

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 5051 - L2 Version 3
Chandra X-Ray Center

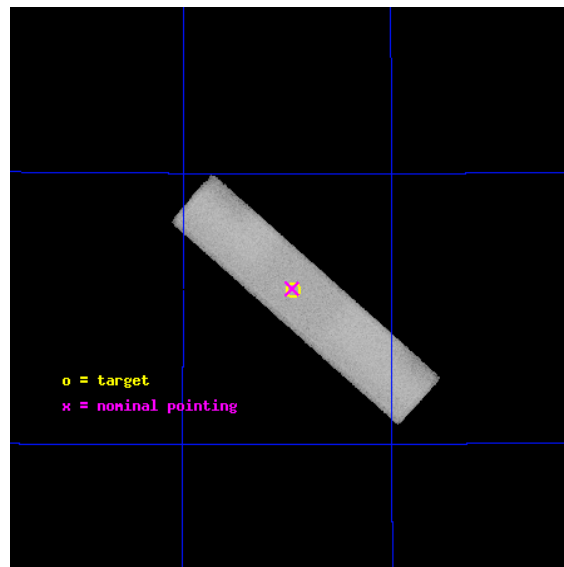
L2 Processing Date : Nov 11 2012

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1 Front

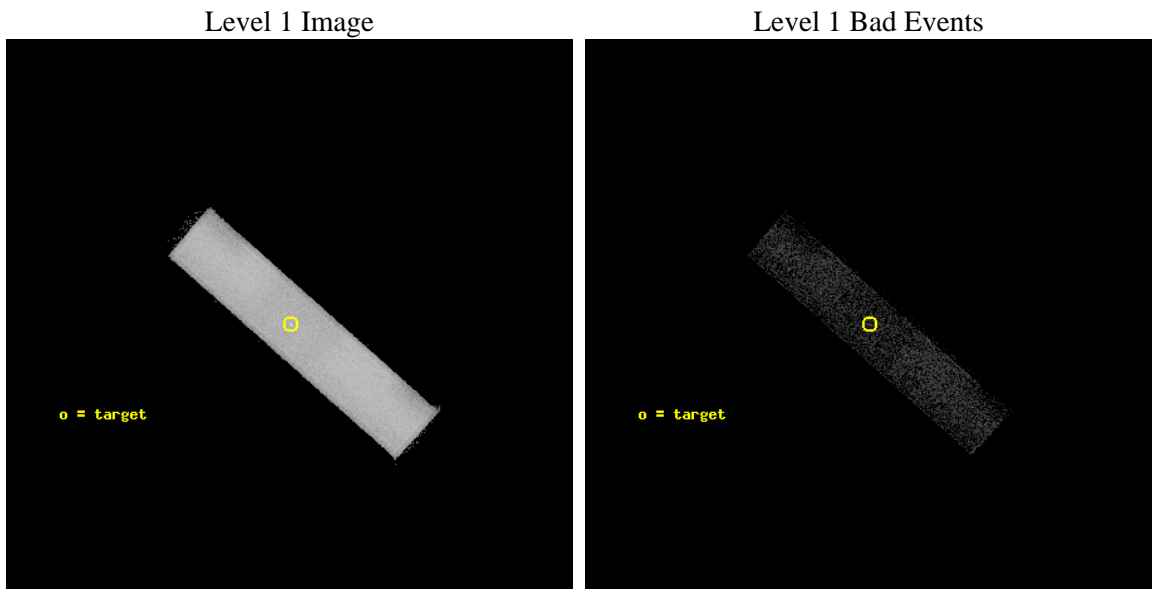
seq_num	290324	Sequence number
obs_id	5051	Observation id
title	AO5 Measurements of the optical/UV Transmission of the HRC and ACIS Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.23939704719	Nominal RA [deg]
dec_nom	38.787012369619	Nominal Dec [deg]
roll_nom	41.332801297372	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1842.1813305616	[s]
livetime	1769.1445116487	Ontime multiplied by DTCOR
l2events	224113	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	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1842.1813305616	[s]
caldbver	4.5.2	 	l1events	268295	Number of level 1 events
date	2012-11-11T14:29:00	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

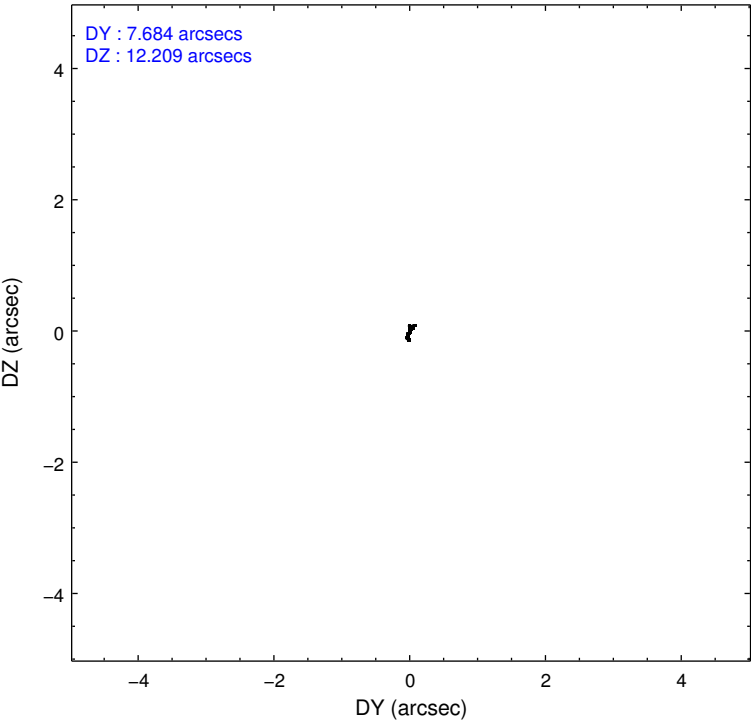
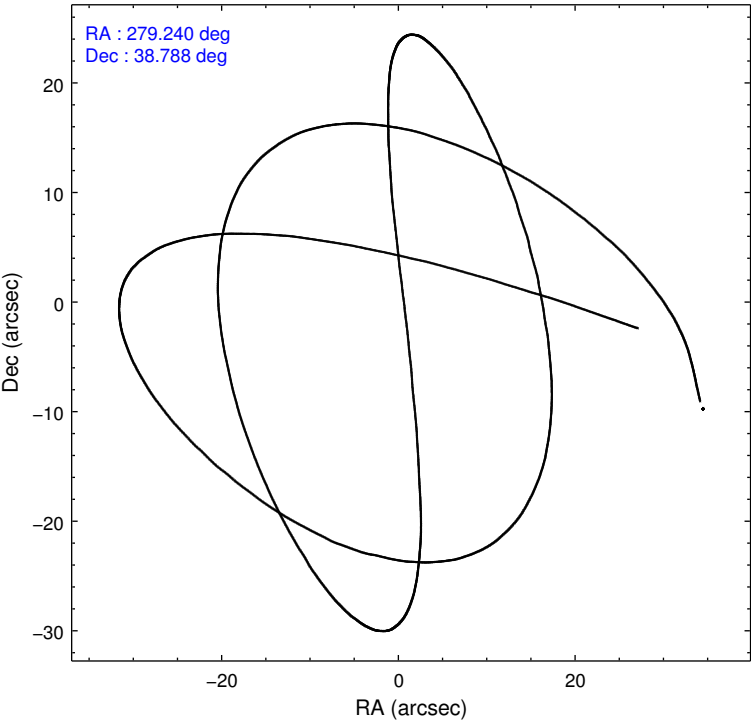
Level 1 Events

