

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 7434 - L2 Version 3
Chandra X-Ray Center

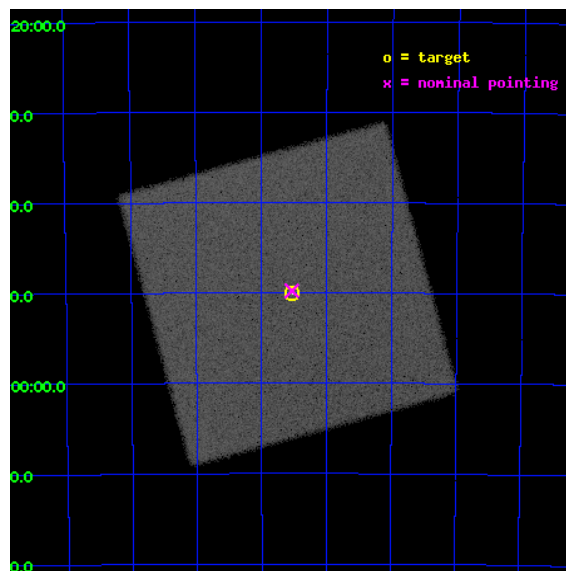
L2 Processing Date : Aug 12 2012

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1 Front

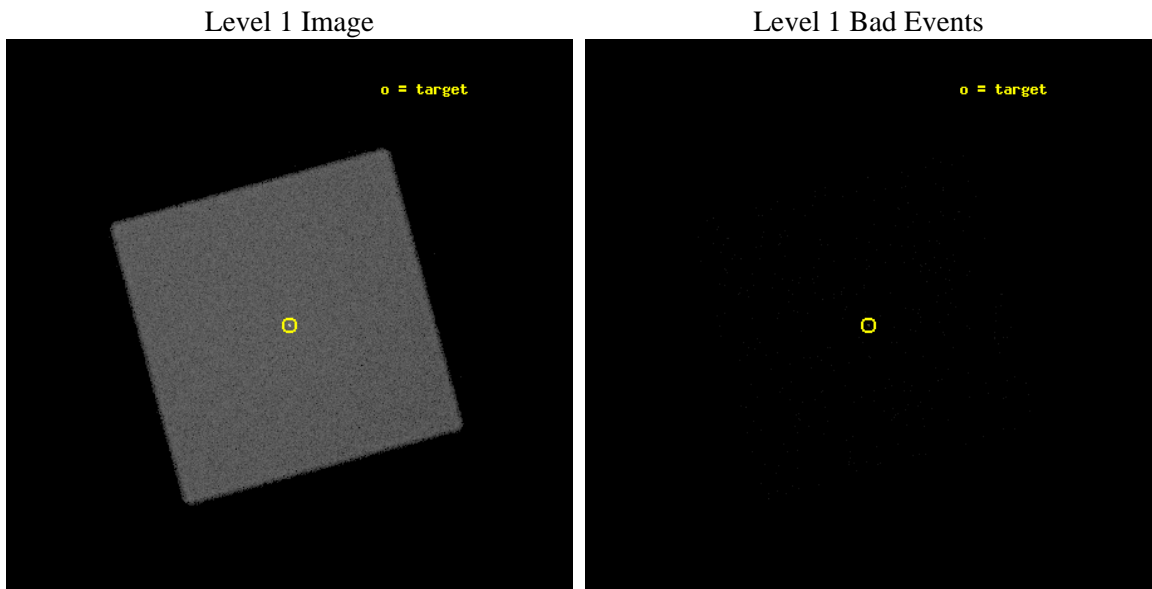
seq_num	200447	Sequence number
obs_id	7434	Observation id
title	The Fainting of Alpha Cen A	Proposal title
observer	Dr. Thomas Ayres	Principal investigator
object	Alpha Centauri	Source name
ra_targ	219.884583	Observer's specified target RA [deg]
dec_targ	-60.833889	Observer's specified target Dec [deg]
ra_nom	219.88326799202	Nominal RA [deg]
dec_nom	-60.829603756991	Nominal Dec [deg]
roll_nom	119.74183061995	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5163.1814997196	[s]
livetime	5108.5463074181	Ontime multiplied by DTCOR
l2events	333638	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	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5163.1814997196	[s]
caldsver	4.5.1.1	 	l1events	605600	Number of level 1 events
date	2012-08-12T08:56:19	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

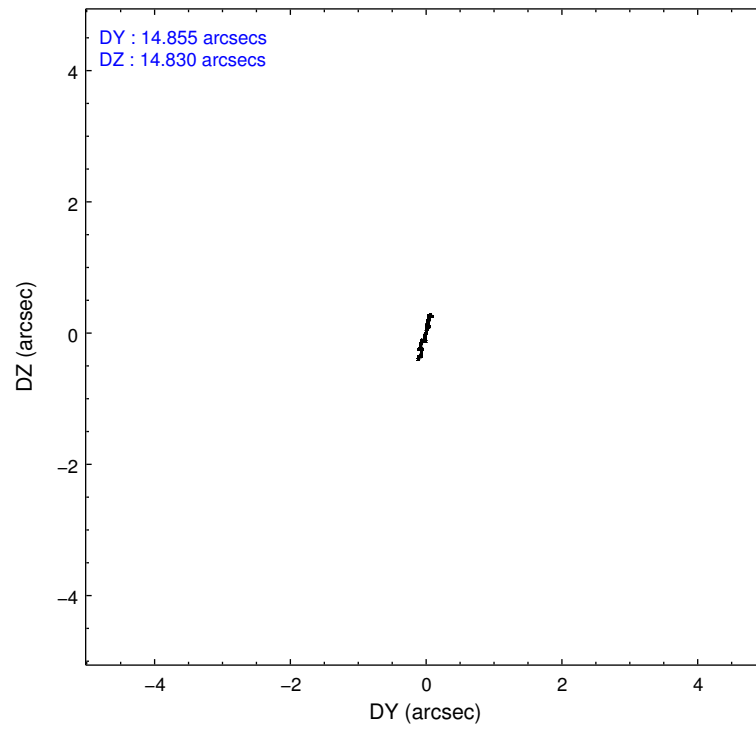
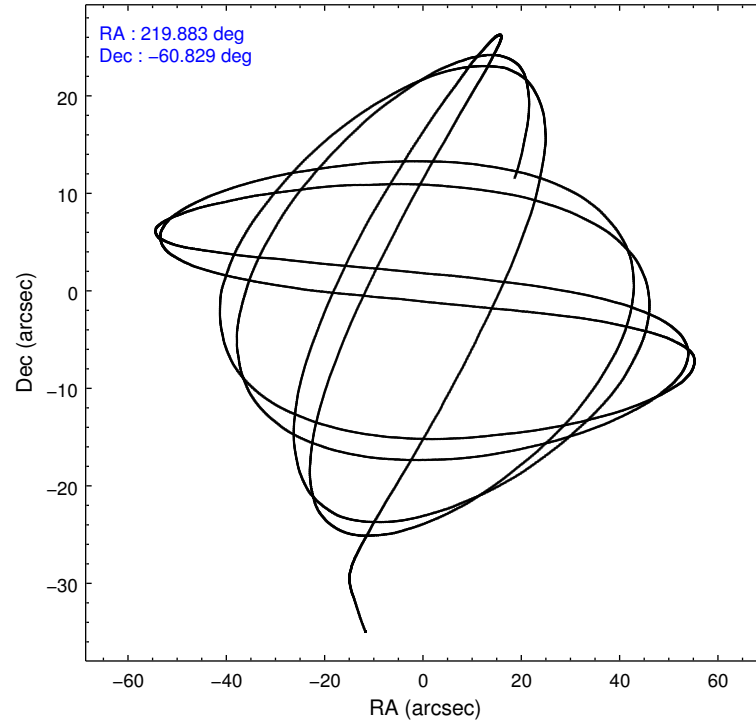
Level 1 Events

