

V&V Reference Report

L2 ASCDS Version : 10.6

Observation 18307 - L2 Version 1
Chandra X-Ray Center

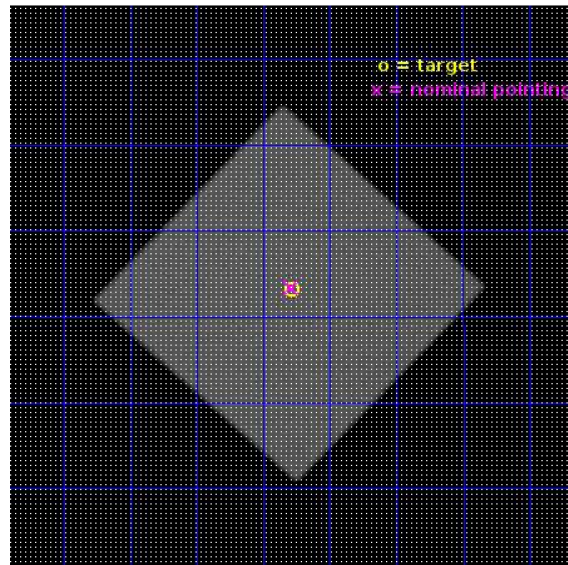
L2 Processing Date : Sep 18 2017

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1 Front

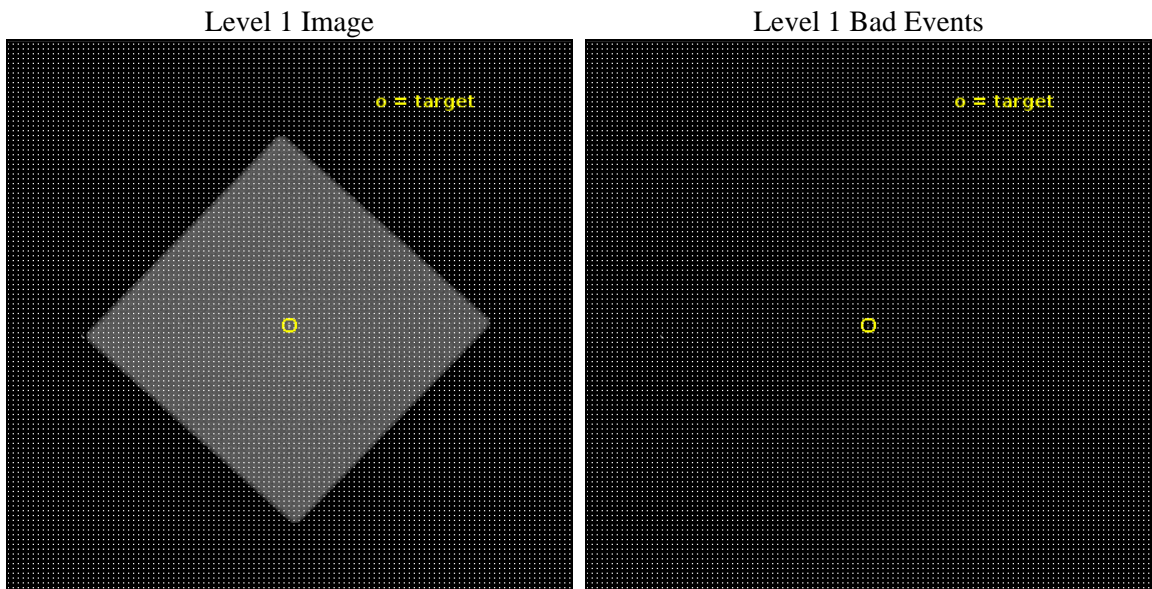
seq_num	201078	Sequence number
obs_id	18307	Observation id
title	Procyon: A New Candidate for the Dynamo Clinical Trial	Proposal ti
observer	Thomas Ayres	Principal investigator
object	PROCYON	Source name
ra_targ	114.822083	Observer's specified target RA [deg]
dec_targ	5.220111	Observer's specified target Dec [deg]
ra_nom	114.82227111791	Nominal RA [deg]
dec_nom	5.2230778666028	Nominal Dec [deg]
roll_nom	87.904502611875	Nominal Roll [deg]
revision	1	Processing version of data
ontime	10119.825591326	[s]
livetime	9951.7614112379	Ontime multiplied by DTCOR
l2events	1091227	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	10000.000000	[s] Scheduled observation exposure time
ascdsver	10.6	Processing system revision	ontime	10119.825591326	[s]
caldsver	4.7.6	 	l1events	1611199	Number of level 1 events
date	2017-09-18T03:55:28	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

Level 1 Events

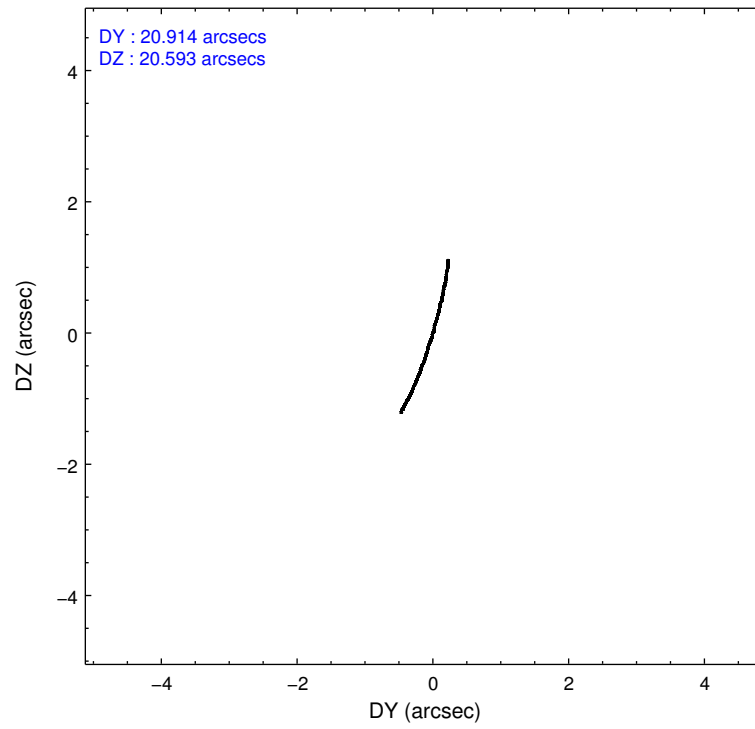
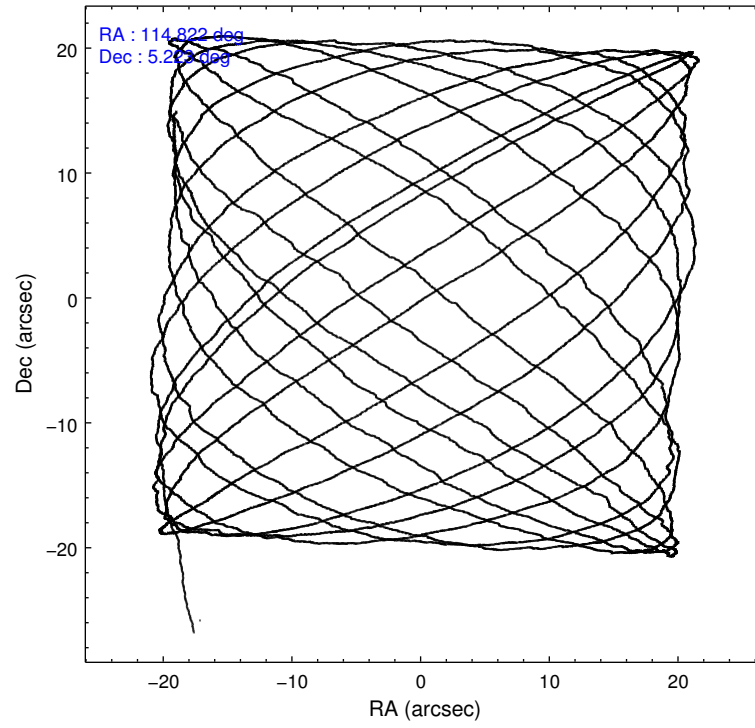
	segment 0
level 1 events	1611199
rejected events	179661
rejected %	11%

