

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 6039 - L2 Version 3
Chandra X-Ray Center

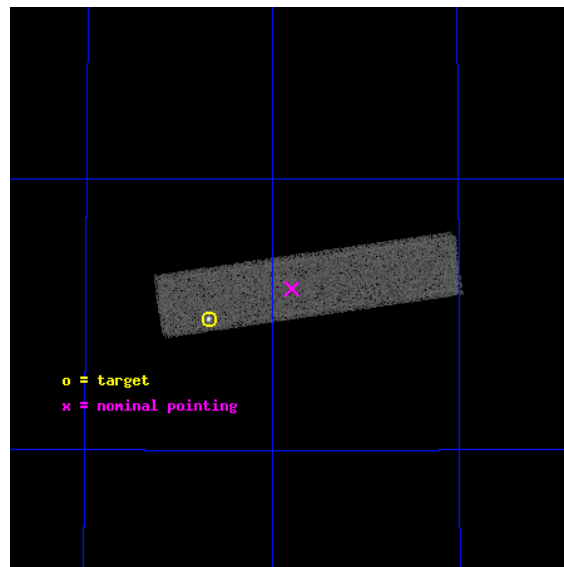
L2 Processing Date : Dec 17 2012

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1 Front

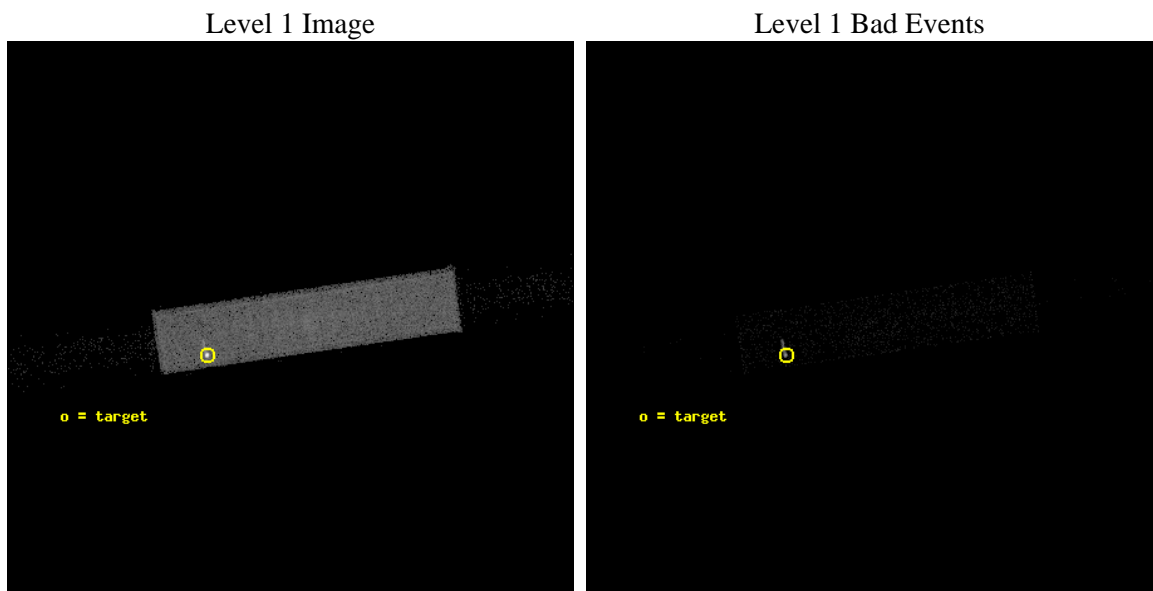
seq_num	290531	Sequence number
obs_id	6039	Observation id
title	AO6A Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	331.947145005	Nominal RA [deg]
dec_nom	45.798451240375	Nominal Dec [deg]
roll_nom	351.7316629401	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1151.3313020766	[s]
livetime	1144.468988369	Ontime multiplied by DTCOR
l2events	47914	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	Processing system revision	ontime	1151.3313020766	[s]
caldsver	4.5.5	 	l1events	77653	Number of level 1 events
date	2012-12-17T04:33:50	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

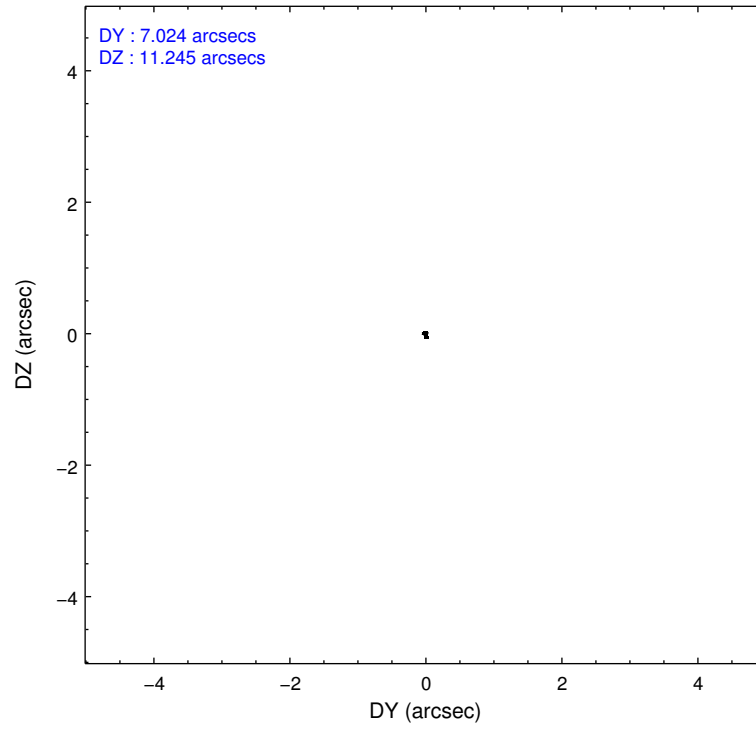
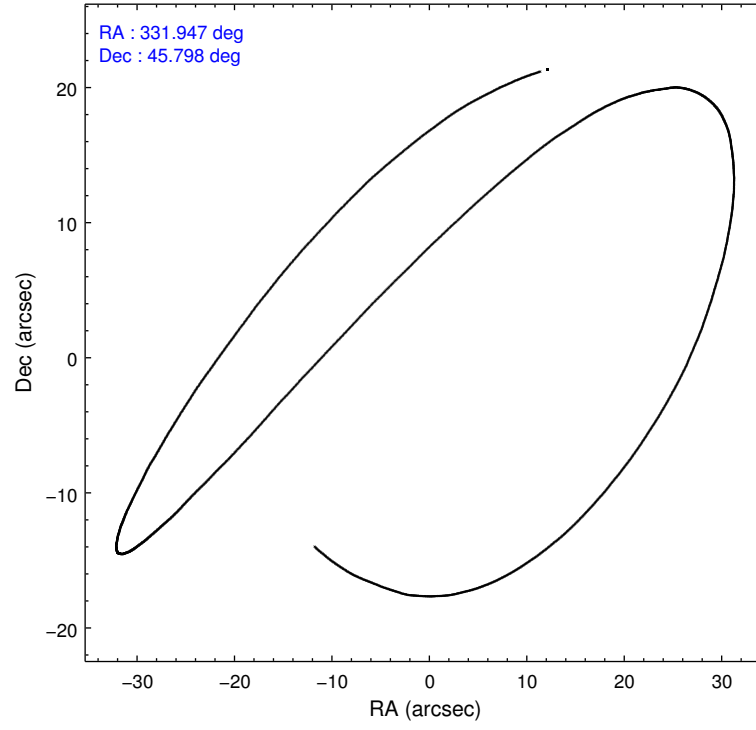
	segment 1	segment 2	segment 3
level 1 events	624	76442	587
rejected events	624	17741	587
rejected %	100%	23%	100%