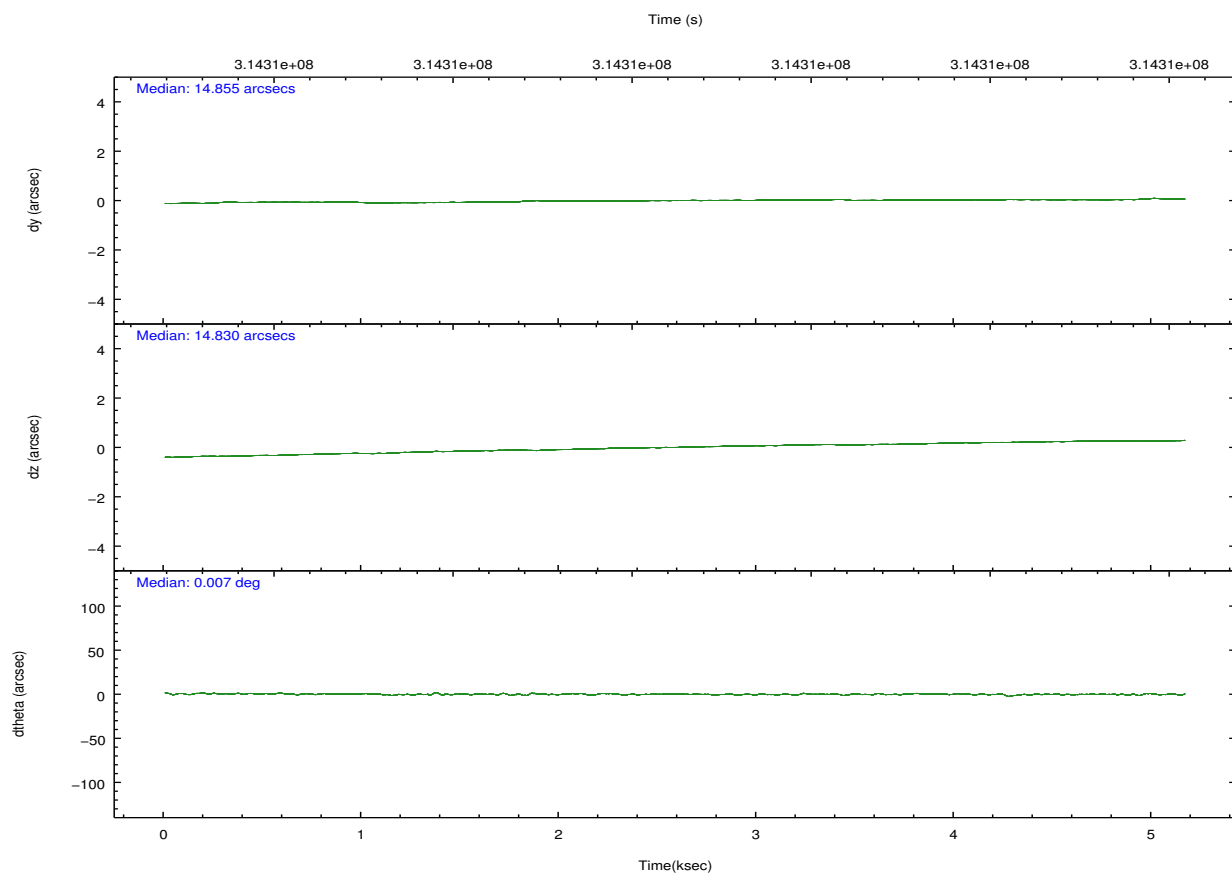
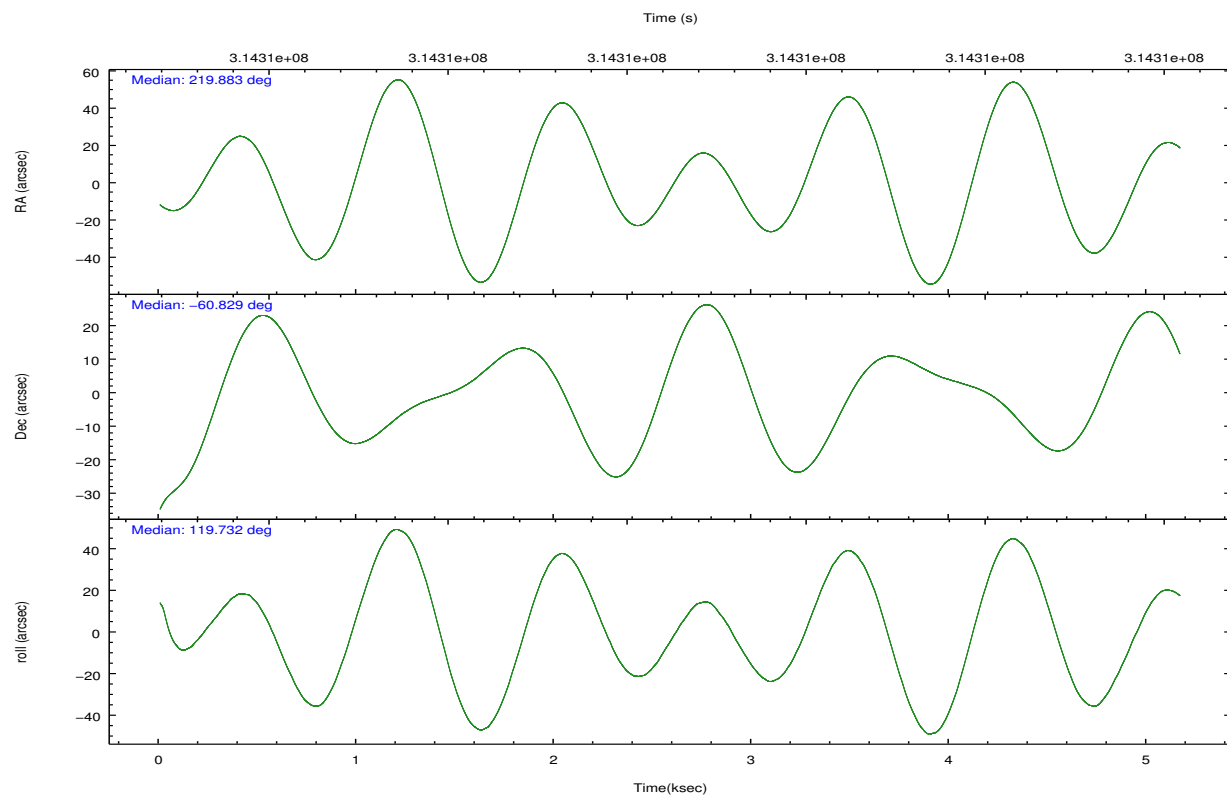
	segment 0
level 1 events	605600
rejected events	119932
rejected %	19%