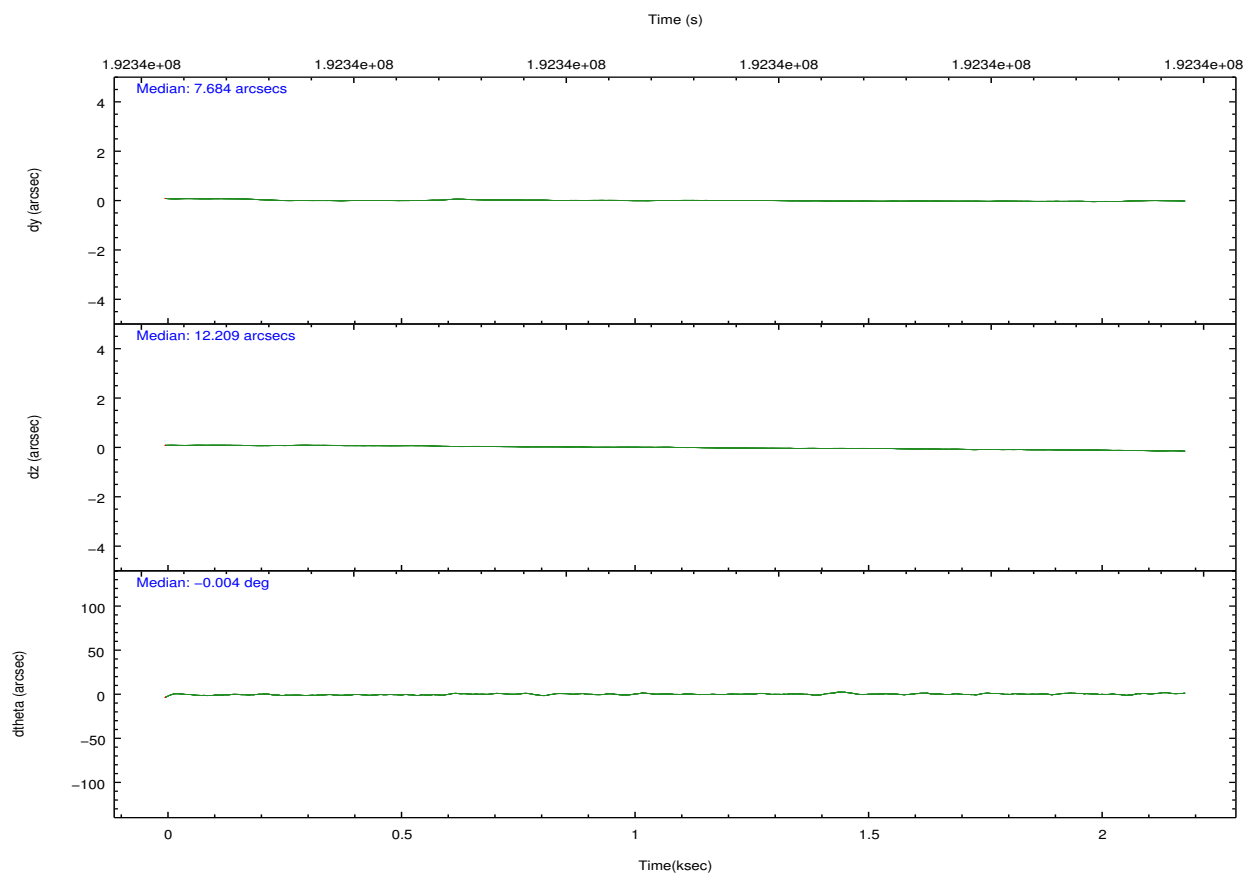
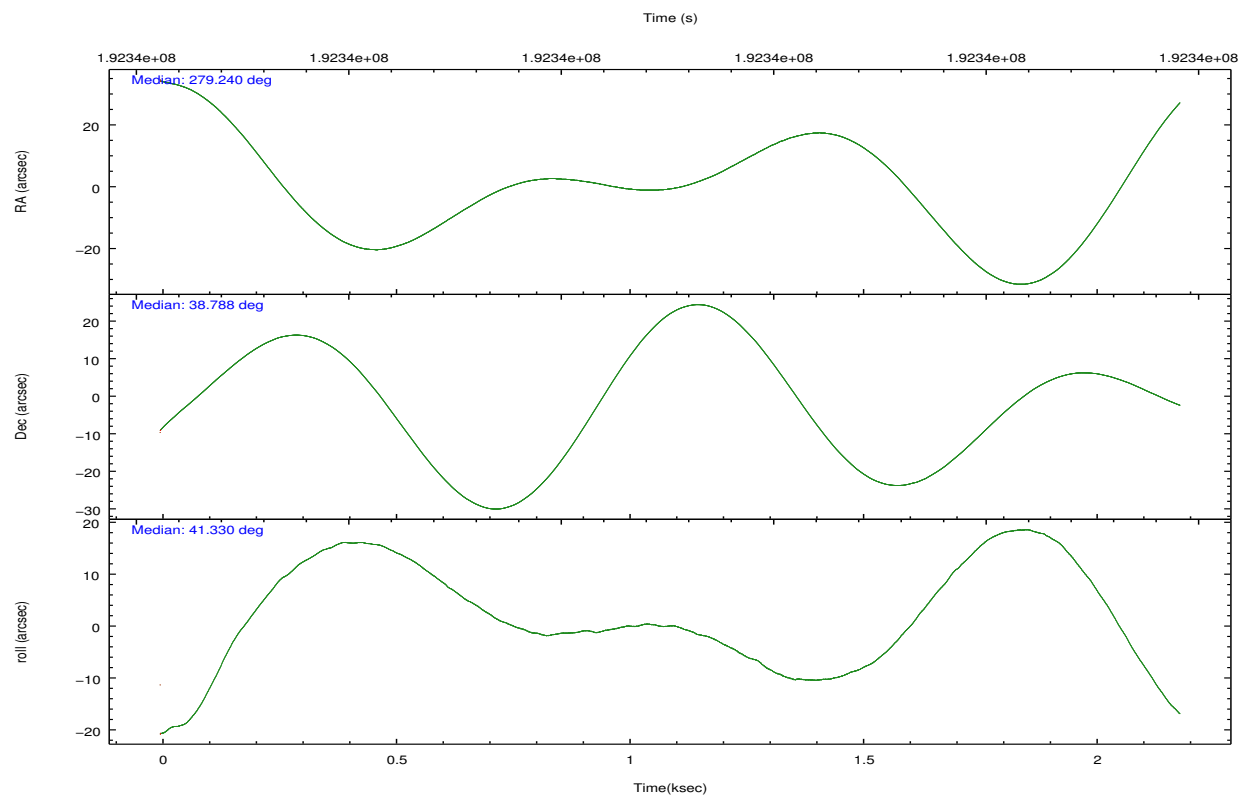
	segment 1	segment 2	segment 3
level 1 events	0	268295	0
rejected events	0	27880	0
rejected %	0%	10%	0%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	279.229618	279.239397047192			
[deg] Pointing Dec	38.759252	38.78701236961854			
[deg] Pointing Roll	41.271619	41.33280129737202			
[s] Window start time (MET)	191980864.184000	191980864.184000			
[s] Window stop time (MET)	197078464.184000	197078464.184000			
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	192335346.184000	192334971.98019			
Observation start date	2004-02-05T02:28:02	2004-02-05T02:22:51			
[s] Observation end time (MET)	192337346.184000	192337480.1553			
Observation end date	2004-02-05T03:01:22	2004-02-05T03:04:40			