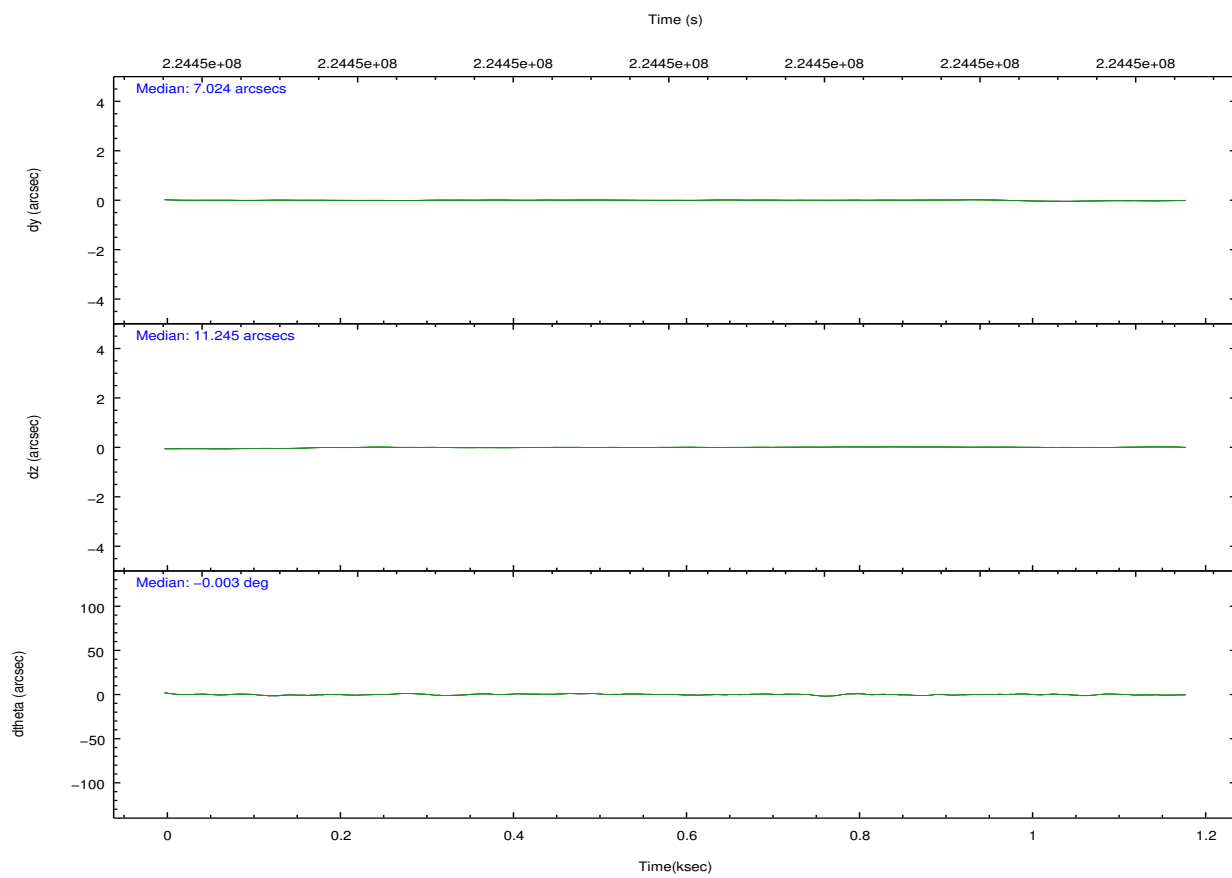
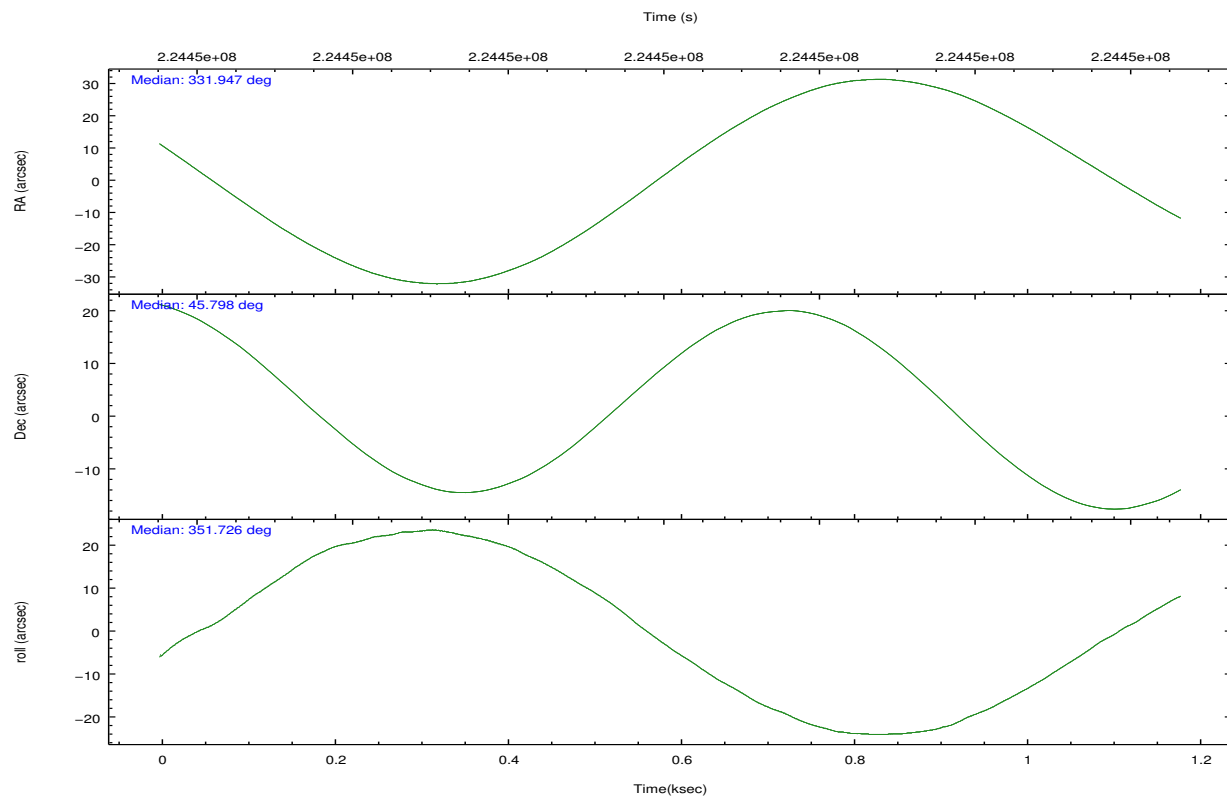
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	331.909932	331.9471450050045
[deg] Pointing Dec	45.786951	45.79845124037494
[deg] Pointing Roll	351.691029	351.7316629401013
[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)	224449393.184000	224449016.7586
Observation start date	2005-02-10T19:02:09	2005-02-10T18:56:56
[s] Observation end time (MET)	224450393.184000	224450526.58367
Observation end date	2005-02-10T19:18:49	2005-02-10T19:22:06