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	219.932216	219.8832679920197			
[deg] Pointing Dec	-60.842847	-60.82960375699148			
[deg] Pointing Roll	119.880033	119.7418306199506			
[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)	314307821.184000	314306396.26855			
Observation start date	2007-12-17T19:42:36	2007-12-17T19:19:56			
[s] Observation end time (MET)	314312821.184000	314313770.11891			
Observation end date	2007-12-17T21:05:56	2007-12-17T21:22:50			

2.3 Aspect



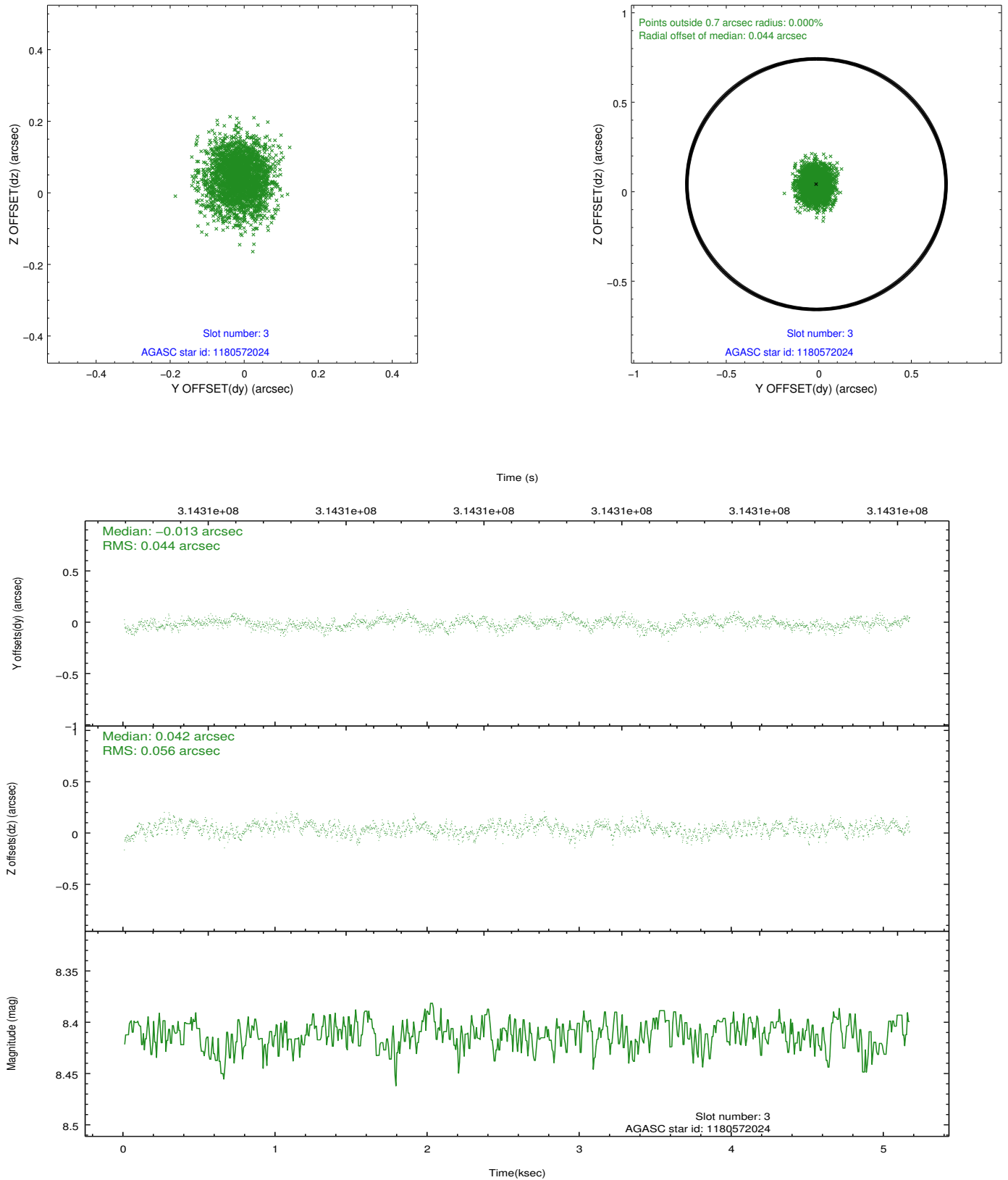


Slot Statistics

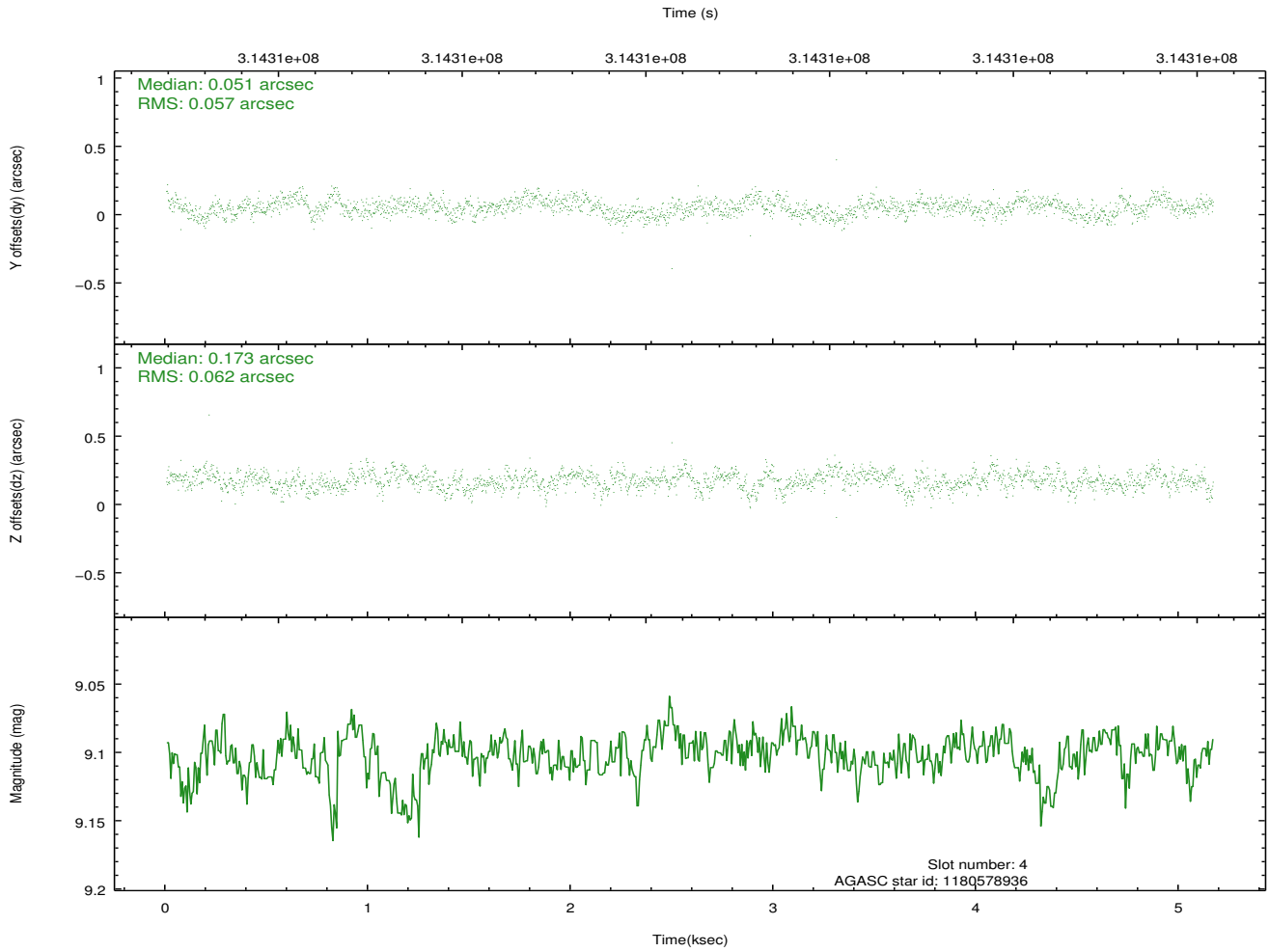
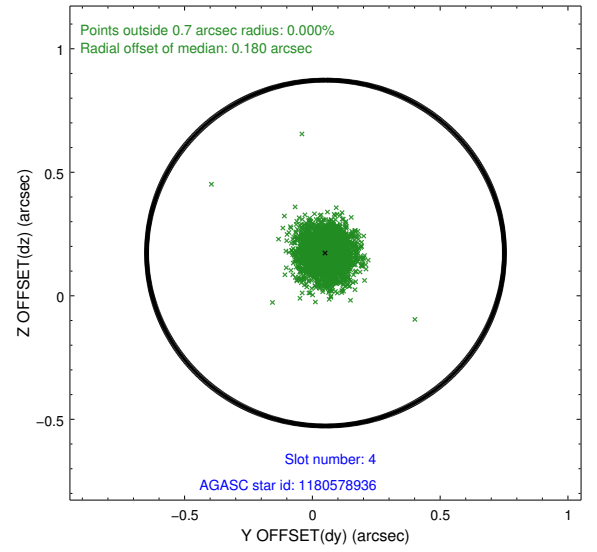
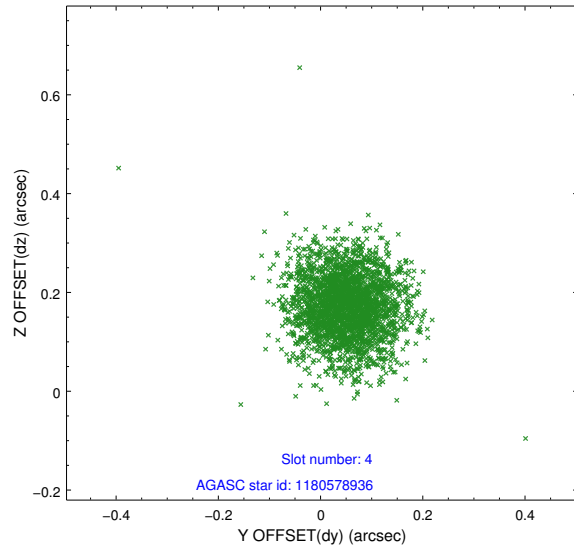
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	1260	-0.089	0.010	0.010	0.014	0.000000	0.000000	-770.68	-1302.90
1	FID	HRC-I-2	7.01	1260	0.206	-0.082	0.009	0.015	0.000000	0.000000	841.63	-1305.54
2	FID	HRC-I-3	7.07	1260	0.002	-0.018	0.008	0.013	0.000000	0.000000	-1198.48	1000.59
3	GUIDE	1180572024	8.41	2520	-0.013	0.042	0.076	0.123	220.930377	-60.981487	-1312.54	-1255.70
4	GUIDE	1180578936	9.10	2517	0.051	0.173	0.089	0.141	220.919358	-61.155393	-1841.30	-919.57
5	GUIDE	1180579504	9.59	2492	-0.036	-0.093	0.128	0.216	219.500103	-61.658654	-2182.23	2104.74
6	GUIDE	1180589152	9.28	2519	0.080	-0.182	0.092	0.161	219.760705	-61.382926	-1539.96	1226.23
7	GUIDE	1180612104	8.99	2518	-0.090	0.064	0.086	0.145	220.502279	-60.631704	153.31	-1247.99

