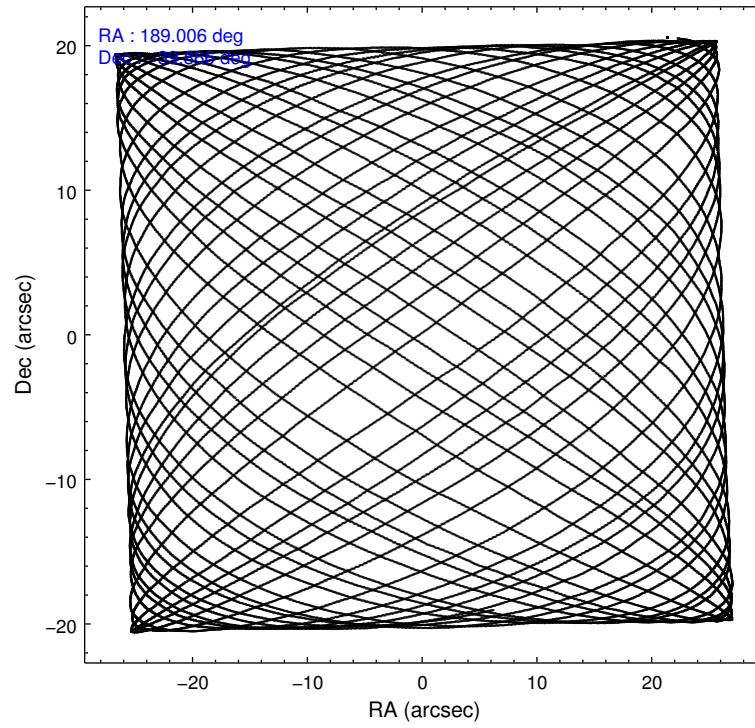
Level 1 Events

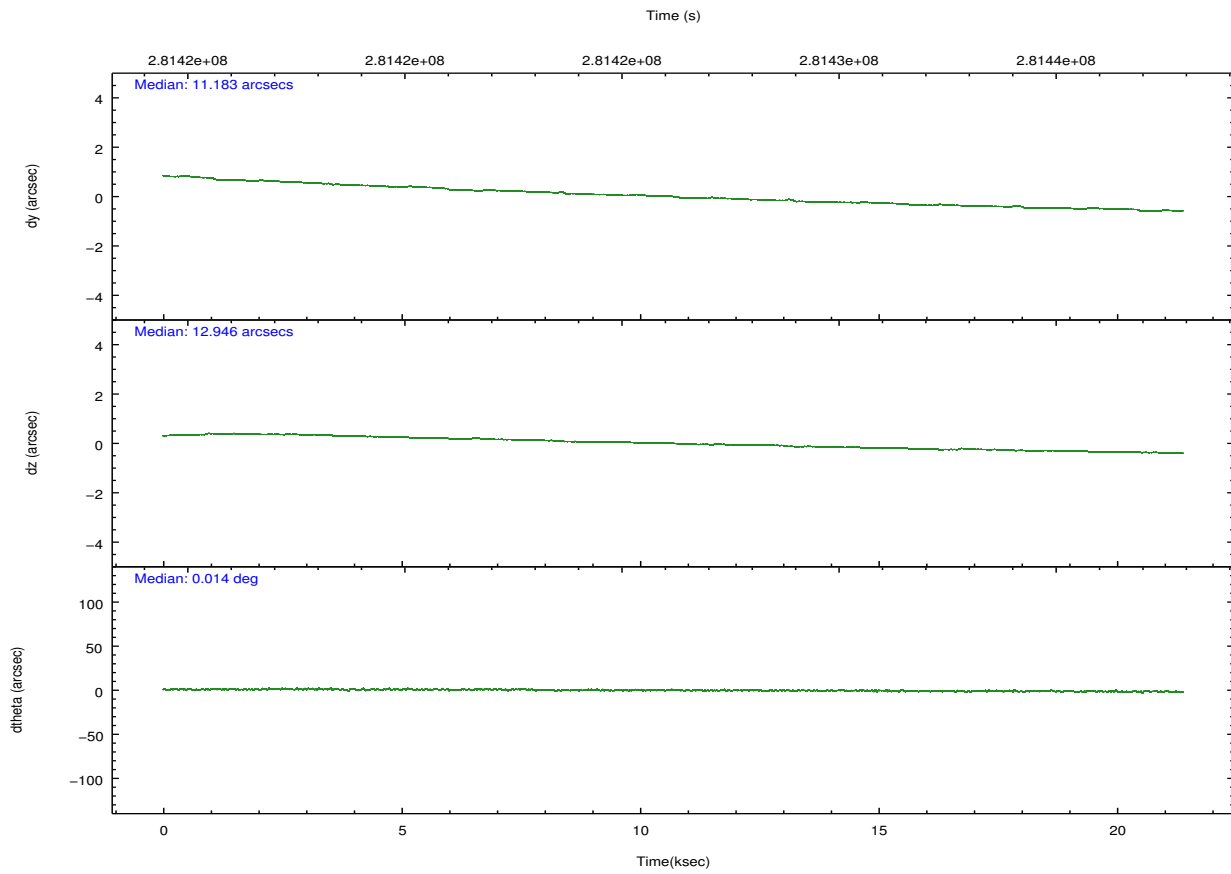
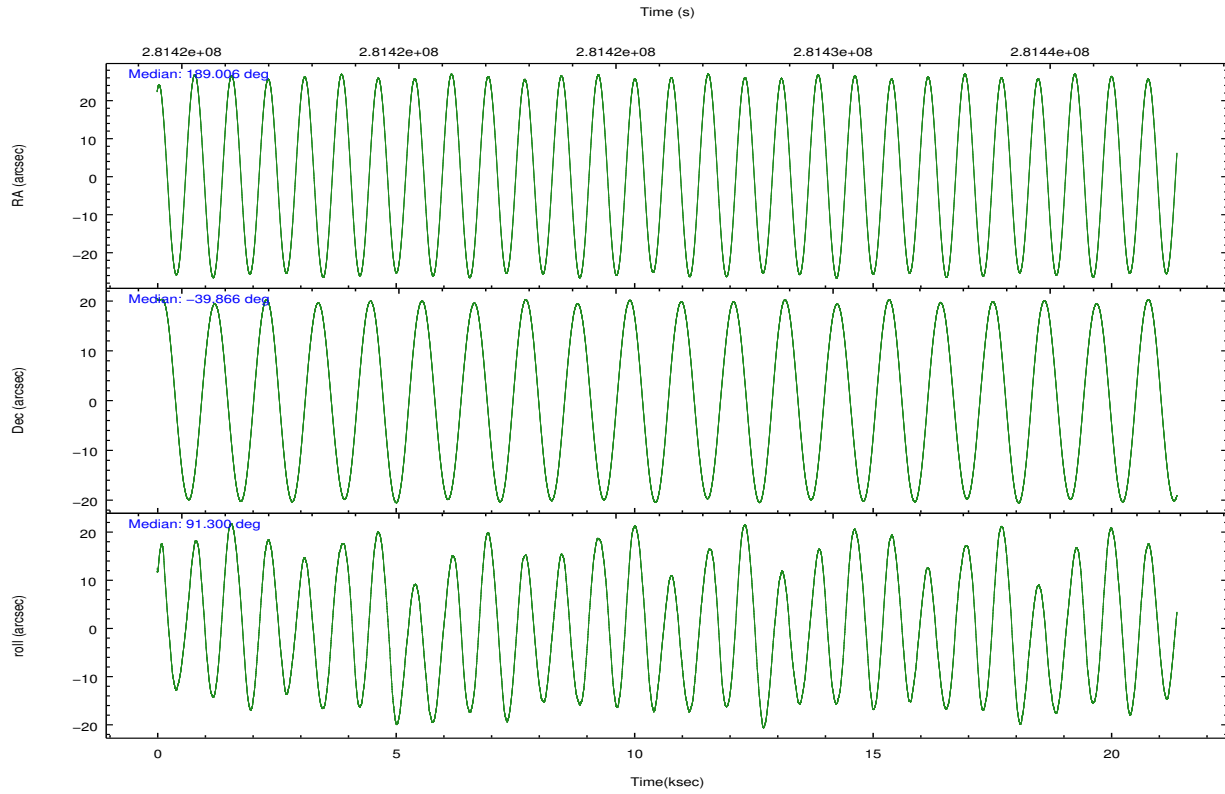
	segment 0
level 1 events	1635751
rejected events	7795
rejected %	0%

