

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 6013 - L2 Version 3
Chandra X-Ray Center

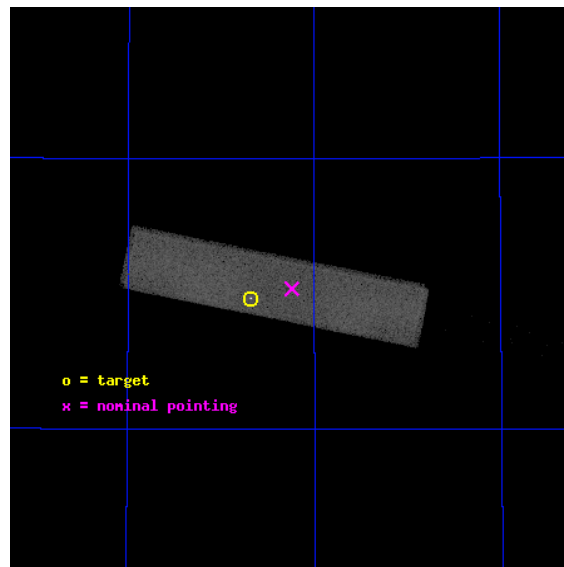
L2 Processing Date : Mar 15 2013

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1 Front

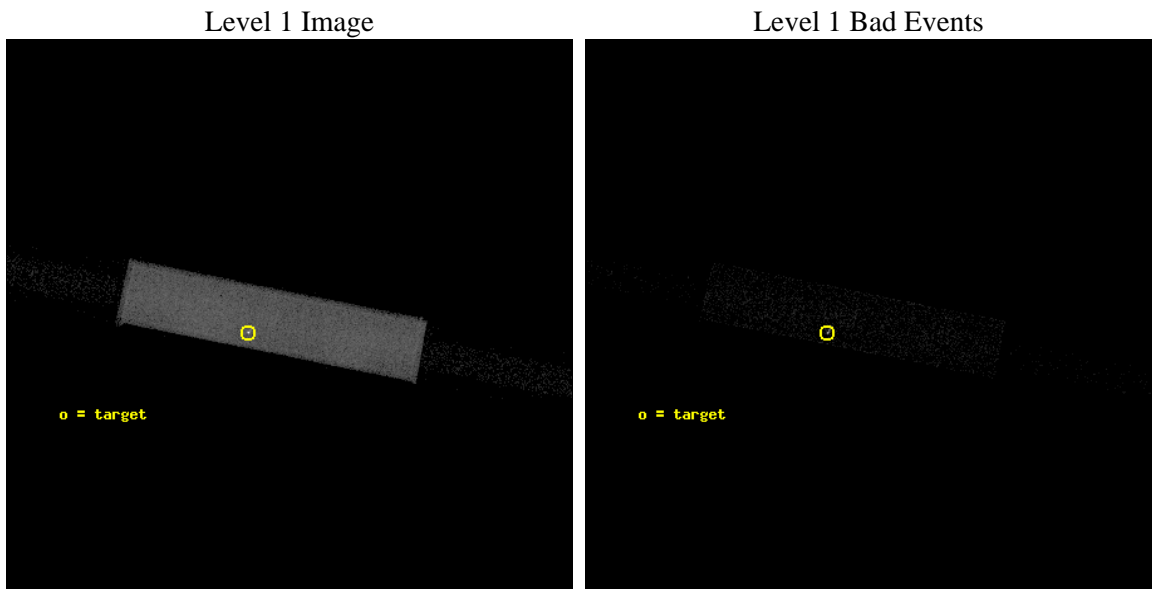
seq_num	290505	Sequence number
obs_id	6013	Observation id
title	AO6B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.0602181972	Nominal RA [deg]
dec_nom	45.760082315109	Nominal Dec [deg]
roll_nom	191.25856744294	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1151.0750528574	[s]
livetime	1139.4194915505	Ontime multiplied by DTCOR
l2events	86474	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	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	1151.0750528574	[s]
caldsver	4.5.5	 	l1events	137434	Number of level 1 events
date	2012-12-28T18:46:22	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

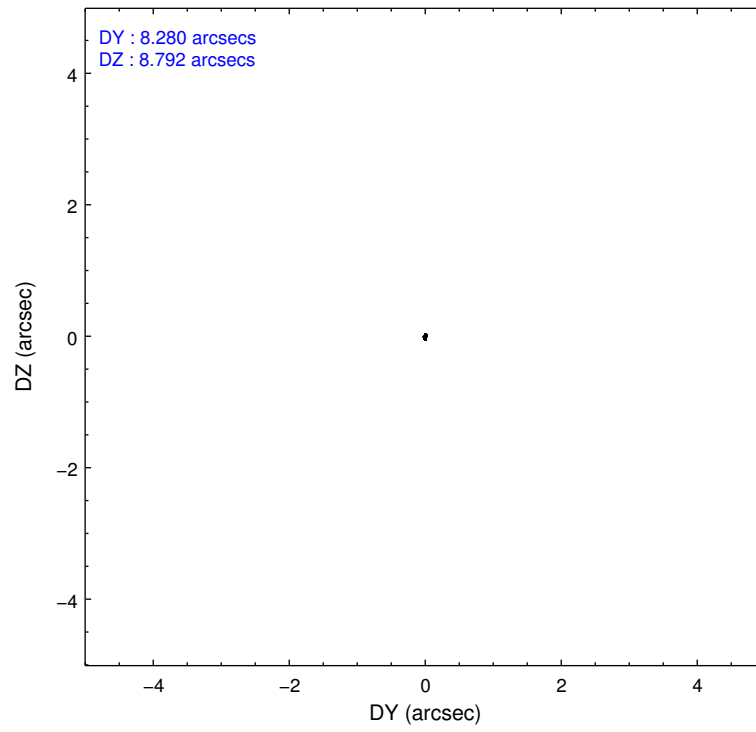
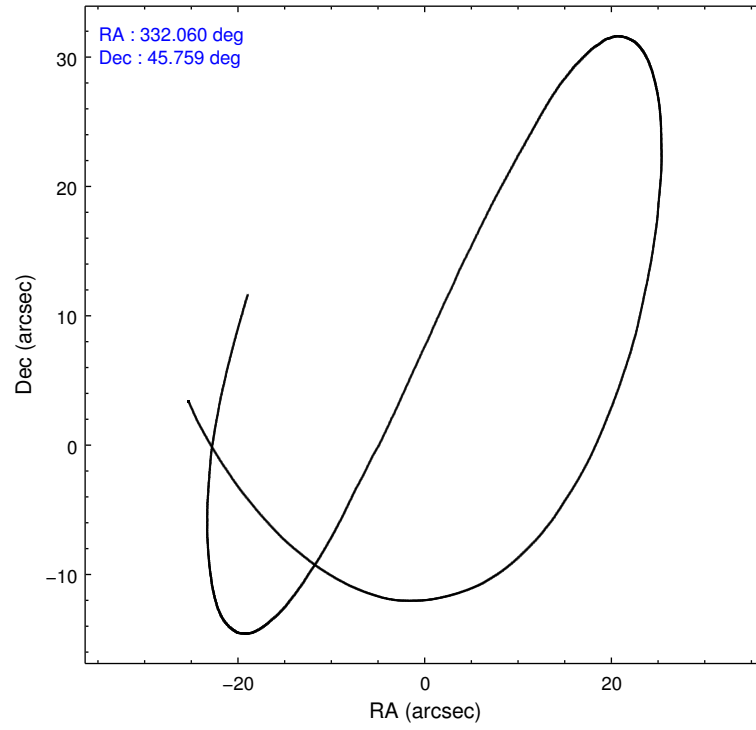
Level 1 Events