2.4 Star Slots

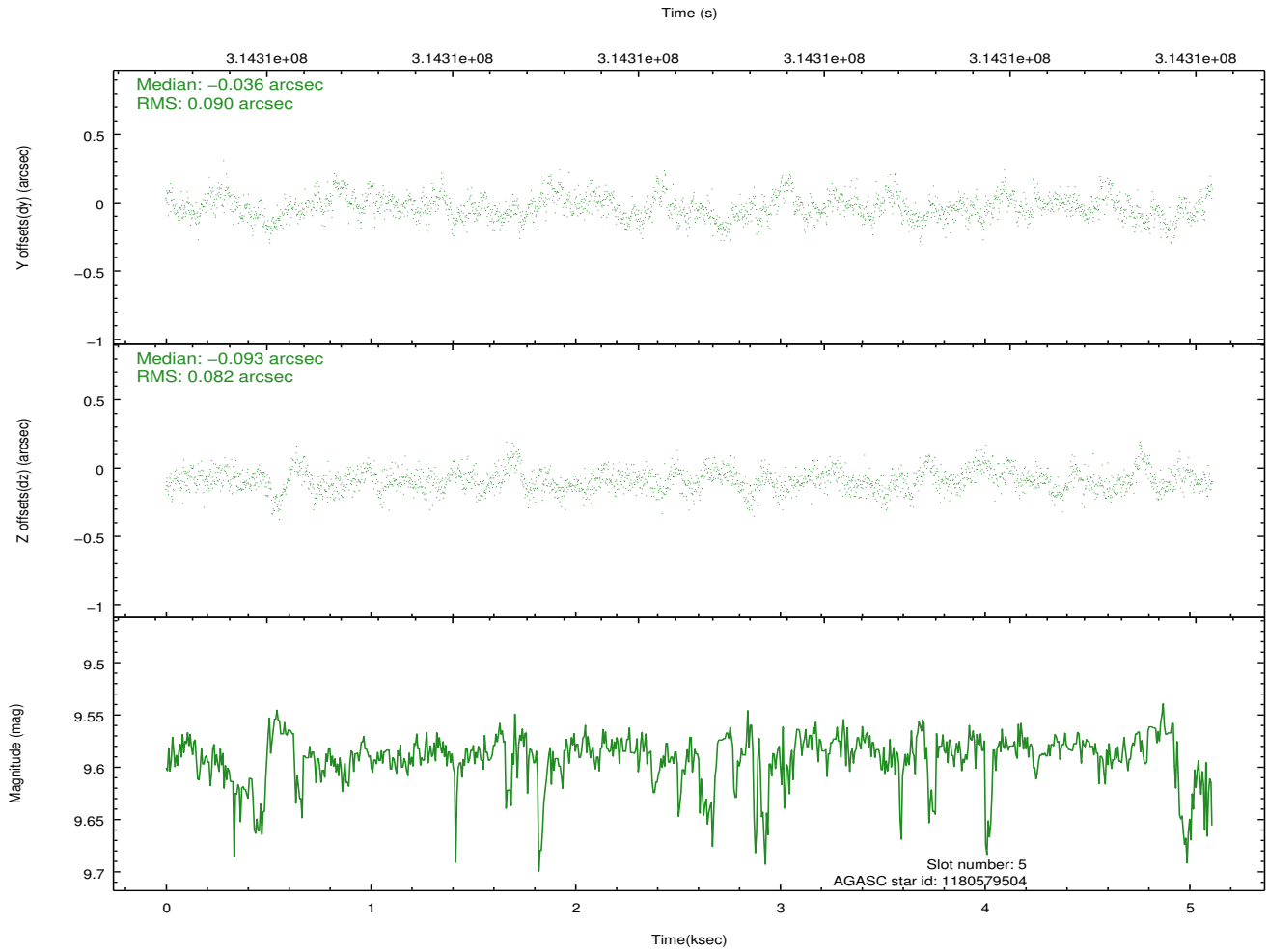
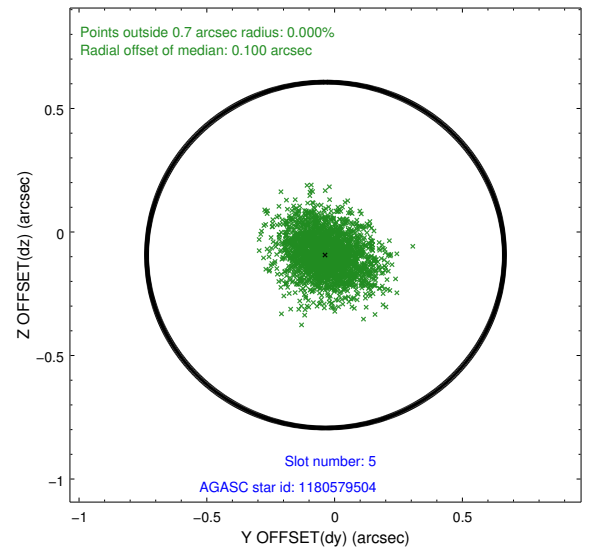
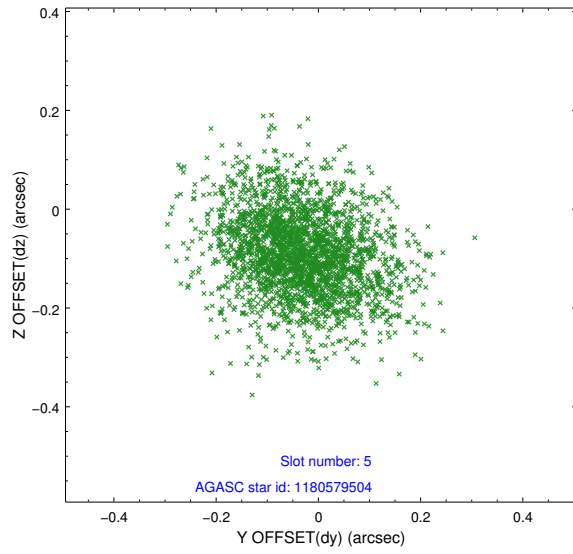
2.4.1 Slot 3