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	189.025199	189.006121016768			
[deg] Pointing Dec	-39.888441	-39.86559559551895			
[deg] Pointing Roll	91.416852	91.30912181868119			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	121.125494	121.127139652653			
[mm] SIM translation stage offset	5.86	5.858349238948563			
[s] Observation start time (MET)	281415657.184000	281414956.49542			
Observation start date	2006-12-02T02:59:52	2006-12-02T02:49:16			
[s] Observation end time (MET)	281436857.184000	281437576.19649			
Observation end date	2006-12-02T08:53:12	2006-12-02T09:06:16			

2.3 Aspect



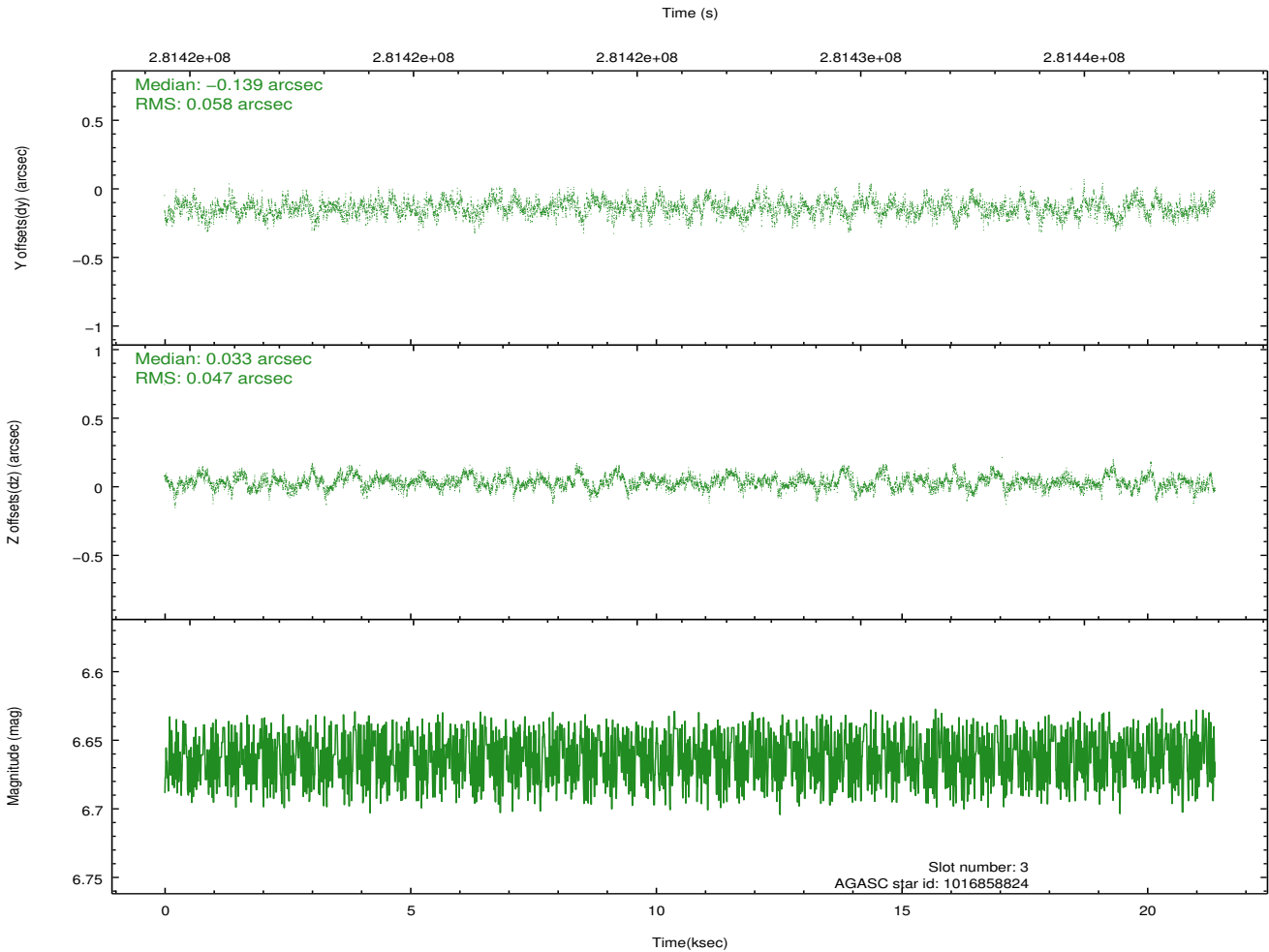
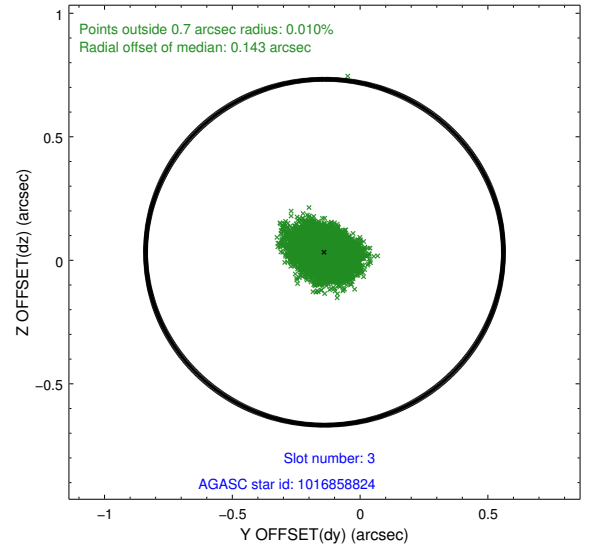
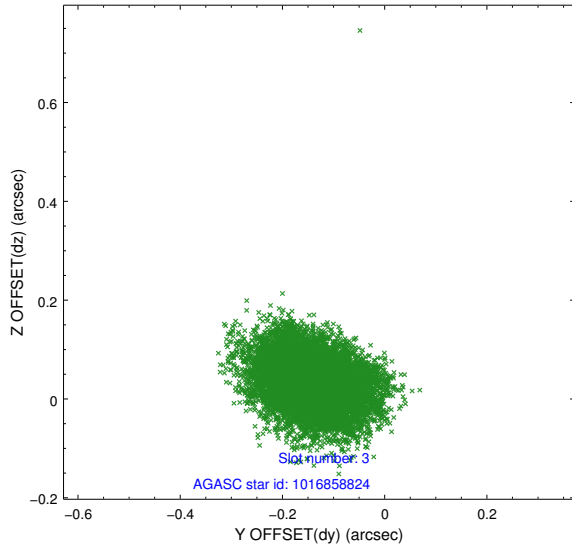