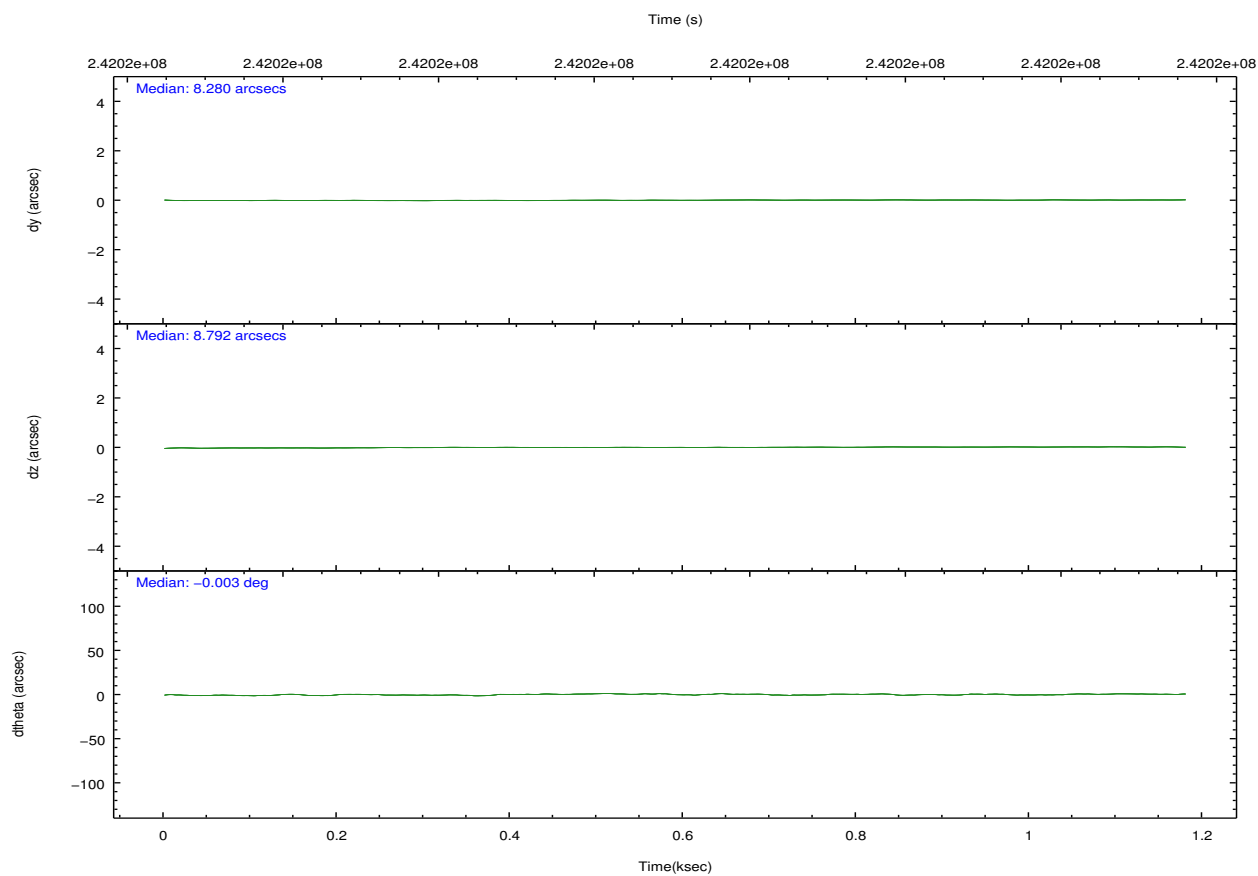
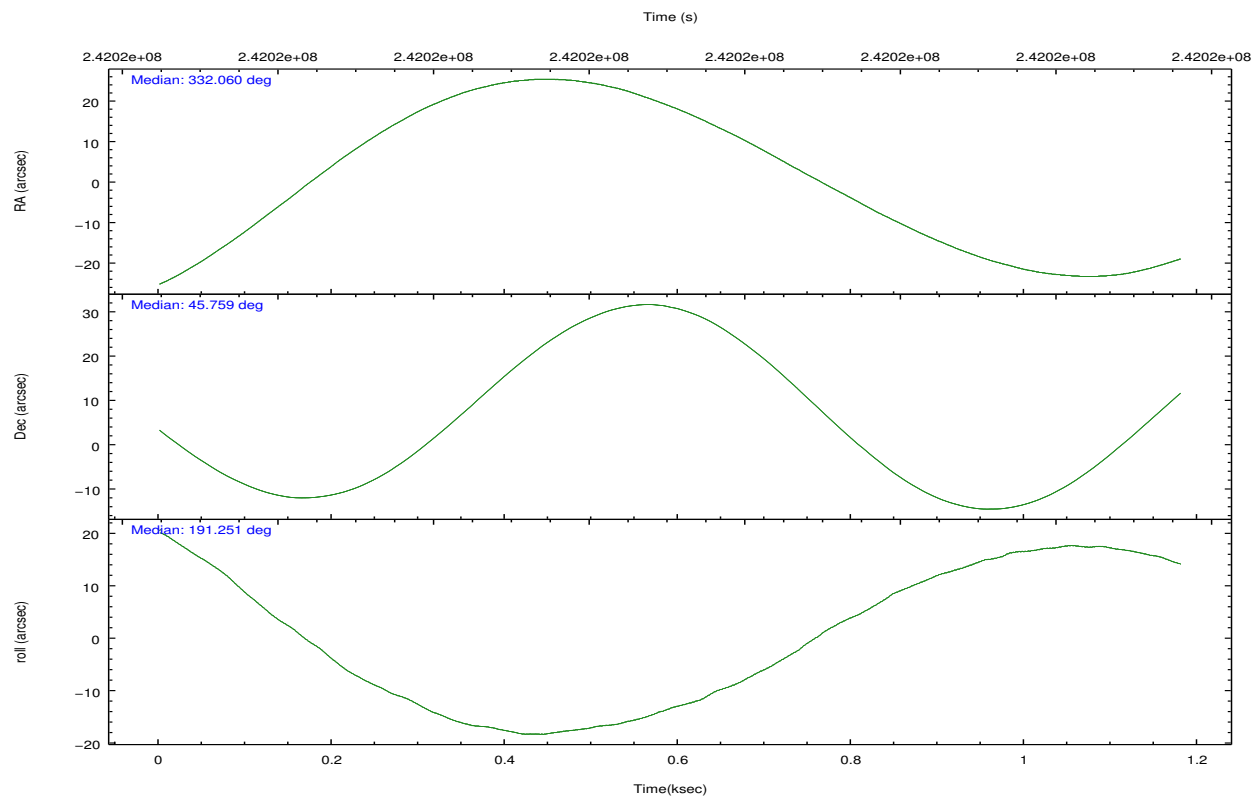
	segment 1	segment 2	segment 3
level 1 events	1607	134328	1499
rejected events	1607	35350	1470
rejected %	100%	26%	98%

