

V&V Reference Report

L2 ASCDS Version : 10.5.2

Observation 18930 - L2 Version 1
Chandra X-Ray Center

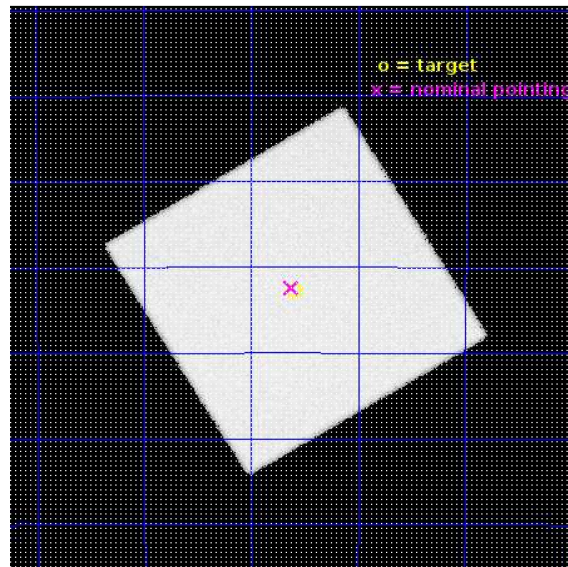
L2 Processing Date : Mar 31 2017

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1 Front

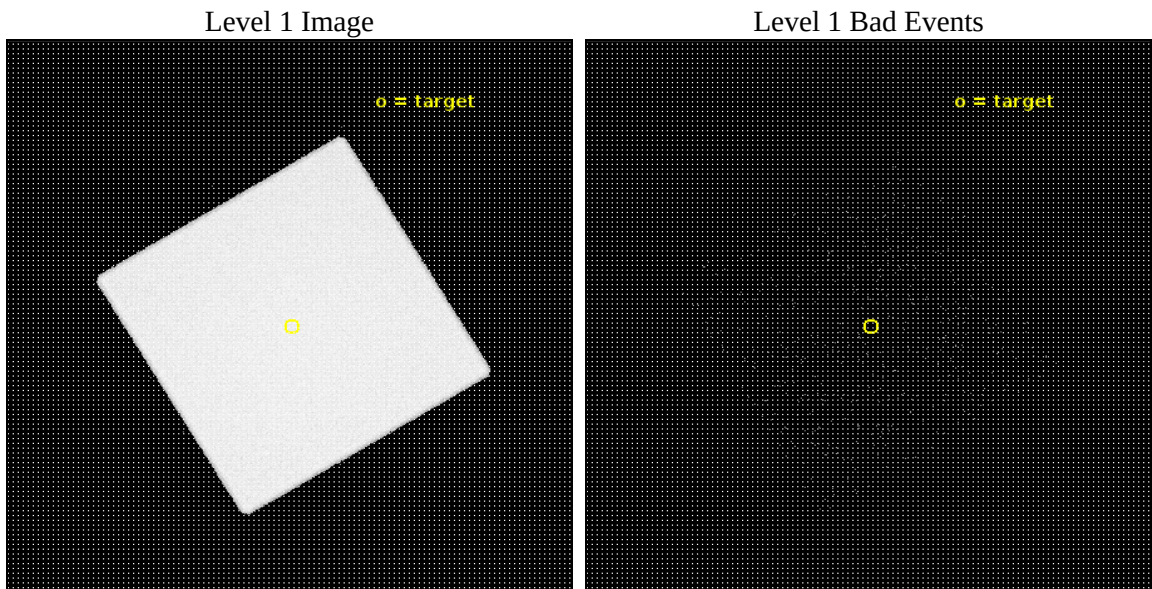
seq_num	201123	Sequence number
obs_id	18930	Observation id
title	What is the hottest cool star?	Proposal title
observer	Hans Guenther	Principal investigator
object	iota Cen	Source name
ra_targ	200.149167	Observer's specified target RA [deg]
dec_targ	-36.712278	Observer's specified target Dec [deg]
ra_nom	200.15587273633	Nominal RA [deg]
dec_nom	-36.7068340696	Nominal Dec [deg]
roll_nom	13.908548650083	Nominal Roll [deg]
revision	1	Processing version of data
ontime	10121.875587225	[s]
livetime	9669.2080052697	Ontime multiplied by DTCOR
l2events	1149082	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	10000.000000	[s] Scheduled observation exposure time
ascdsver	10.5.2	Processing system revision	ontime	10121.875587225	[s]
caldsver	4.7.3	 	l1events	1732809	Number of level 1 events
date	2017-03-31T22:25:03	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

Level 1 Events

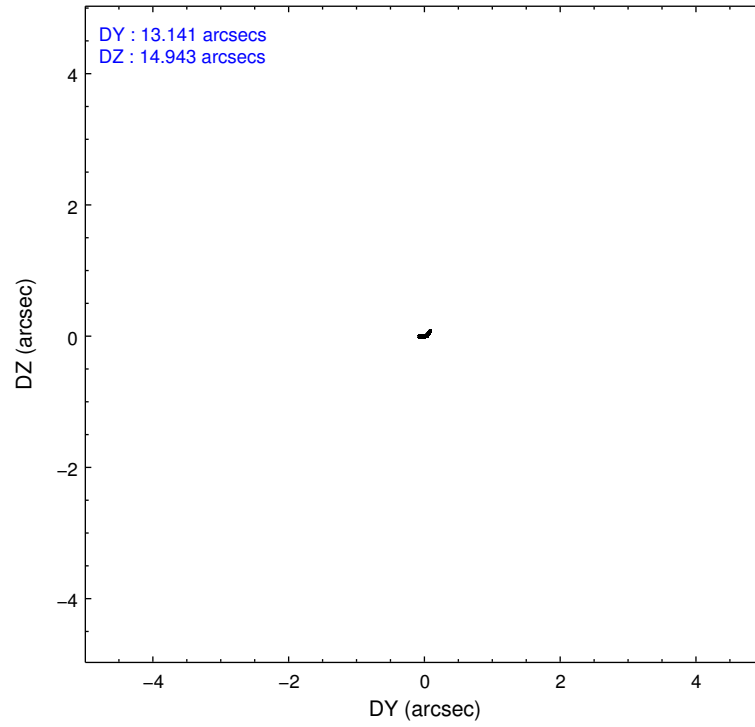
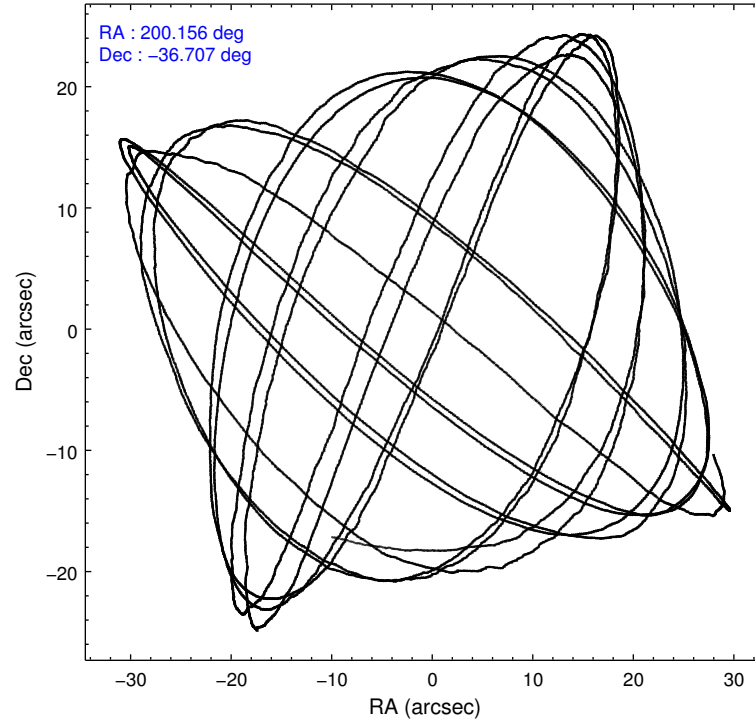
	segment 0
level 1 events	1732809
rejected events	229451
rejected %	13%