Slot Statistics

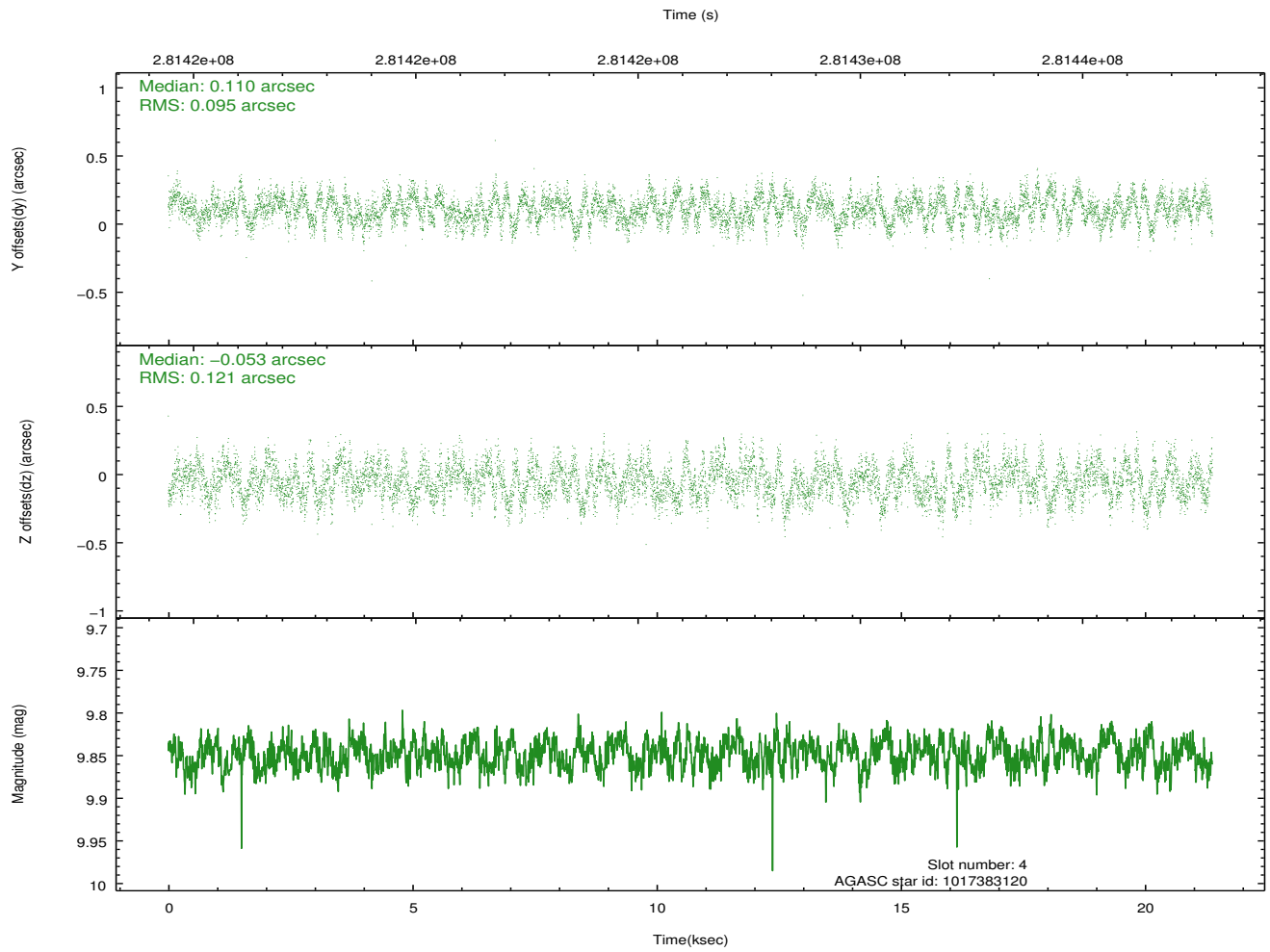
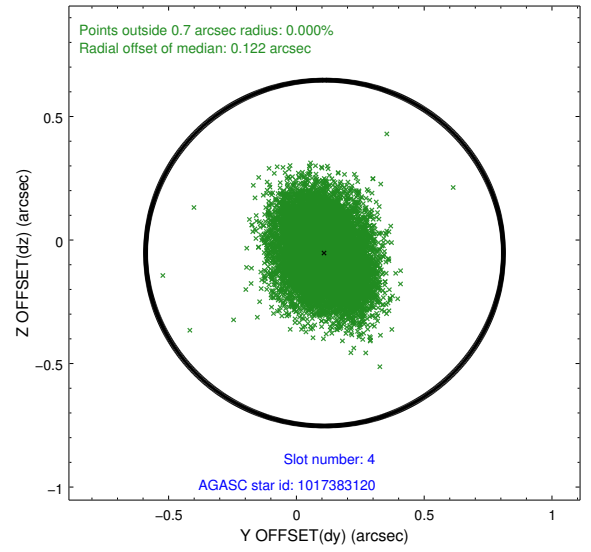
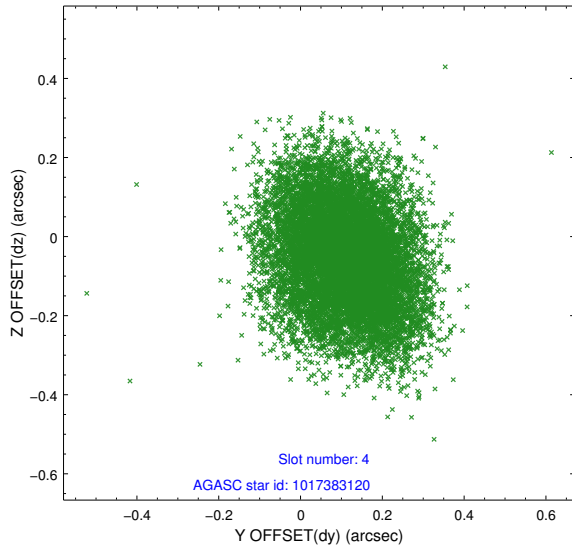
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	5214	-0.004	0.243	0.009	0.027	0.000000	0.000000	-766.81	-1180.89
1	FID	HRC-I-3	7.05	5215	-0.073	-0.293	0.017	0.025	0.000000	0.000000	-1195.62	1123.59
2	FID	HRC-I-4	6.99	5214	0.190	-0.040	0.015	0.021	0.000000	0.000000	1275.84	1121.64
3	GUIDE	1016858824	6.66	10431	-0.139	0.033	0.078	0.129	189.158395	-39.326292	2013.86	-420.23
4	GUIDE	1017383120	9.85	10419	0.110	-0.053	0.166	0.261	189.661872	-39.945421	-253.95	-1751.25
5	GUIDE	1017383856	8.41	10430	-0.176	-0.084	0.075	0.125	189.725196	-39.655865	782.07	-1959.69
6	GUIDE	1017389424	7.32	10430	-0.200	0.360	0.081	0.131	189.670980	-39.392364	1734.89	-1839.43
7	GUIDE	1017394968	10.24	10416	0.414	-0.255	0.187	0.334	188.598477	-40.372144	-1714.03	1212.77

