

V&V Reference Report

L2 ASCDS Version : 10.5.2

Observation 18306 - L2 Version 1
Chandra X-Ray Center

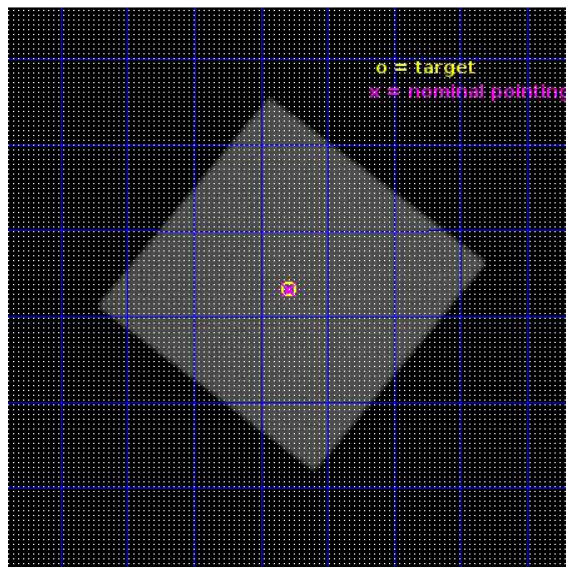
L2 Processing Date : Apr 3 2017

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1 Front

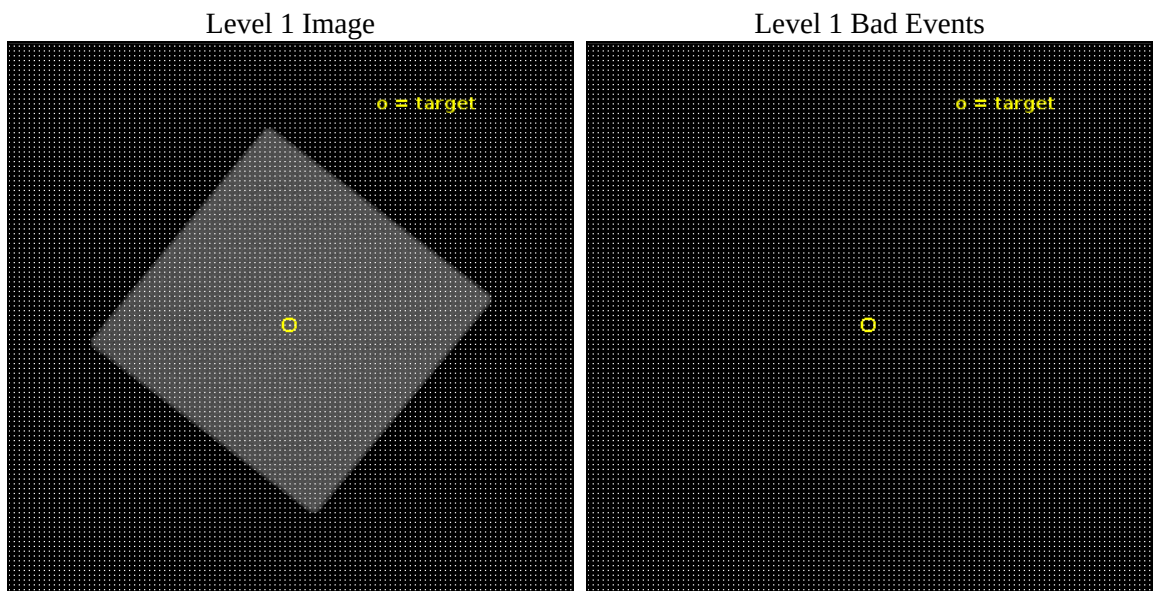
seq_num	201077	Sequence number
obs_id	18306	Observation id
title	Procyon: A New Candidate for the Dynamo Clinical Trial	Proposal ti
observer	Thomas Ayres	Principal investigator
object	PROCYON	Source name
ra_targ	114.822083	Observer's specified target RA [deg]
dec_targ	5.220111	Observer's specified target Dec [deg]
ra_nom	114.82107665865	Nominal RA [deg]
dec_nom	5.2185595290112	Nominal Dec [deg]
roll_nom	263.40708845926	Nominal Roll [deg]
revision	1	Processing version of data
ontime	10154.931839466	[s]
livetime	10027.265092981	Ontime multiplied by DTCOR
l2events	1088971	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	10.5.2	Processing system revision	ontime	10154.931839466	[s]
caldbver	4.7.3	 	l1events	1544894	Number of level 1 events
date	2017-04-03T16:53:31	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

Level 1 Events

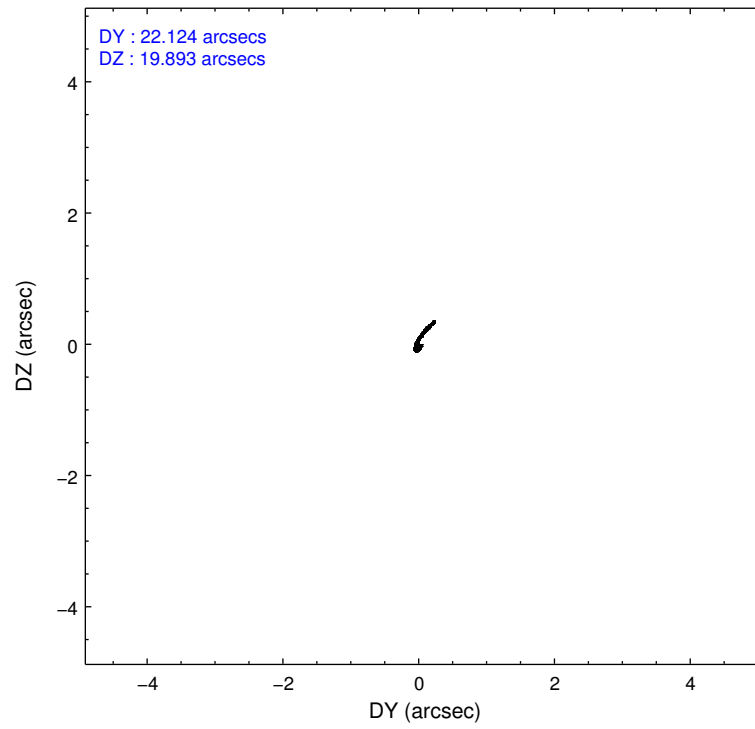
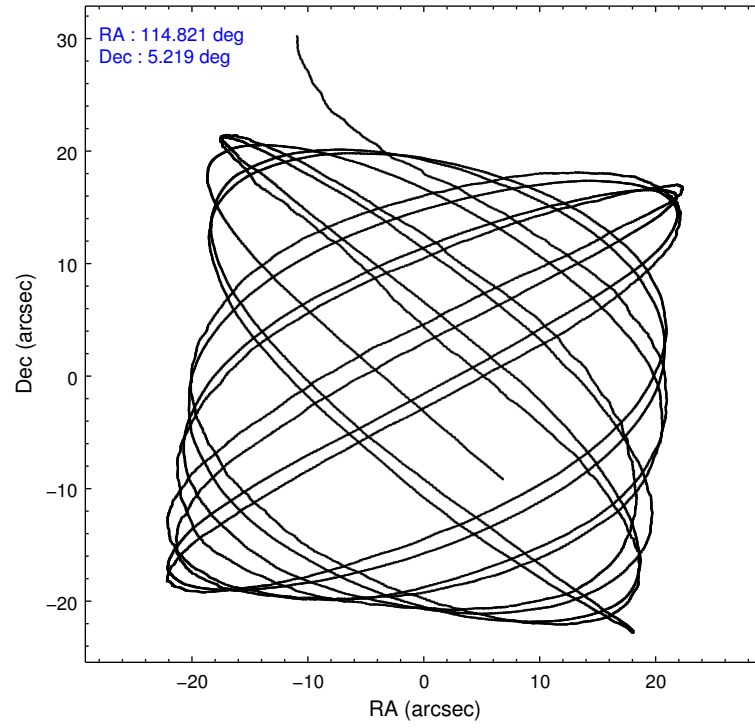
	segment 0
level 1 events	1544894
rejected events	110174
rejected %	7%