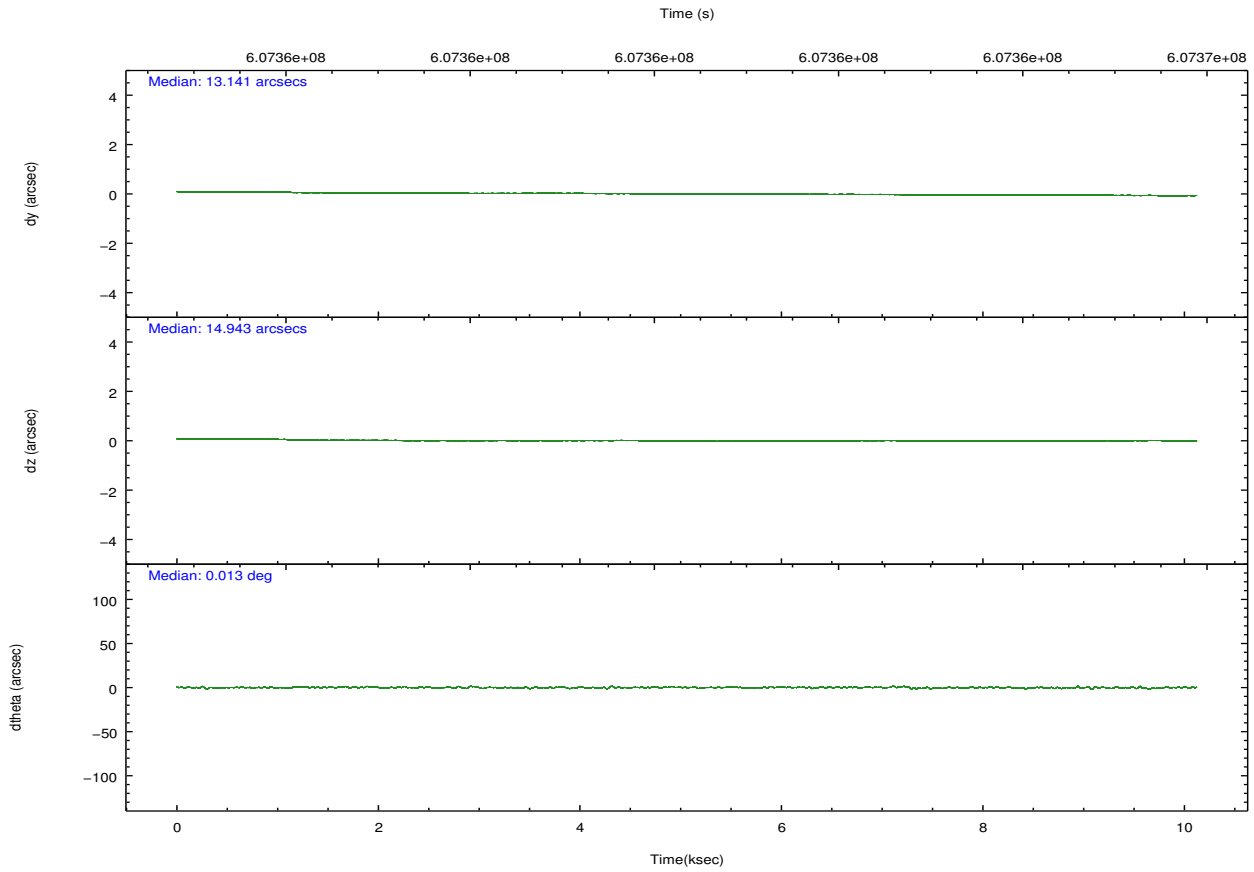
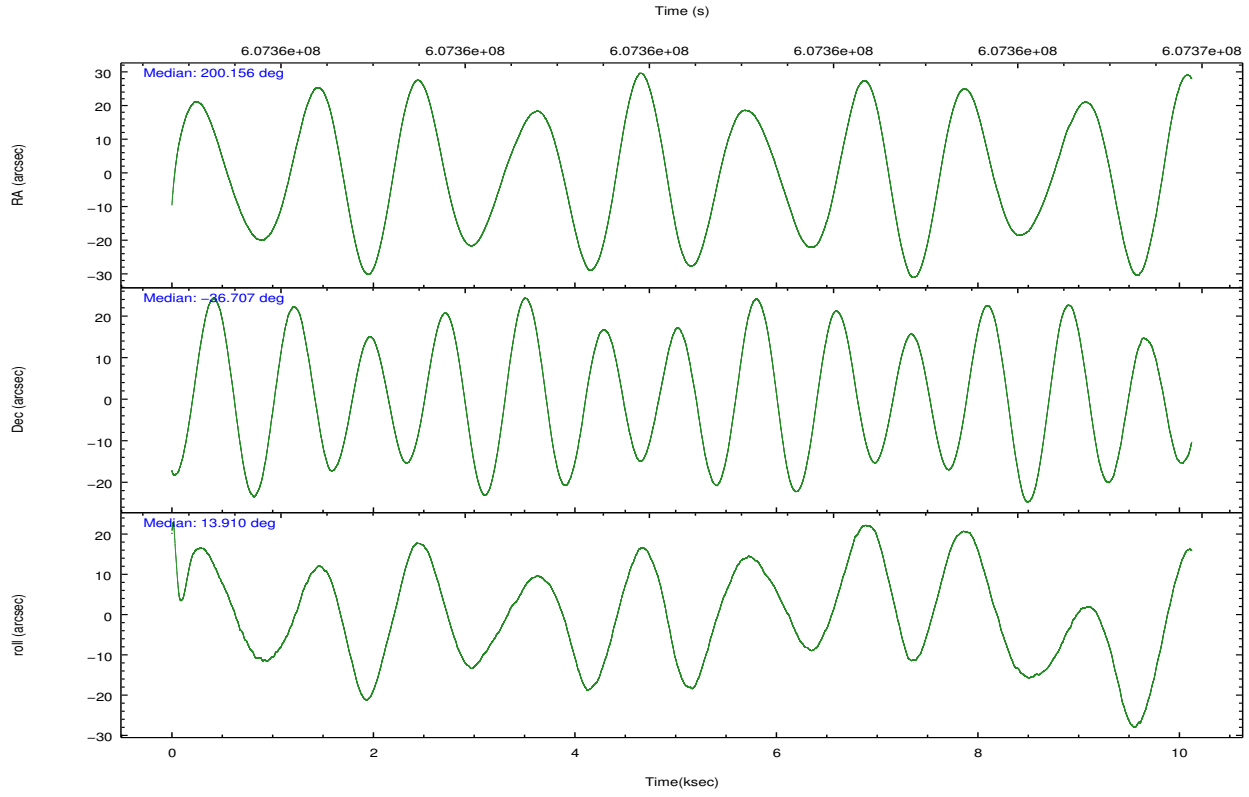
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	200.131719	200.1558727363315
[deg] Pointing Dec	-36.726163	-36.70683406960043
[deg] Pointing Roll	13.989568	13.90854865008306
[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)	607355413.184000	607353775.4743
Observation start date	2017-03-31T13:49:04	2017-03-31T13:22:55
[s] Observation end time (MET)	607365413.184000	607366058.56252
Observation end date	2017-03-31T16:35:44	2017-03-31T16:47:38