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	332.089858	332.0602181971988			
[deg] Pointing Dec	45.781233	45.76008231510941			
[deg] Pointing Roll	191.169968	191.258567442942			
[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)	242017894.184000	242017518.58434			
Observation start date	2005-09-02T03:10:30	2005-09-02T03:05:18			
[s] Observation end time (MET)	242018894.184000	242019028.40941			
Observation end date	2005-09-02T03:27:10	2005-09-02T03:30:28			

2.3 Aspect



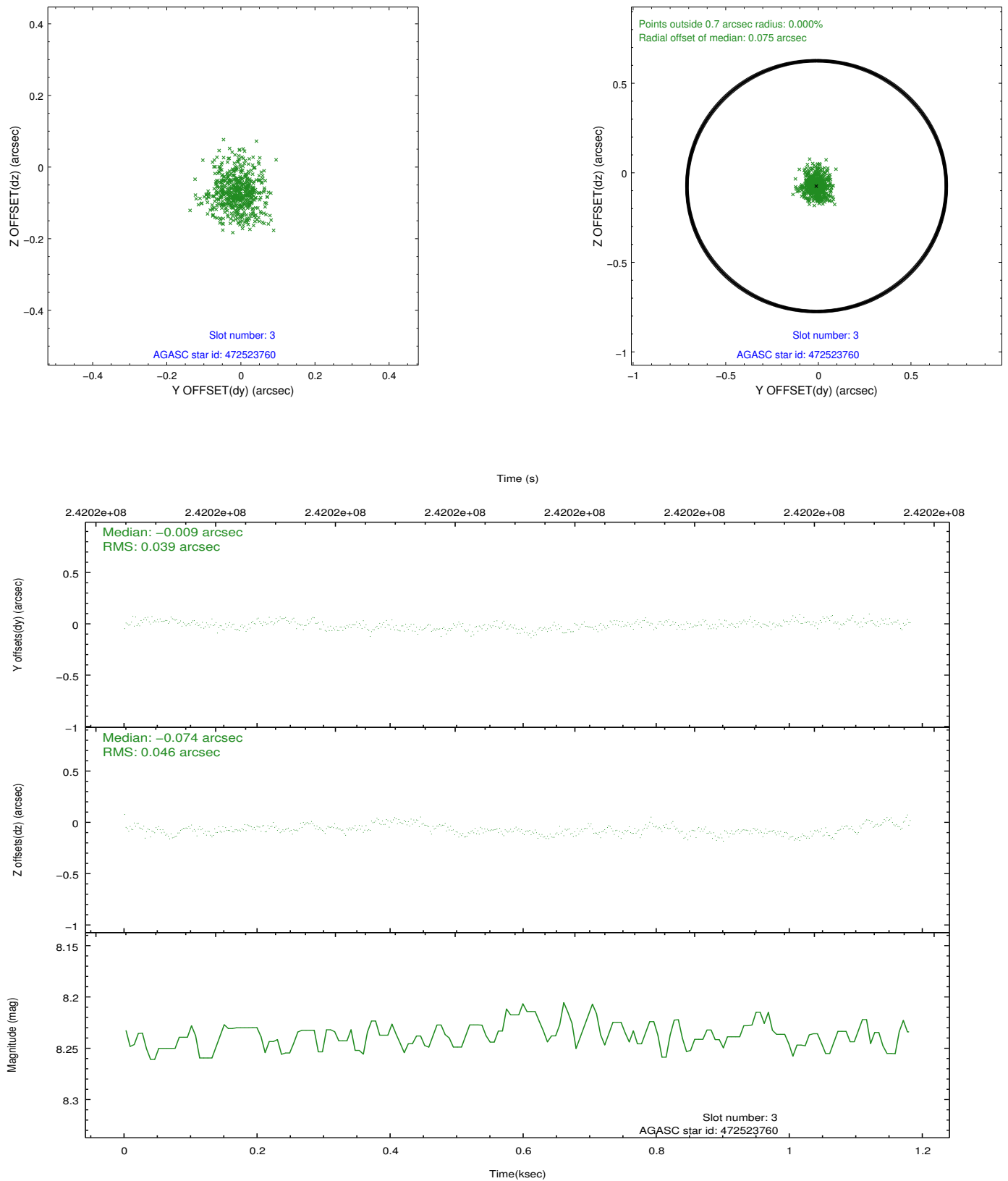


Slot Statistics

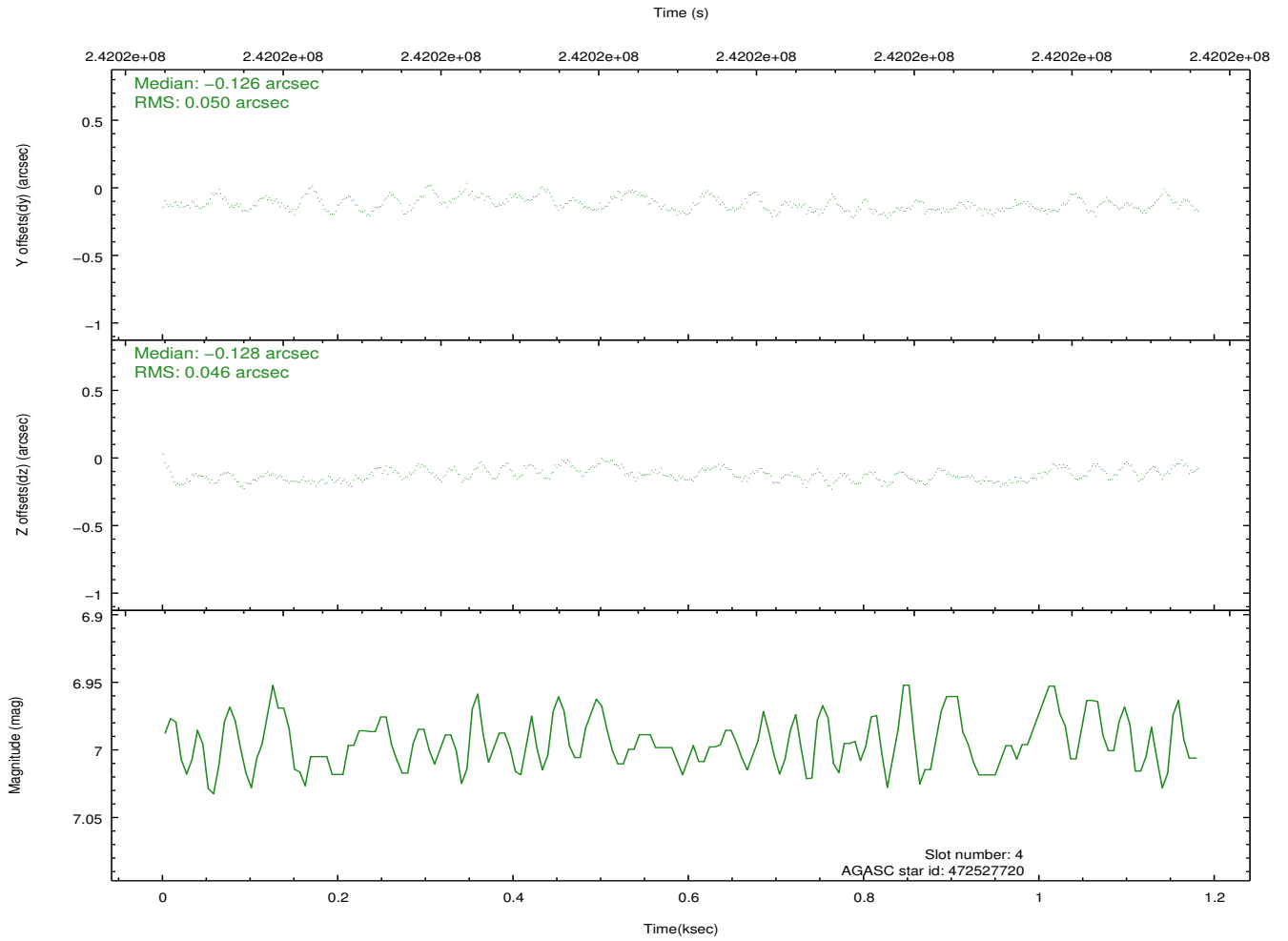
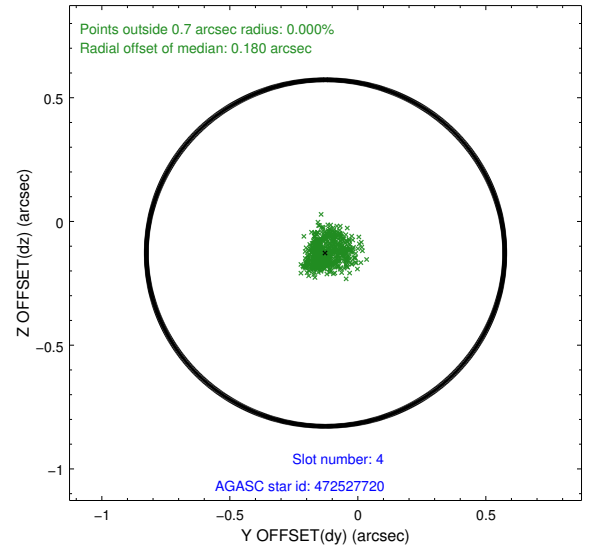
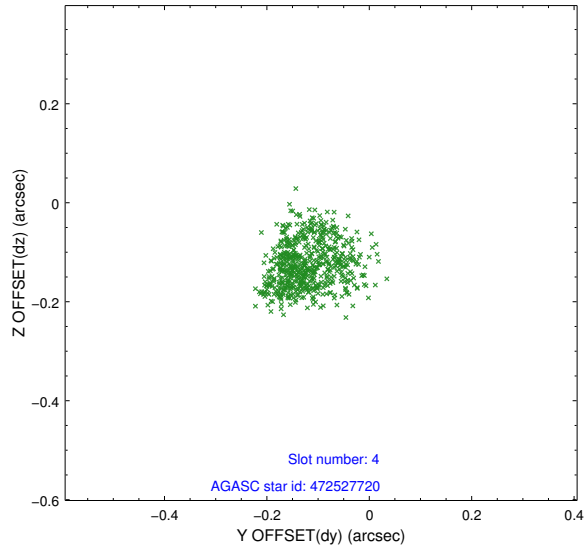
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.04	288	0.158	-0.169	0.006	0.011	0.000000	0.000000	-1162.44	-457.45
1	FID	HRC-S-2	7.03	288	0.132	-0.113	0.005	0.009	0.000000	0.000000	1233.18	-451.63
2	FID	HRC-S-3	7.05	288	0.100	-0.020	0.007	0.011	0.000000	0.000000	-1160.93	570.66
3	GUIDE	472523760	8.24	577	-0.009	-0.074	0.065	0.107	331.645363	45.403260	1364.07	1110.18
4	GUIDE	472527720	7.00	577	-0.126	-0.128	0.075	0.113	331.460205	45.112509	2035.53	2043.69
5	GUIDE	472533912	9.15	577	-0.006	0.041	0.110	0.173	331.791136	46.368695	320.78	-2220.49
6	GUIDE	472535576	7.86	577	-0.126	0.123	0.064	0.104	331.438373	46.291802	1232.23	-2131.45
7	GUIDE	472665256	9.00	576	0.262	0.039	0.086	0.144	332.808125	46.195041	-2044.64	-1130.82