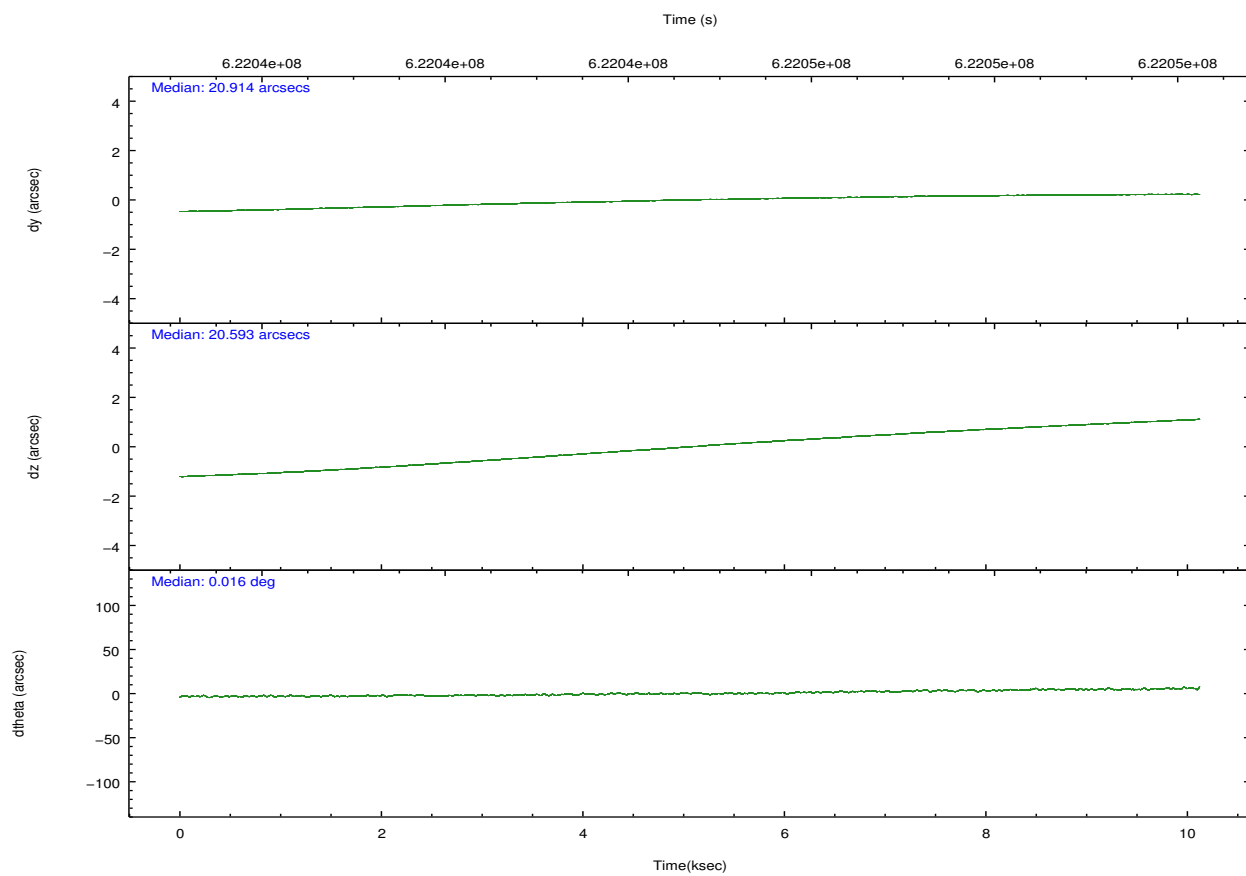
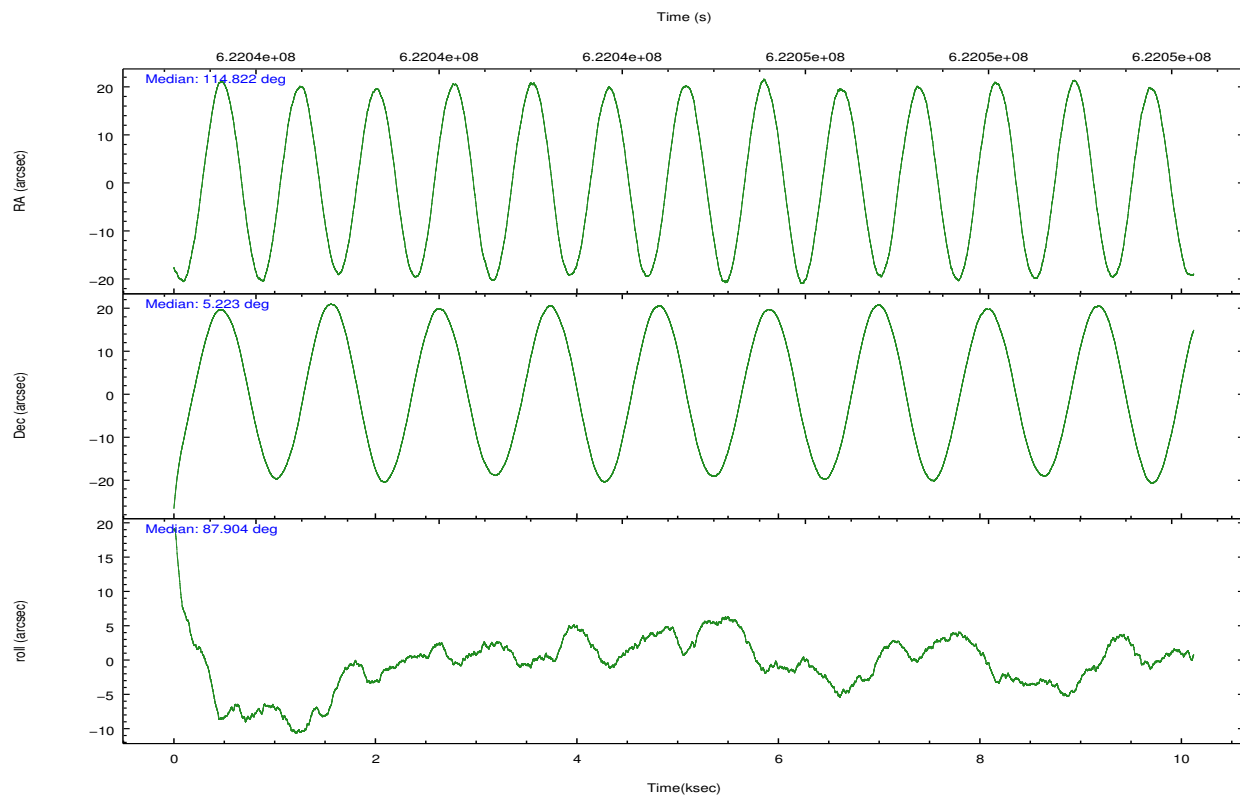
2.2 Compared Parameters

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	114.835720	114.822271117912
[deg] Pointing Dec	5.199265	5.223077866602814
[deg] Pointing Roll	87.998759	87.90450261187543
[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)	622039707.184000	622038326.07991
Observation start date	2017-09-17T12:47:18	2017-09-17T12:25:26
[s] Observation end time (MET)	622049707.184000	622050487.7056201
Observation end date	2017-09-17T15:33:58	2017-09-17T15:48:07