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



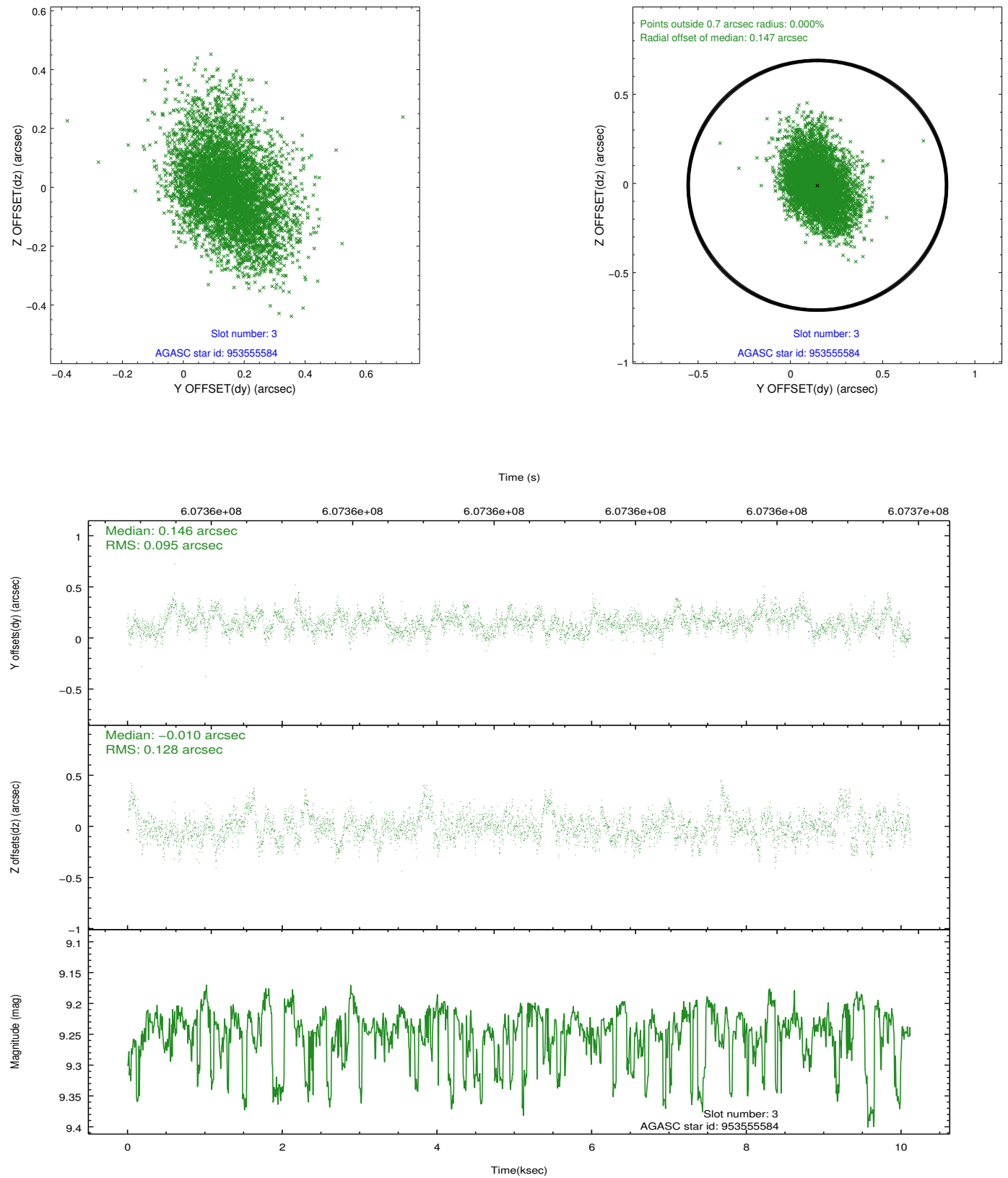


Slot Statistics

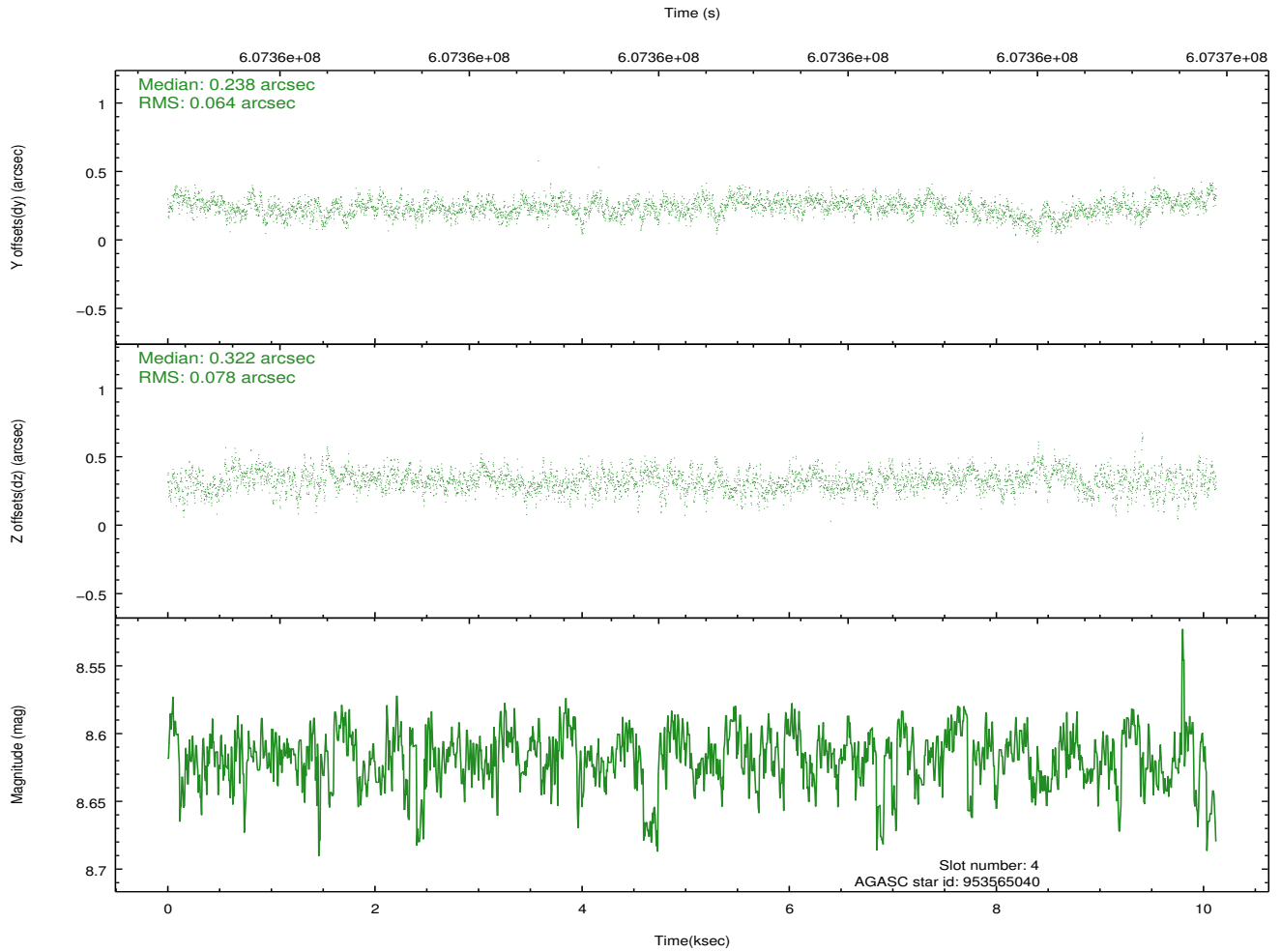
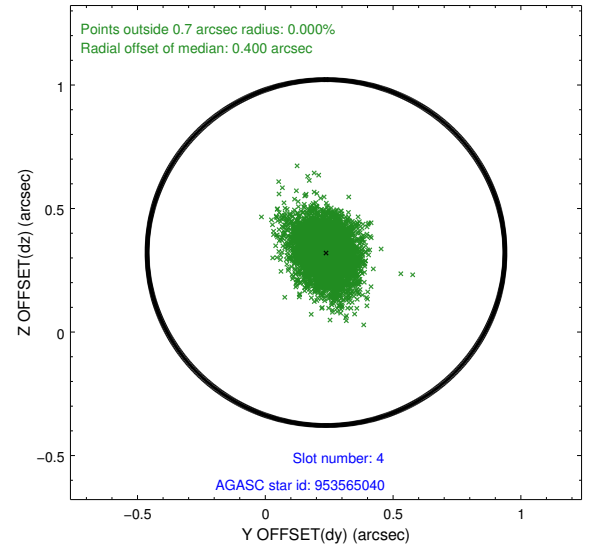
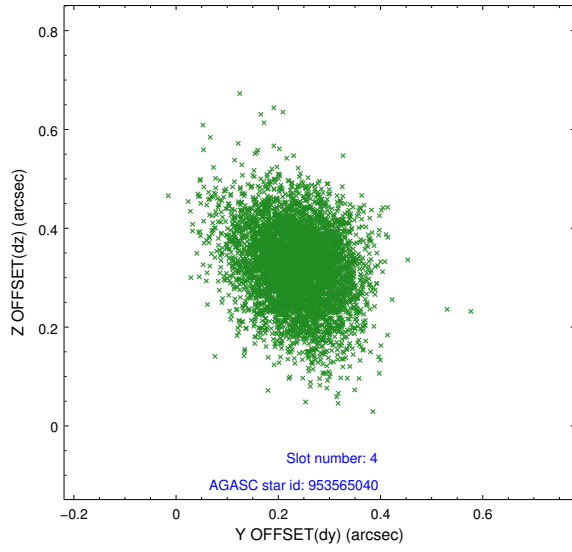
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		HRC-I-1	6.99	2469	-0.295	-0.165	0.007	0.011	0.000000	0.000000	-769.29	-1303.13
1	FID		HRC-I-2	7.03	2469	0.256	-0.030	0.008	0.012	0.000000	0.000000	843.58	-1305.21
2	FID		HRC-I-4	7.02	2469	0.155	0.103	0.006	0.011	0.000000	0.000000	1274.47	998.62