2.4 Star Slots

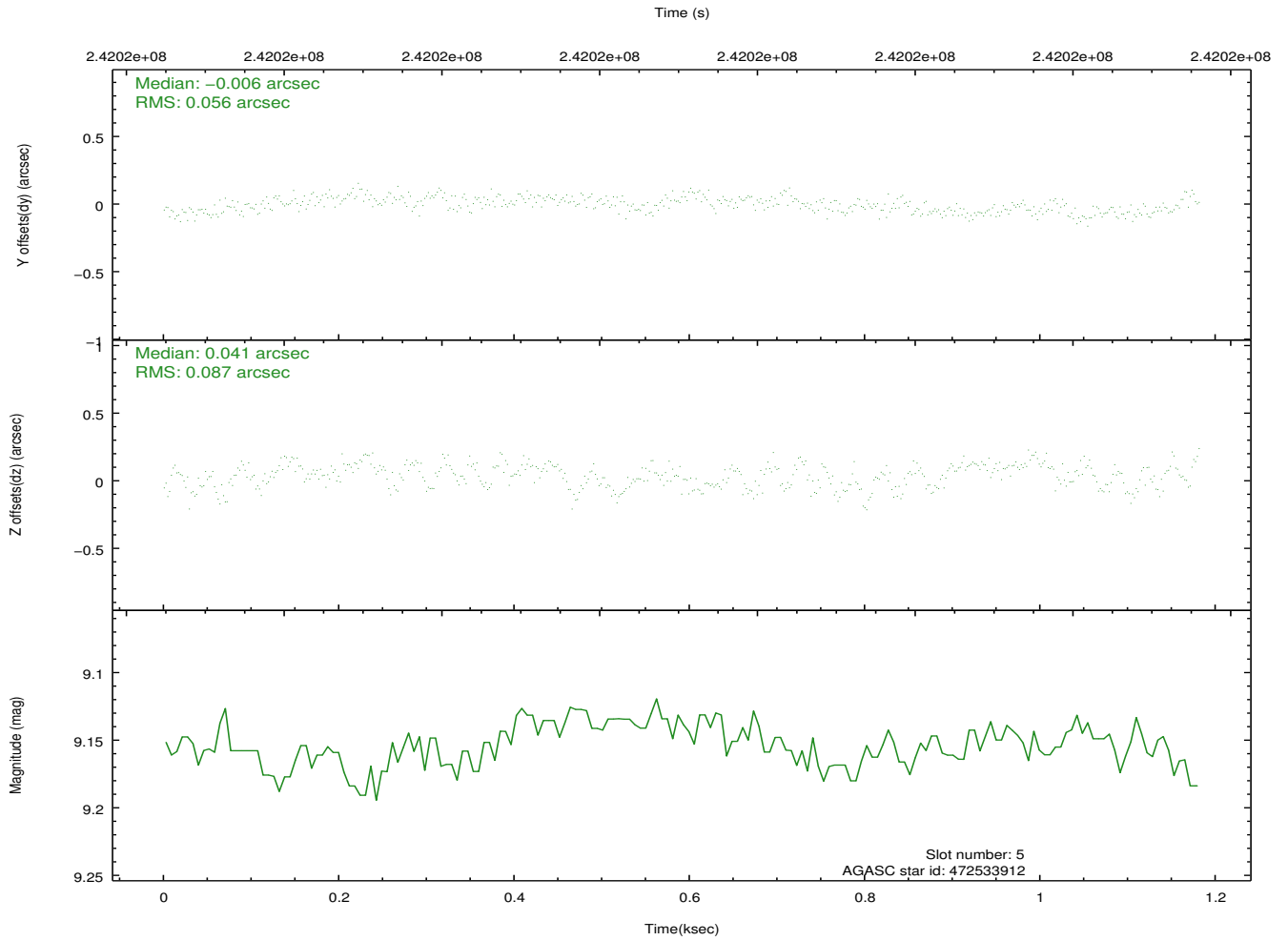
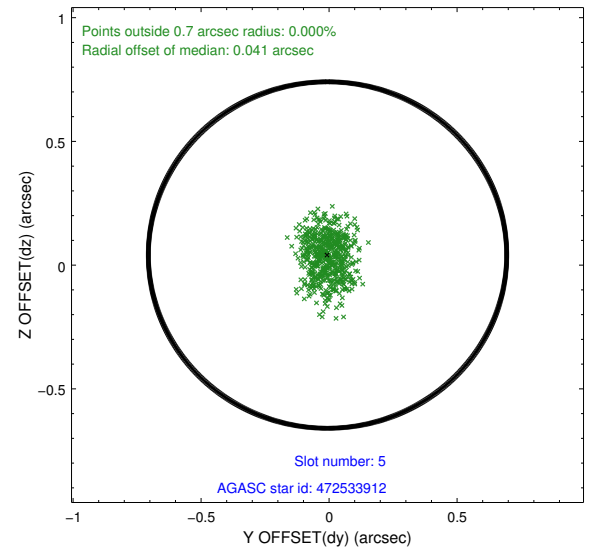
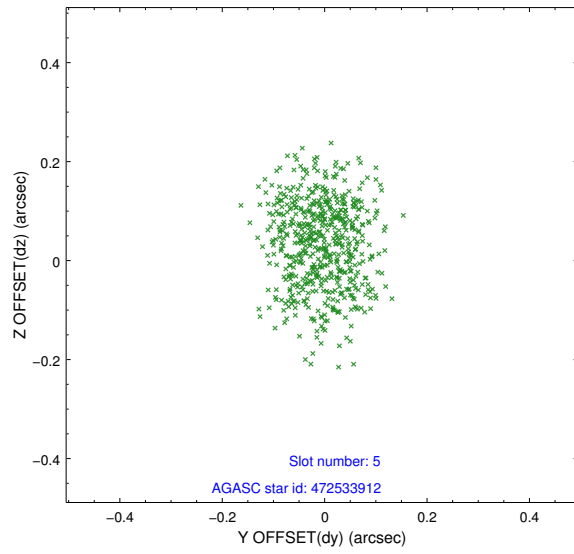
2.4.1 Slot 3