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

2.3 Aspect



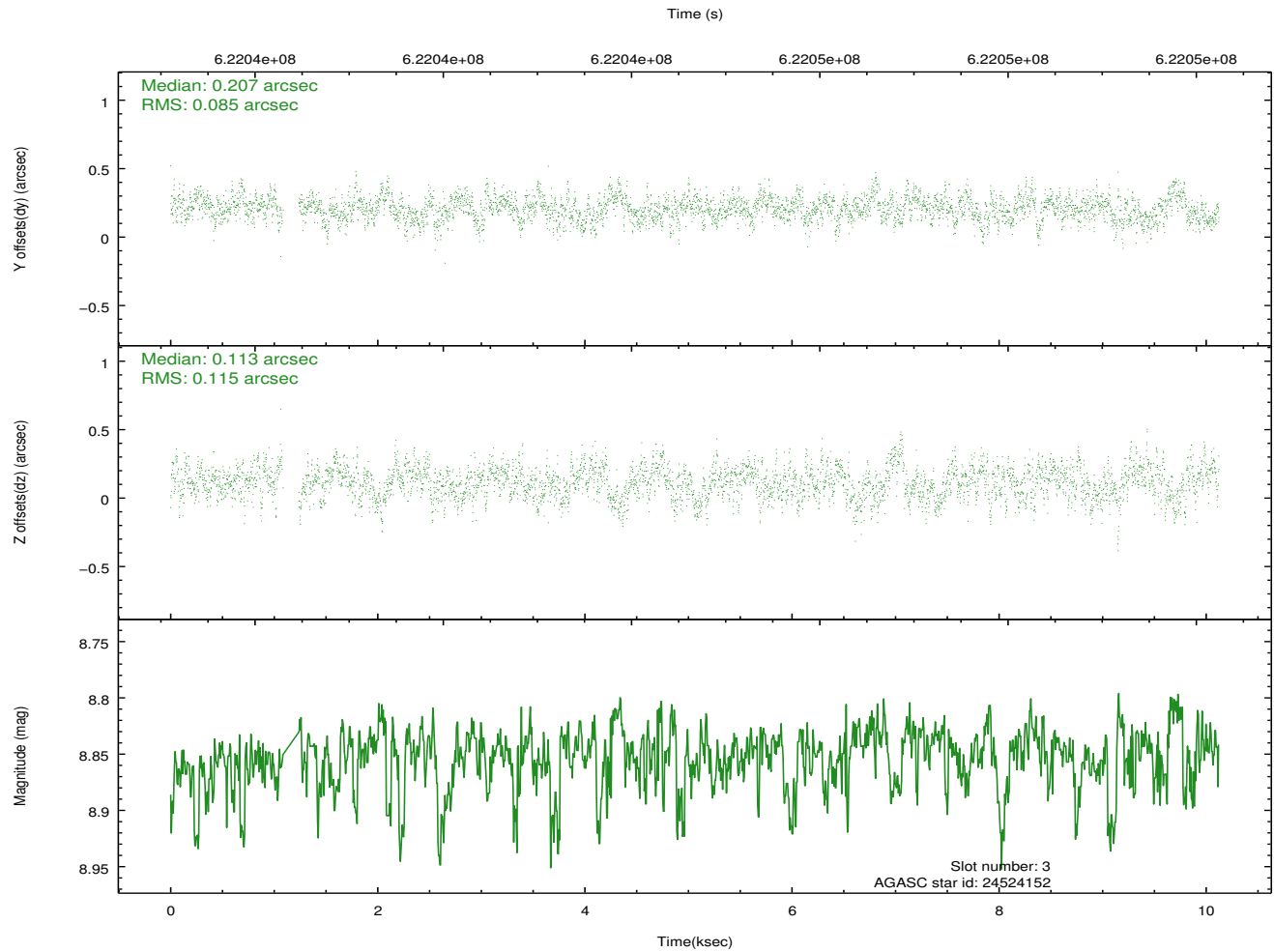
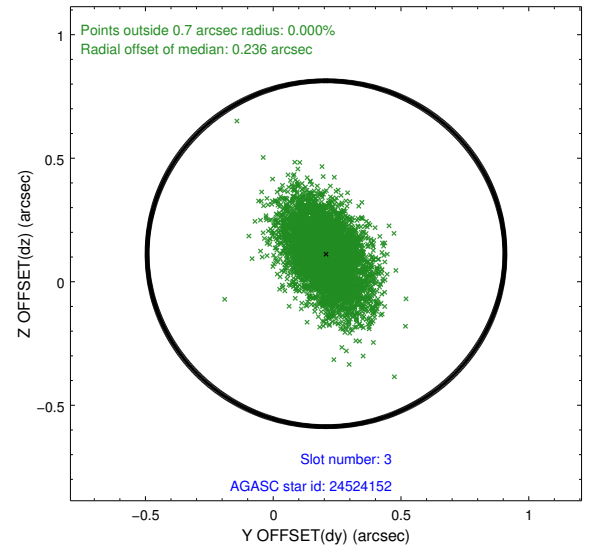
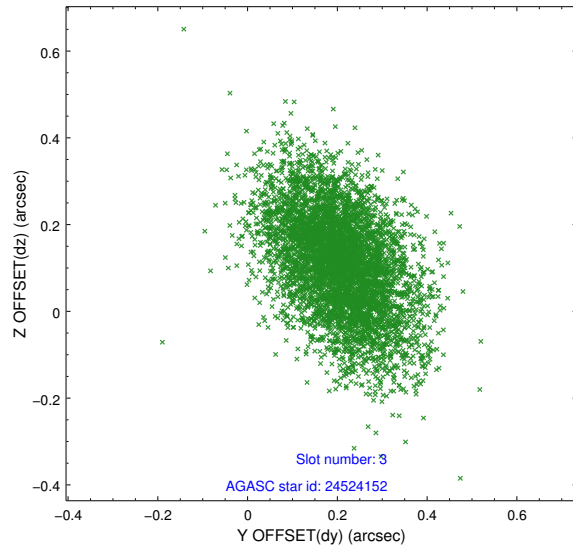