3	GUIDE	used	953555584	9.24	4932	0.146	-0.010	0.164	0.286	199.633469	-36.379228	-1100.62	1557.67
4	GUIDE	used	953565040	8.62	4938	0.238	0.322	0.105	0.177	199.878256	-37.002161	-947.69	-787.98
5	GUIDE	used	953684224	8.19	4938	-0.391	-0.019	0.112	0.189	200.756522	-36.413607	2026.29	648.60
6	GUIDE	used	953558440	8.99	4933	0.334	0.001	0.156	0.258	199.351027	-36.817155	-2265.34	218.66
7	GUIDE	used	953684480	7.68	4936	-0.326	-0.297	0.106	0.179	200.457323	-36.112232	1450.68	1914.07

2.4 Star Slots

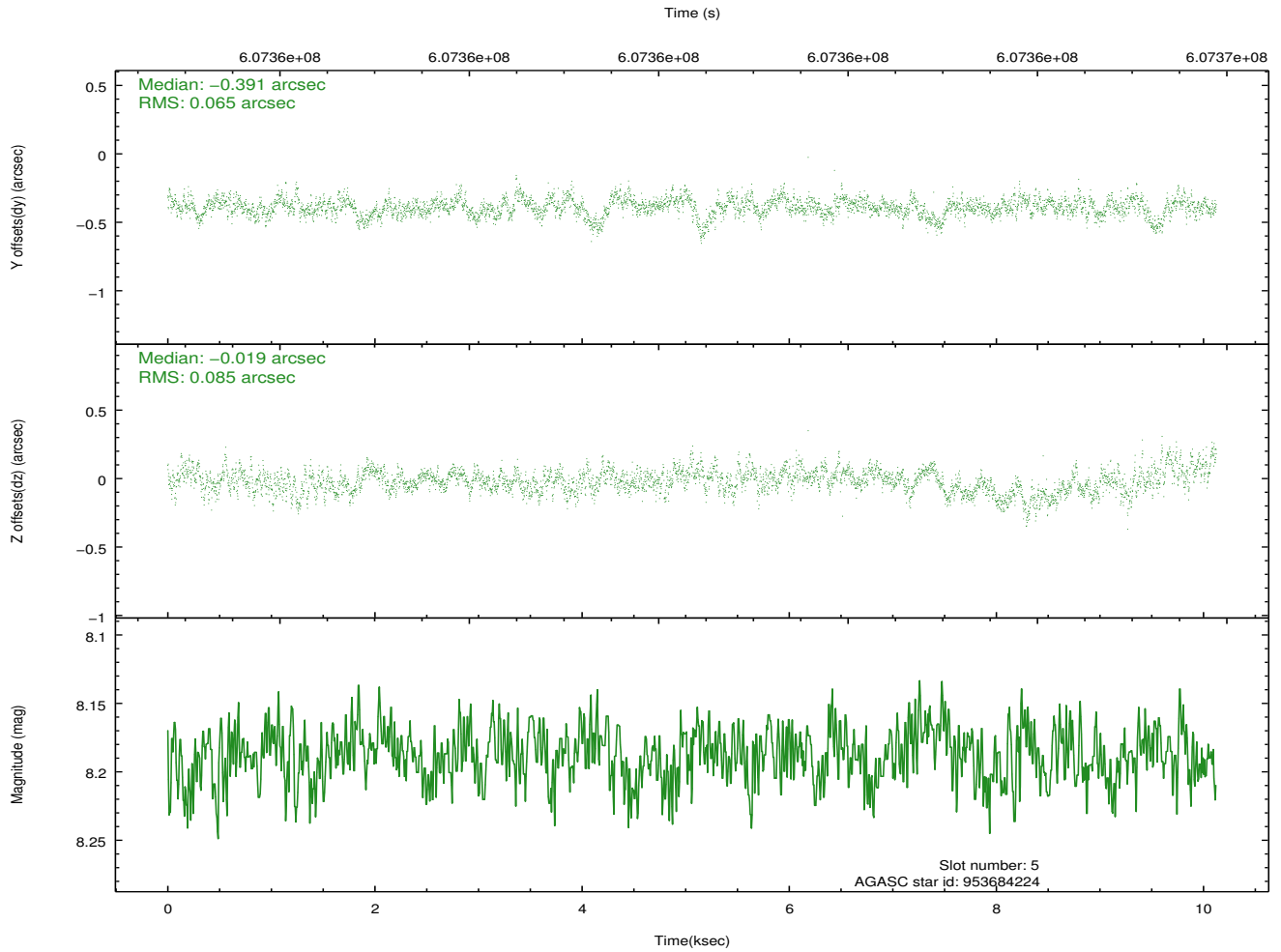
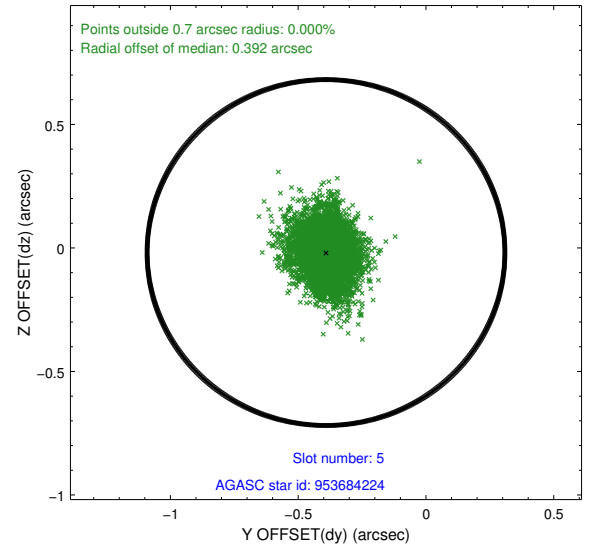
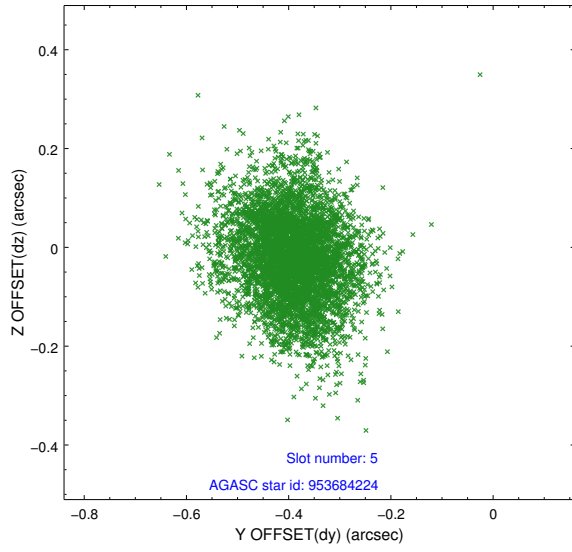
2.4.1 Slot 3