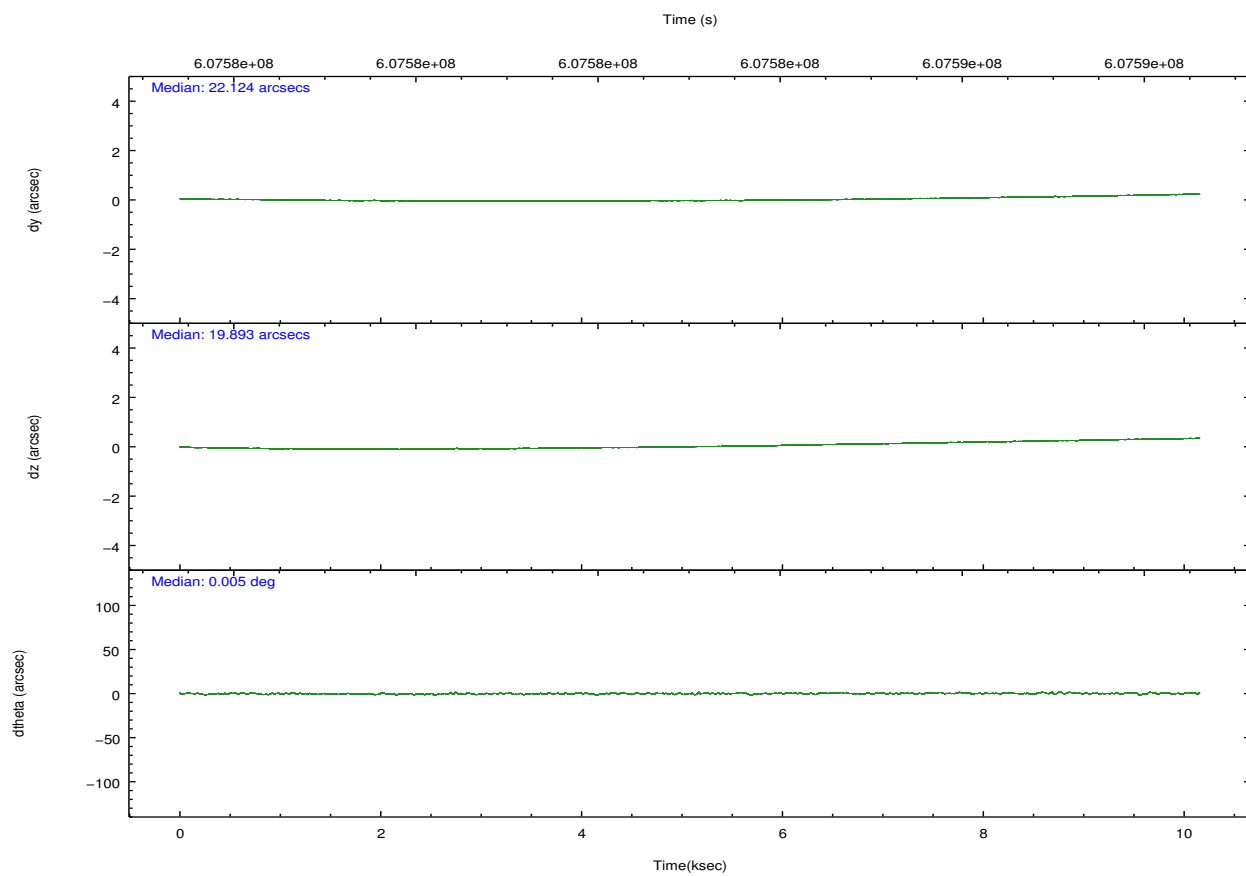
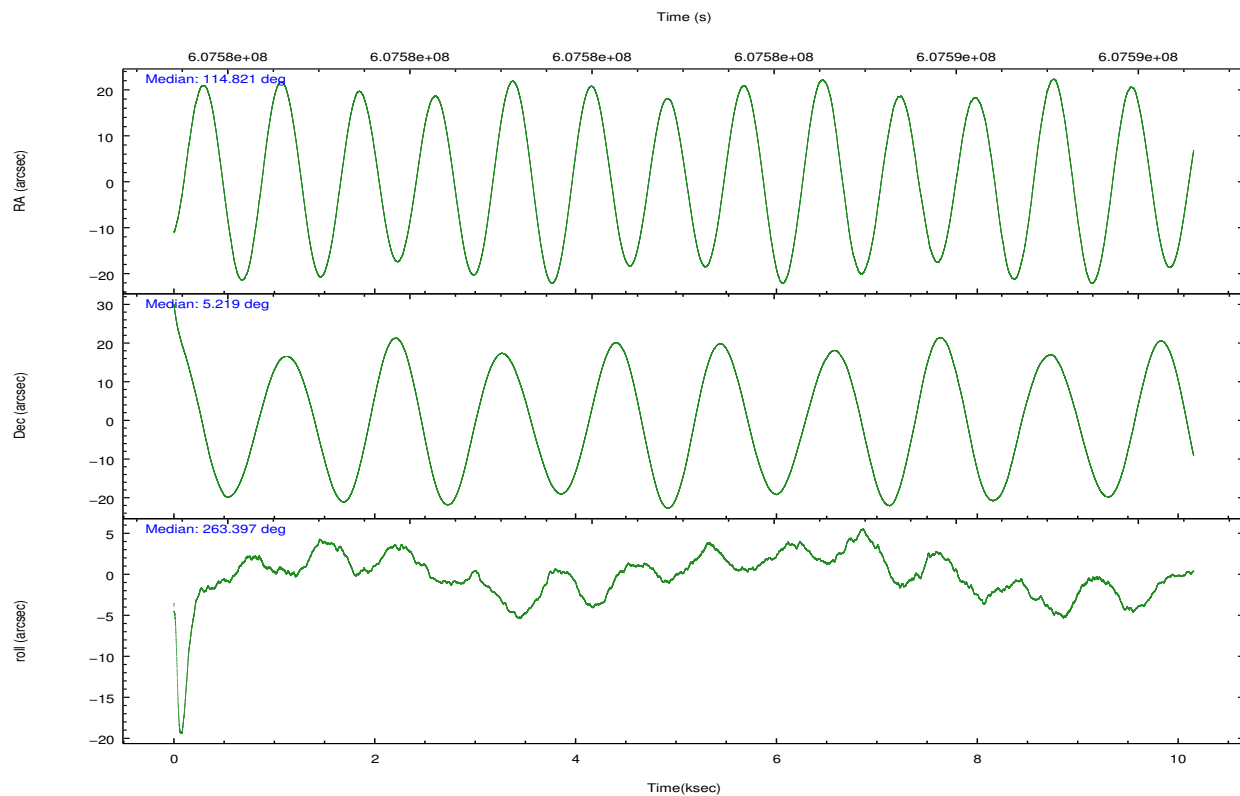
2.2 Compared Parameters