2.3 Aspect



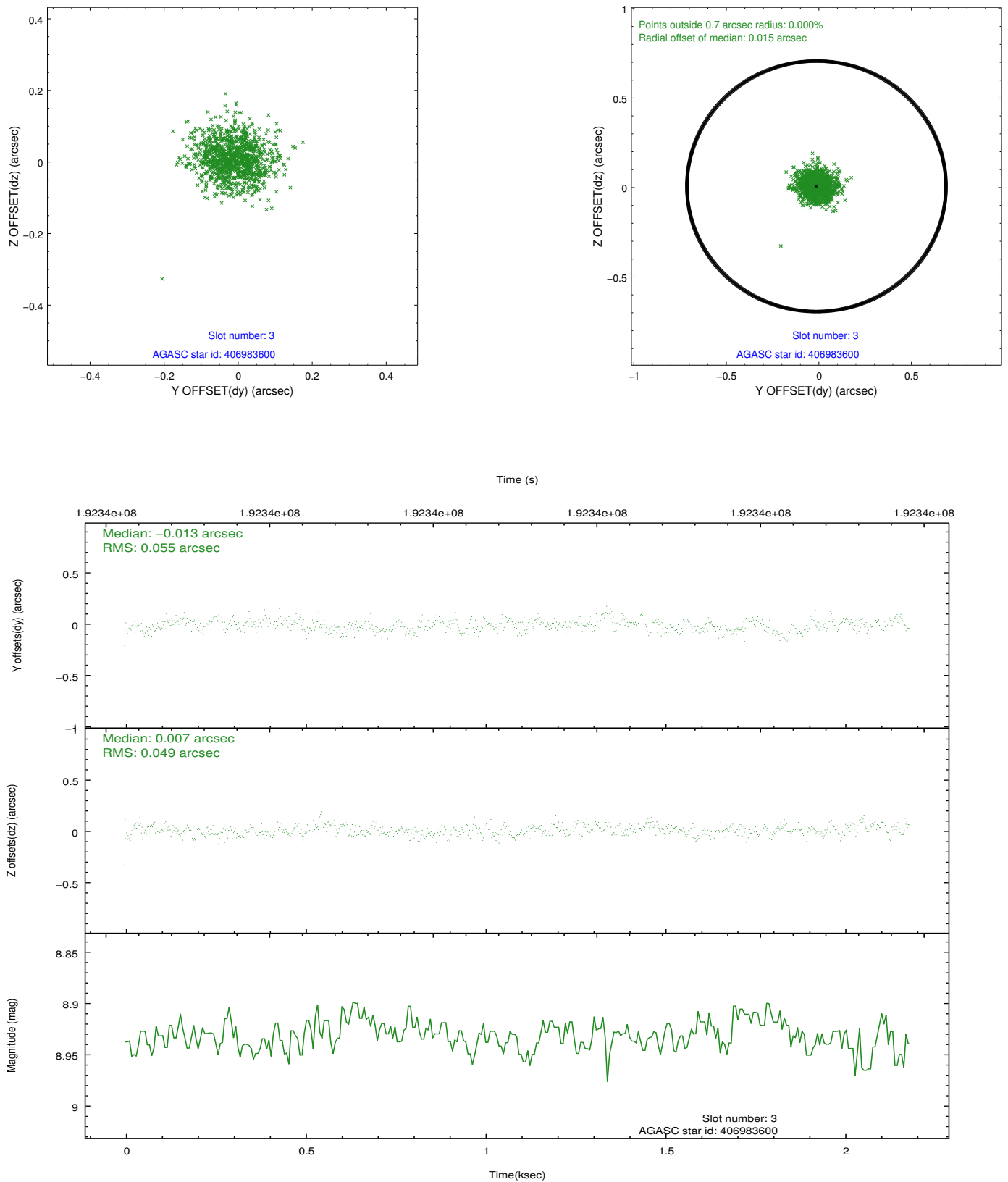


Slot Statistics

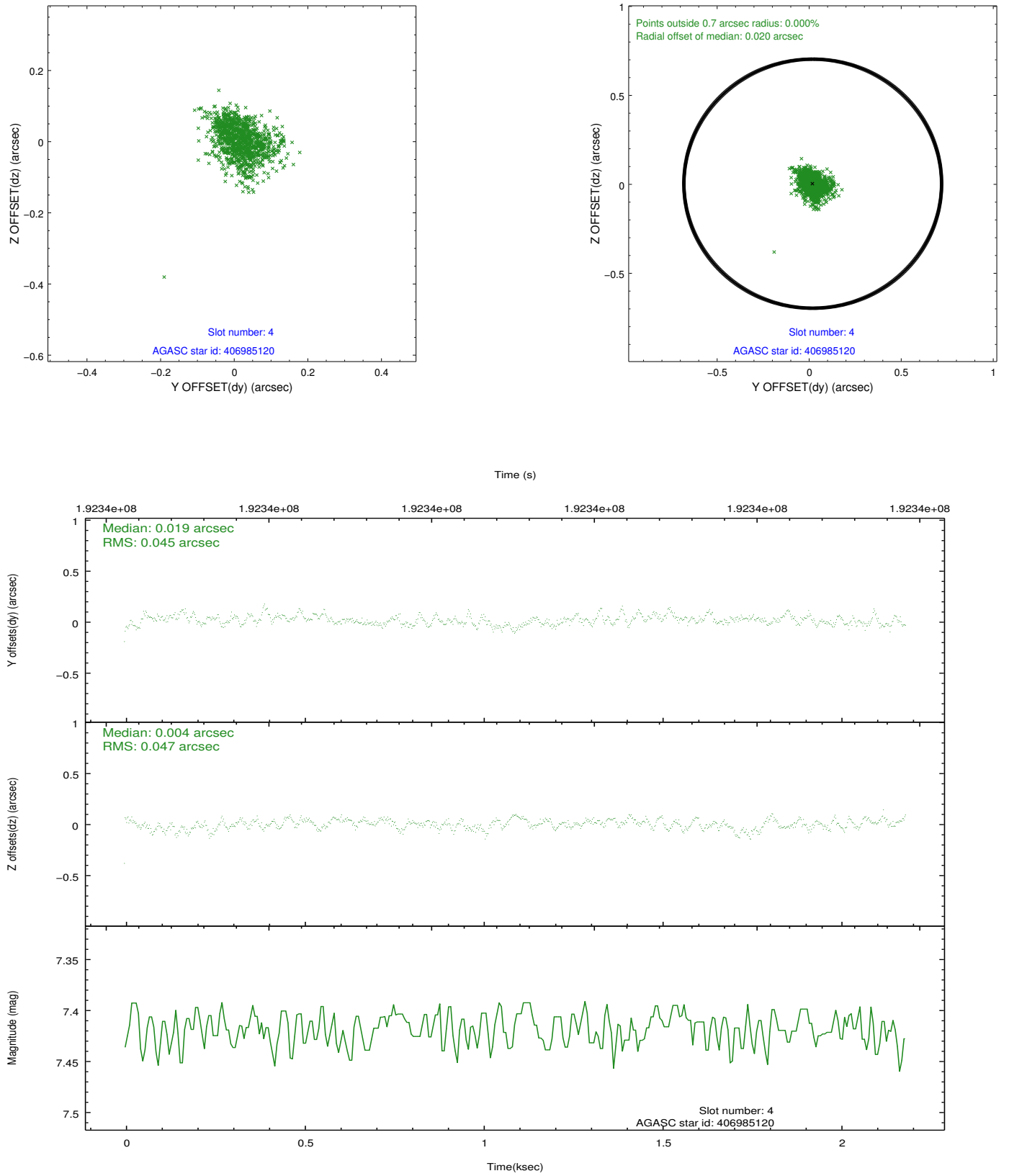
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.02	533	0.126	-0.112	0.008	0.014	0.000000	0.000000	-1161.84	-460.92
1	FID	HRC-S-2	7.02	533	0.145	-0.105	0.006	0.011	0.000000	0.000000	1235.68	-454.38
2	FID	HRC-S-3	7.04	533	0.120	-0.085	0.008	0.014	0.000000	0.000000	-1162.26	567.79
3	GUIDE	406983600	8.93	1066	-0.013	0.007	0.078	0.128	279.940957	39.020708	2121.47	-600.38
4	GUIDE	406985120	7.42	1066	0.019	0.004	0.067	0.113	278.839732	38.894839	-495.48	1087.77
5	GUIDE	406989616	8.23	1063	0.041	0.019	0.066	0.108	279.202881	38.520843	-623.08	-595.16
6	GUIDE	406990192	8.99	1066	-0.007	-0.069	0.080	0.126	278.510952	38.533654	-2052.09	728.98
7	GUIDE	406993992	7.62	1065	-0.043	0.040	0.060	0.097	279.053714	38.034587	-2097.15	-1631.83