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

2.3 Aspect



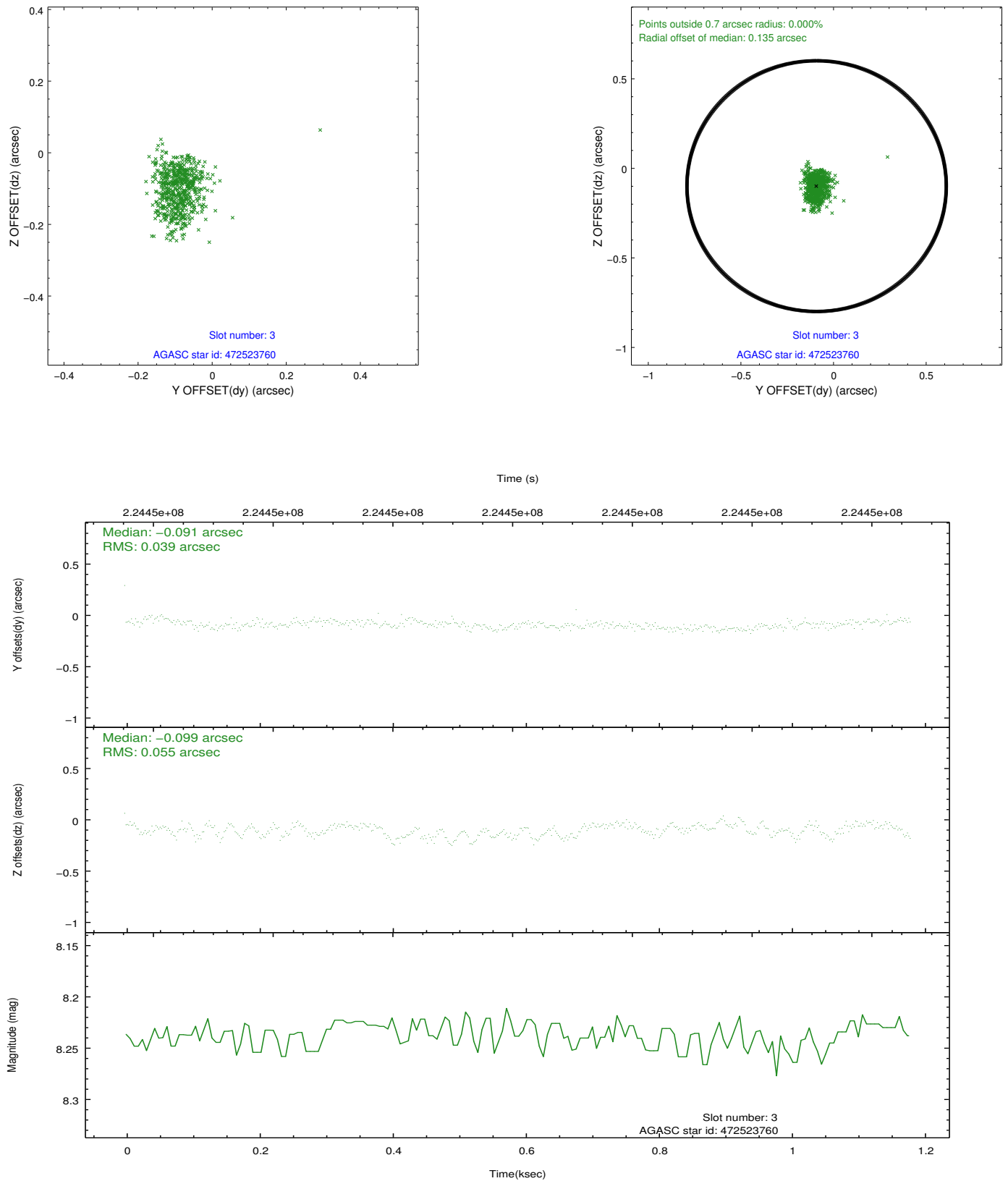


Slot Statistics

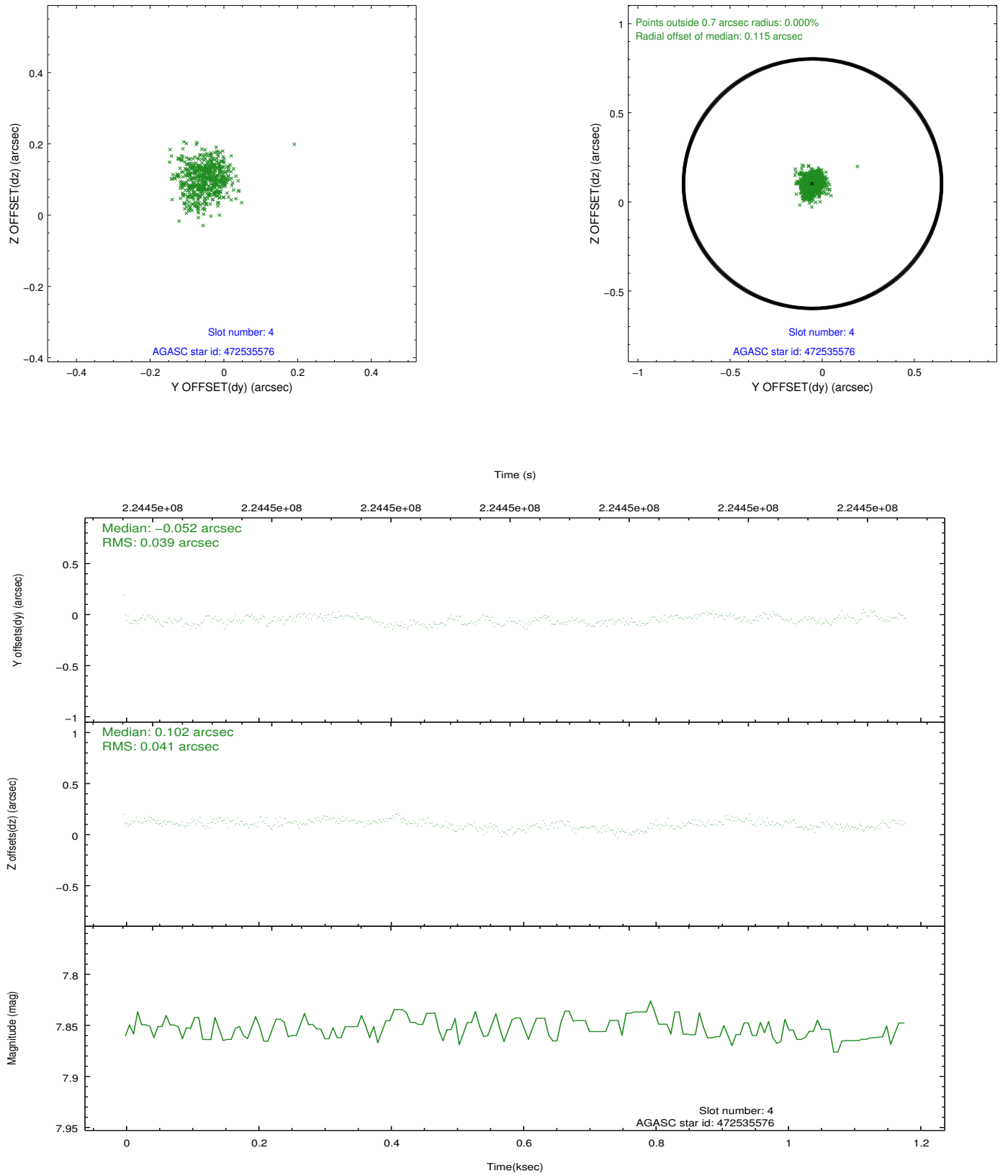
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.02	288	0.114	-0.150	0.006	0.010	0.000000	0.000000	-1161.18	-459.94
1	FID	HRC-S-2	7.01	288	0.185	-0.117	0.004	0.008	0.000000	0.000000	1234.54	-454.16
2	FID	HRC-S-3	7.03	288	0.092	-0.035	0.006	0.012	0.000000	0.000000	-1159.63	568.12
3	GUIDE	472523760	8.24	577	-0.091	-0.099	0.071	0.114	331.645363	45.403260	-462.14	-1460.90