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	114.809626	114.82107665865
[deg] Pointing Dec	5.243260	5.218559529011207
[deg] Pointing Roll	263.503613	263.4070884592564
[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)	607578081.184000	607577189.0997699
Observation start date	2017-04-03T03:40:12	2017-04-03T03:26:29
[s] Observation end time (MET)	607588081.184000	607588859.75045
Observation end date	2017-04-03T06:26:52	2017-04-03T06:40:59

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

2.3 Aspect



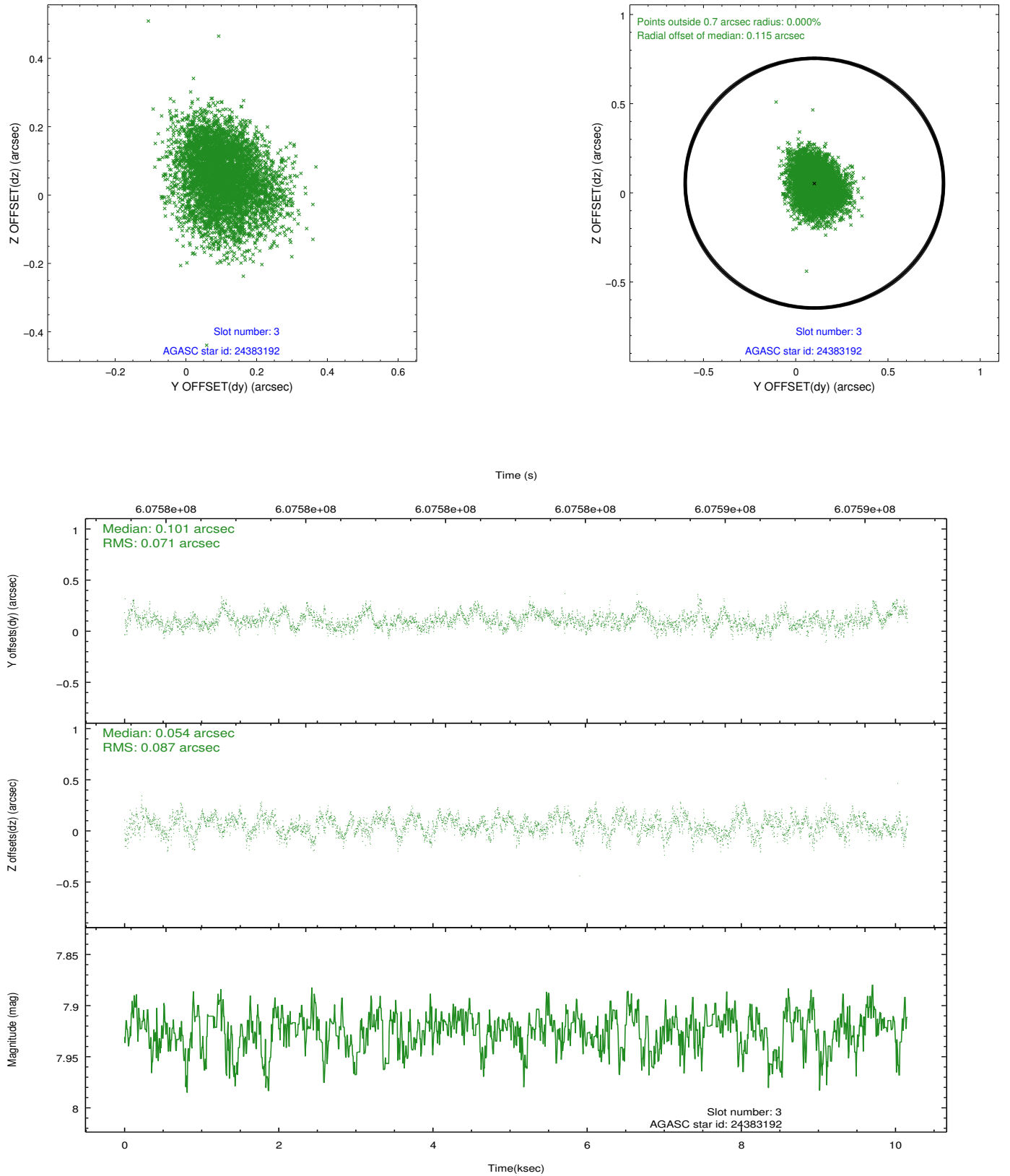


Slot Statistics

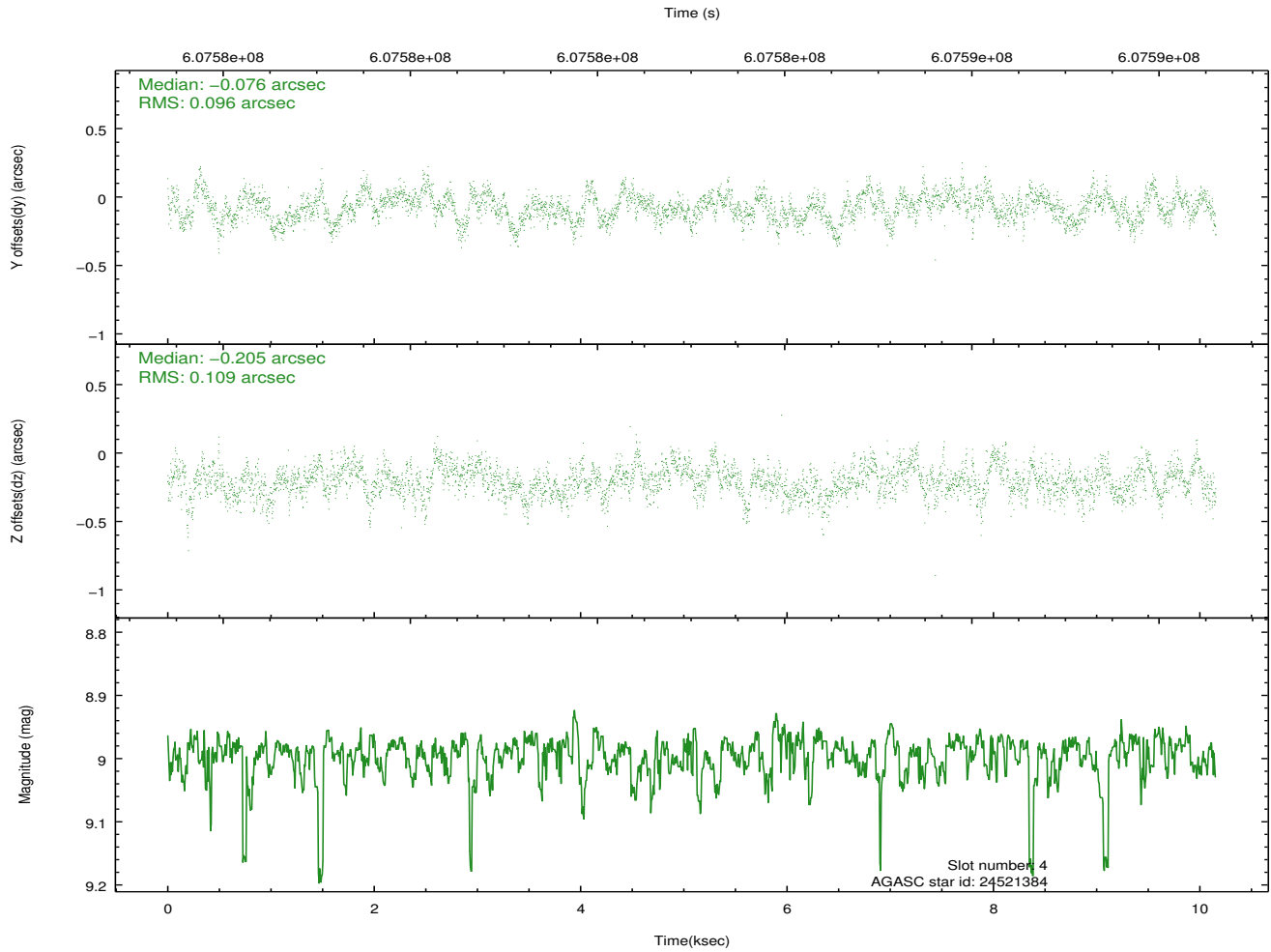
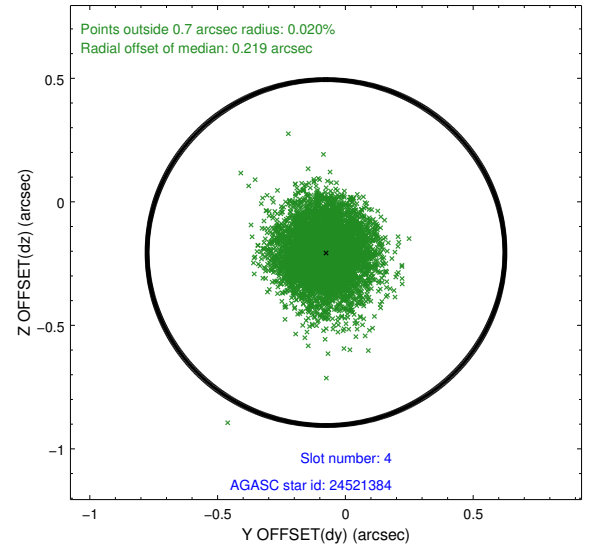
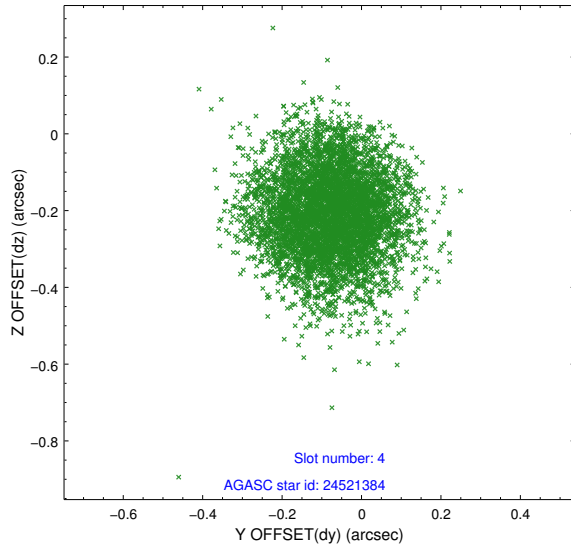
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		HRC-I-1	7.03	2477	-0.216	-0.021	0.008	0.013	0.000000	0.000000	-778.28	-1308.24
1	FID		HRC-I-2	7.06	2477	0.330	-0.071	0.008	0.013	0.000000	0.000000	834.59	-1310.29
2	FID		HRC-I-3	7.12	2477	0.005	0.003	0.008	0.015	0.000000	0.000000	-1206.35	995.79
3	GUIDE	used	24383192	7.92	4954	0.101	0.054	0.121	0.193	114.373279	5.211521	291.01	-1540.90
4	GUIDE	used	24521384	8.99	4948	-0.076	-0.205	0.155	0.242	115.392701	5.417327	-859.65	2005.22
5	GUIDE	used	24522920	7.89	4953	0.045	-0.189	0.111	0.180	114.615561	5.074592	682.57	-621.97
6	GUIDE	used	25039776	8.60	4953	-0.015	0.038	0.116	0.189	115.184333	5.805632	-2163.21	1104.35
7	GUIDE	used	24510904	8.51	4950	-0.059	0.309	0.122	0.199	115.291057	5.593366	-1448.26	1571.92