2.4 Star Slots

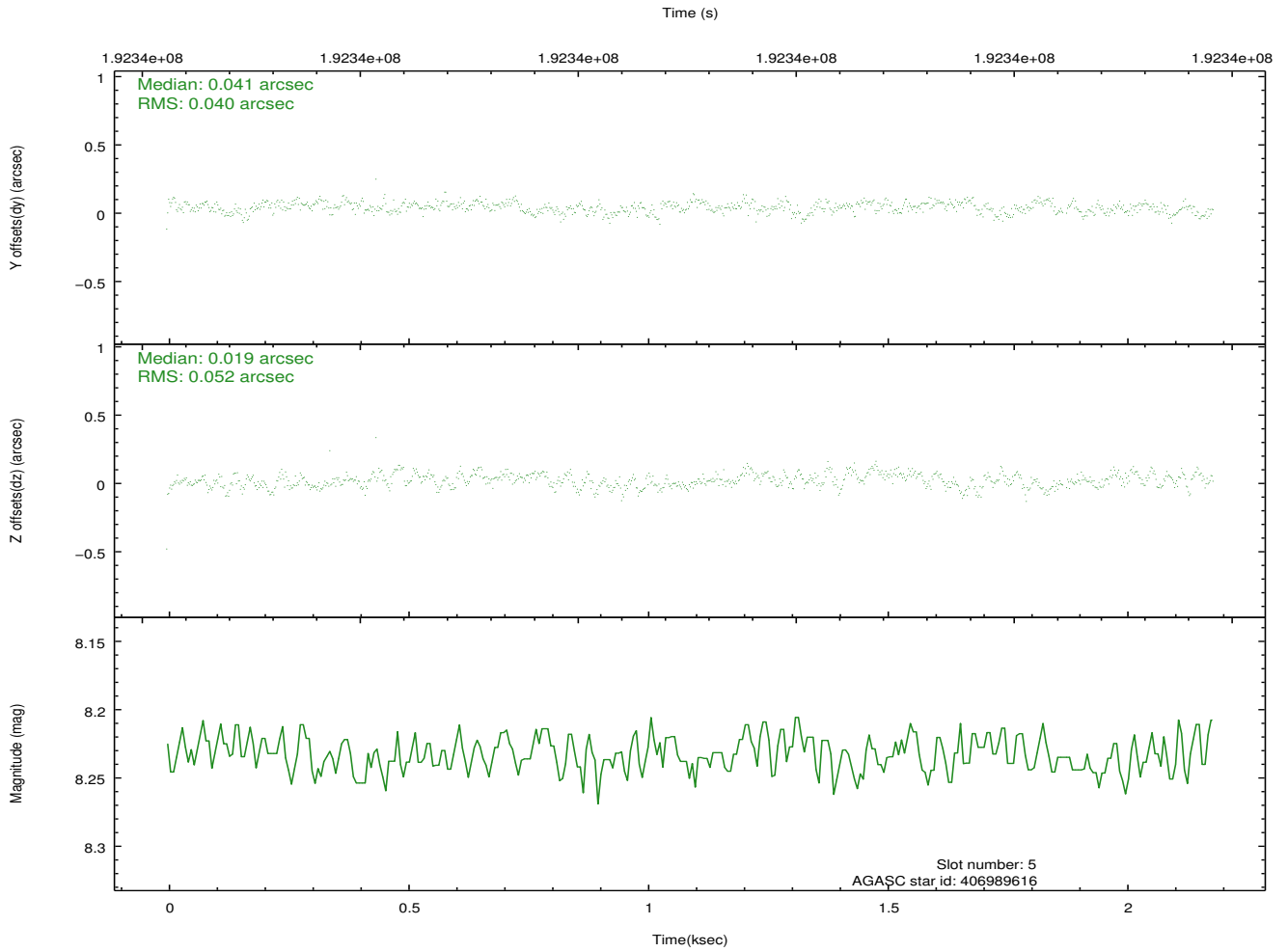
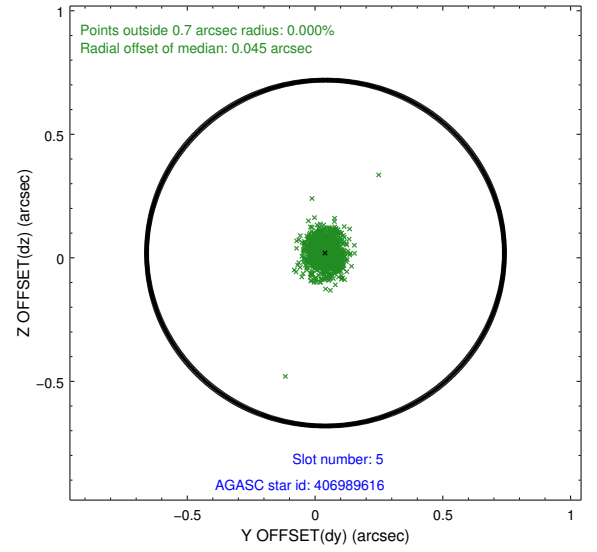
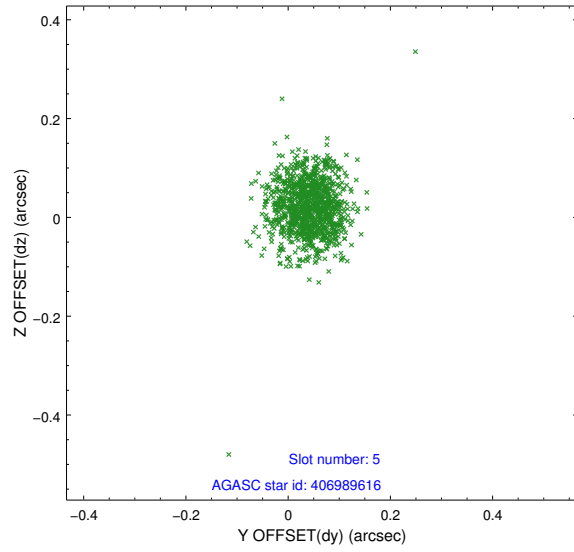