2.4 Star Slots

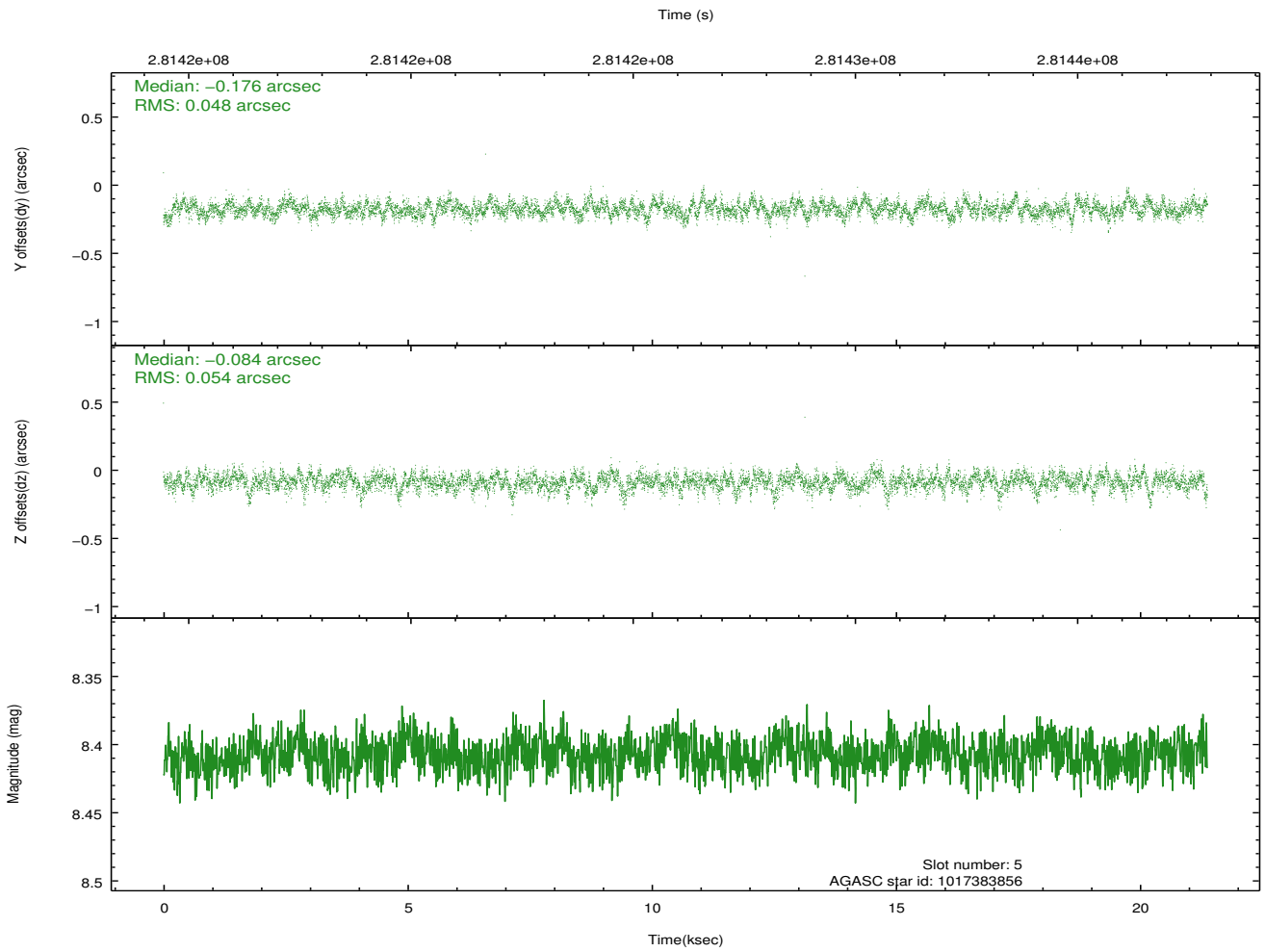
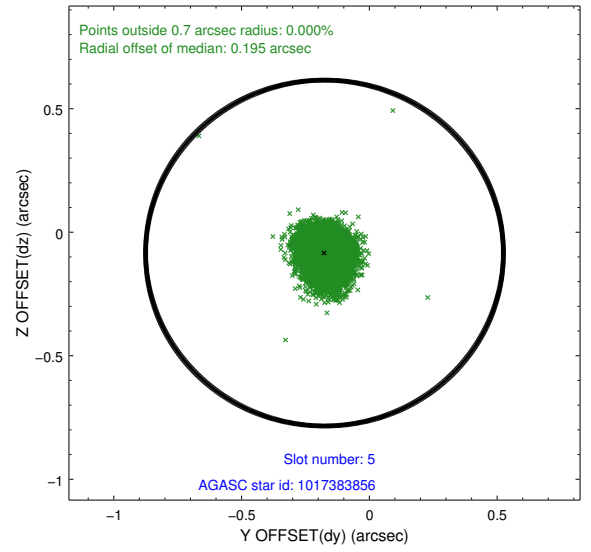
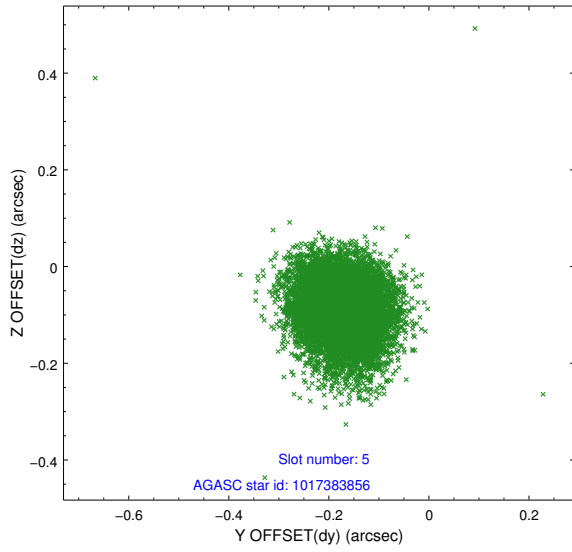
2.4.1 Slot 3