2.4 Star Slots

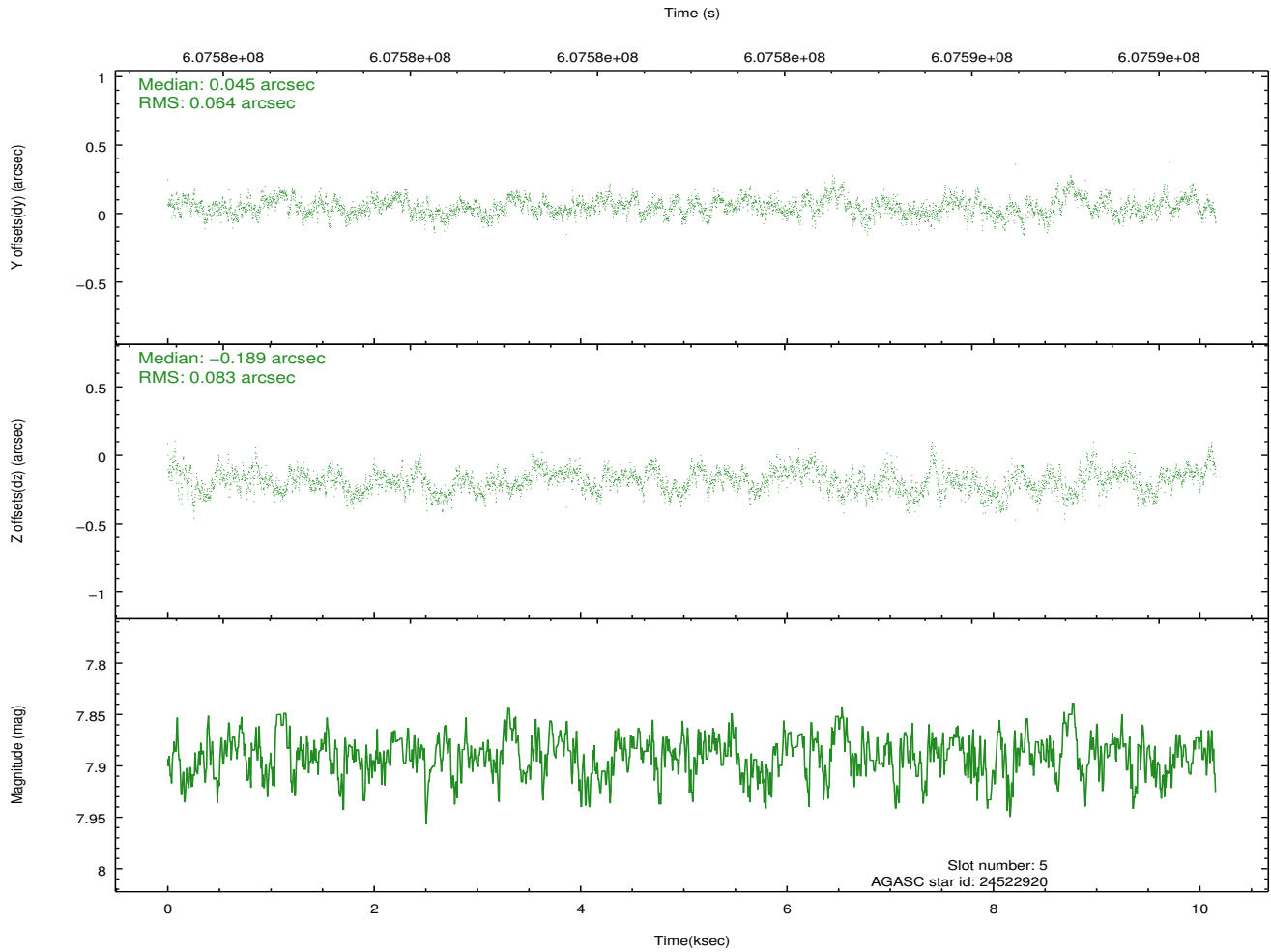
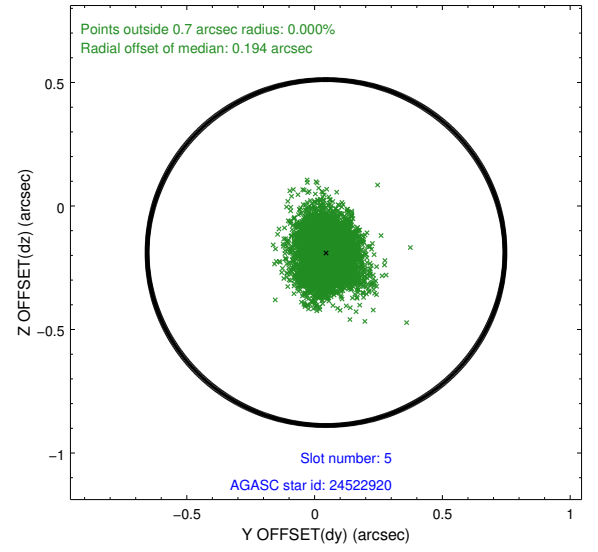
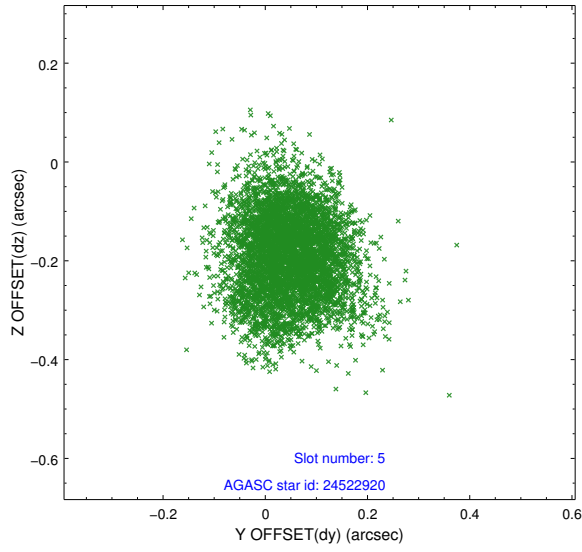
2.4.1 Slot 3