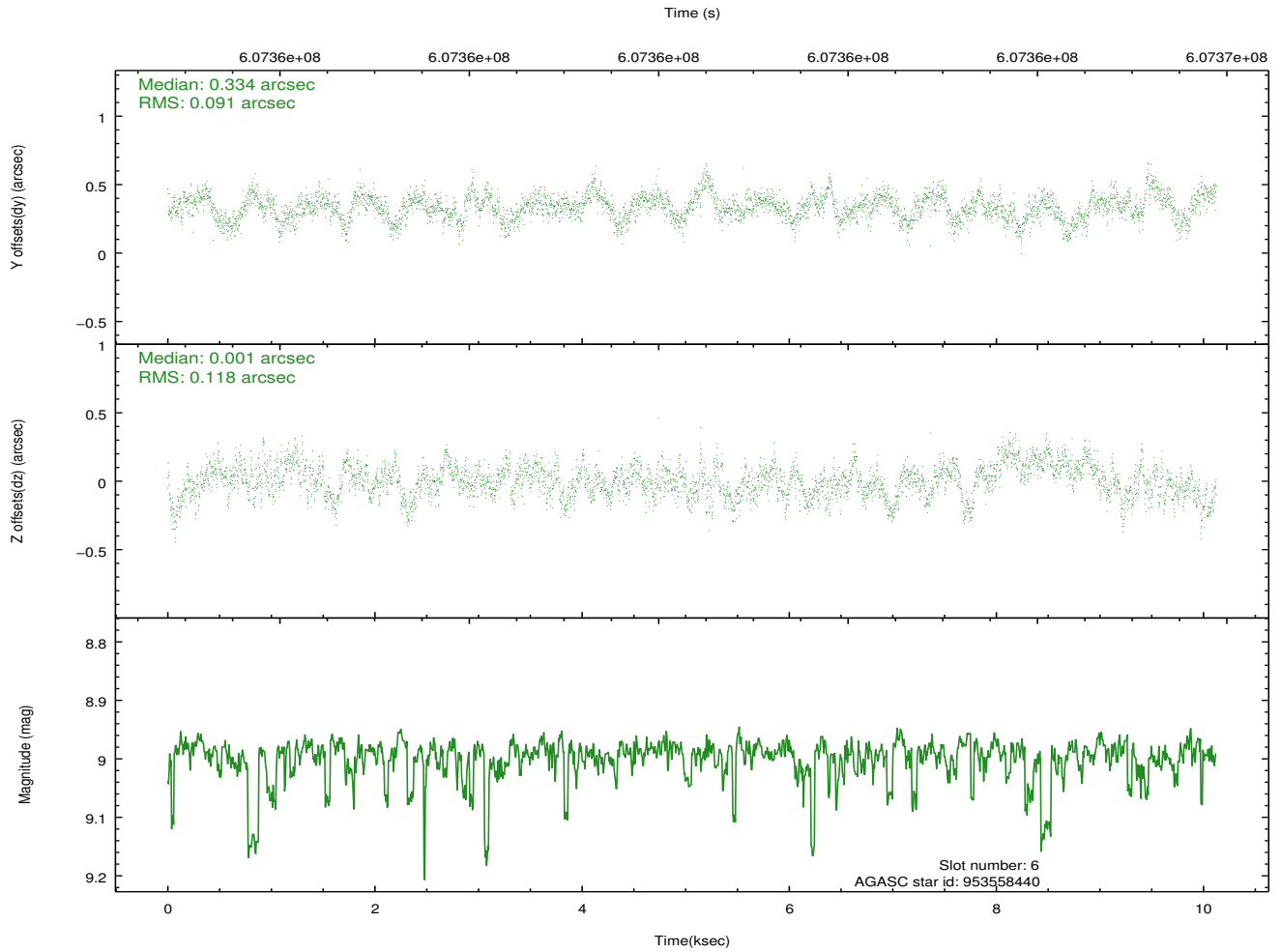
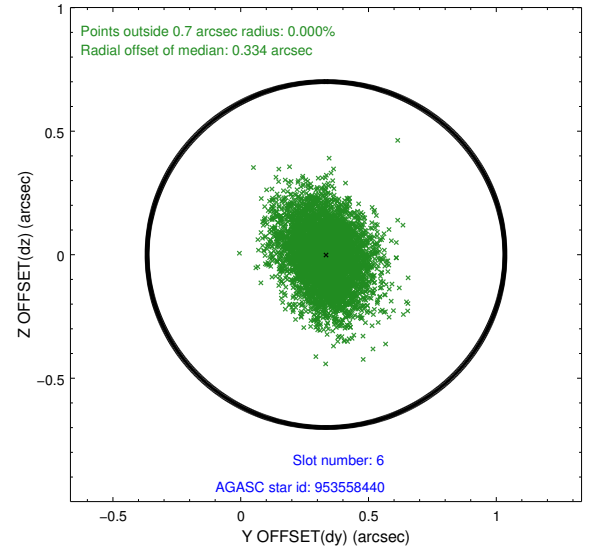
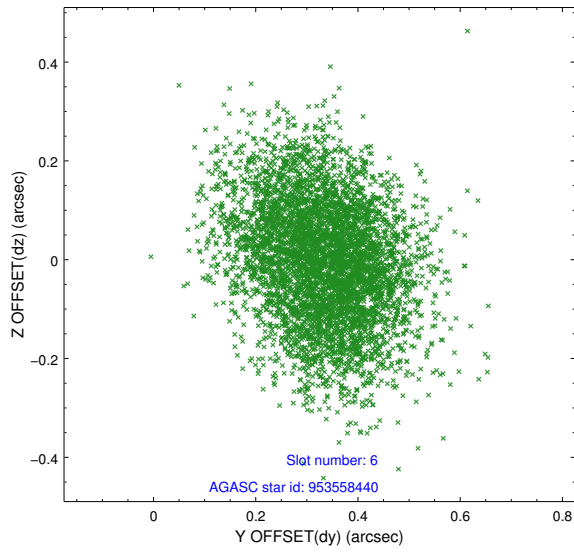
2.4.2 Slot 4