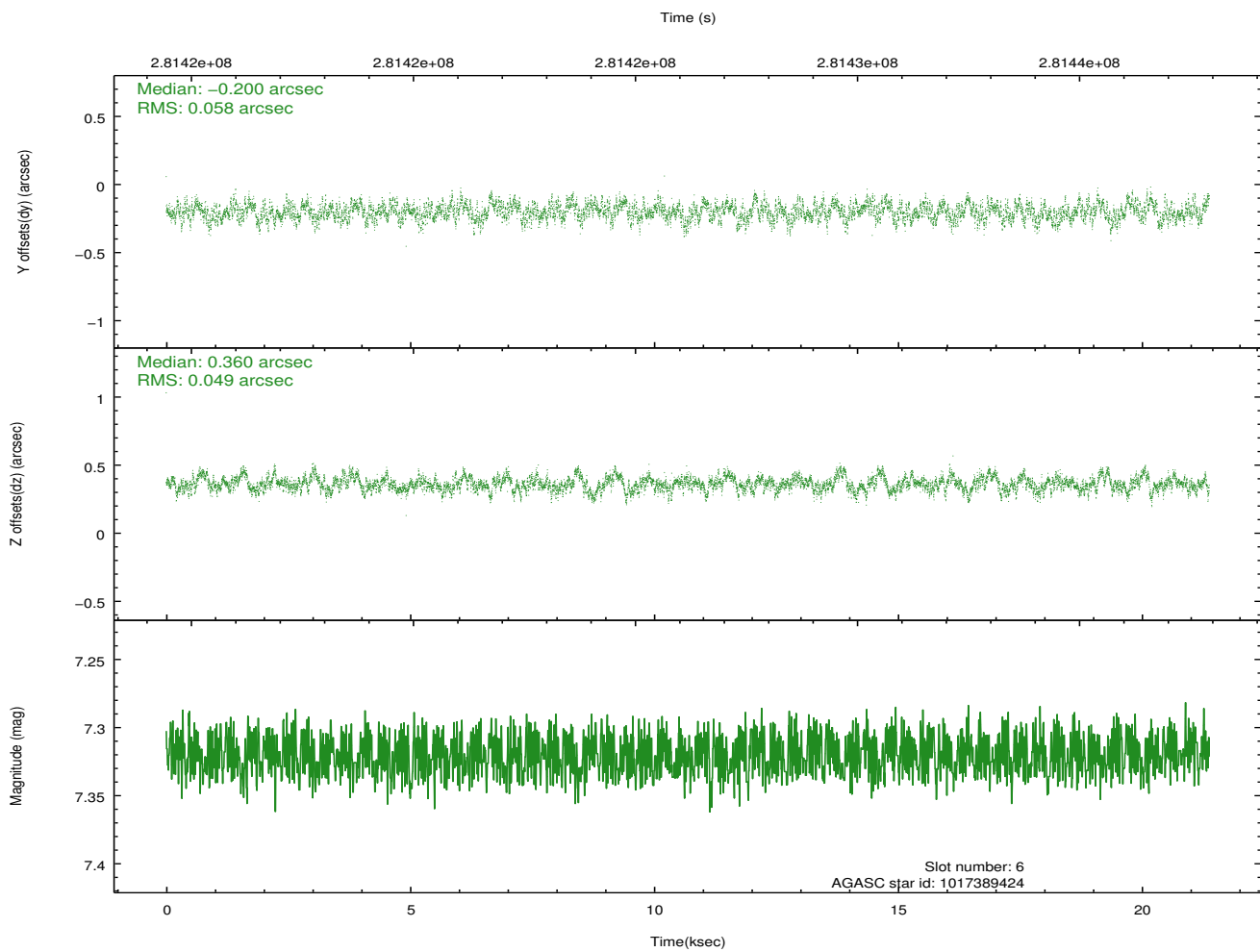
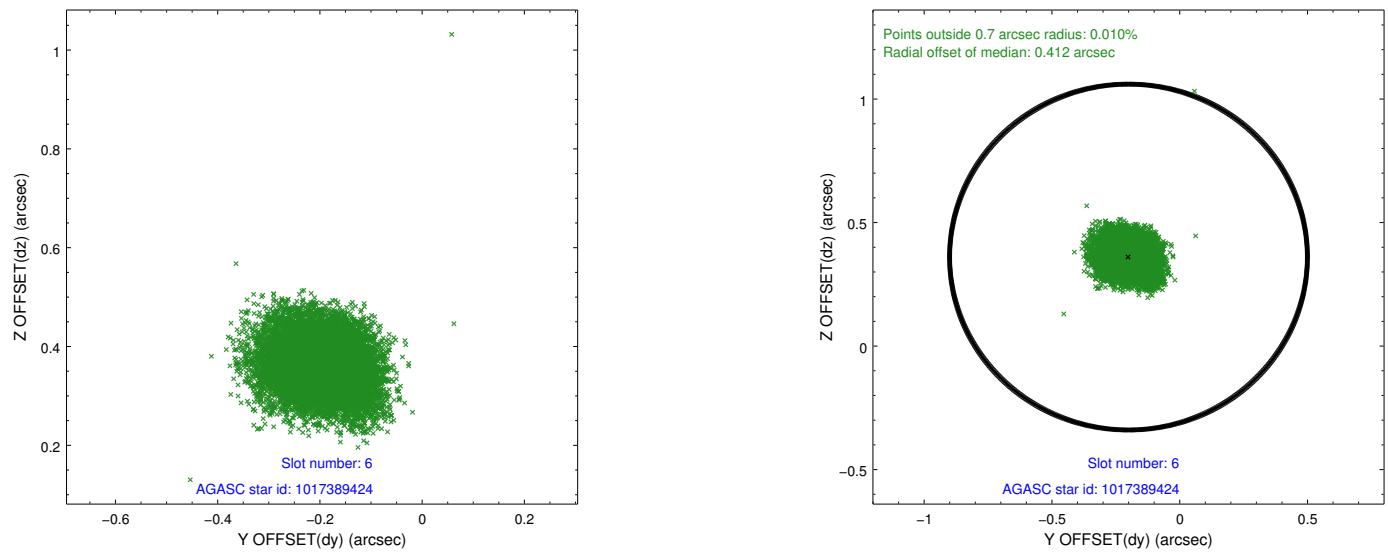
2.4.2 Slot 4