Slot Statistics

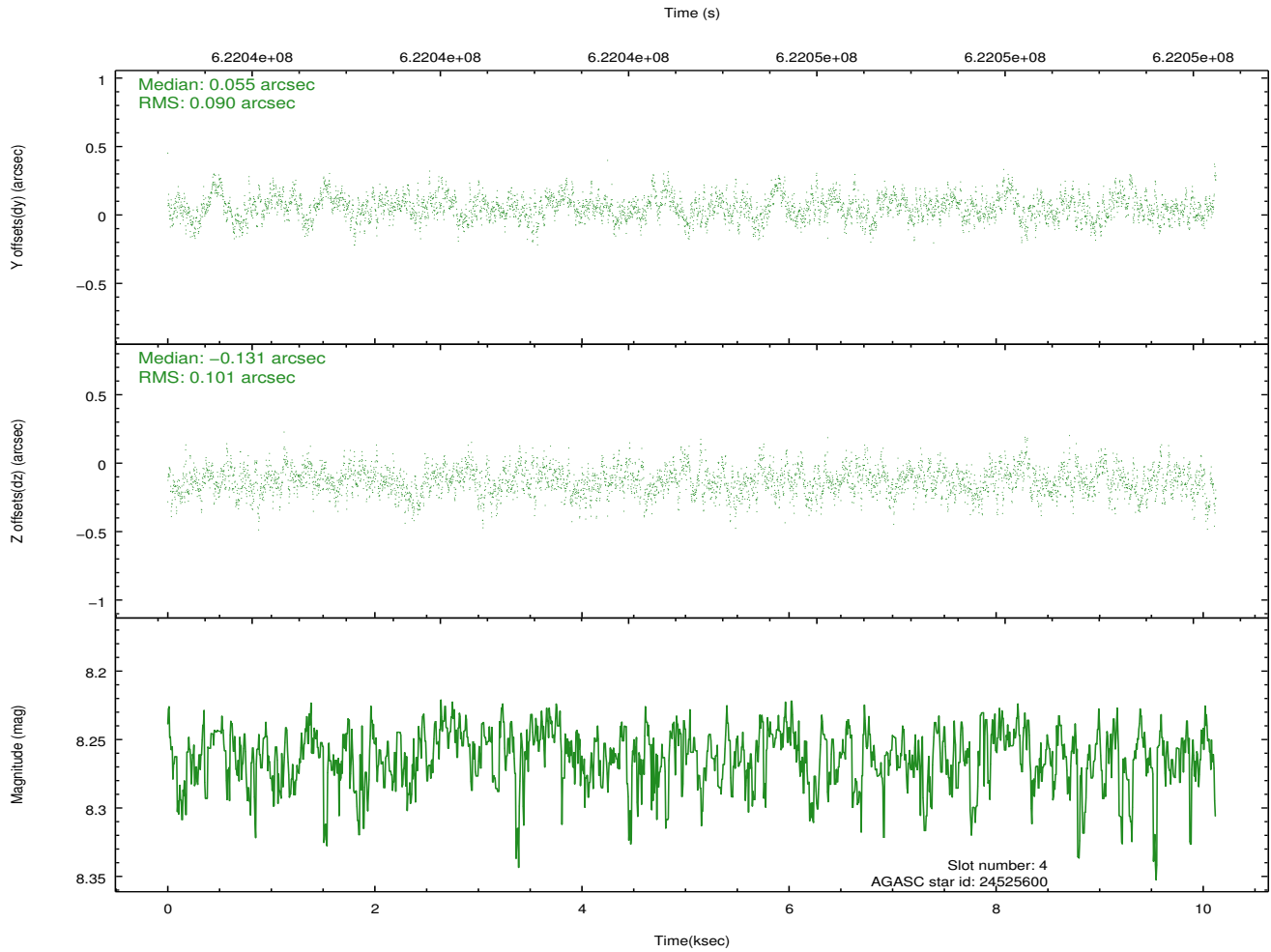
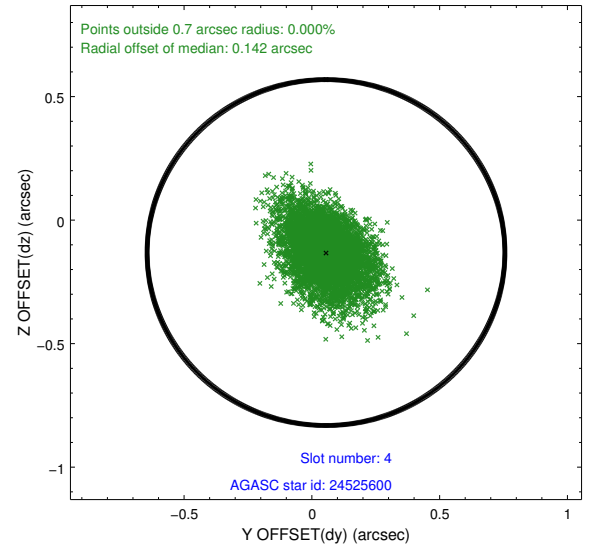
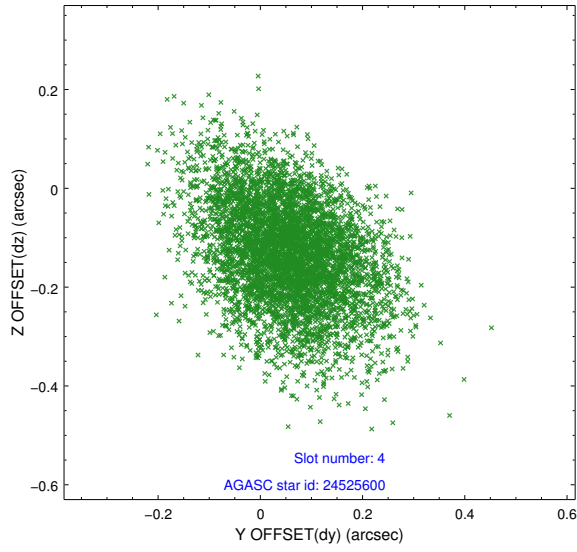
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		HRC-I-1	7.04	2469	-0.321	-0.251	0.015	0.030	0.000000	0.000000	-777.32	-1308.94
1	FID		HRC-I-2	7.06	2469	0.209	-0.038	0.024	0.034	0.000000	0.000000	835.52	-1311.04
2	FID		HRC-I-4	7.05	2469	0.230	0.193	0.016	0.027	0.000000	0.000000	1266.65	992.87
3	GUIDE	used	24524152	8.85	4862	0.207	0.113	0.150	0.253	114.664080	4.647473	-2006.26	546.01
4	GUIDE	used	24525600	8.26	4939	0.055	-0.131	0.142	0.239	114.573999	4.942945	-954.74	905.87
5	GUIDE	used	25039776	8.62	4935	-0.136	0.214	0.140	0.238	115.184333	5.805632	2225.68	-1171.22
6	GUIDE	used	24510664	8.24	4936	-0.405	-0.523	0.134	0.233	114.507675	5.586603	1350.67	1226.04
7	GUIDE	used	24522960	7.80	4937	0.280	0.337	0.136	0.230	115.195385	5.000625	-668.28	-1313.48