4	GUIDE	472535576	7.85	577	-0.052	0.102	0.060	0.094	331.438373	46.291802	-1424.81	1631.37
5	GUIDE	472536328	8.14	576	-0.049	-0.005	0.085	0.126	331.496671	46.454831	-1364.72	2237.97
6	GUIDE	472655152	9.43	577	0.242	-0.010	0.112	0.179	332.504239	45.862991	1431.87	497.27
7	GUIDE	472665256	9.02	575	-0.046	0.037	0.074	0.125	332.808125	46.195041	2002.97	1792.37

2.4 Star Slots

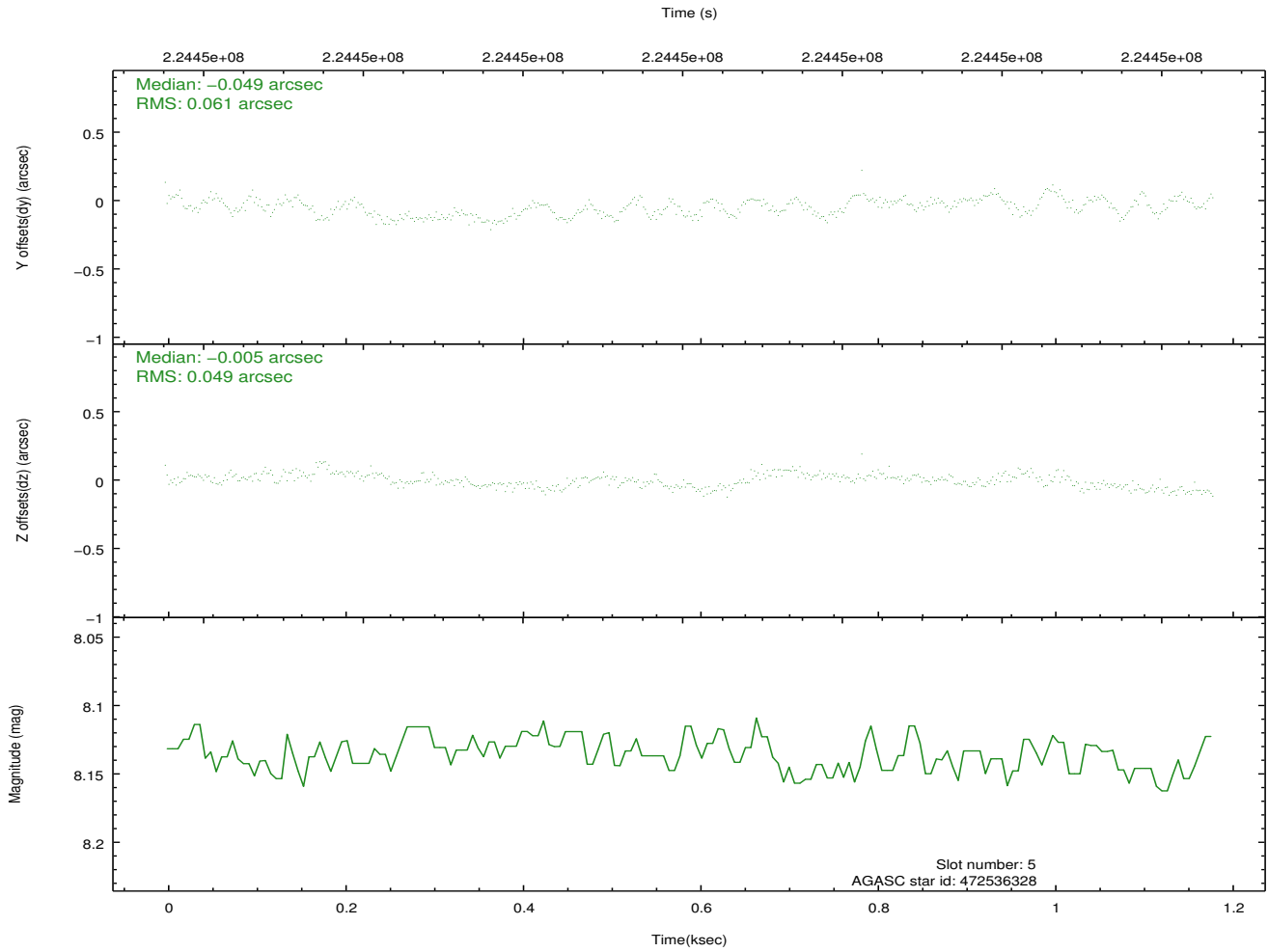
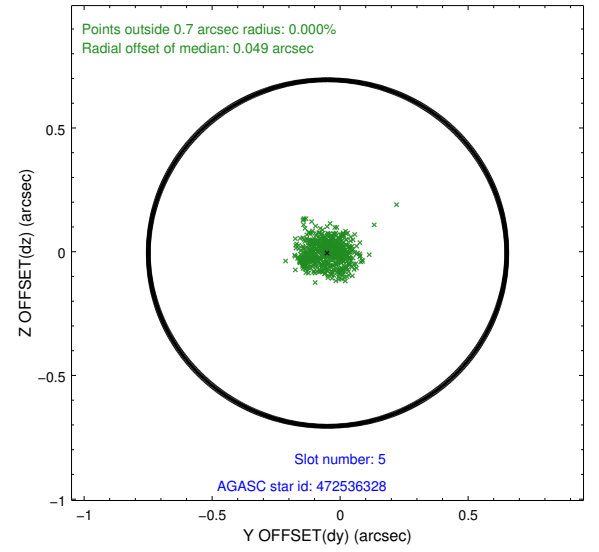
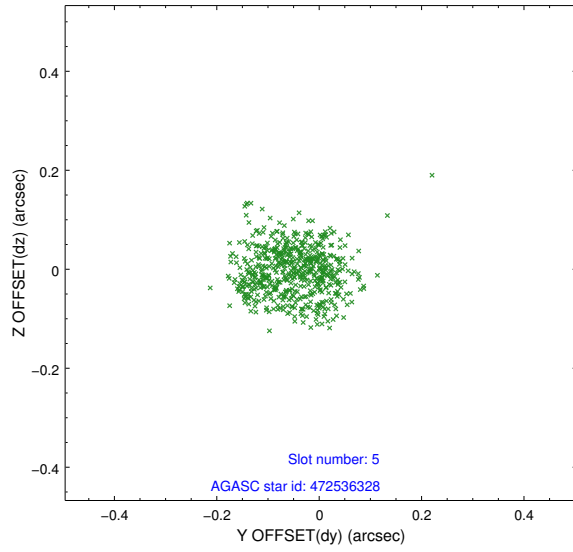
2.4.1 Slot 3