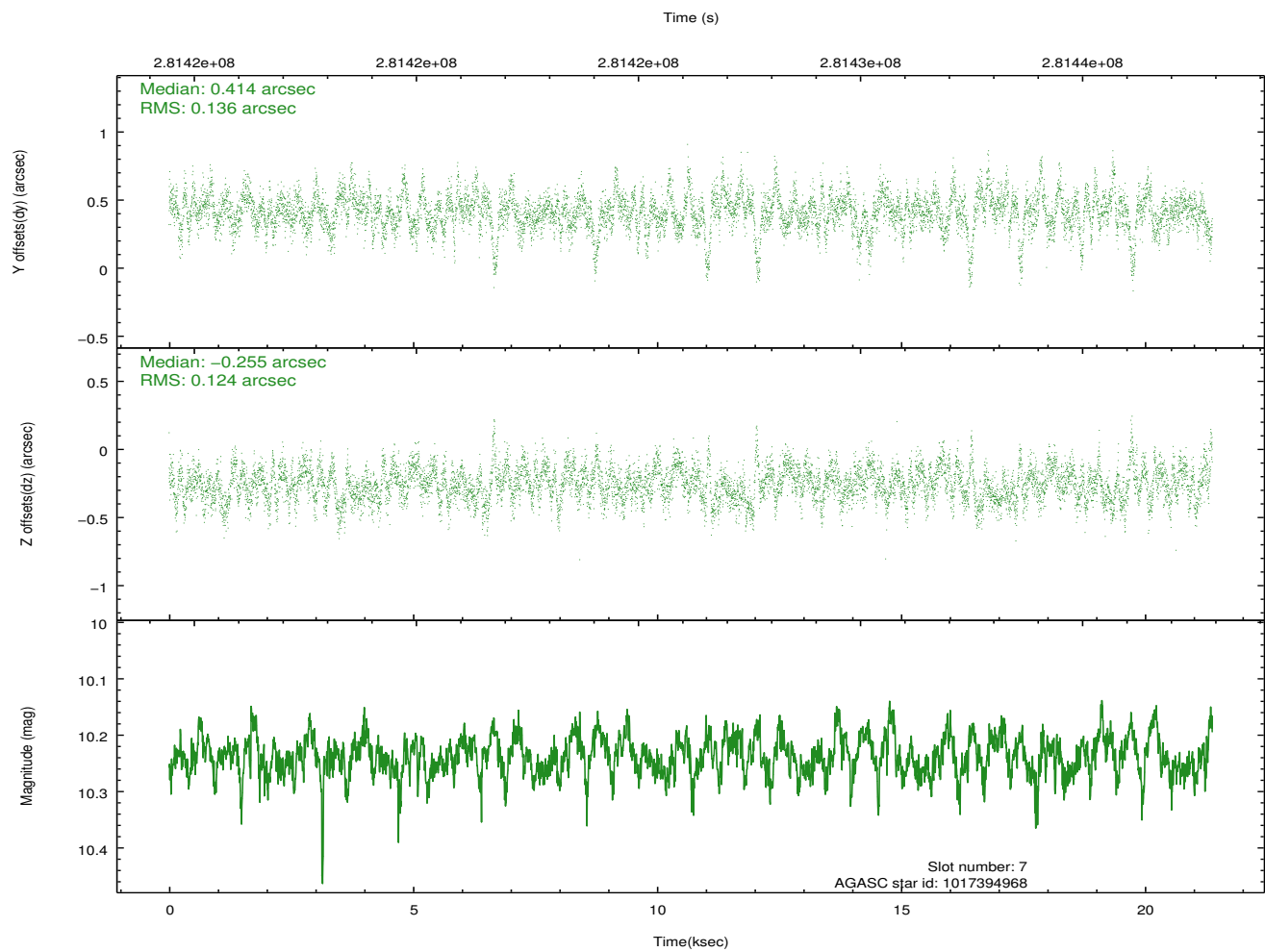
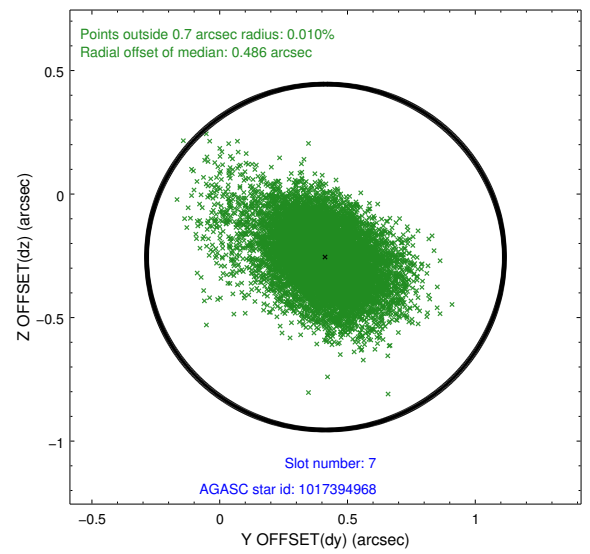
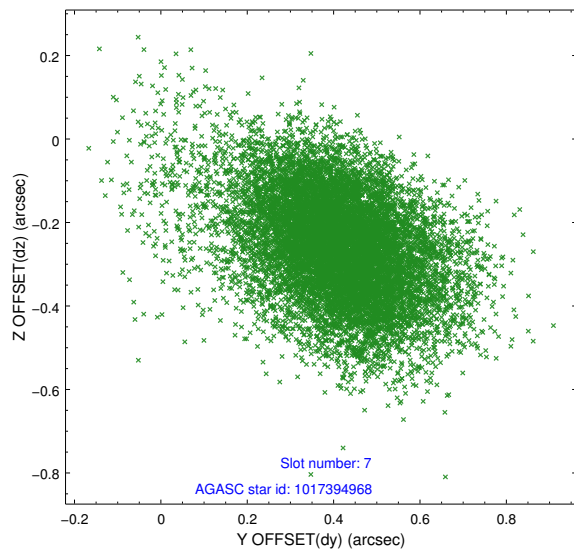
2.4.3 Slot 5



2.4.4 Slot 6

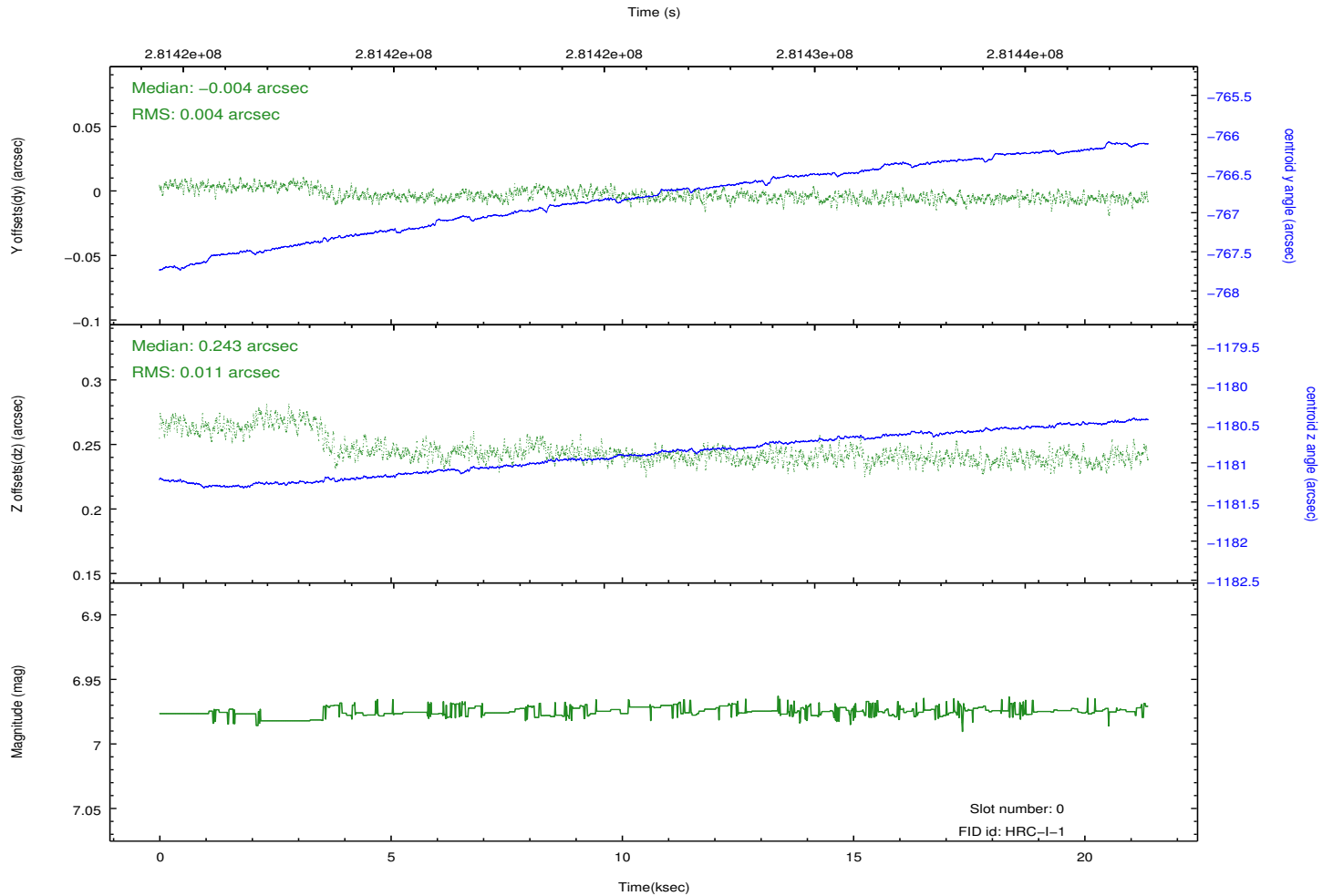
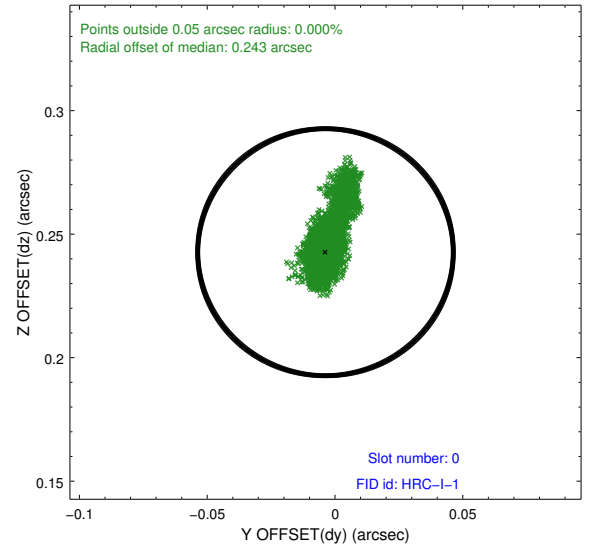
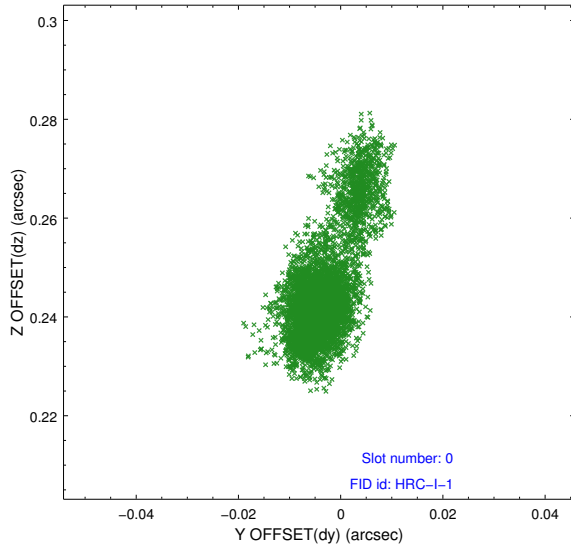