2.4.1 Slot 3



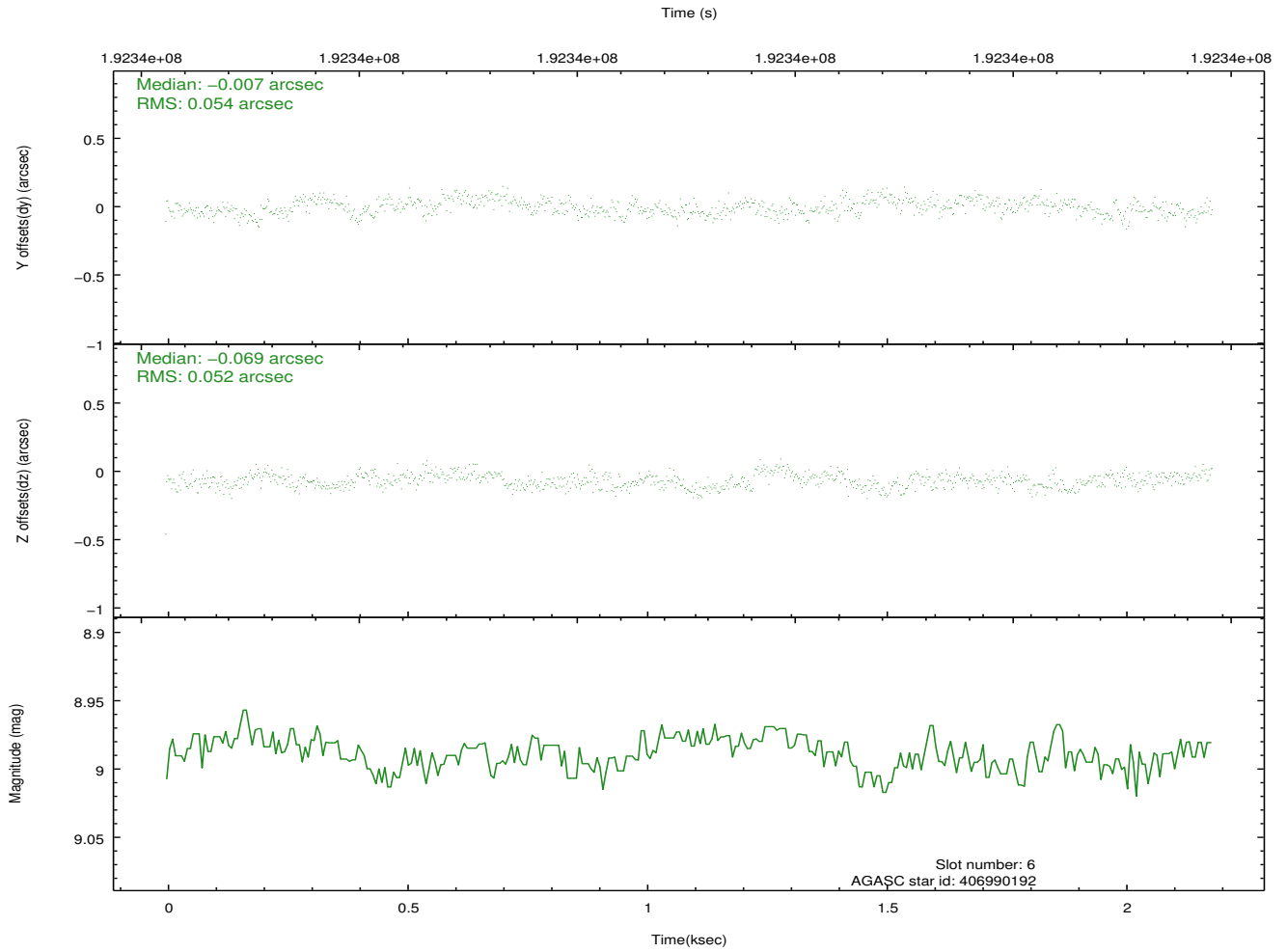
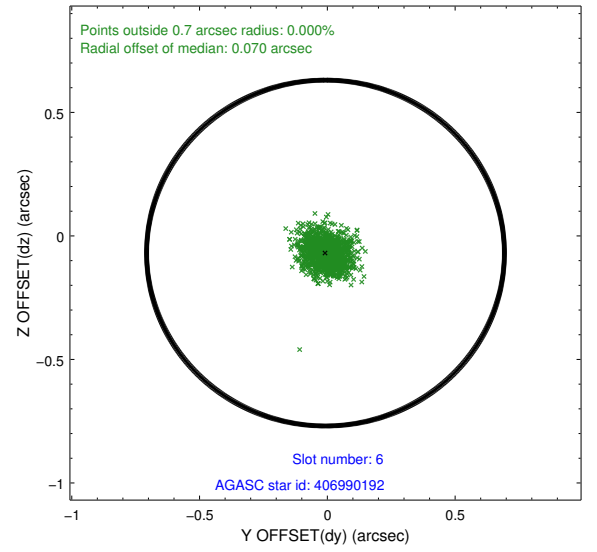
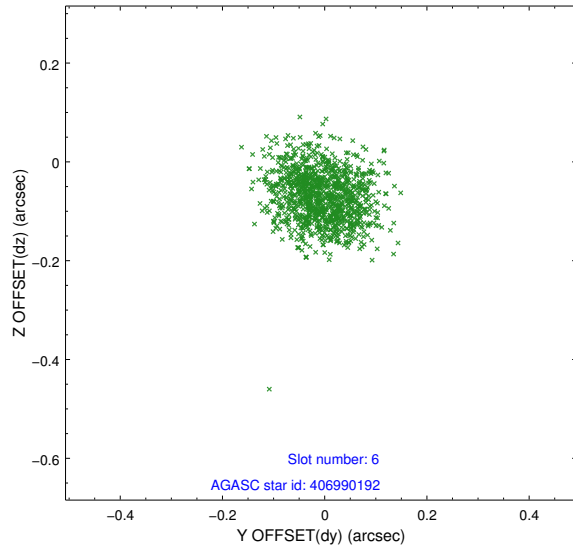
2.4.2 Slot 4