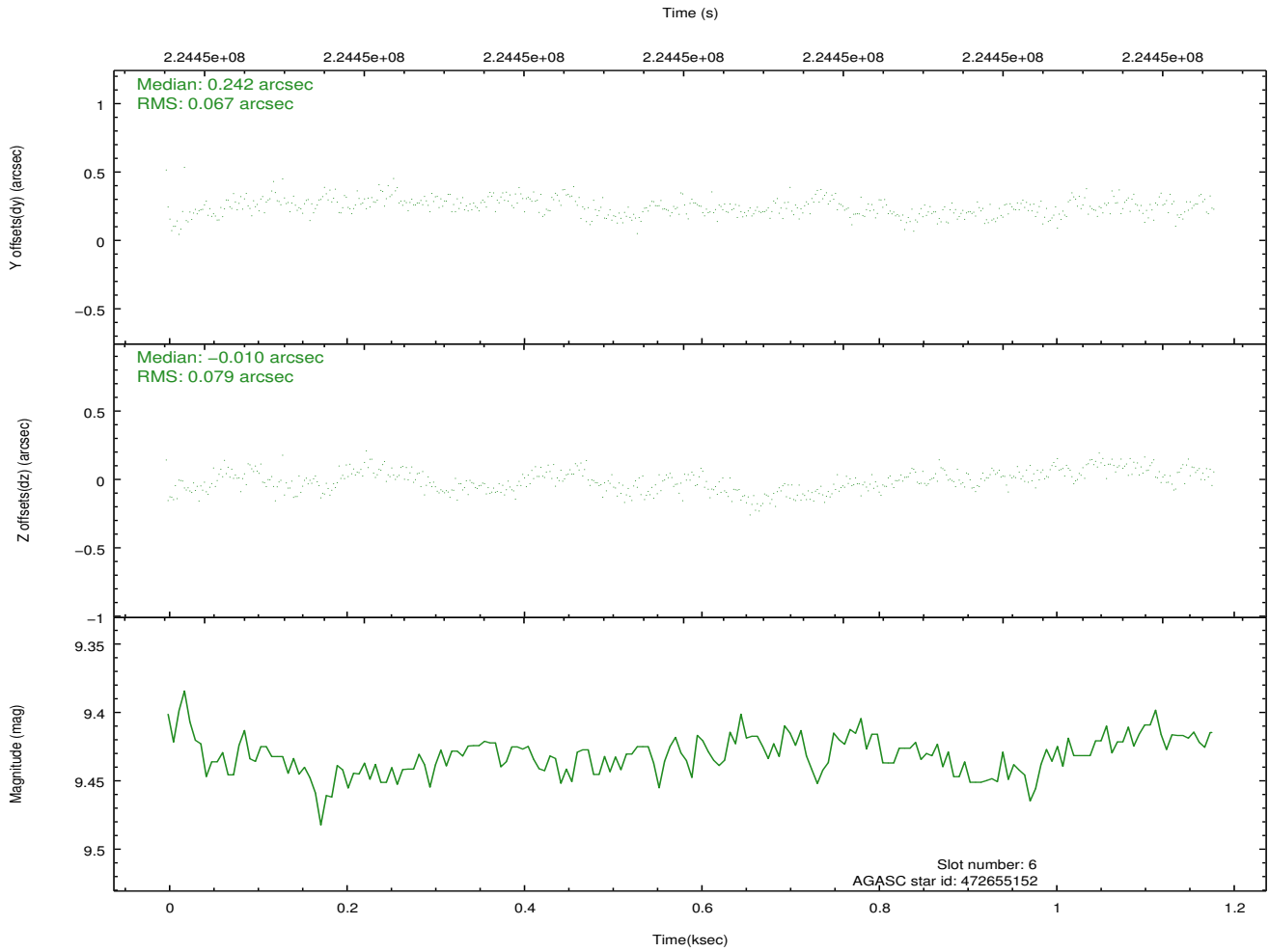
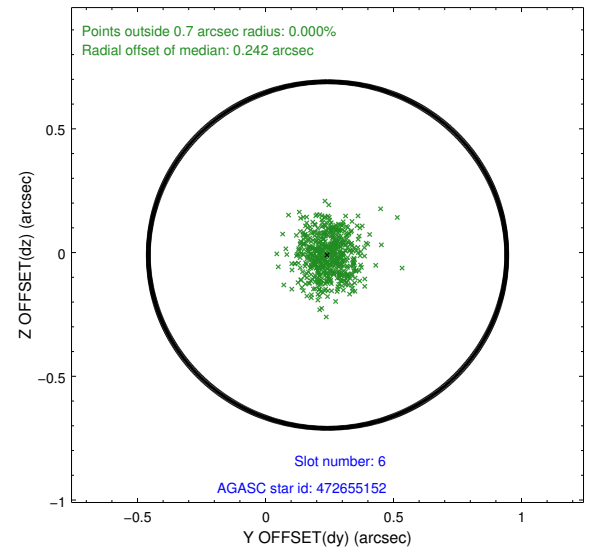
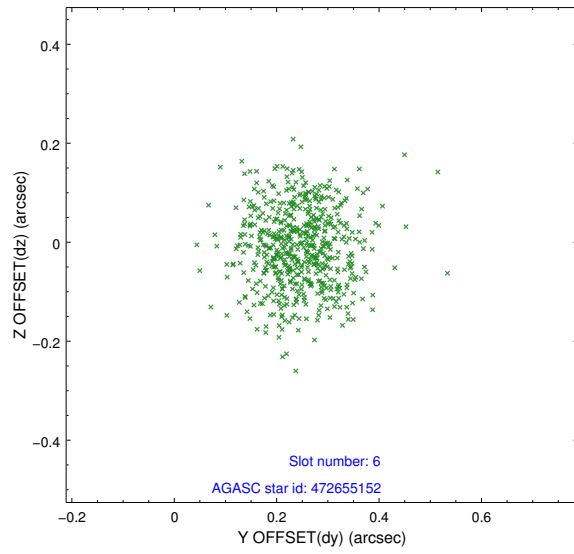
2.4.2 Slot 4