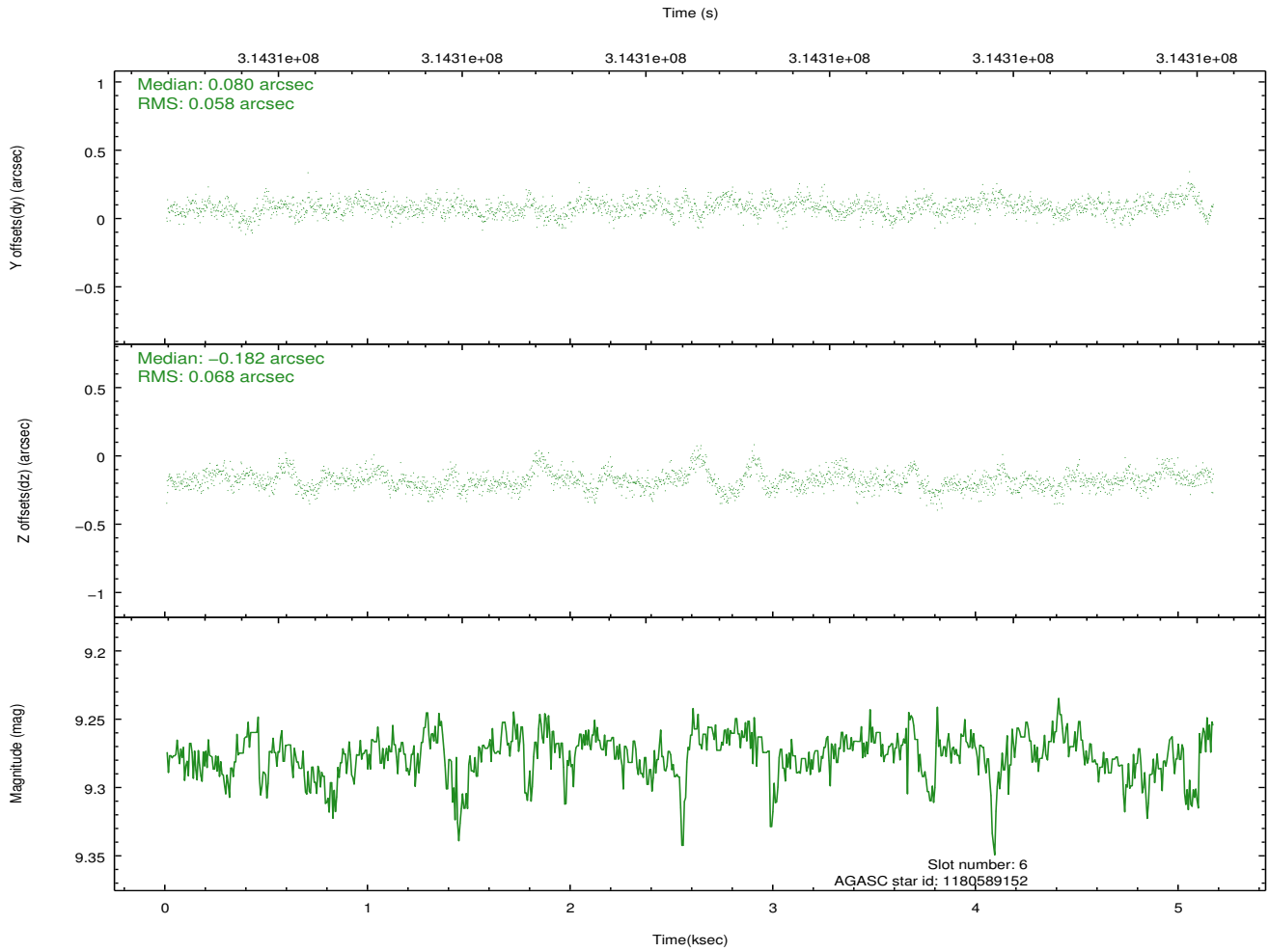
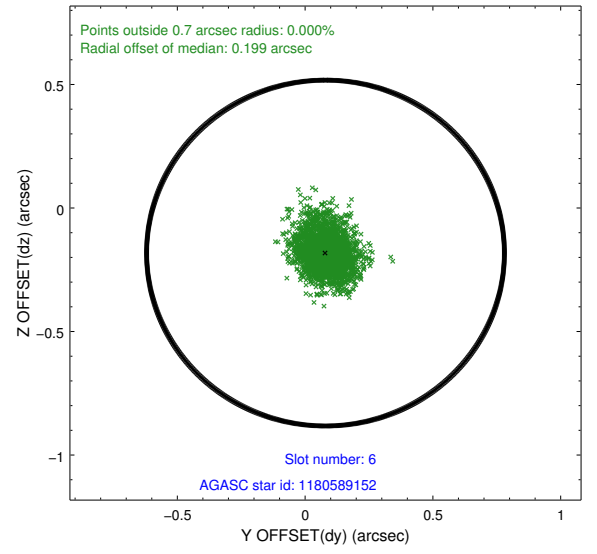
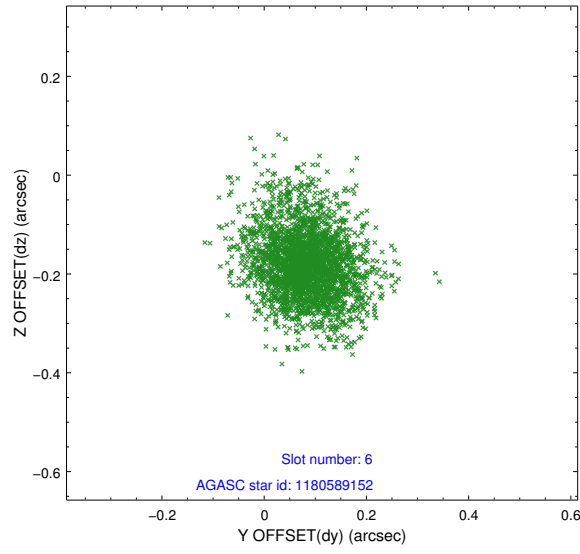
2.4.2 Slot 4