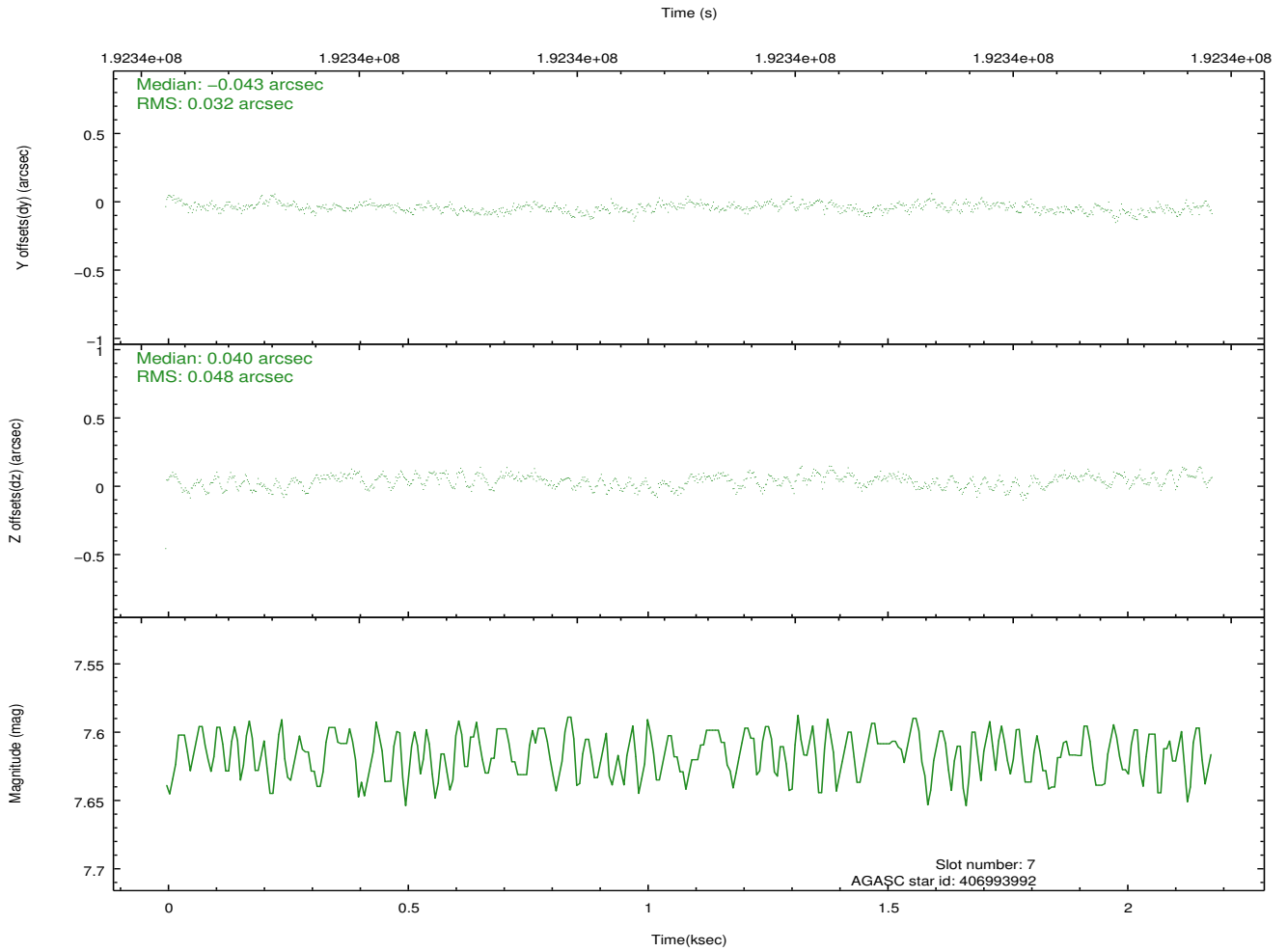
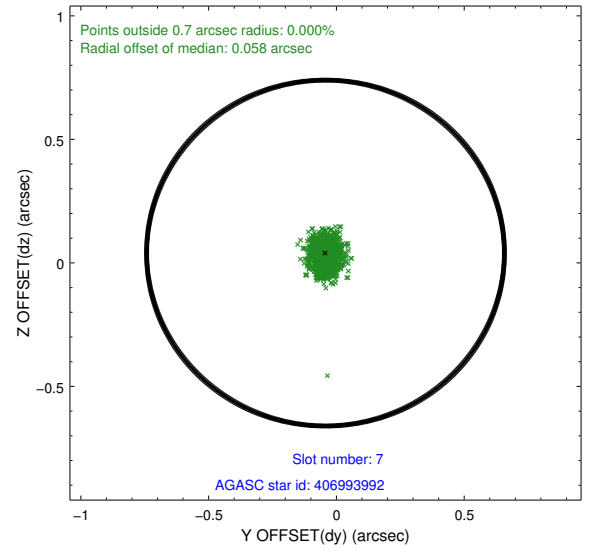
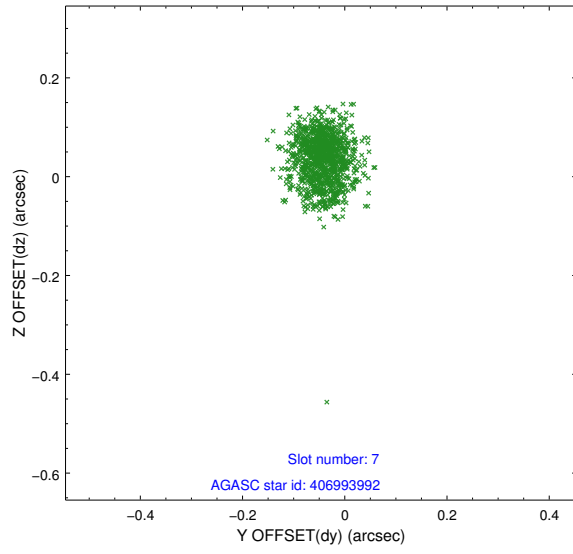
2.4.3 Slot 5