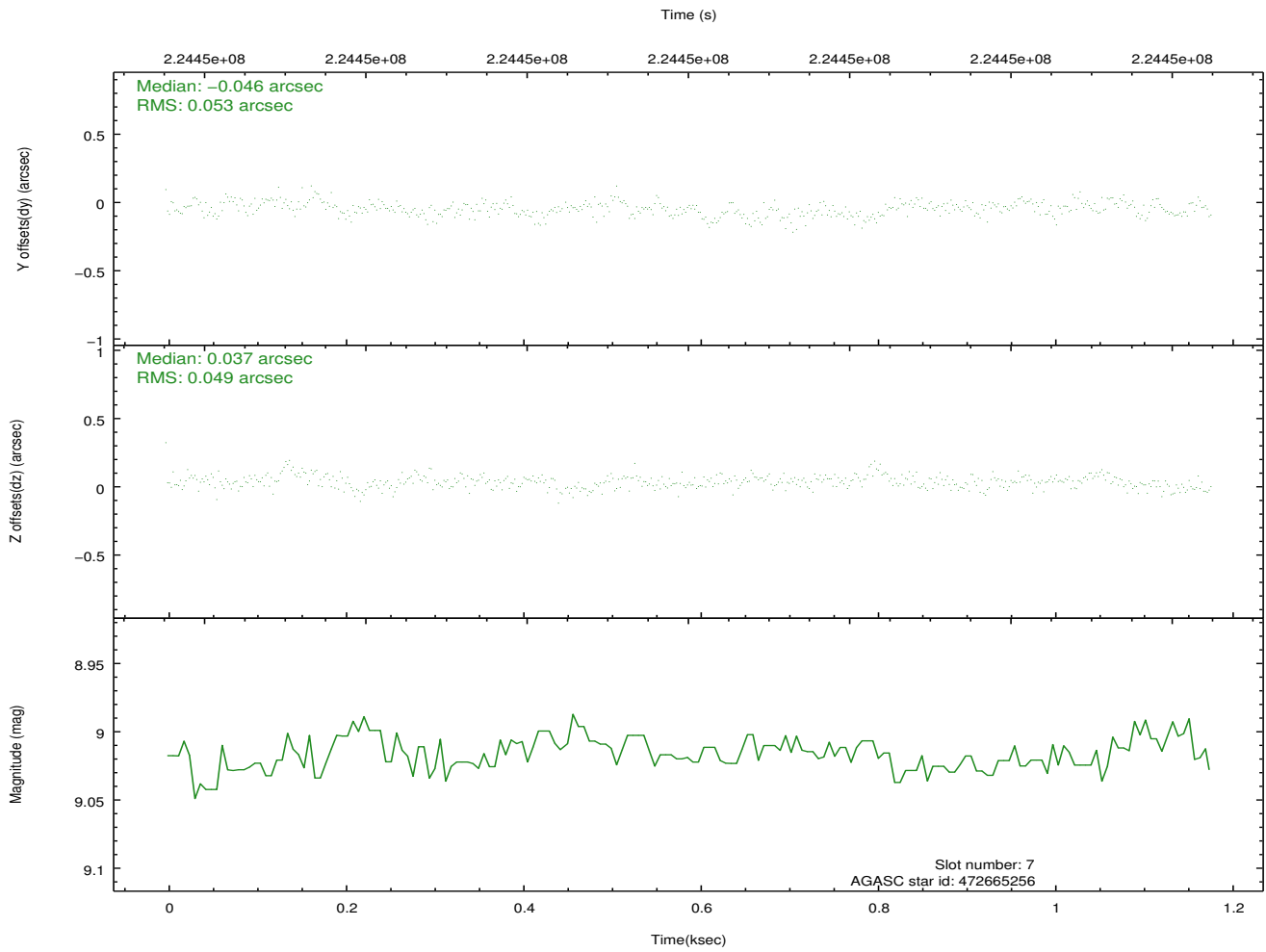
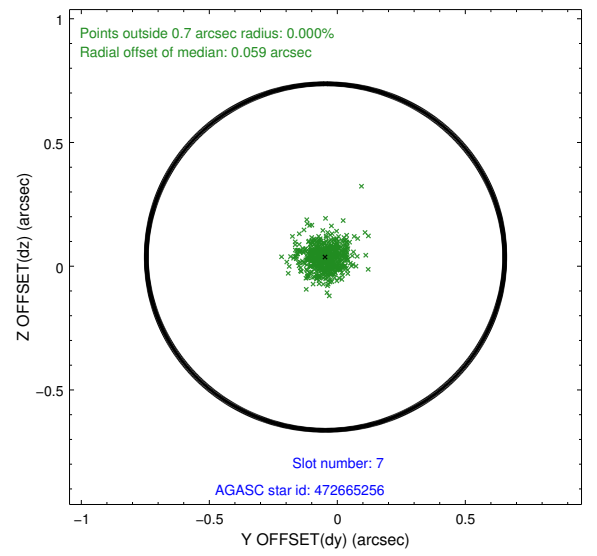
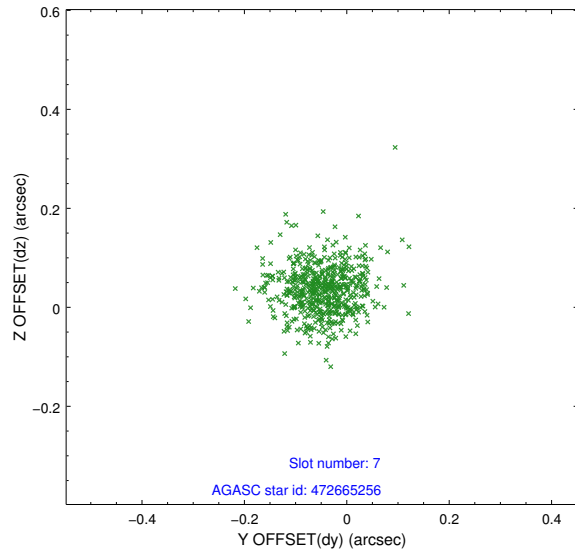
2.4.3 Slot 5