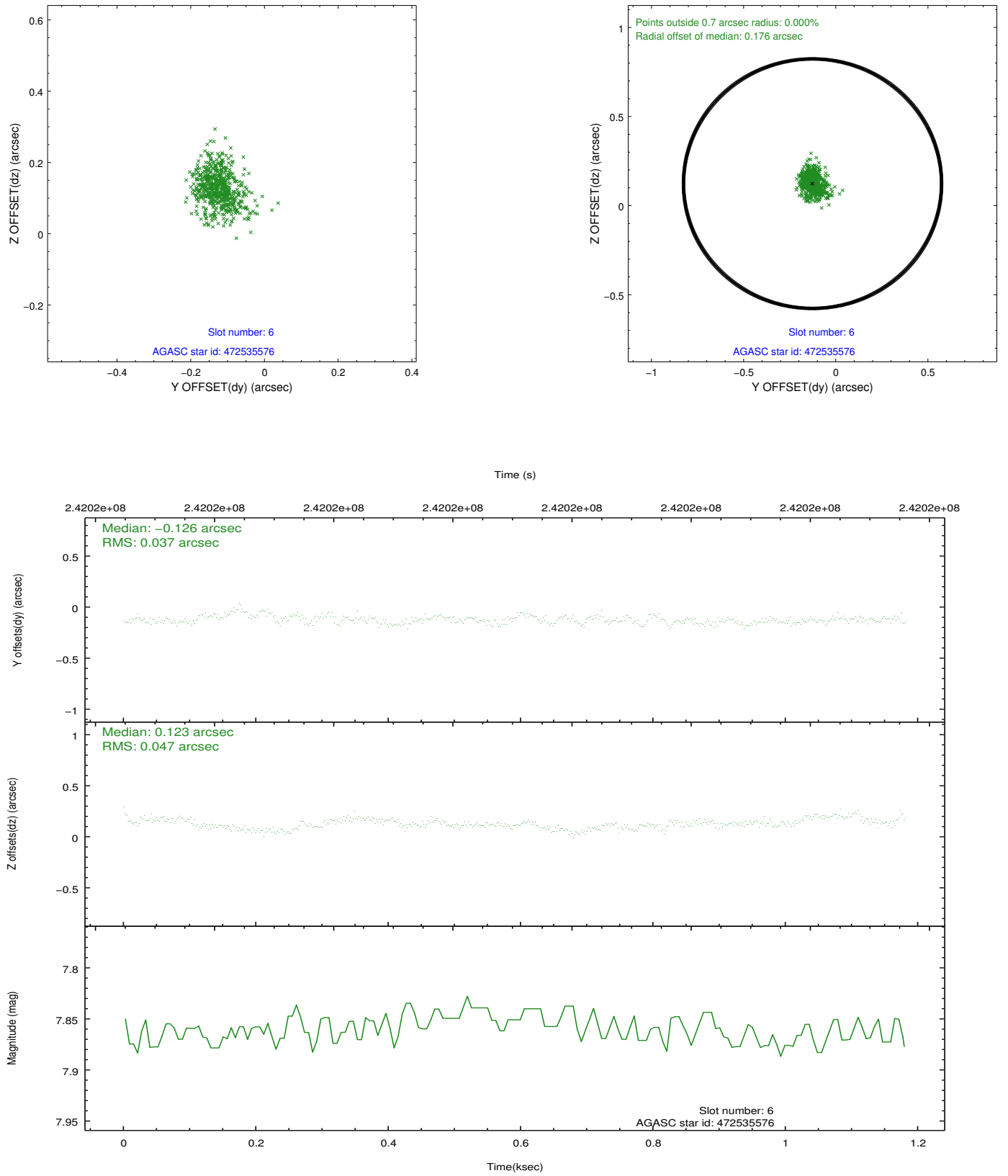
2.4.2 Slot 4



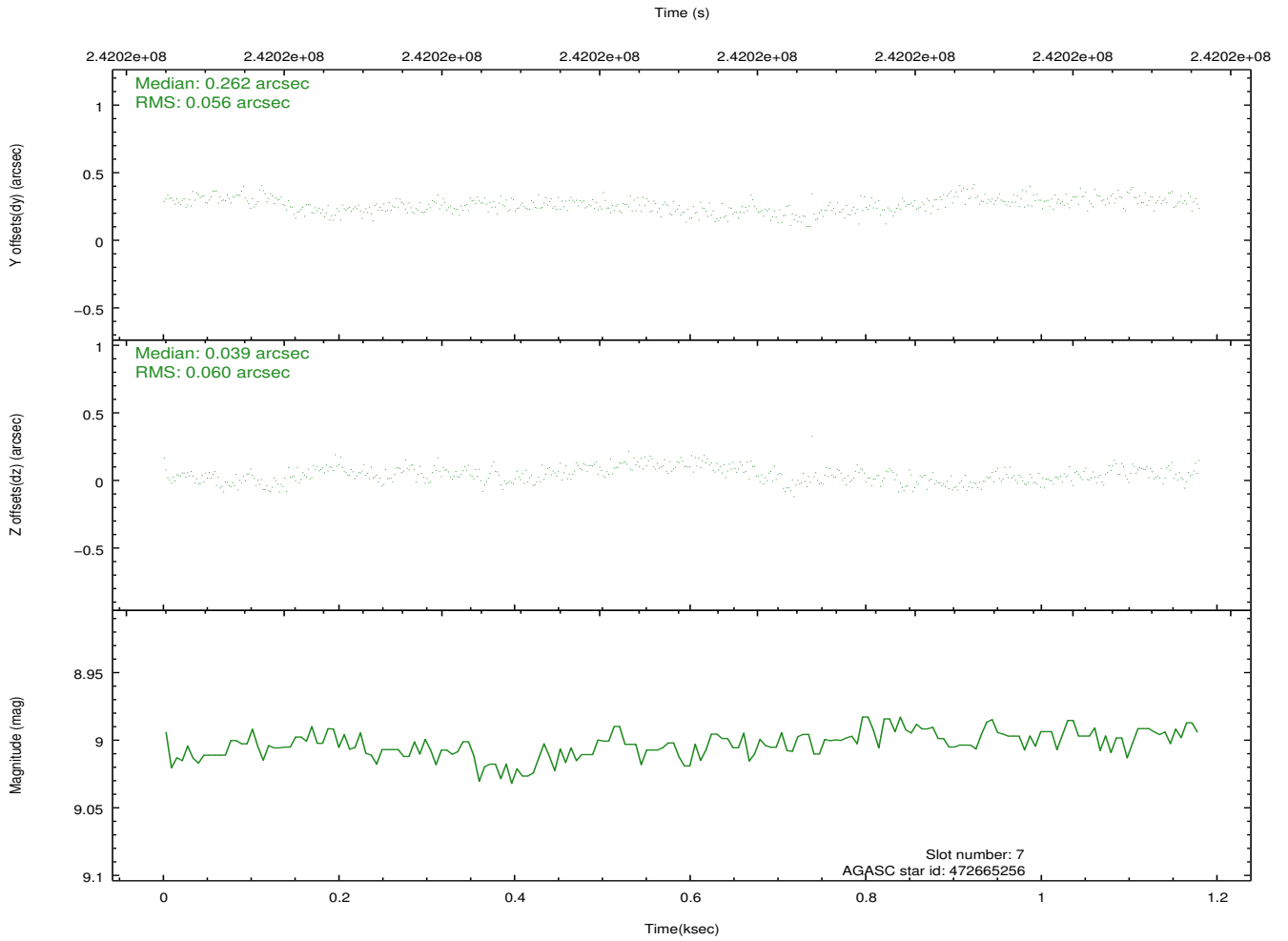
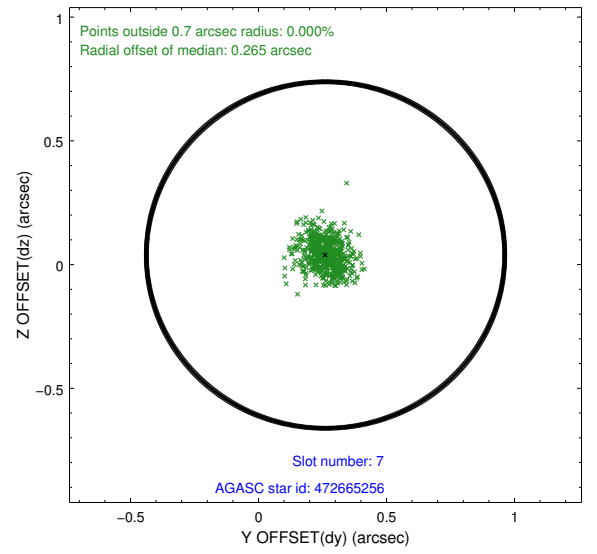
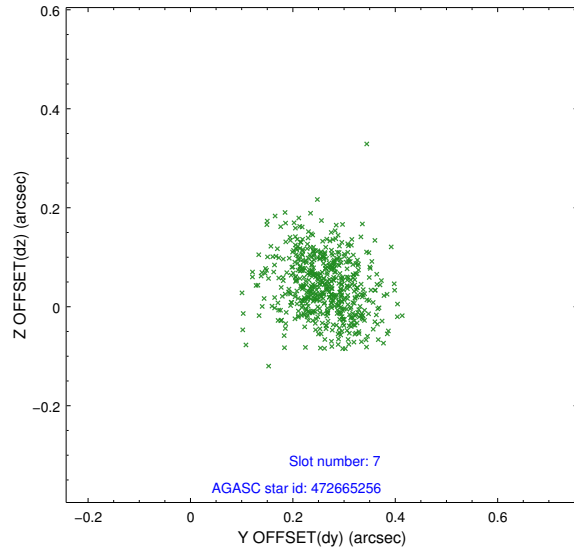
2.4.3 Slot 5