2.4.4 Slot 6

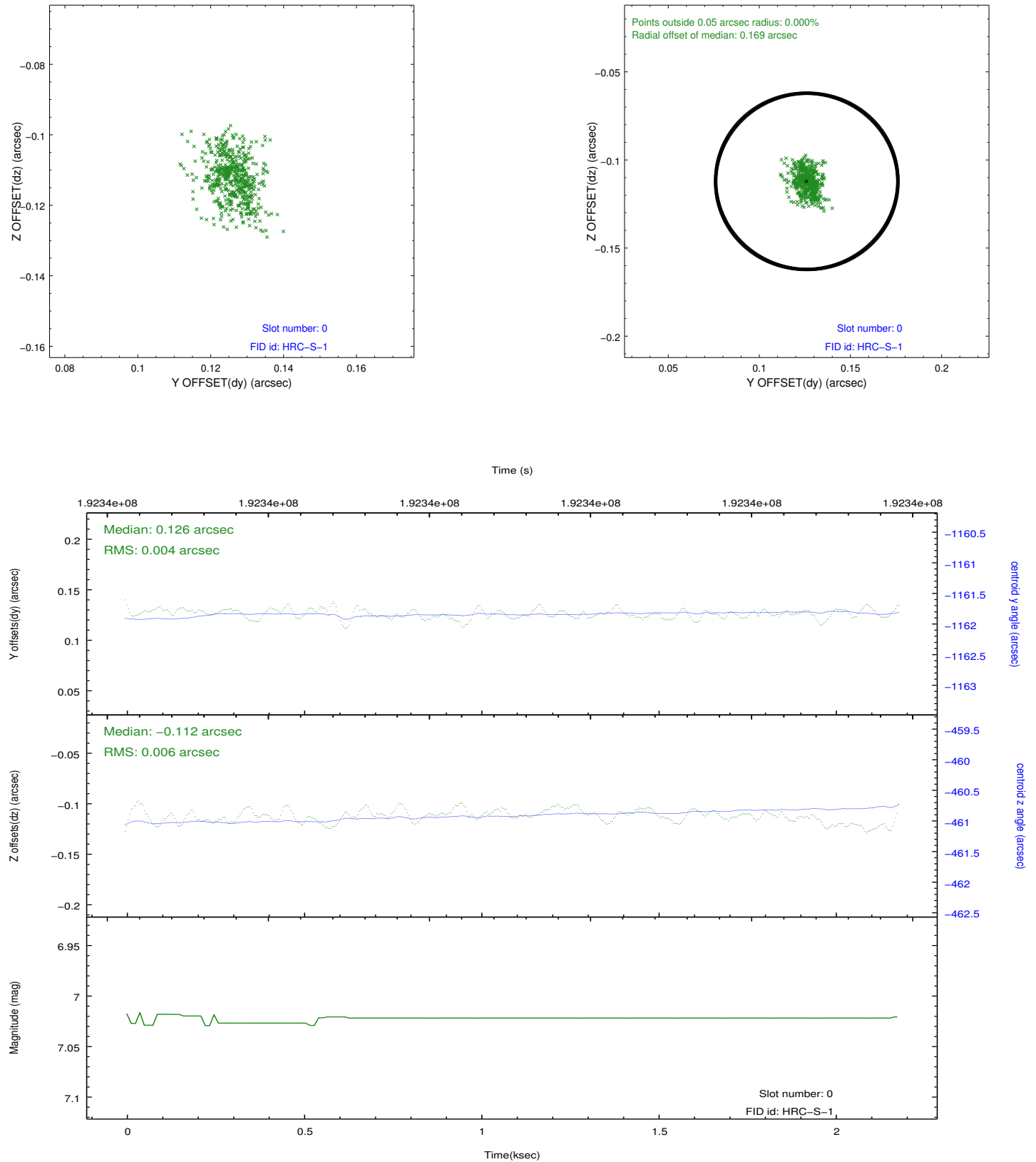


2.4.5 Slot 7

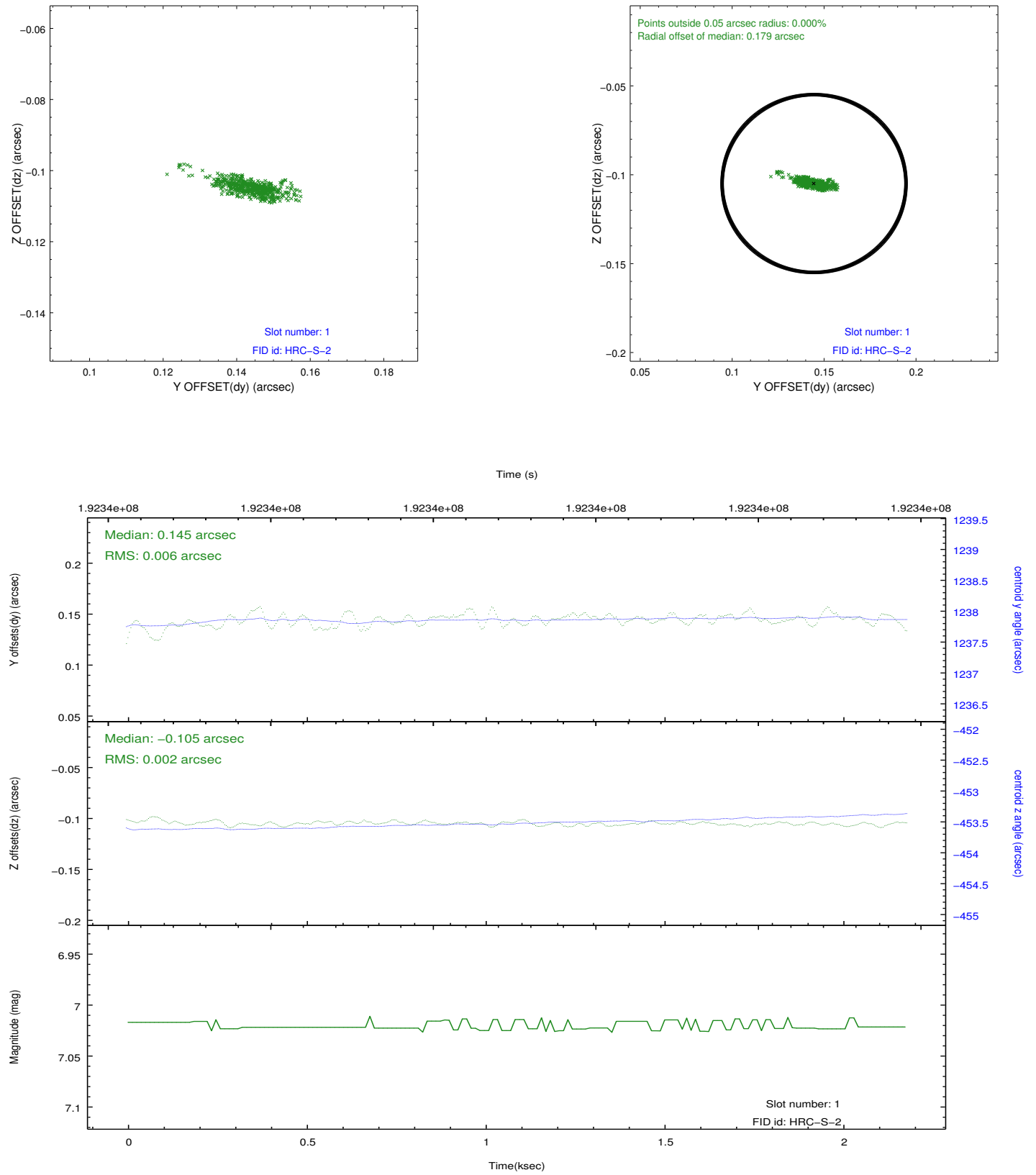


2.5 FID Slots

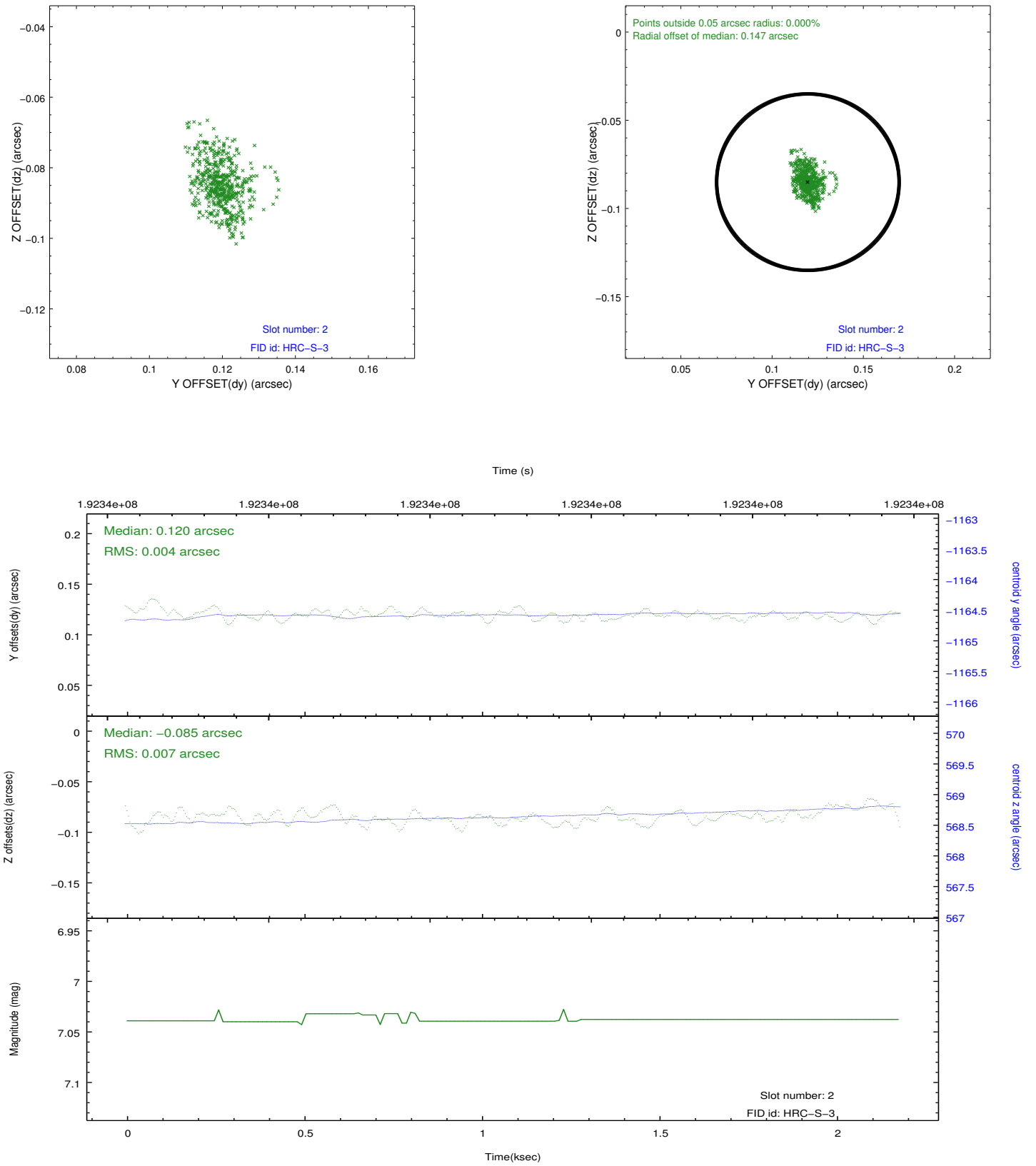
2.5.1 Slot 0



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)	2012.12.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.842

A.2 Comments

Window constraint satisfied.