2.4.5 Slot 7

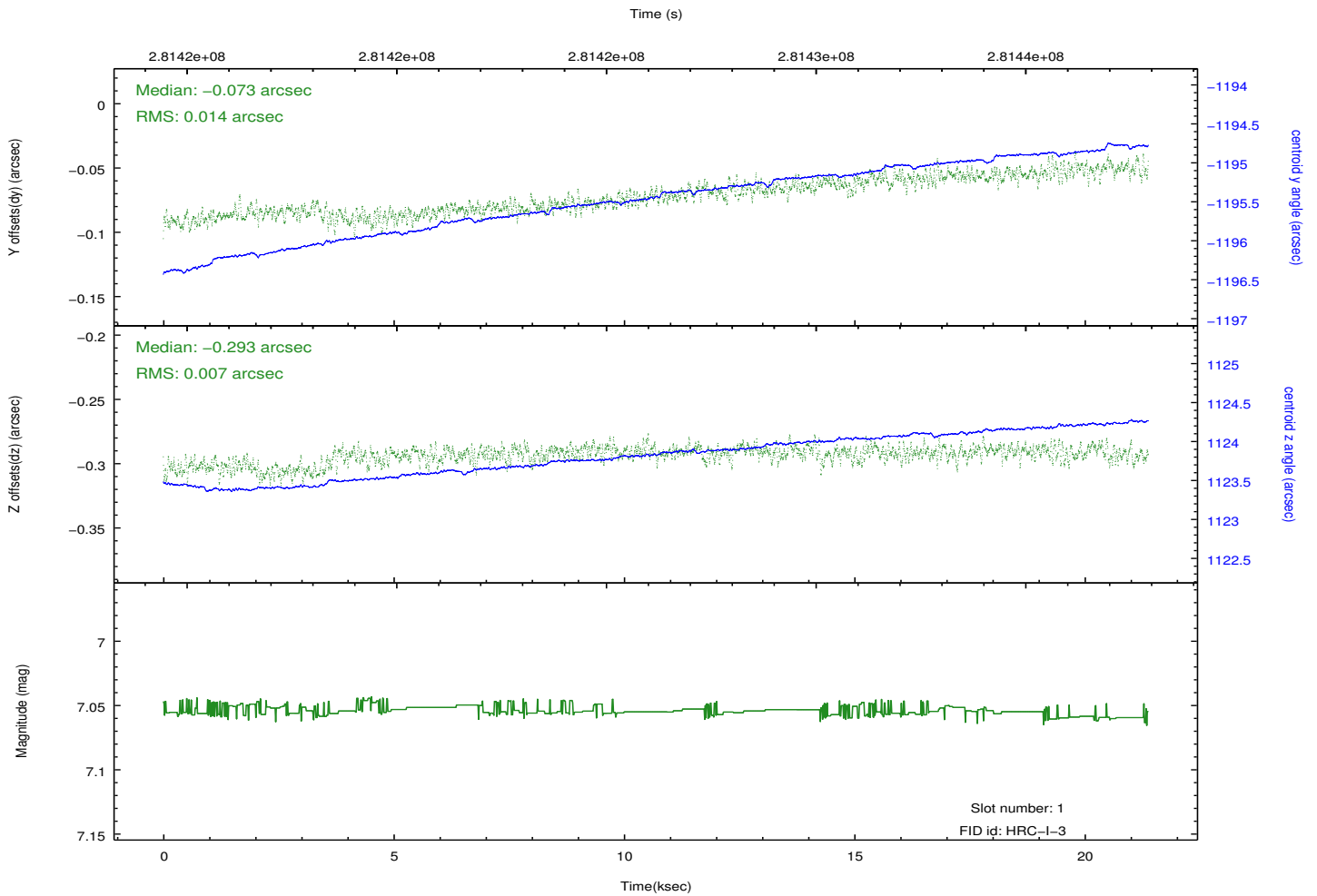
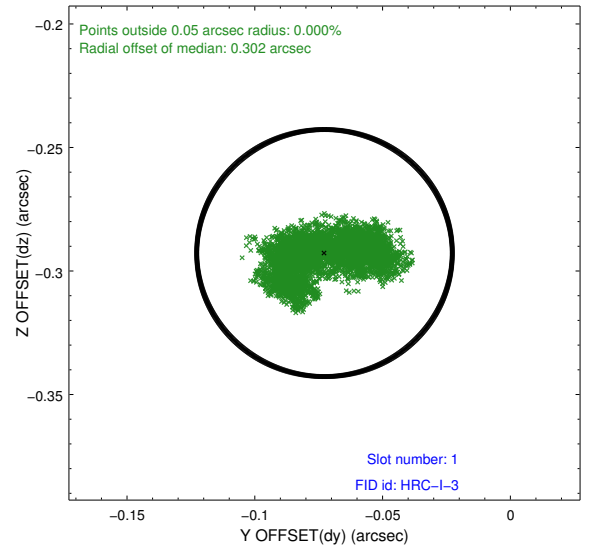
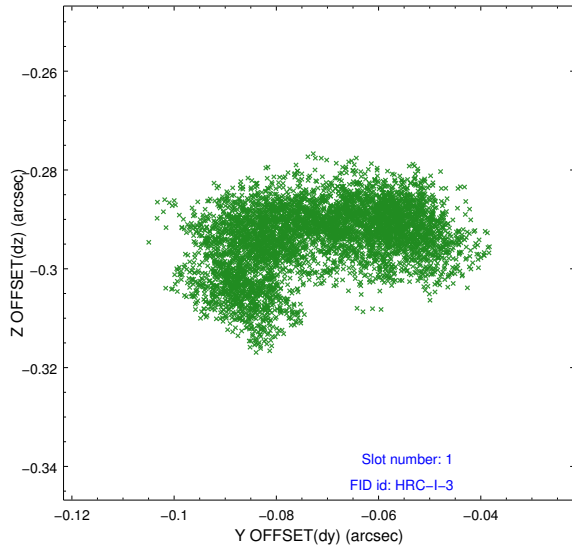