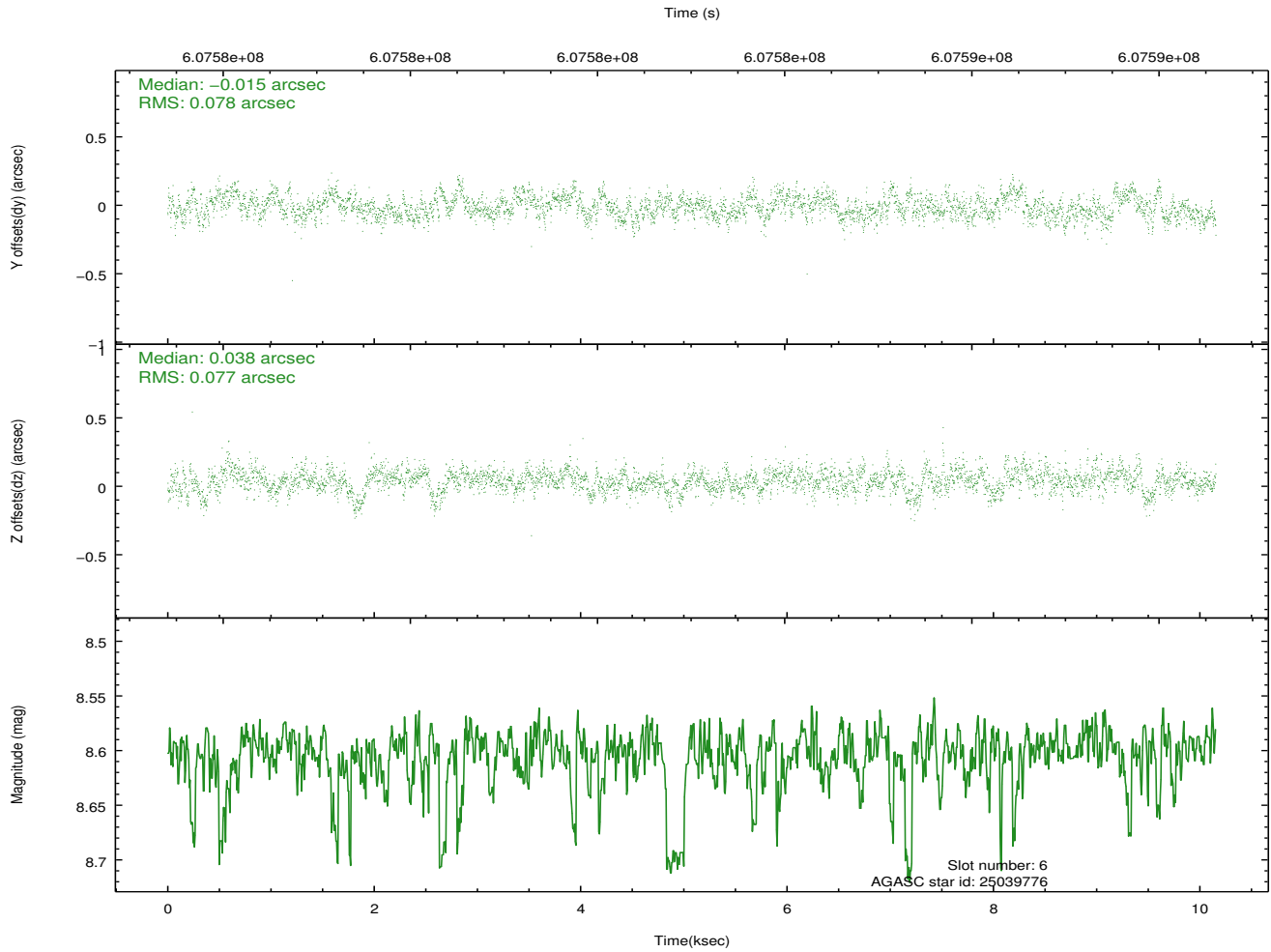
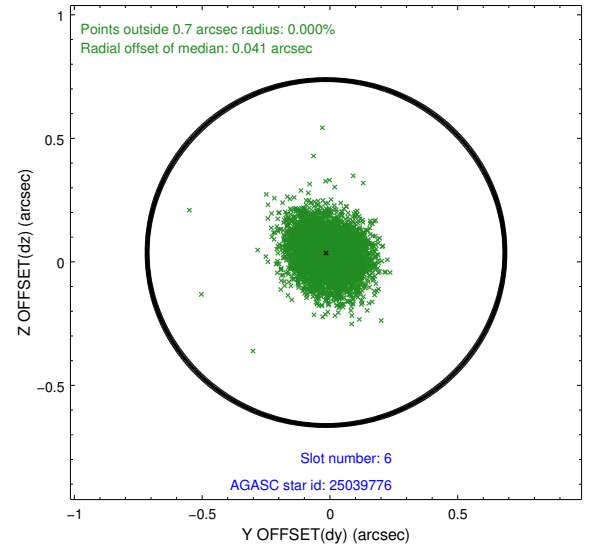
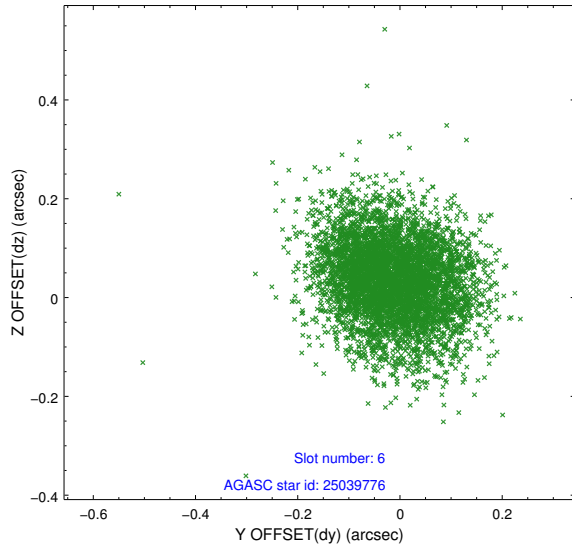
2.4.2 Slot 4