2.4 Star Slots

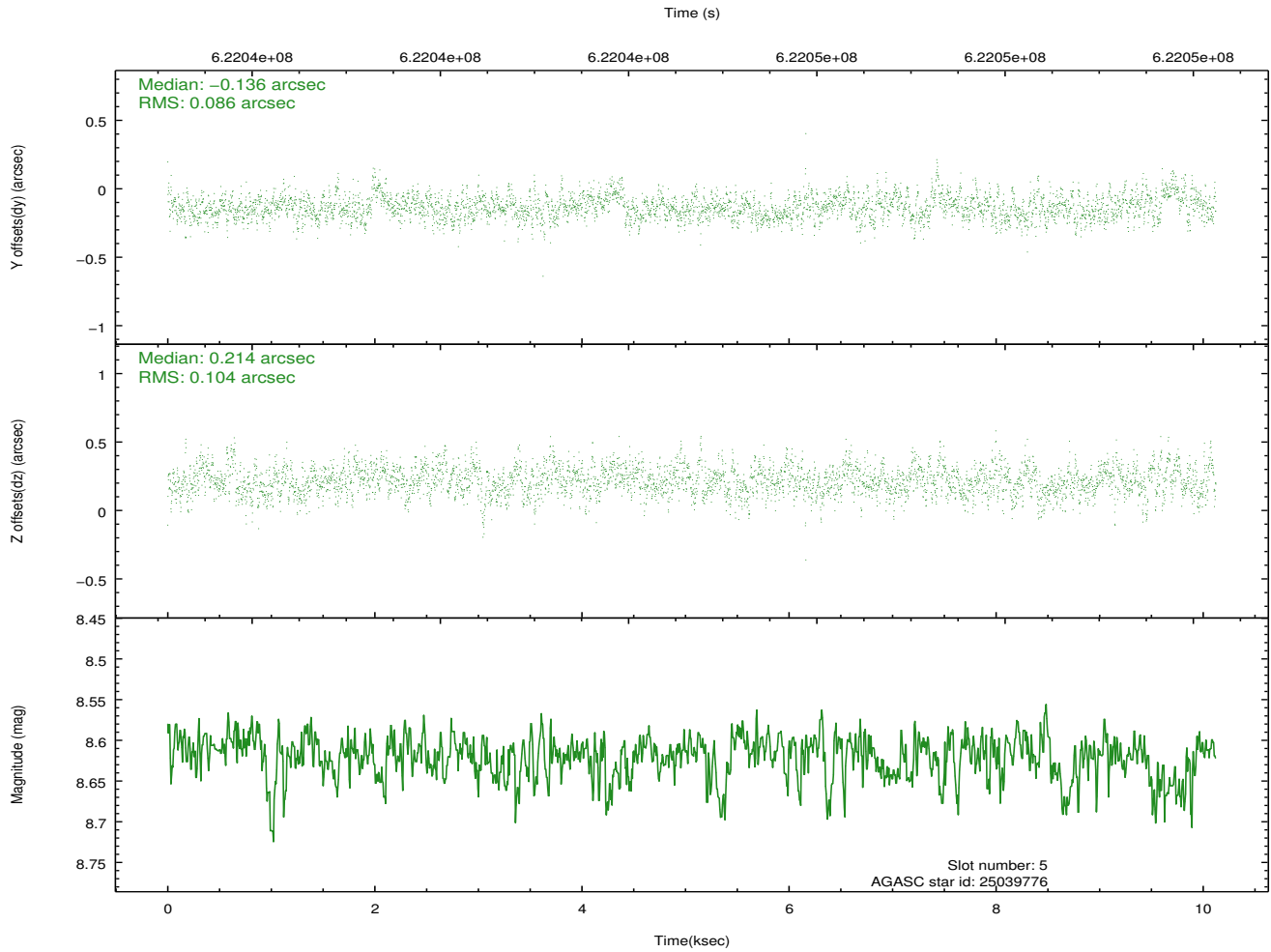
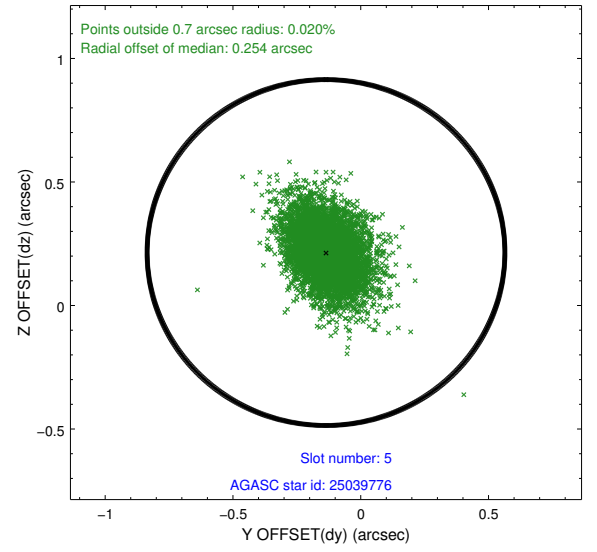
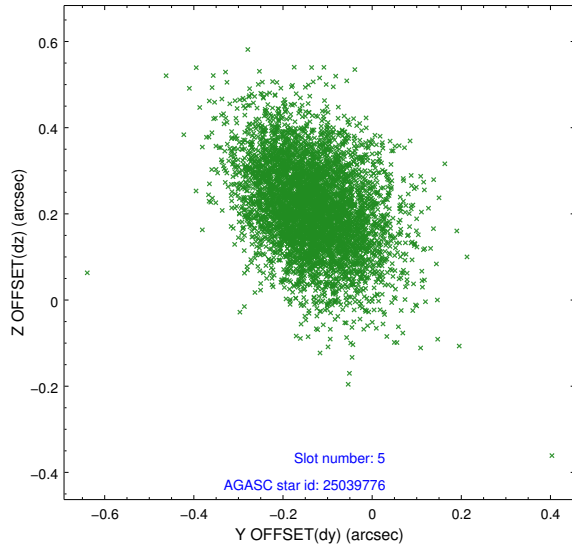
2.4.1 Slot 3



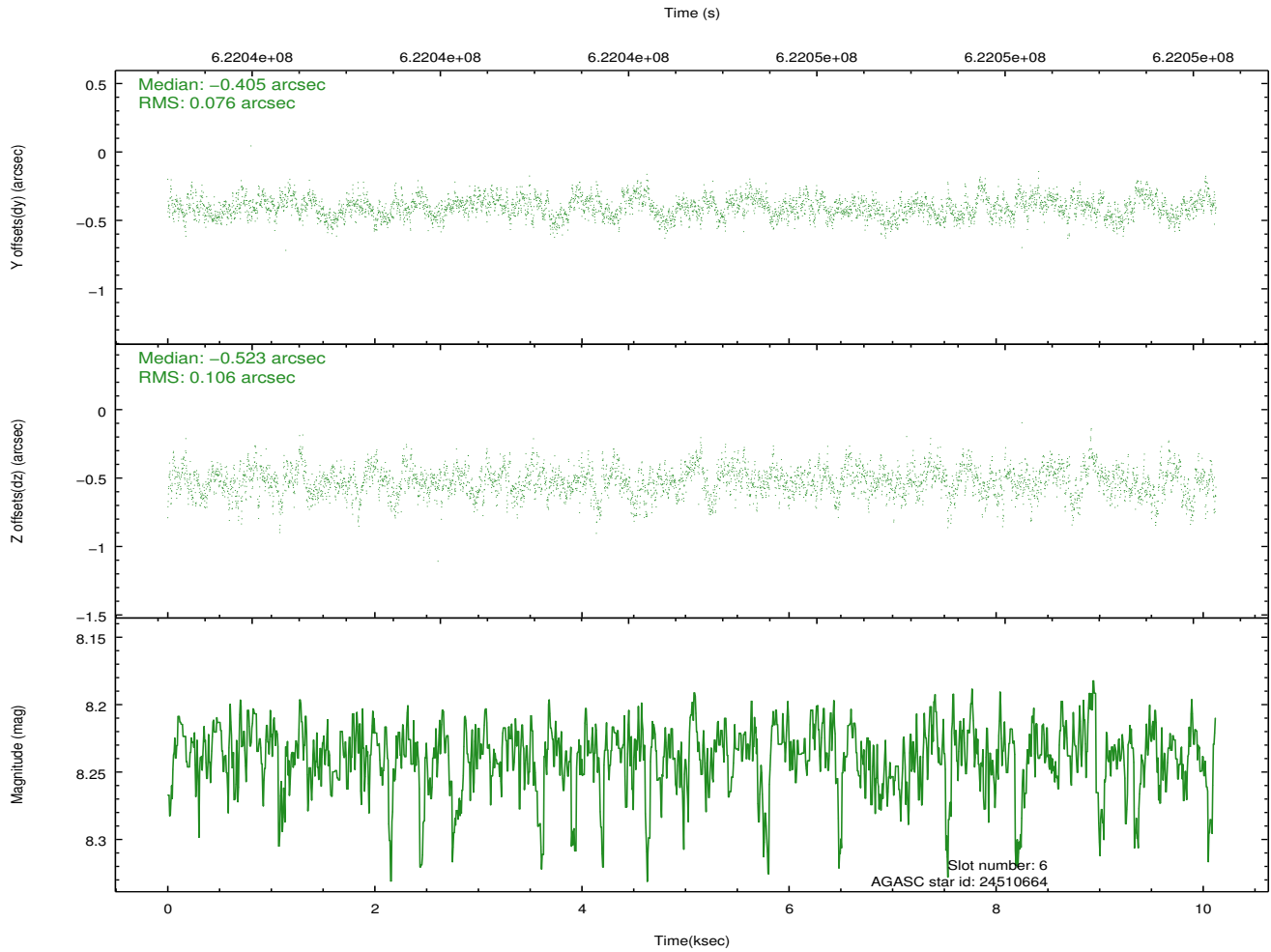
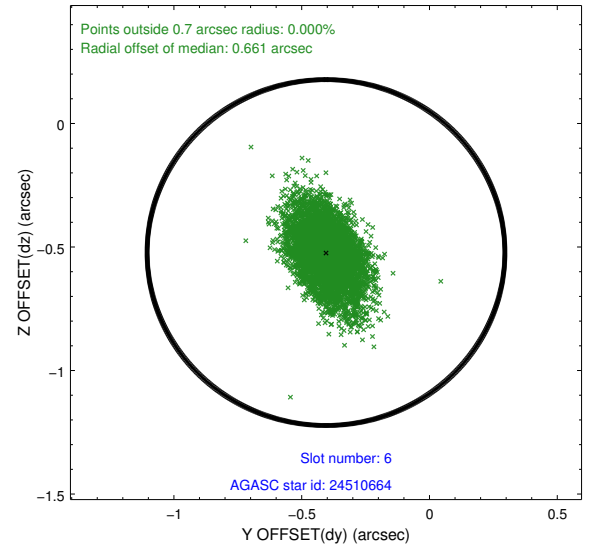
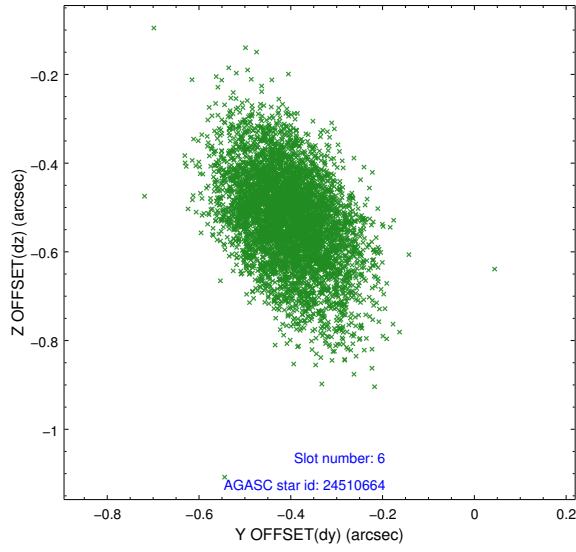
2.4.2 Slot 4