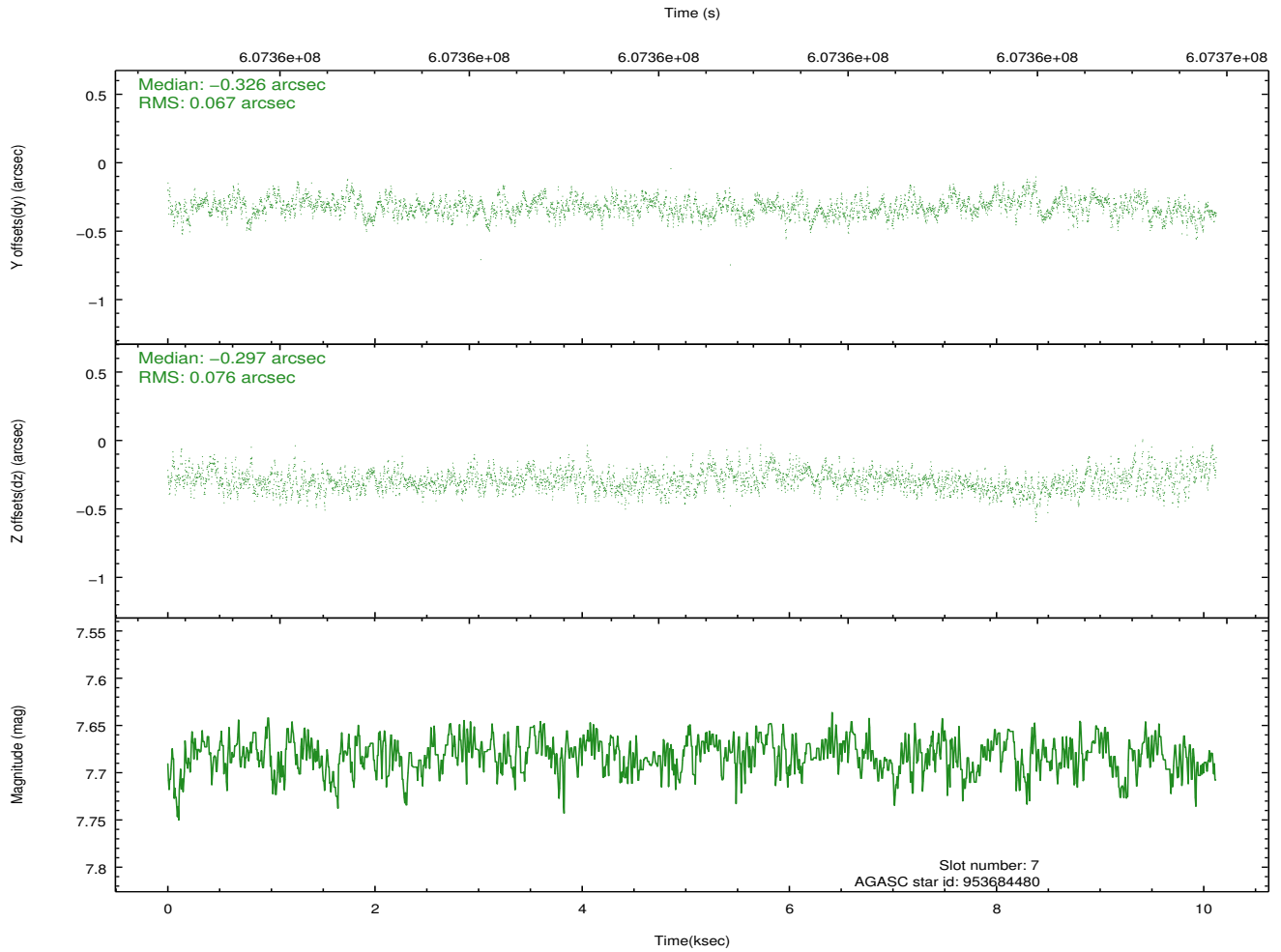
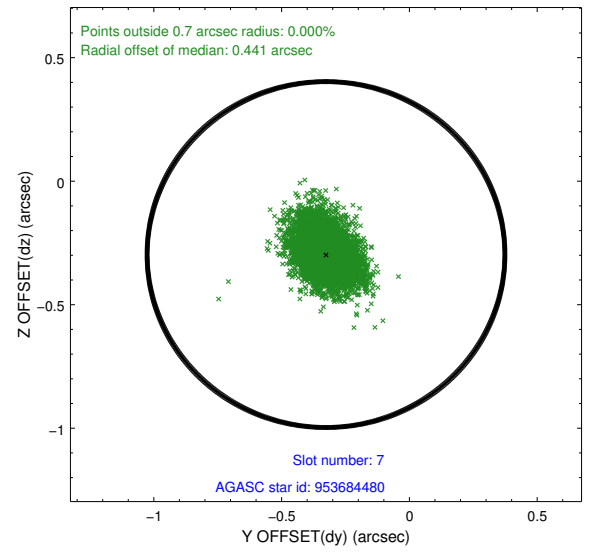
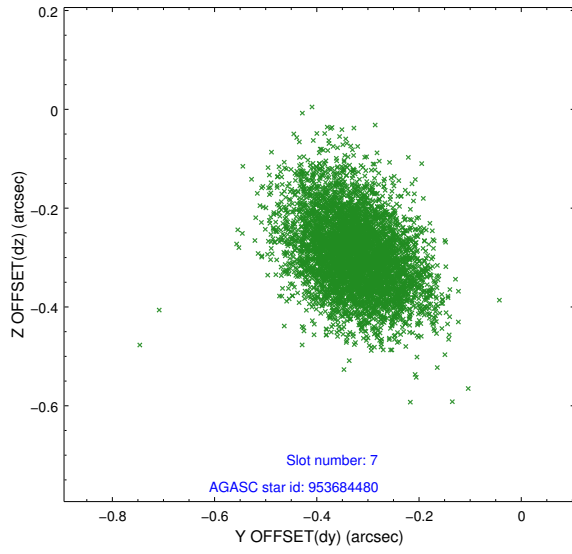
2.4.3 Slot 5