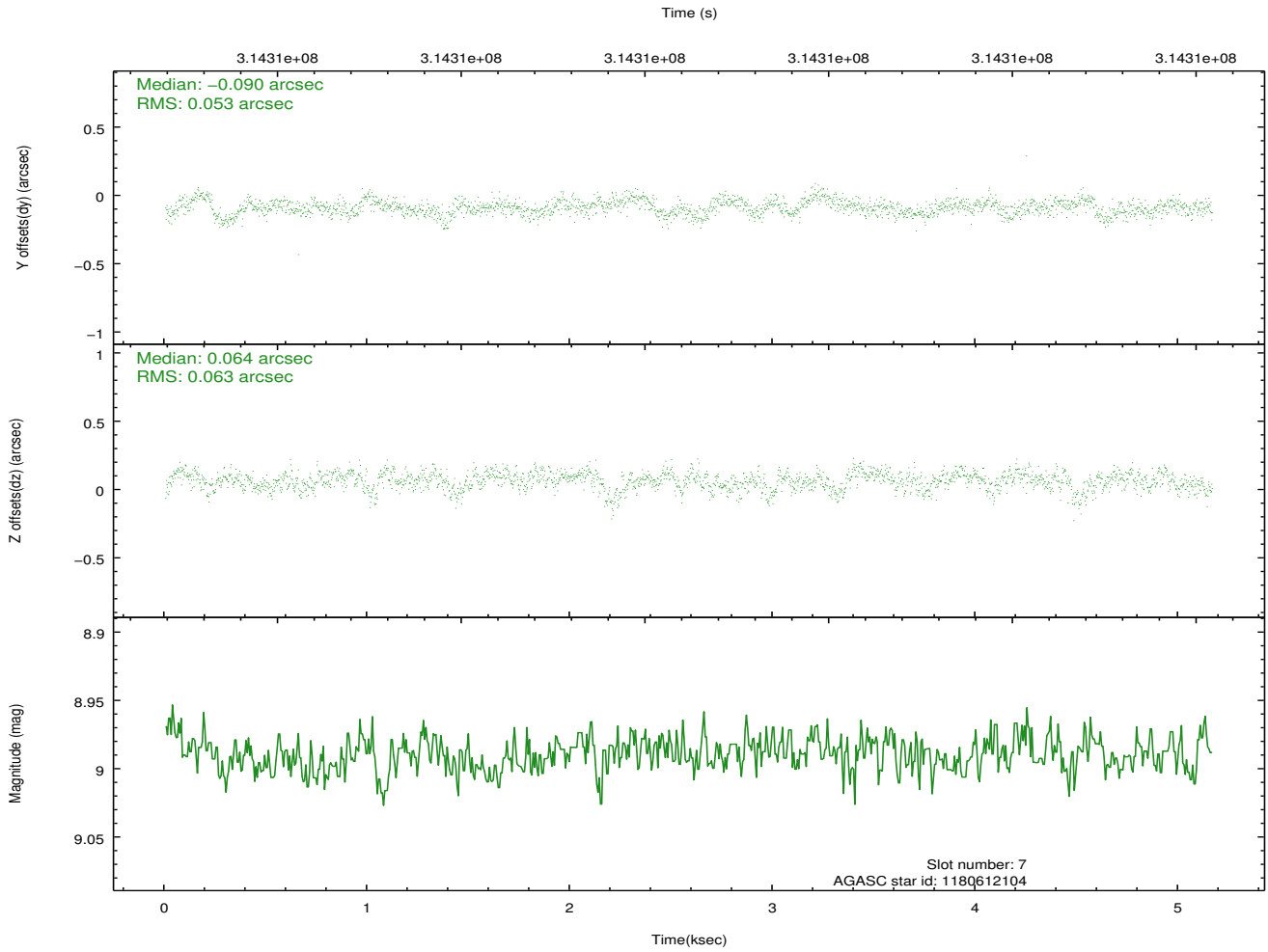
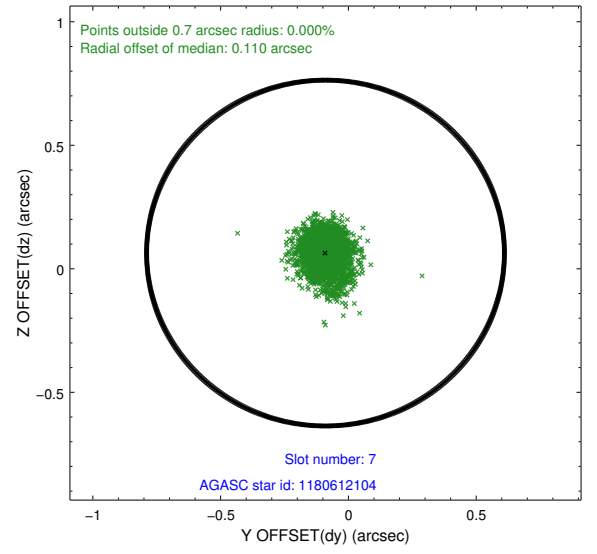
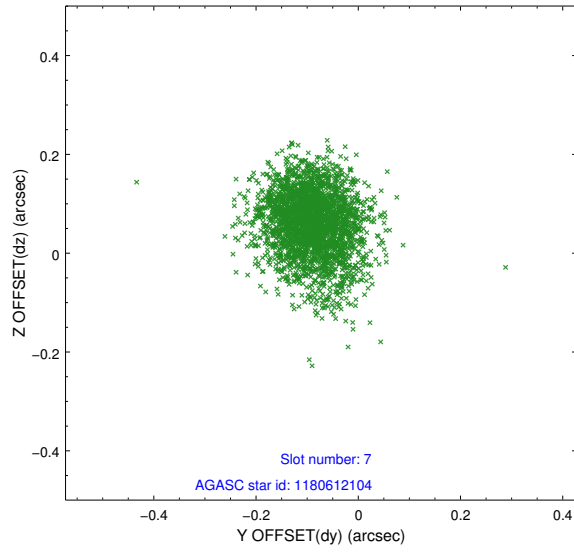
2.4.3 Slot 5