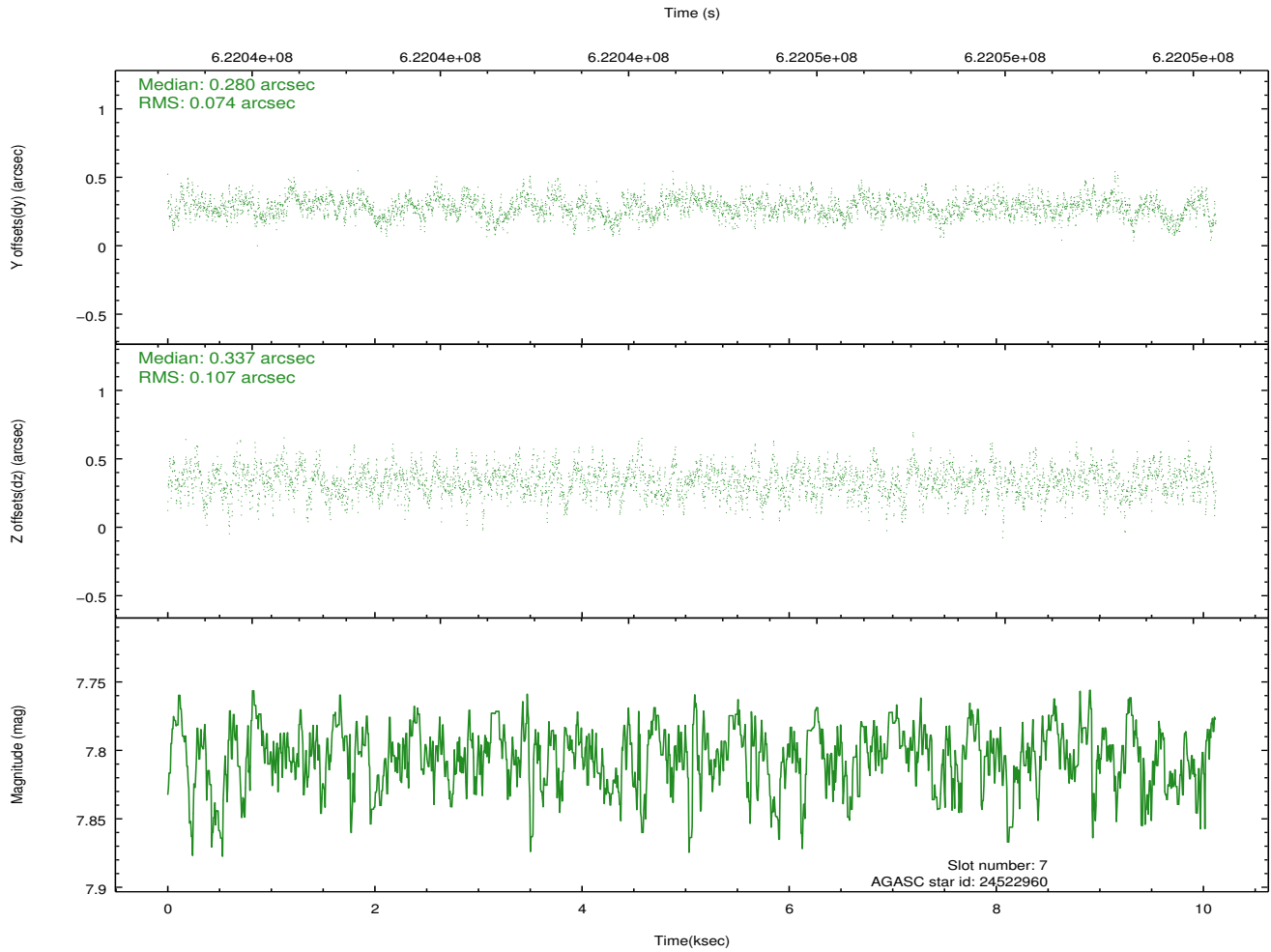
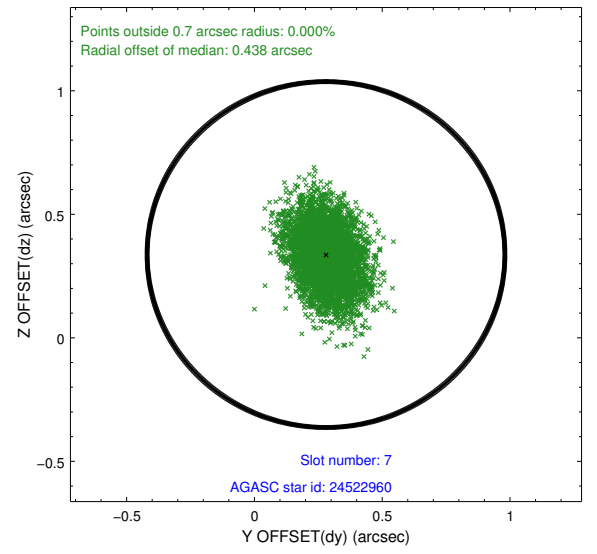
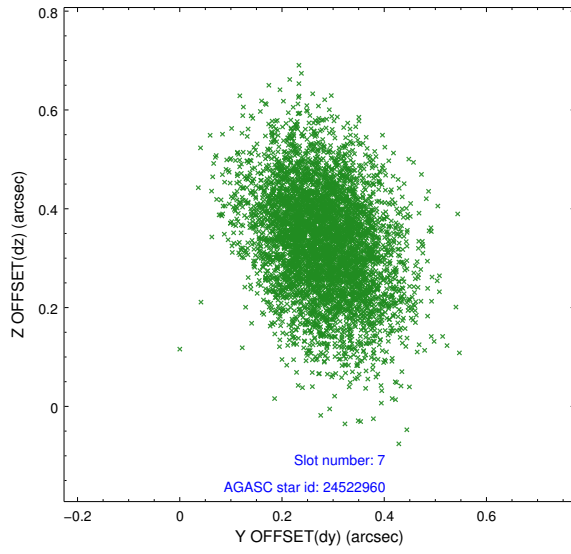
2.4.3 Slot 5