2.4.4 Slot 6

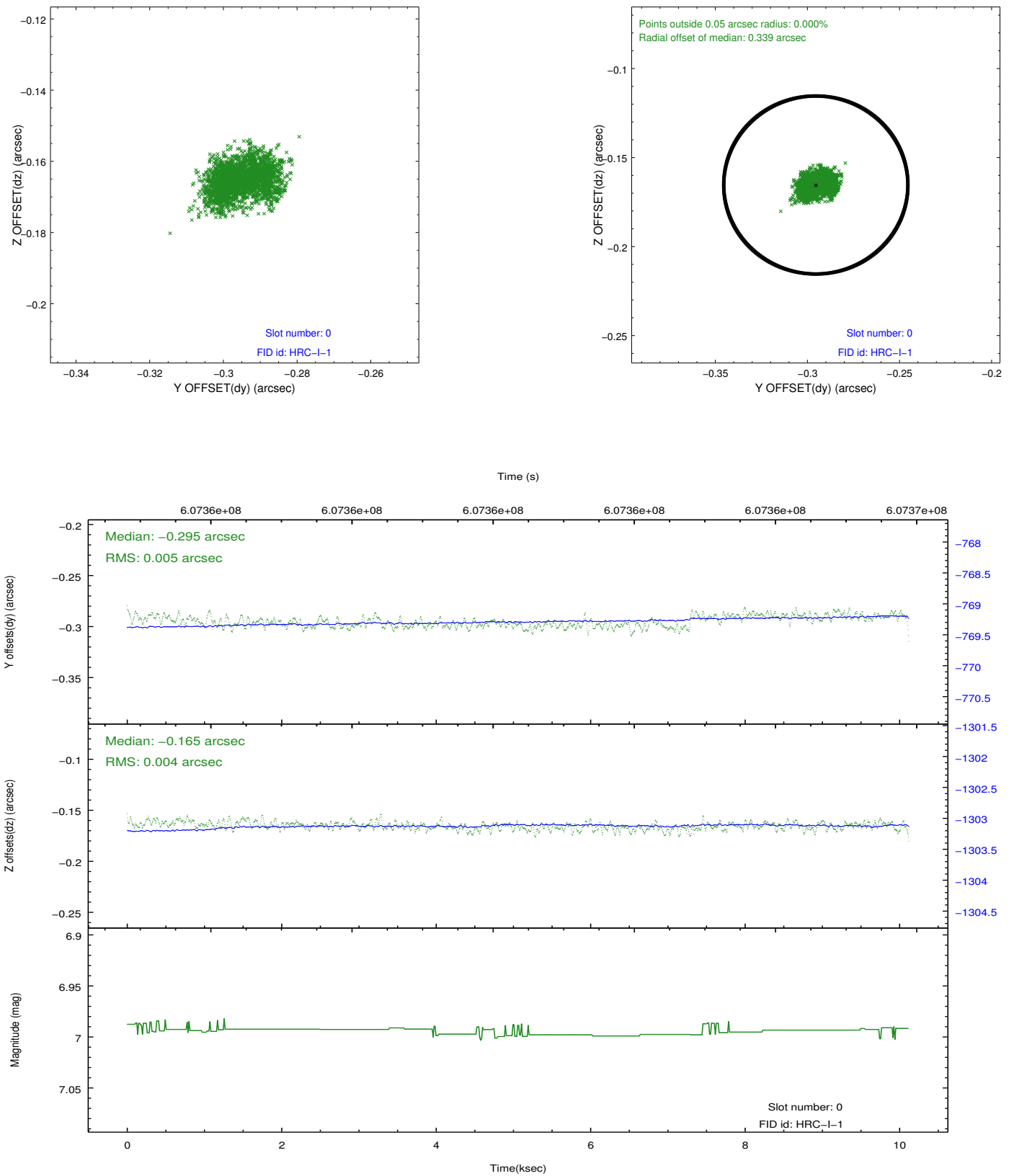


2.4.5 Slot 7

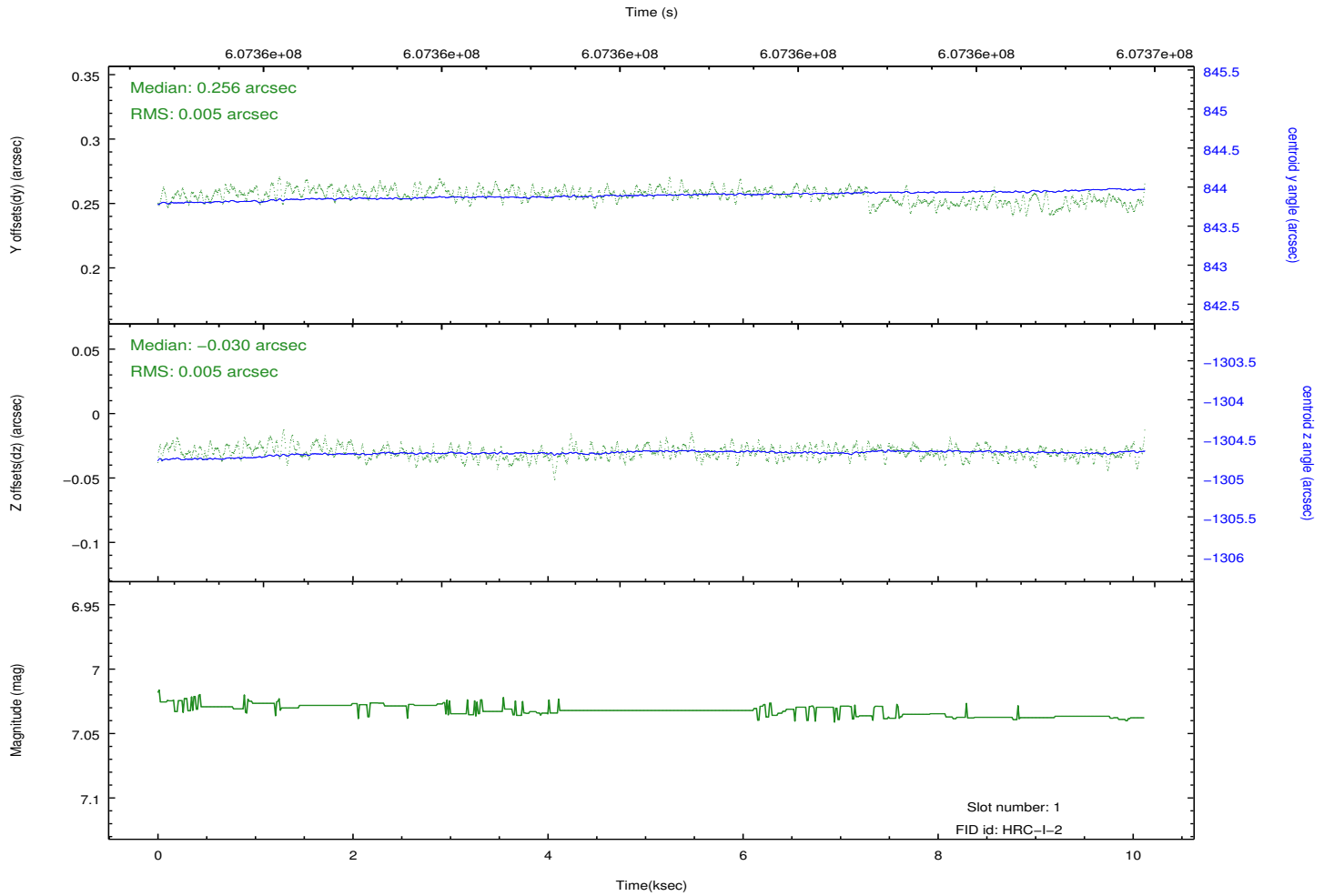
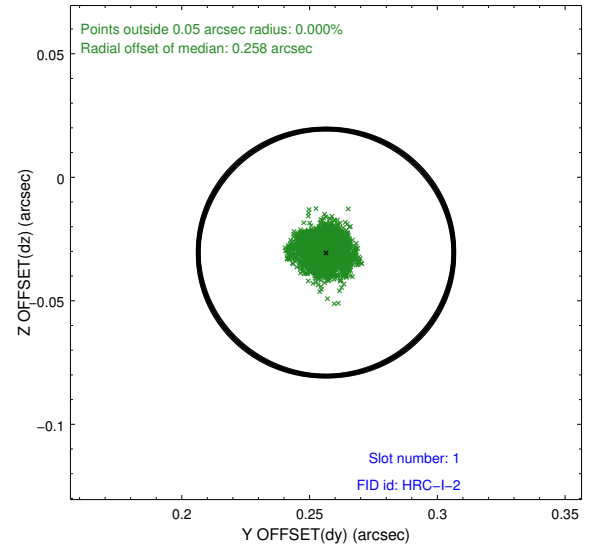
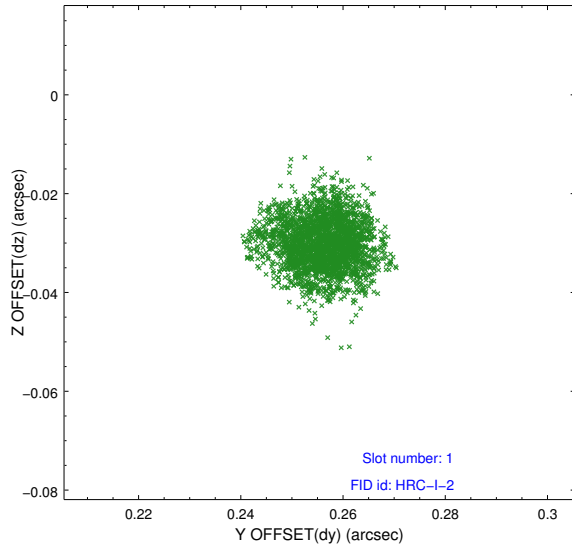