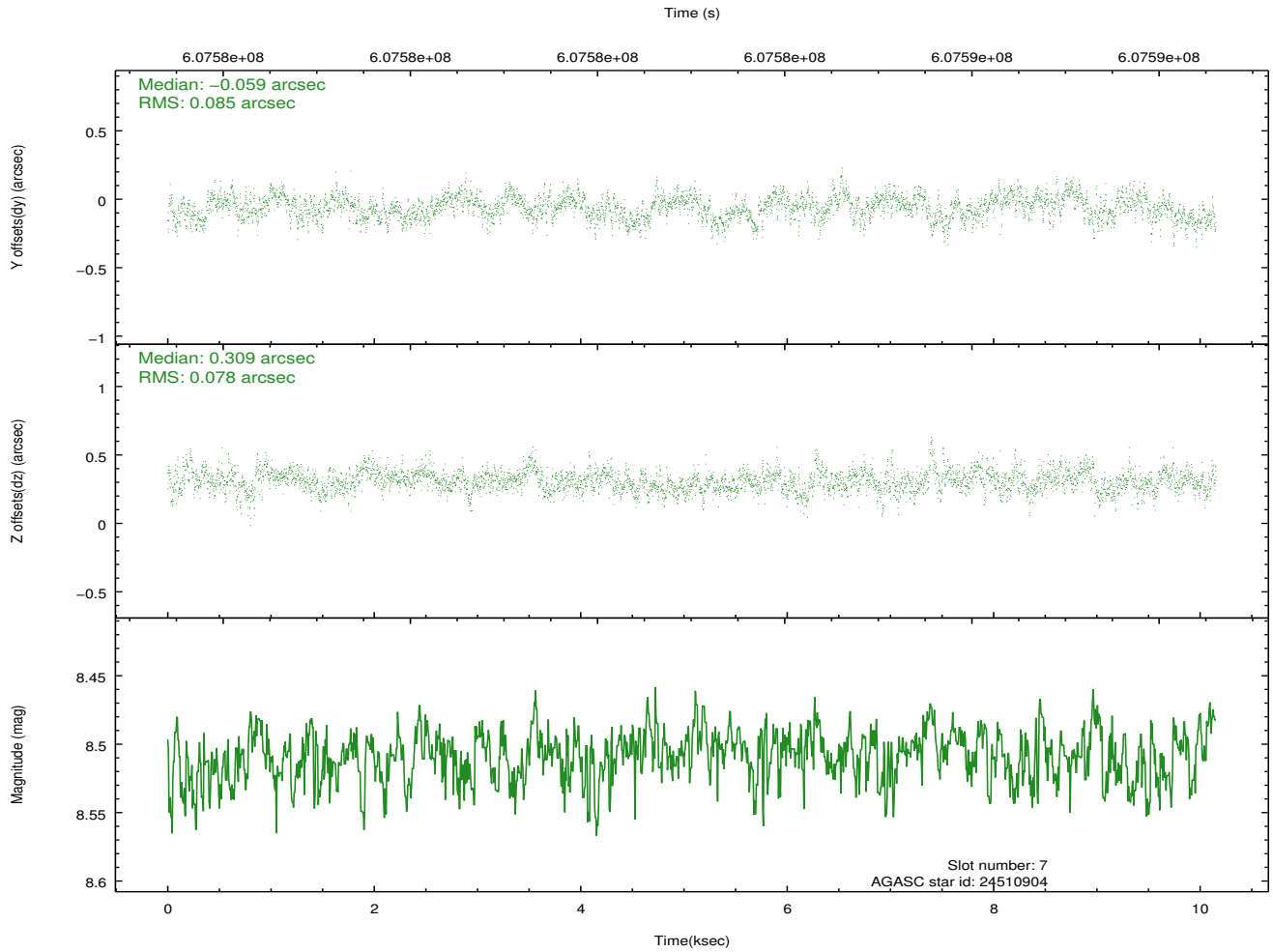
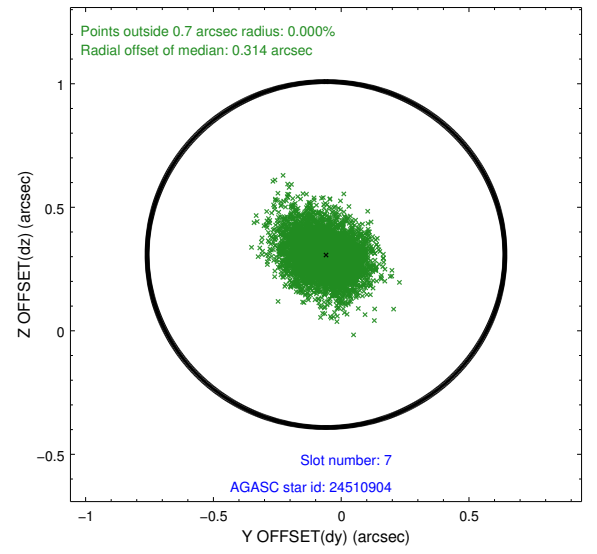
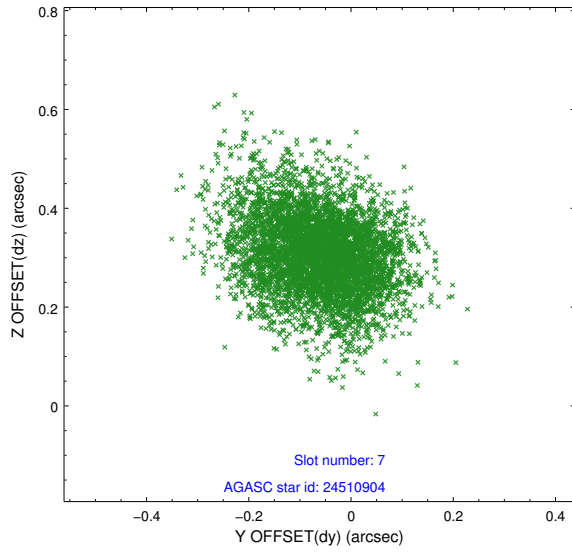
2.4.3 Slot 5