2.4.4 Slot 6

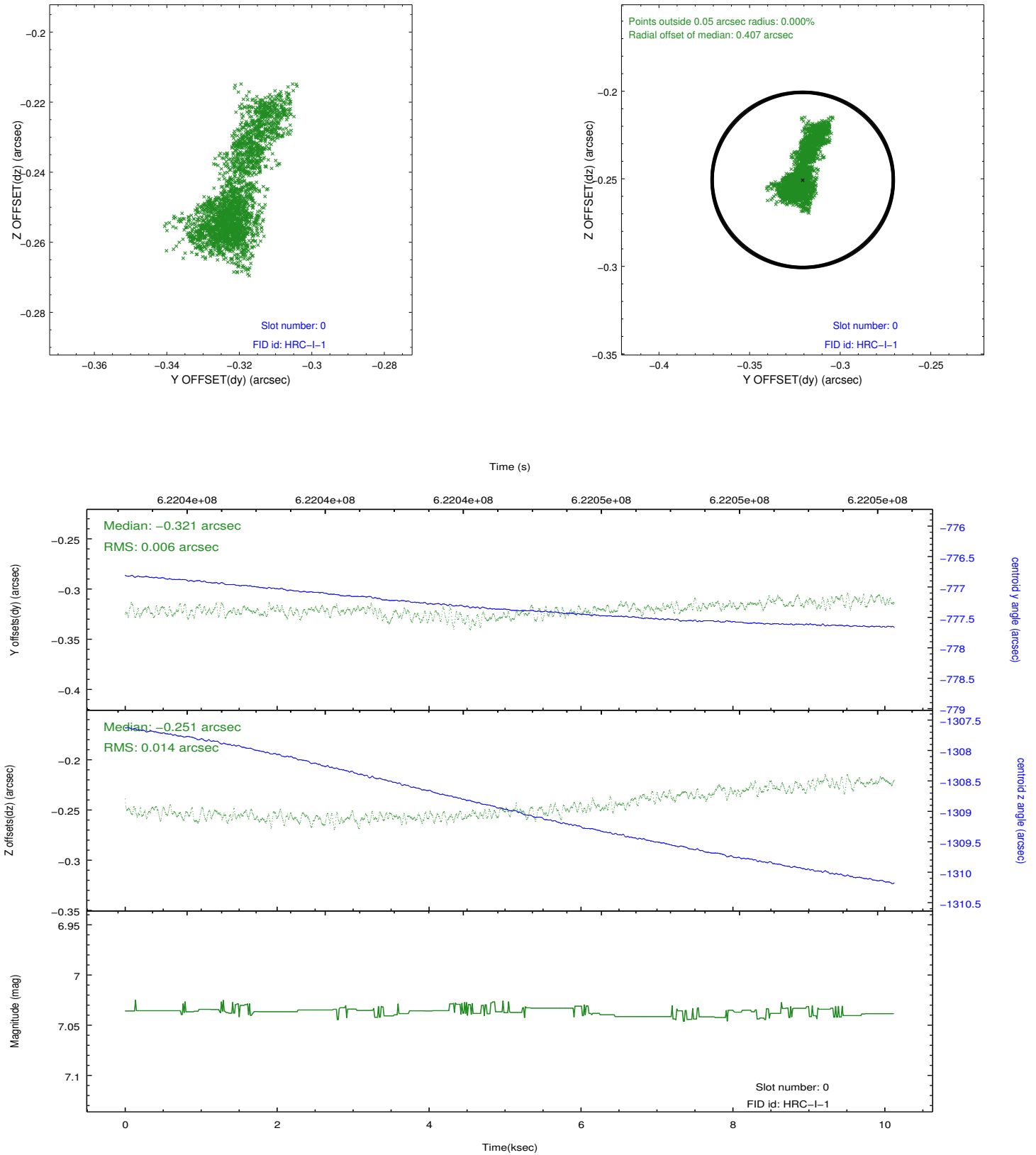


2.4.5 Slot 7

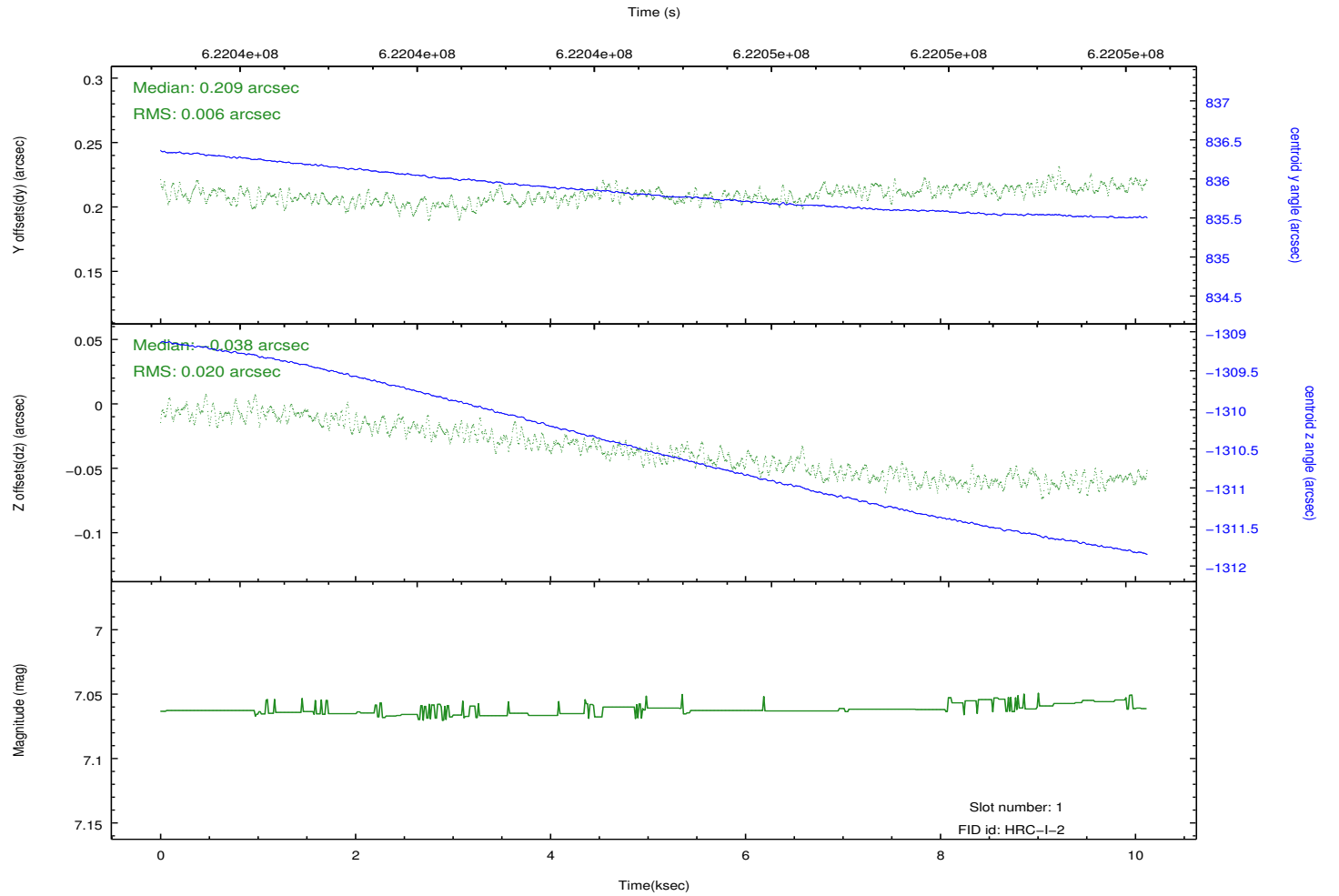
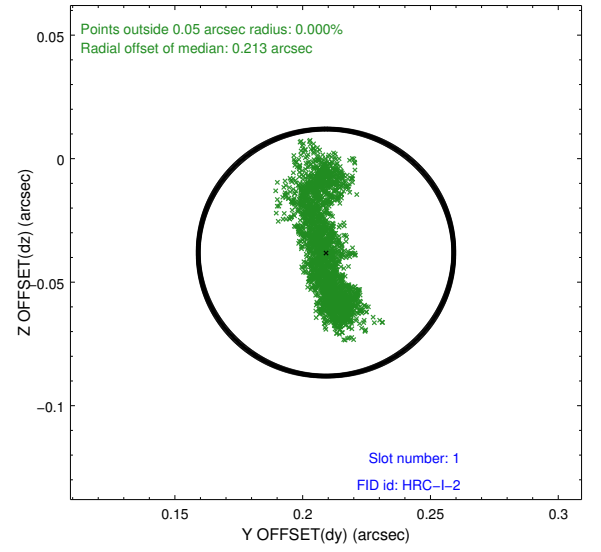
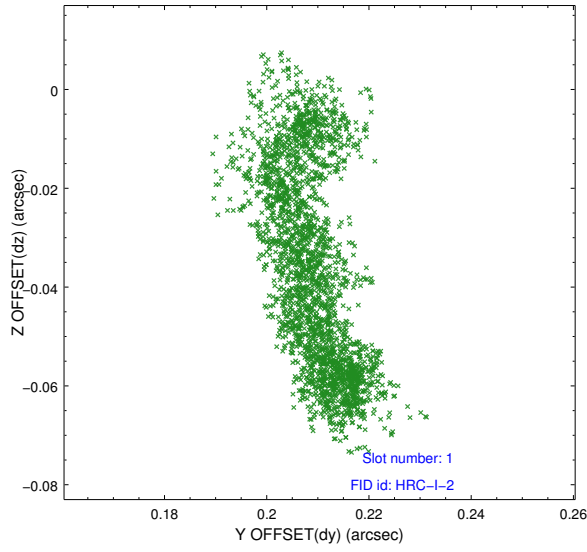