2.5 FID Slots

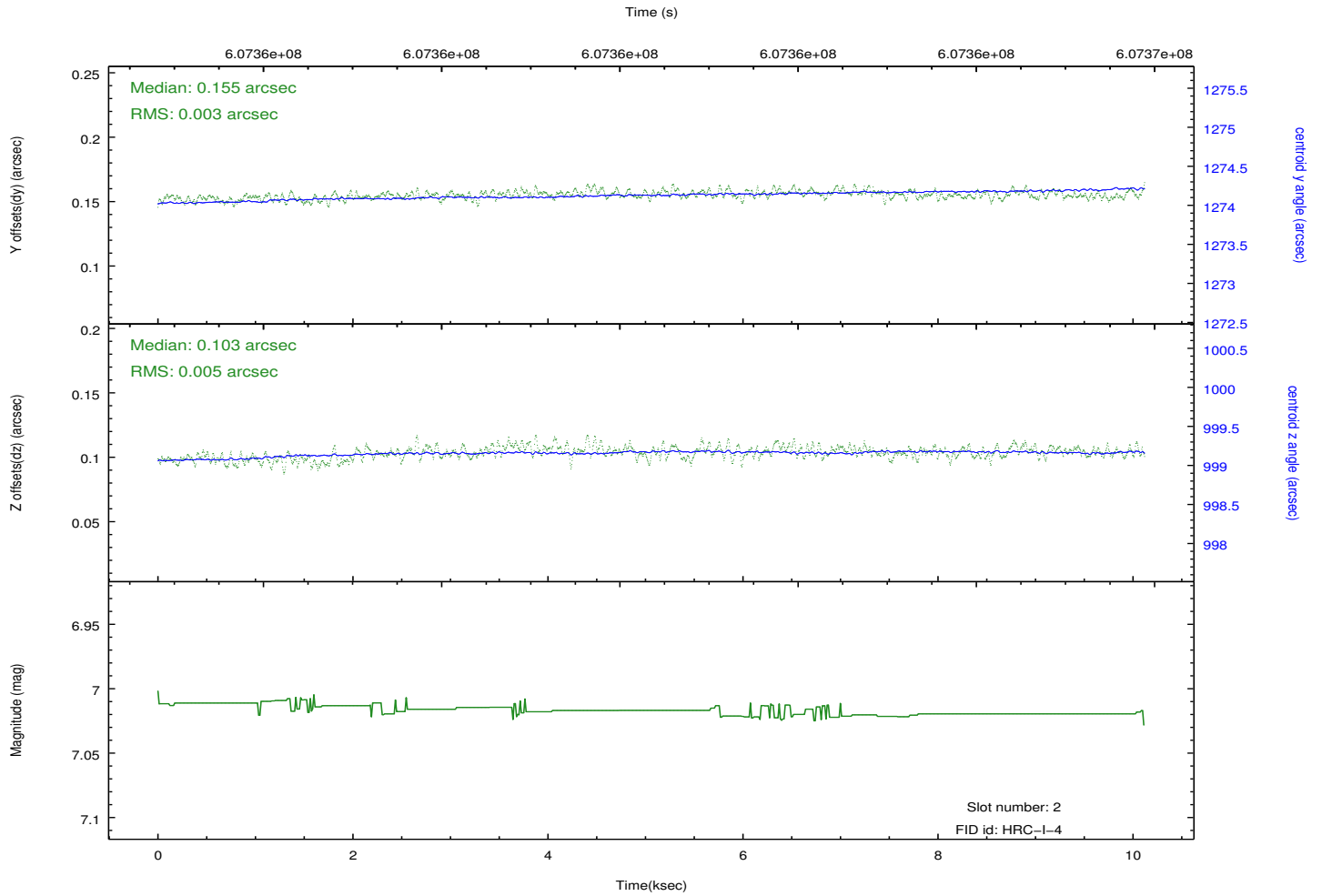
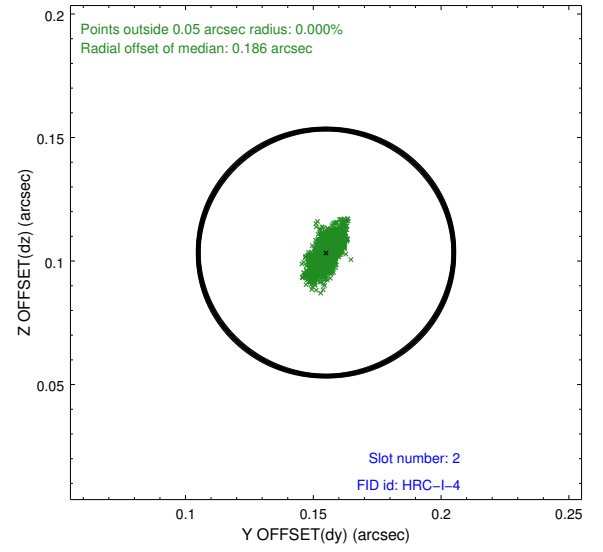
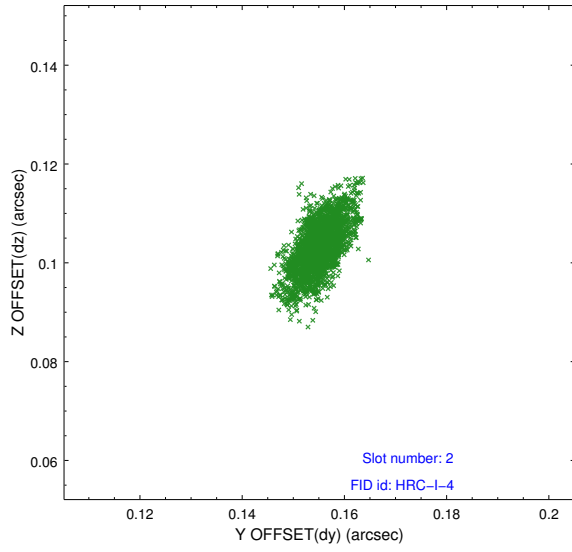
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2017.04.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.121875587225

A.2 Comments