2.4.4 Slot 6

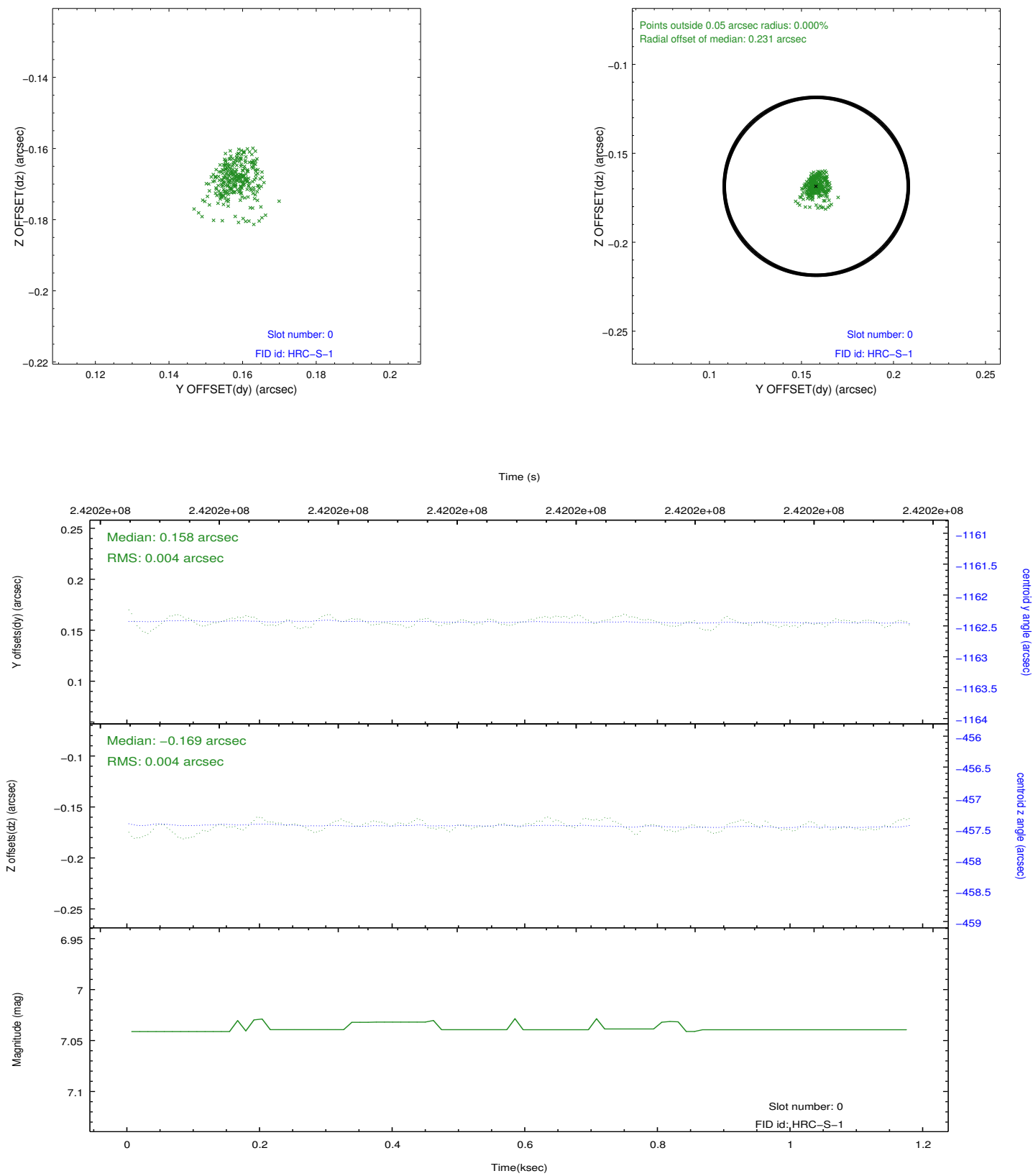


2.4.5 Slot 7

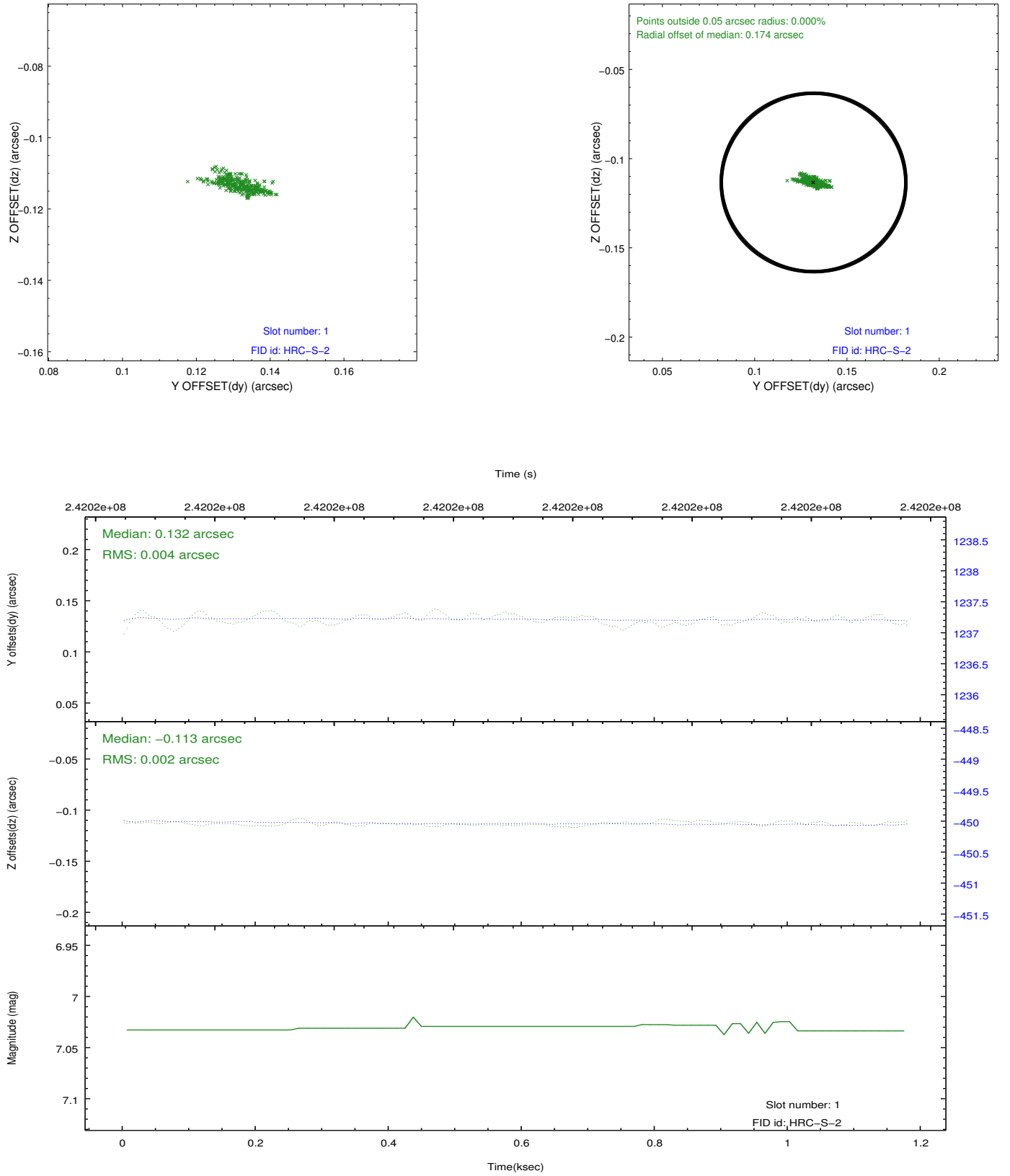


2.5 FID Slots

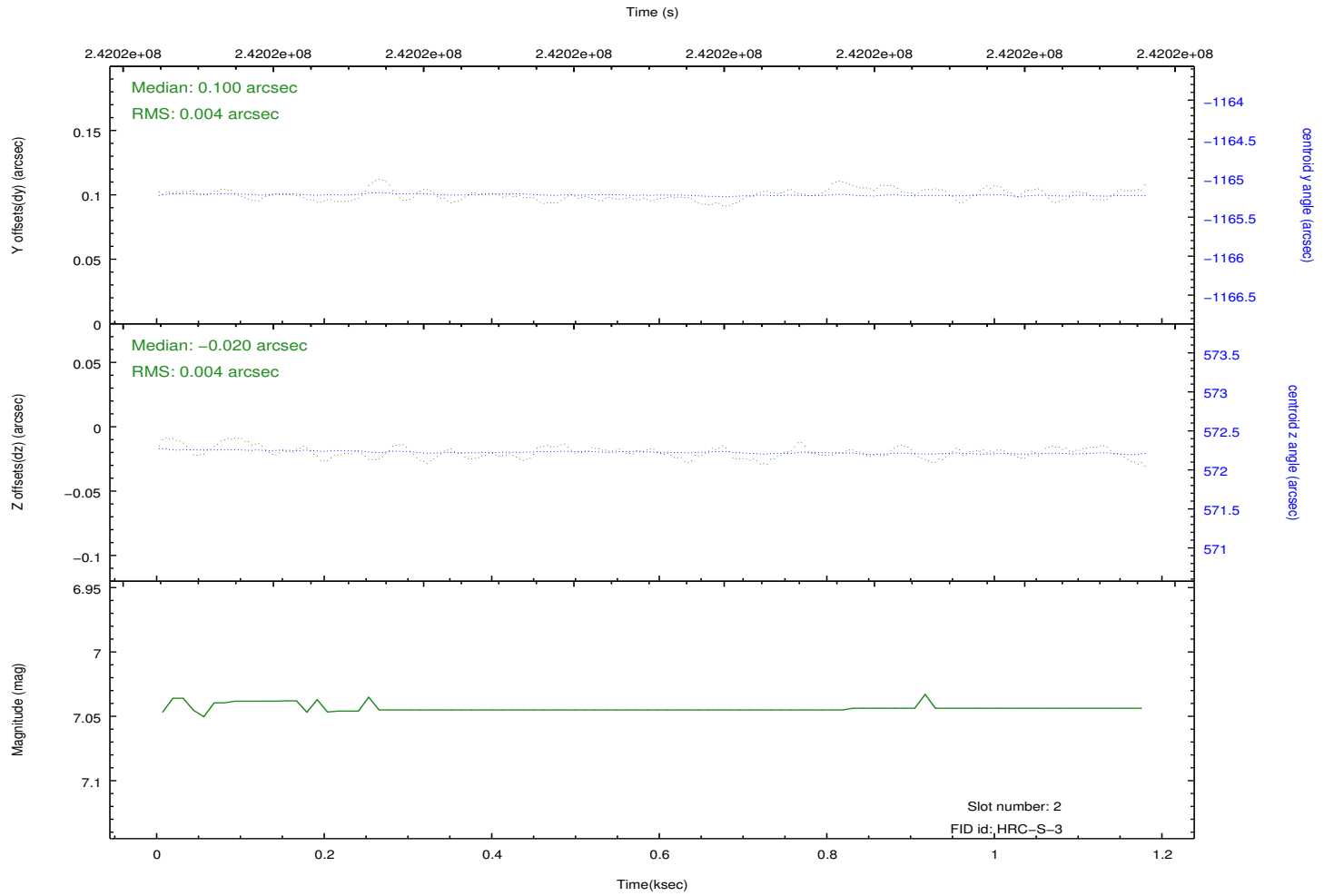
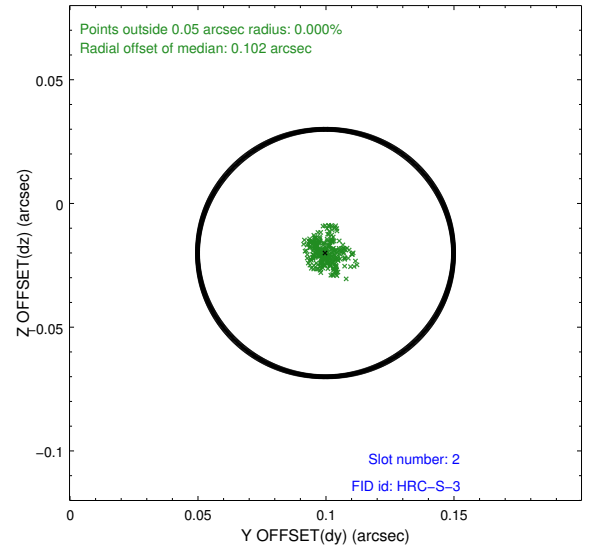
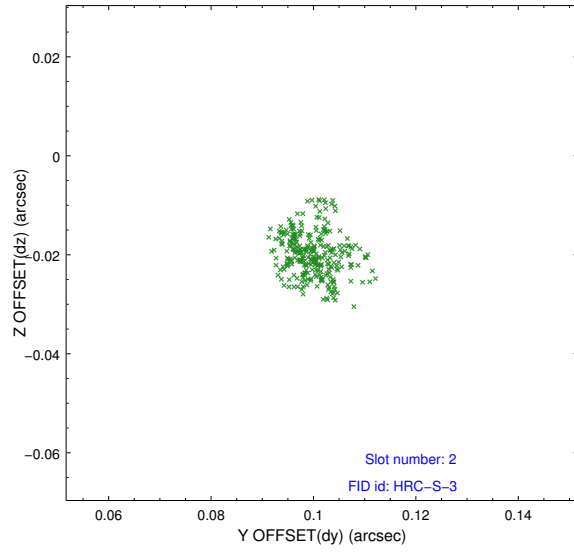
2.5.1 Slot 0



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)	2013.03.19
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	1.151331

A.2 Comments