2.4.4 Slot 6

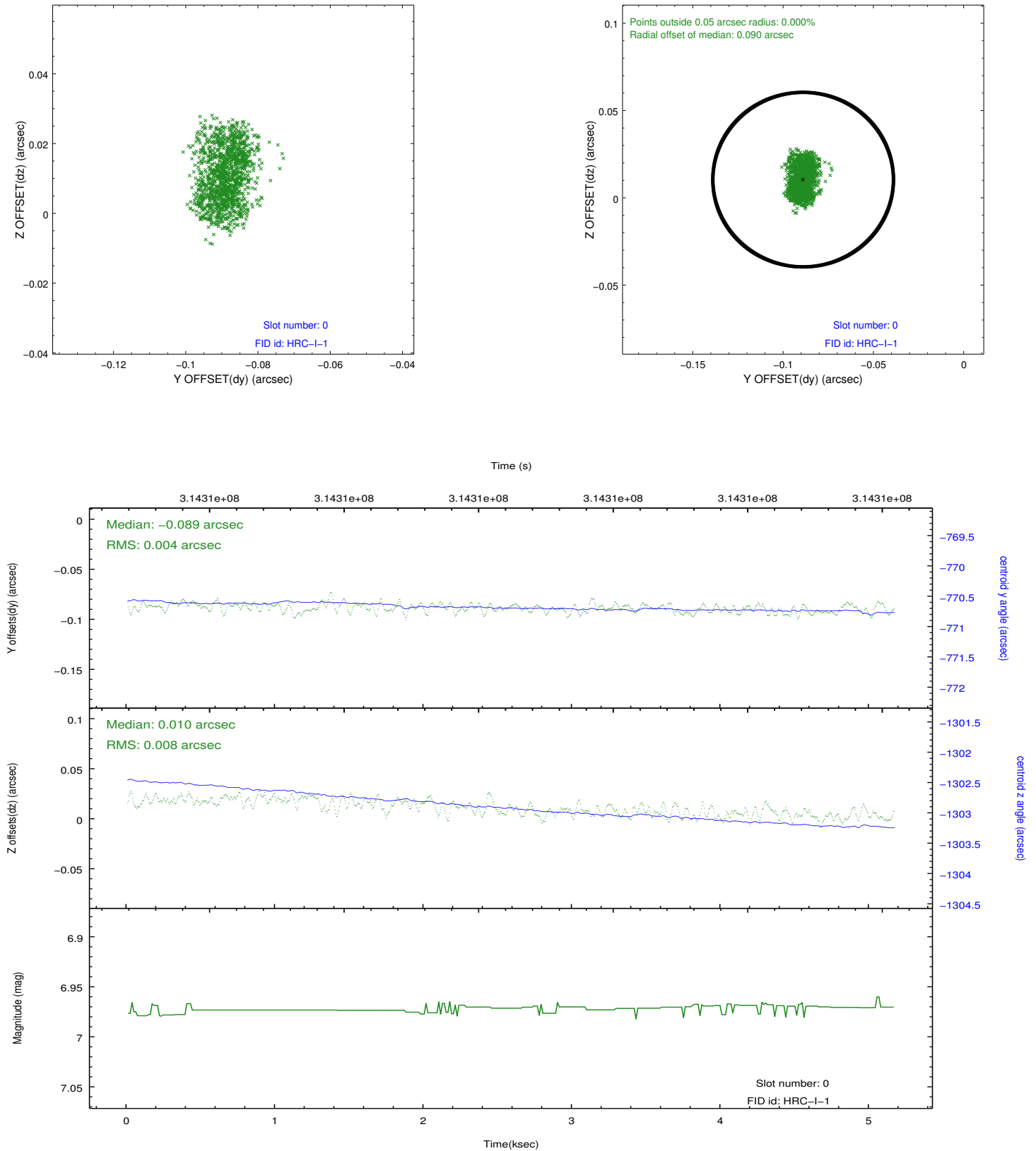


2.4.5 Slot 7

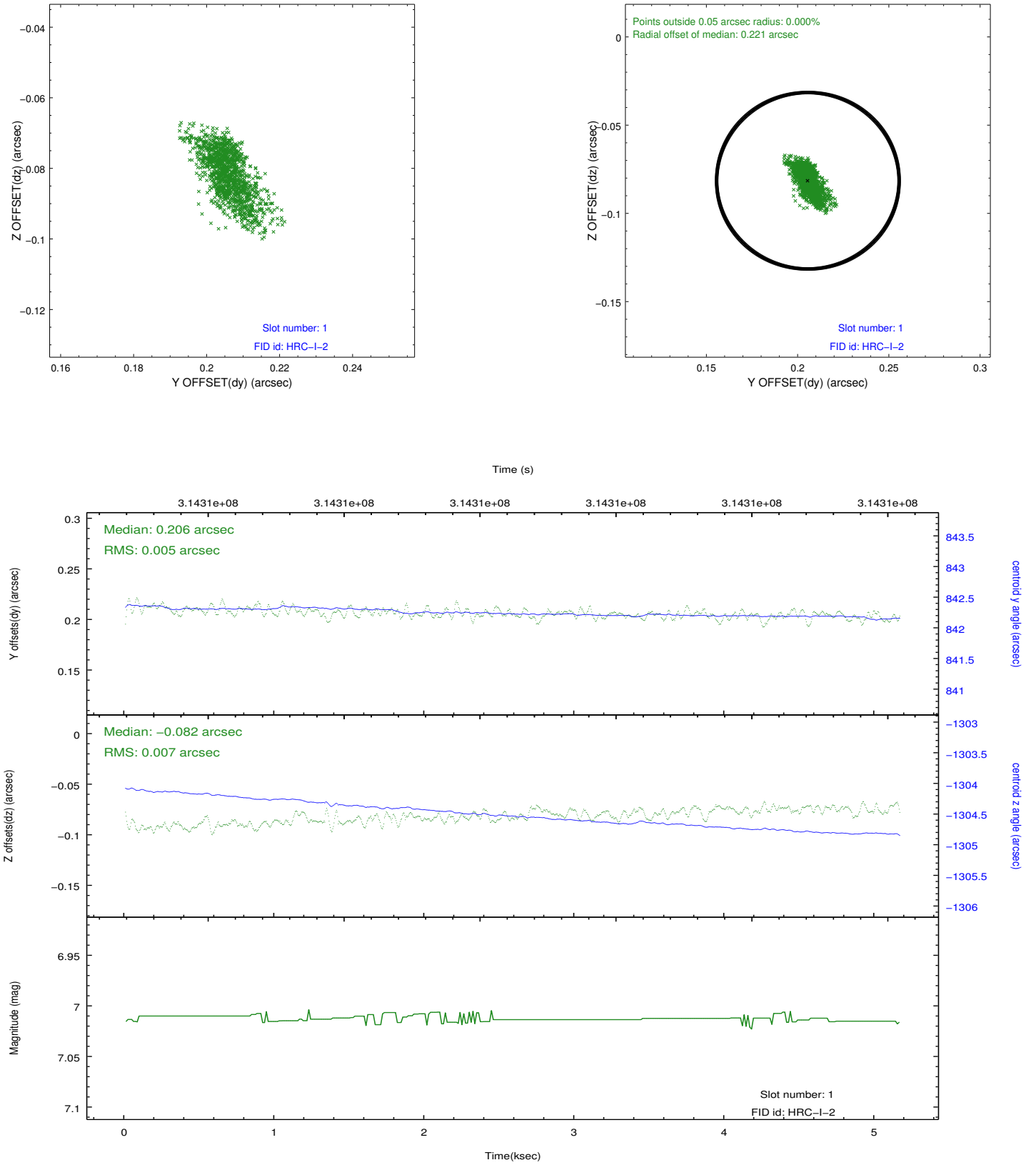


2.5 FID Slots

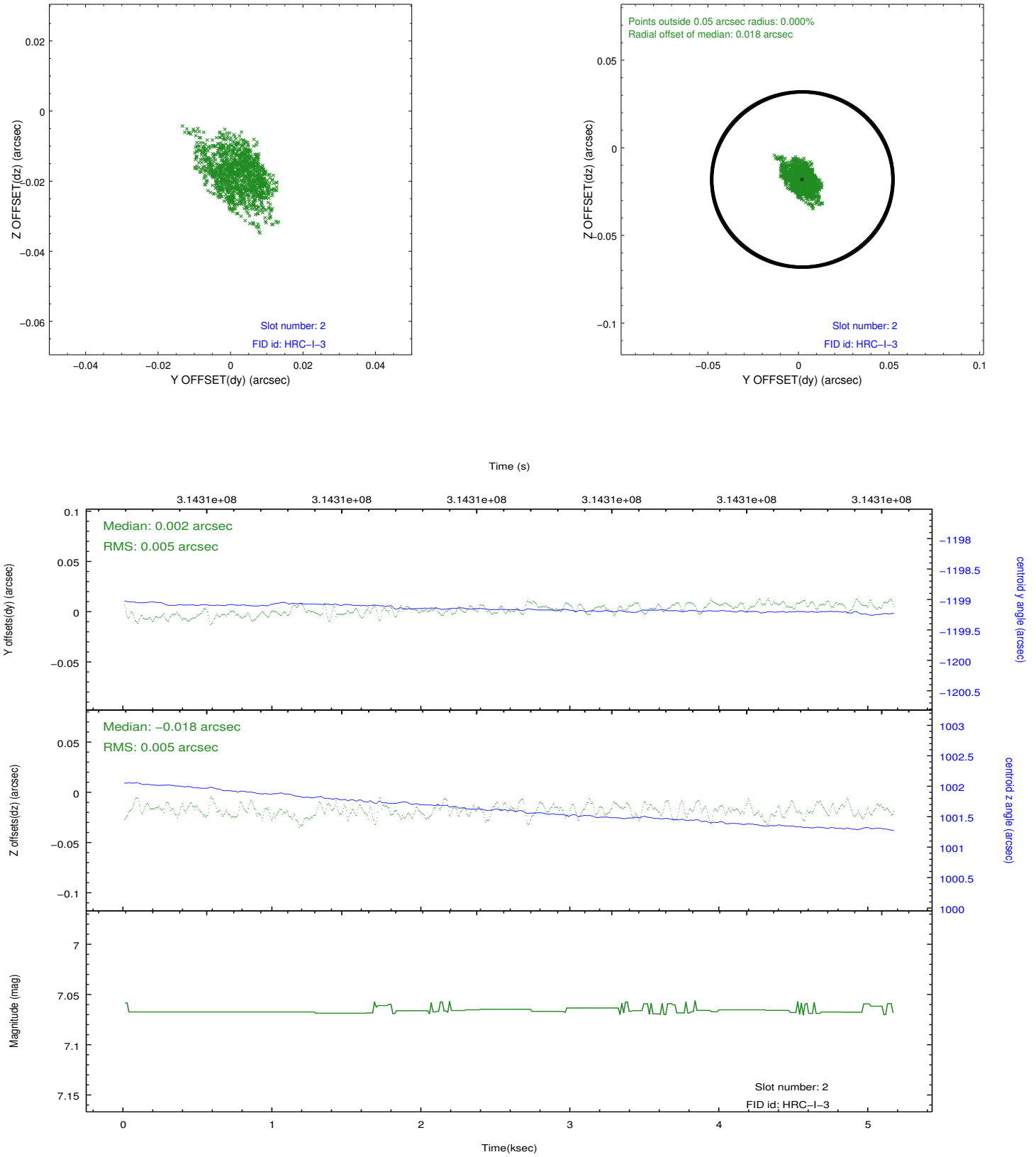
2.5.1 Slot 0



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)	2012.08.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.16318149

A.2 Comments

Window preference met.