2.4.4 Slot 6

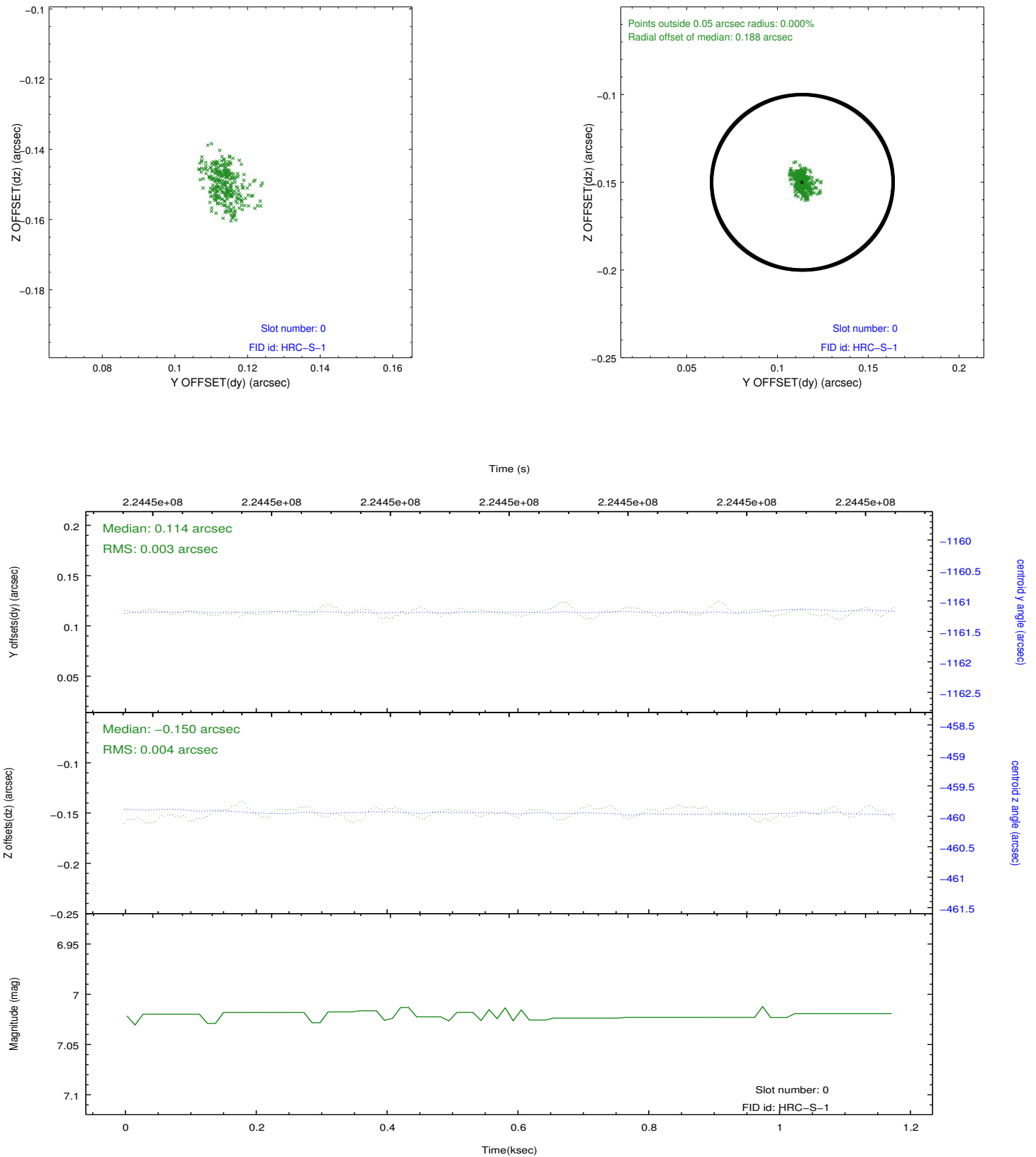


2.4.5 Slot 7

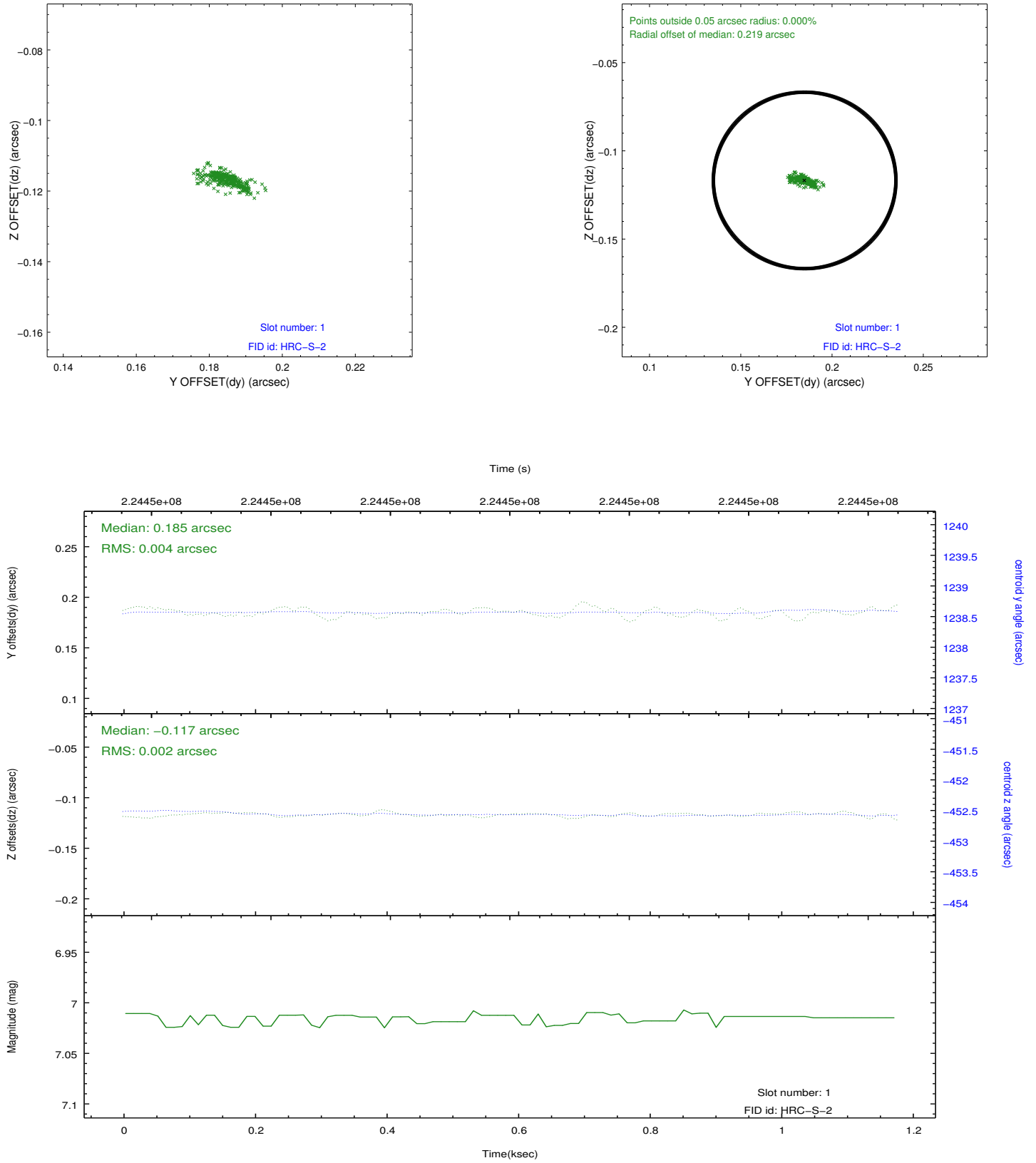


2.5 FID Slots

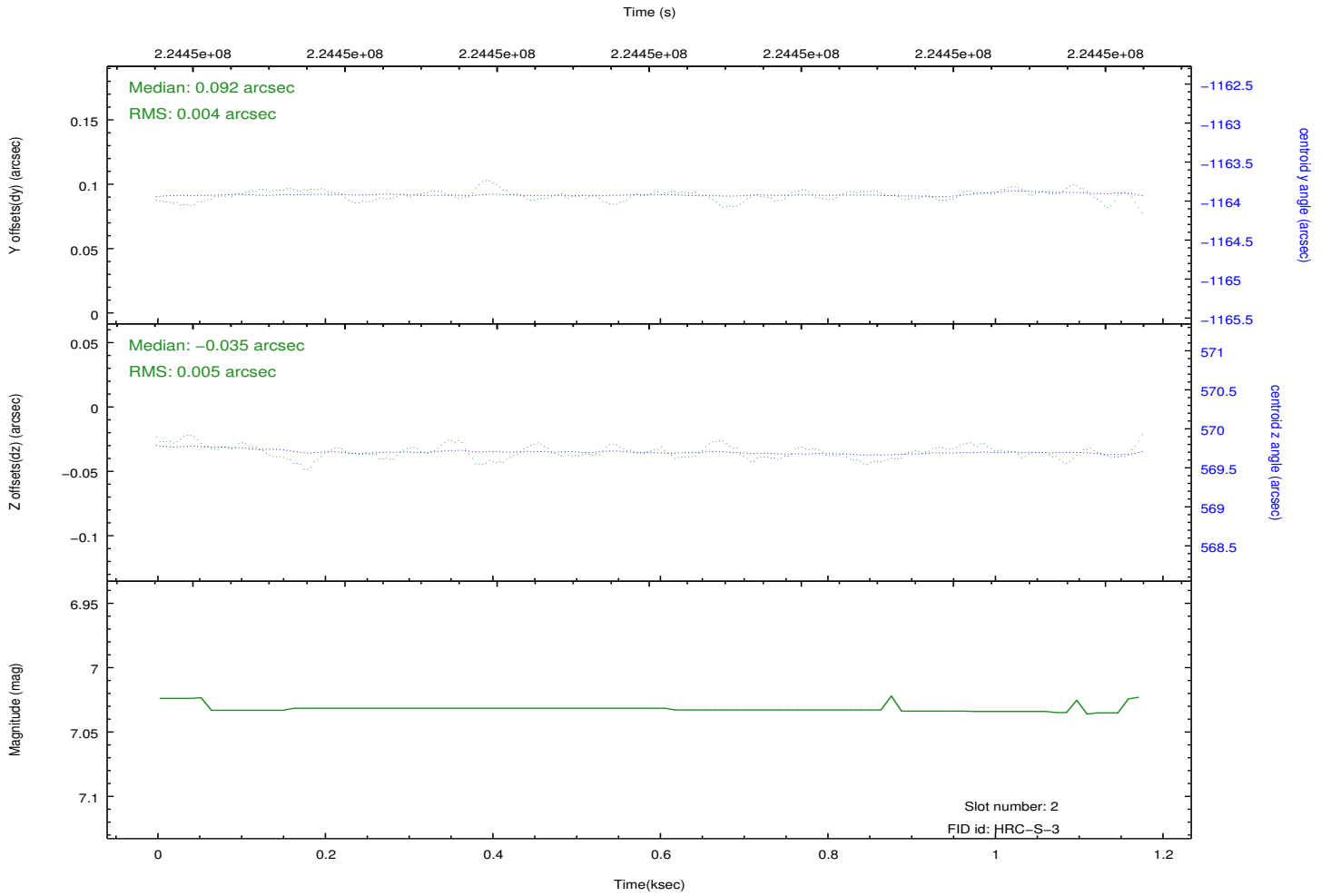
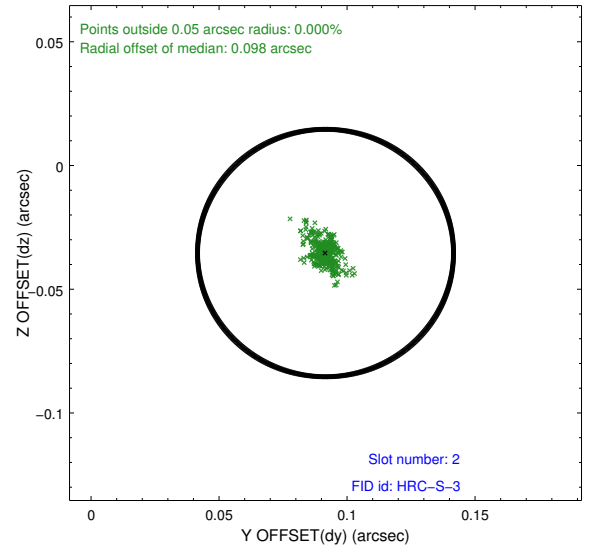
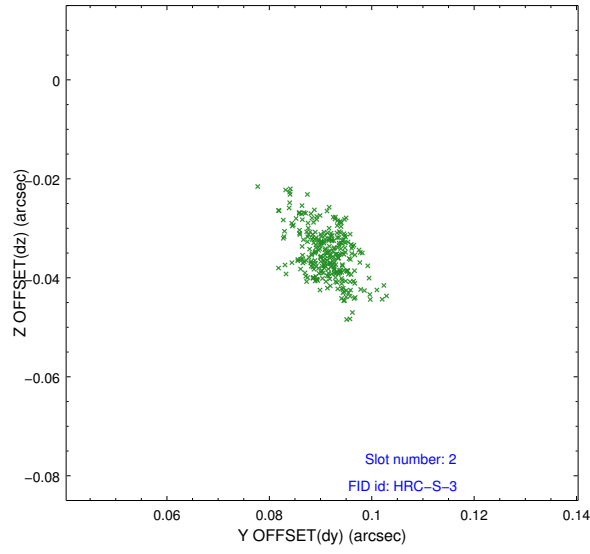
2.5.1 Slot 0



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)	2013.01.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.151331

A.2 Comments