2.5 FID Slots

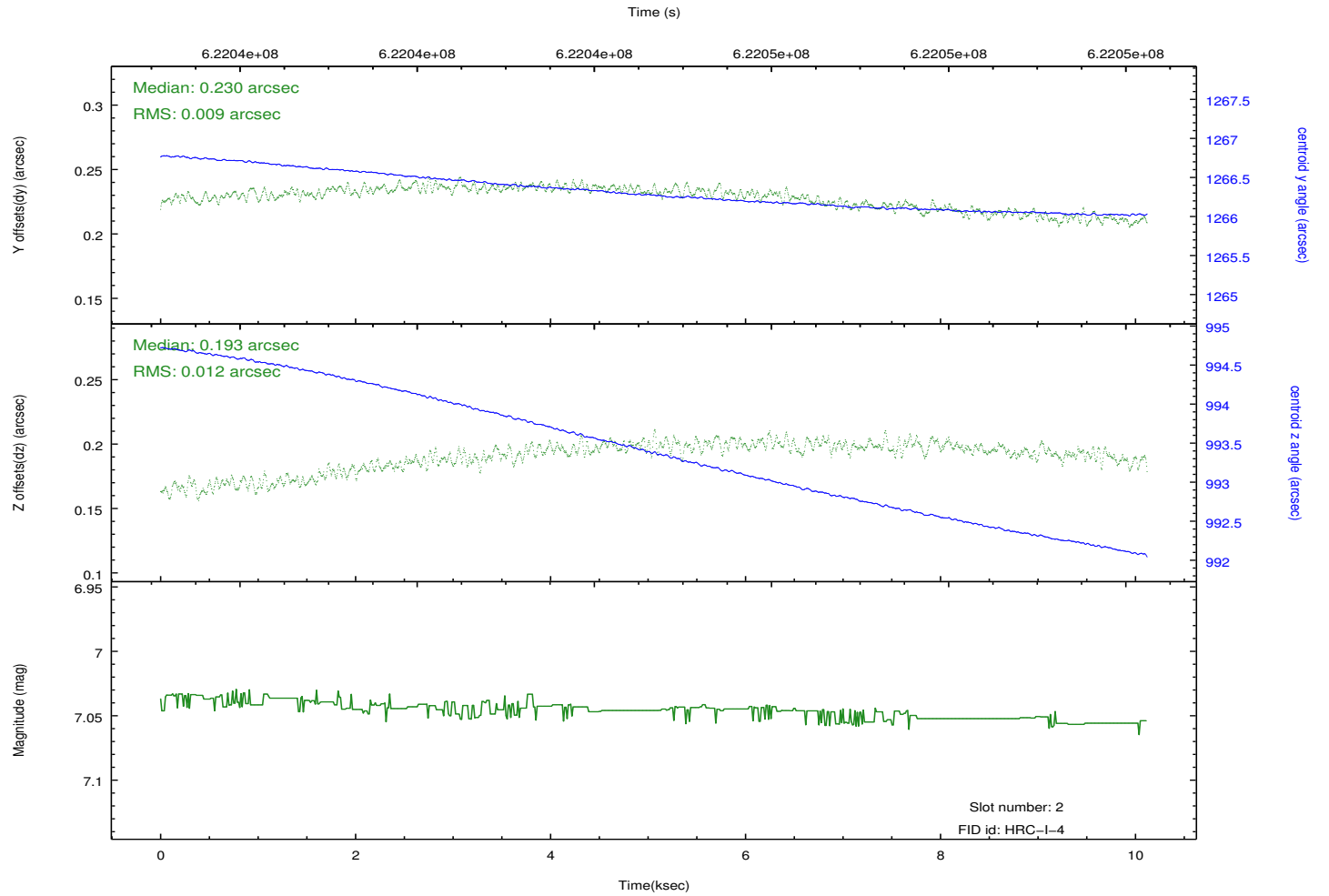
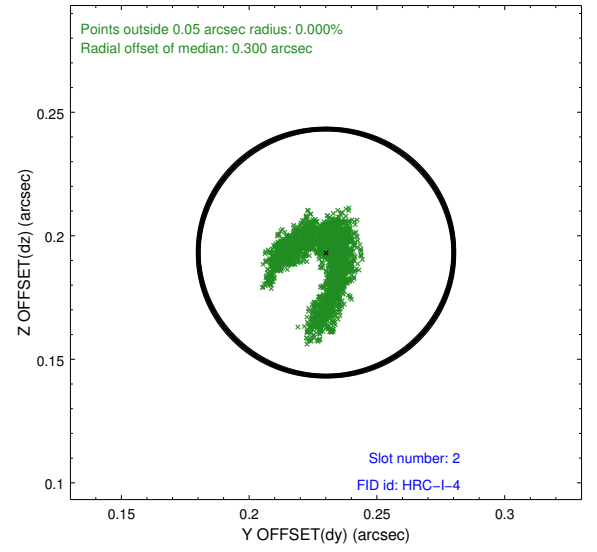
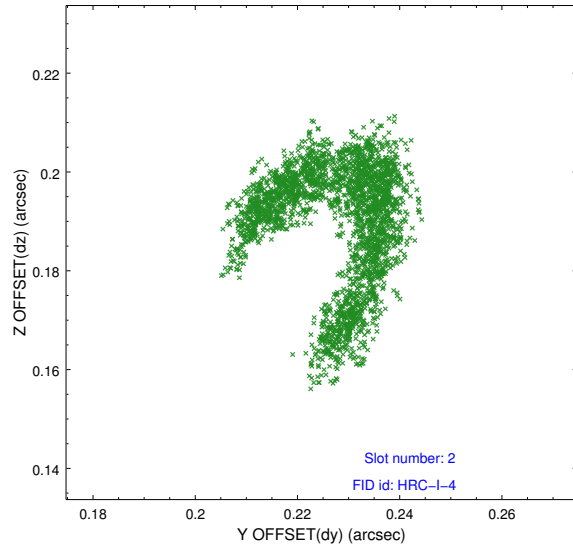
2.5.1 Slot 0



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)	2017.09.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.119825591326

A.2 Comments

Joint proposal with HST.