2.5 FID Slots

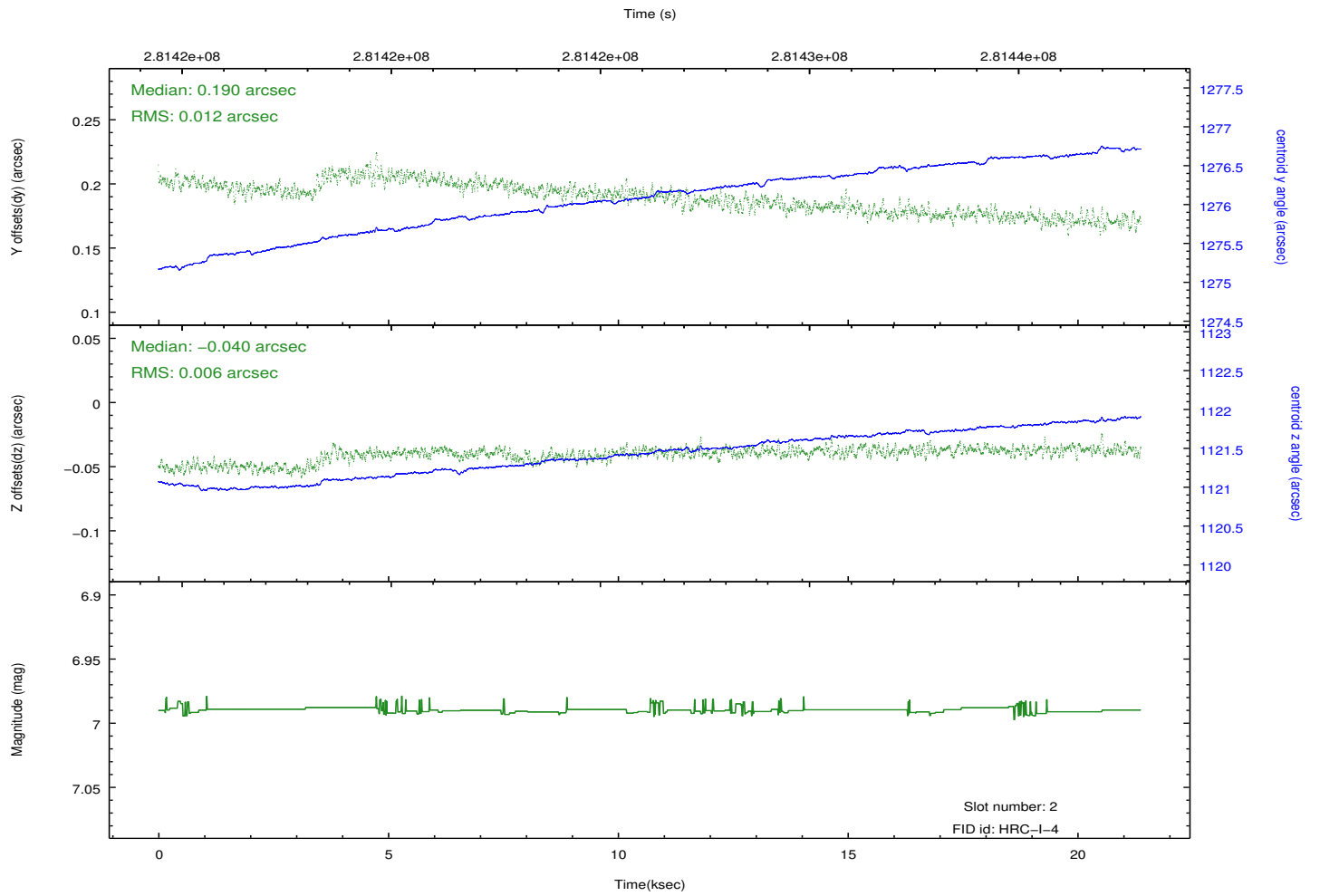
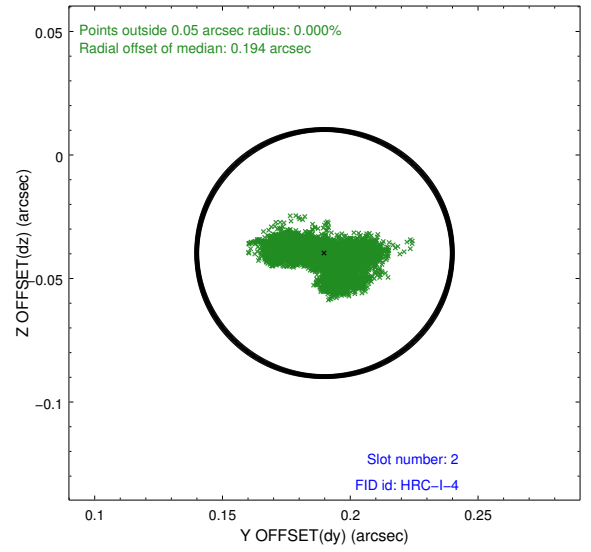
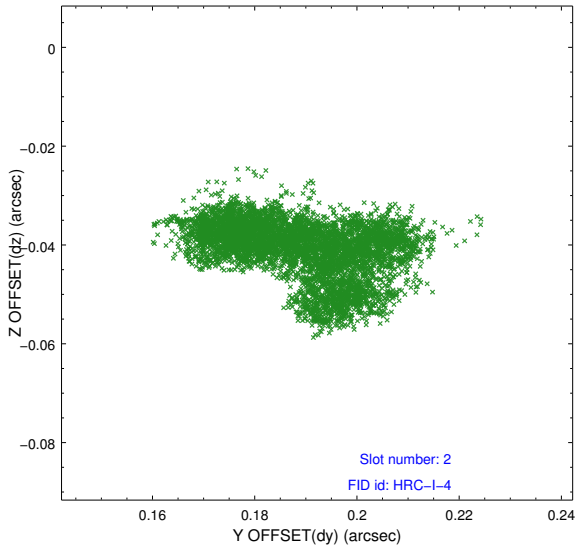
2.5.1 Slot 0



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)	2012.08.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.9961009

A.2 Comments

Nearest source is at 12:36:00.513 -39:52:15.68