2.4.4 Slot 6

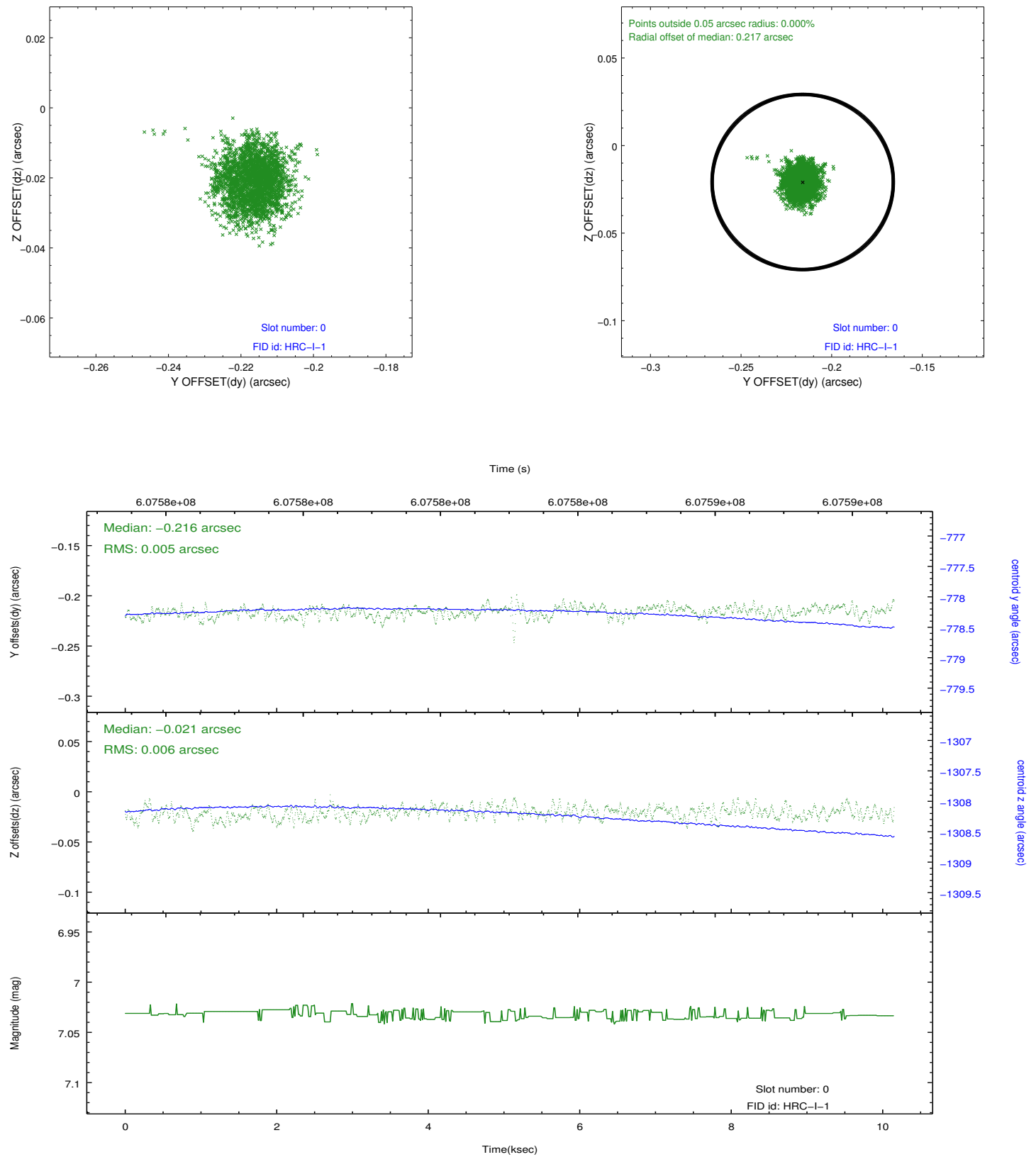


2.4.5 Slot 7

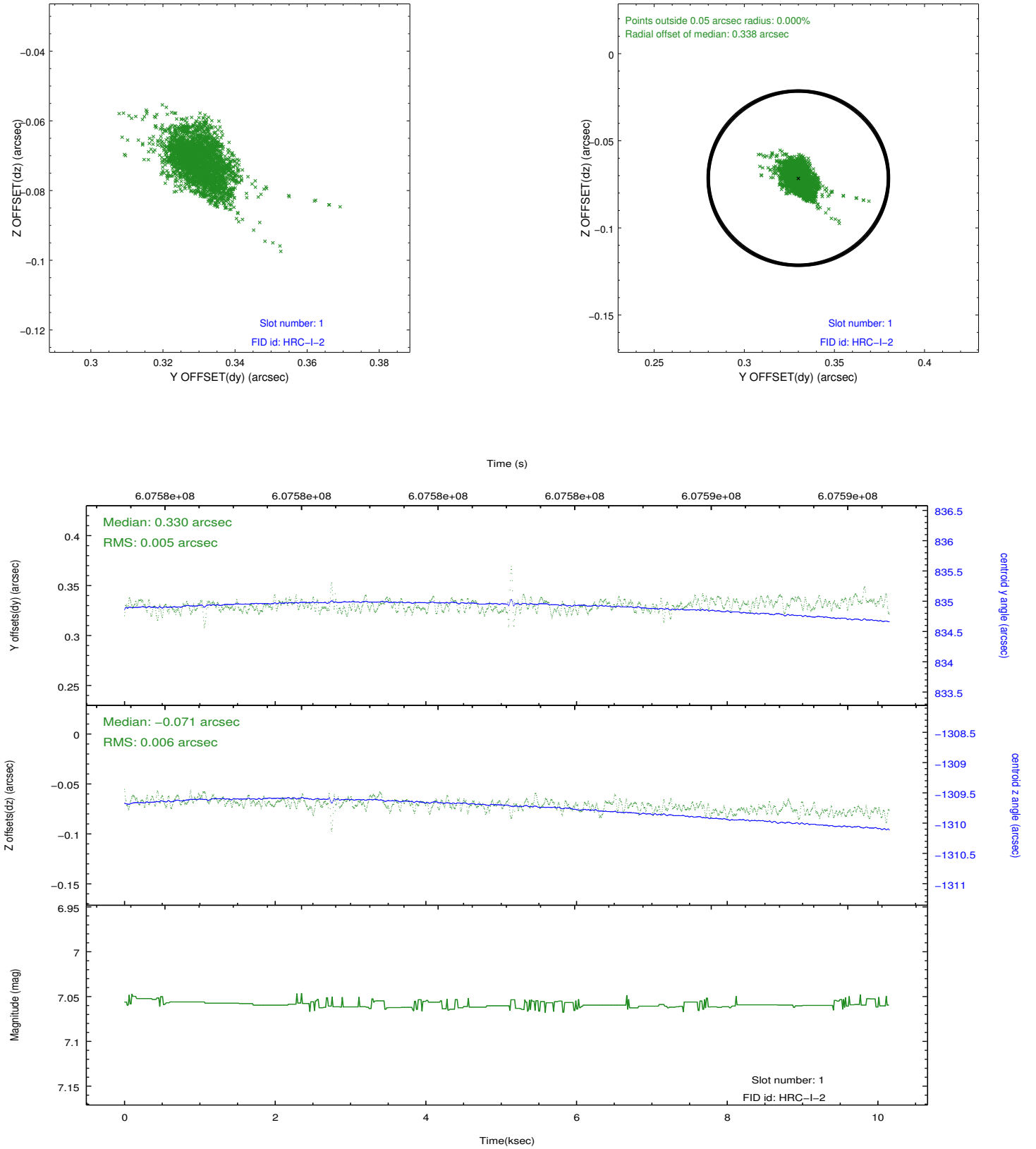


2.5 FID Slots

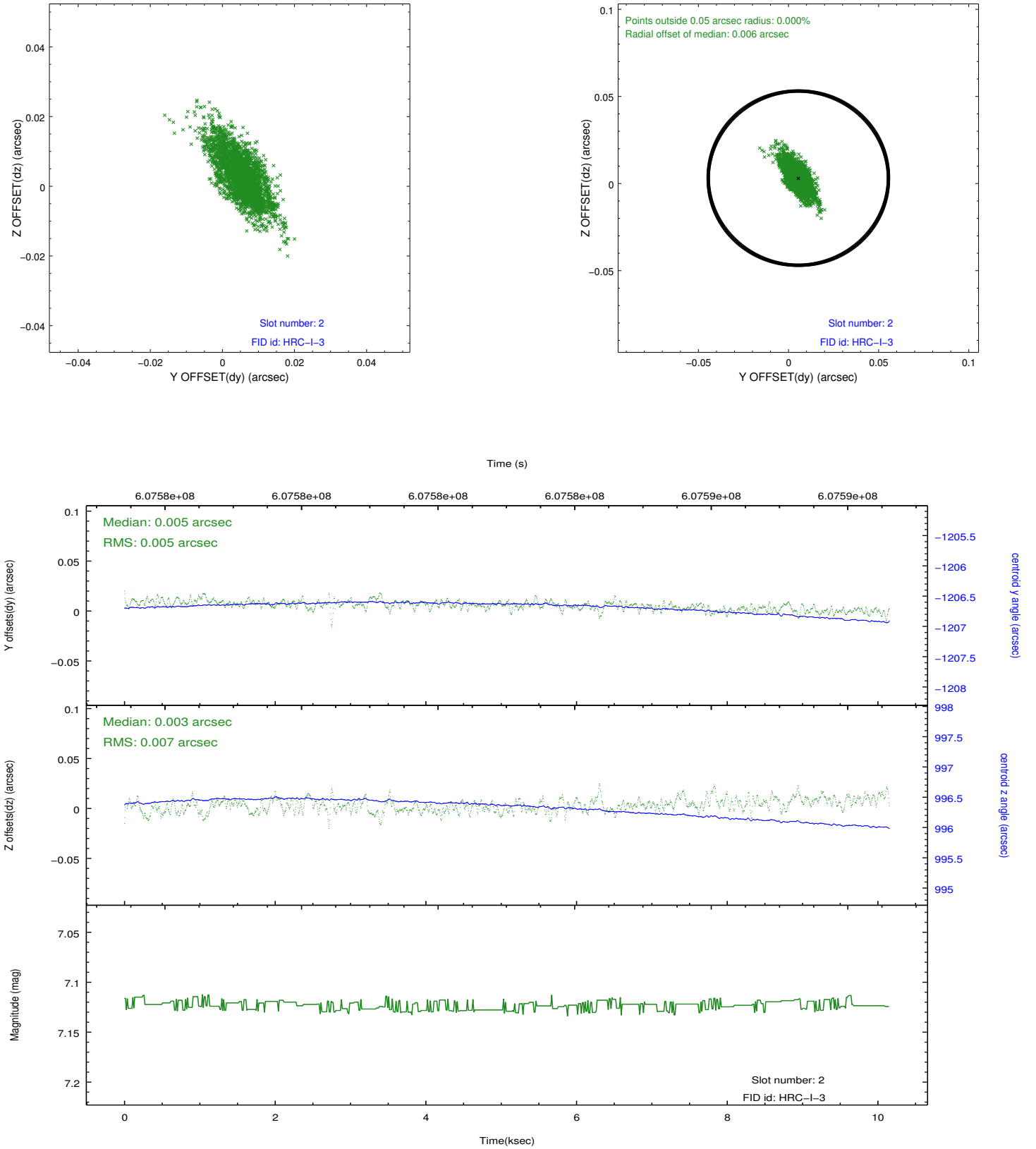
2.5.1 Slot 0



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)	2017.04.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.154931839466

A.2 Comments