

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2384 - L2 Version 5
Chandra X-Ray Center

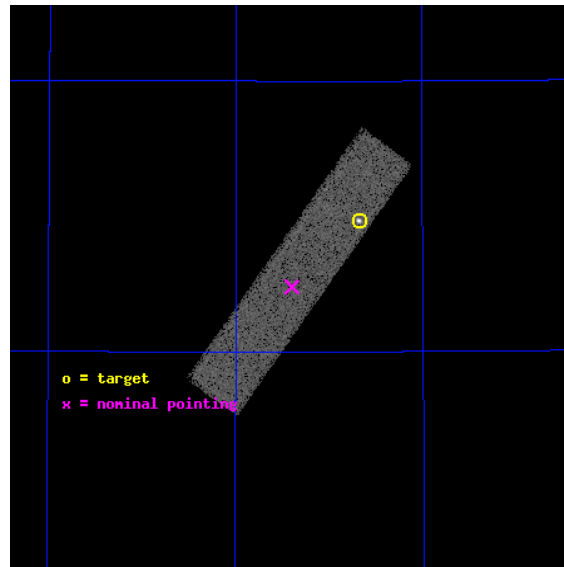
L2 Processing Date : Sep 4 2012

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1 Front

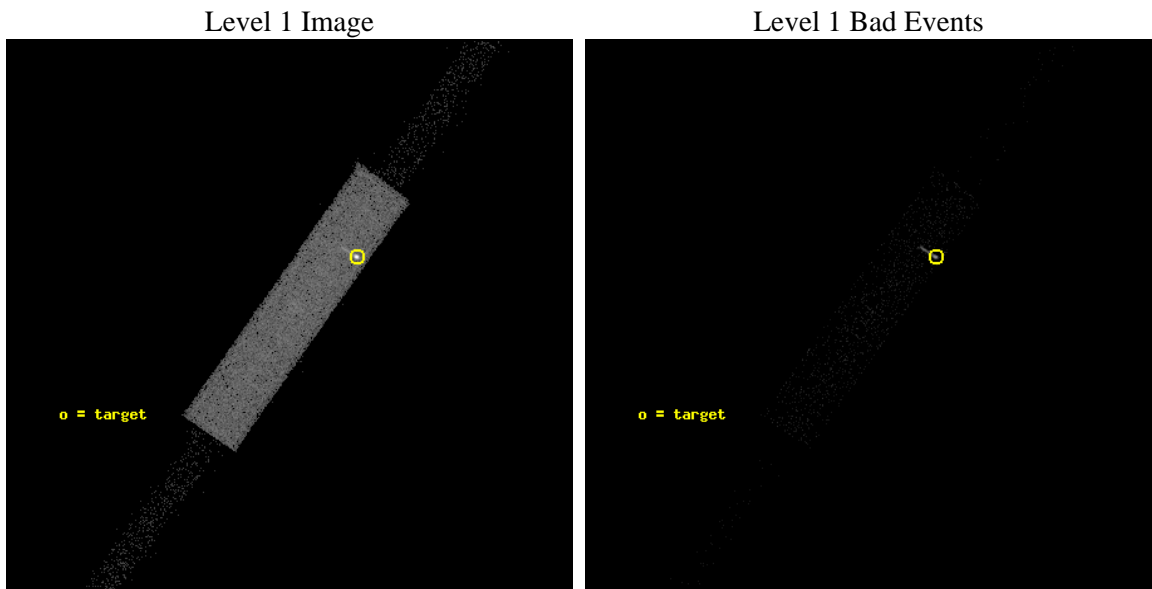
seq_num	290130	Sequence number
obs_id	2384	Observation id
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC,HRC-S,AO2	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.34982123291	Nominal RA [deg]
dec_nom	45.620499870783	Nominal Dec [deg]
roll_nom	305.23577557832	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1141.0812936723	[s]
livetime	1135.4052457445	Ontime multiplied by DTCOR
l2events	37461	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	8.4.5	Processing system revision	ontime	1141.0812936723	[s]
caldbver	4.5.1.1	 	l1events	62544	Number of level 1 events
date	2012-09-05T01:39:33	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

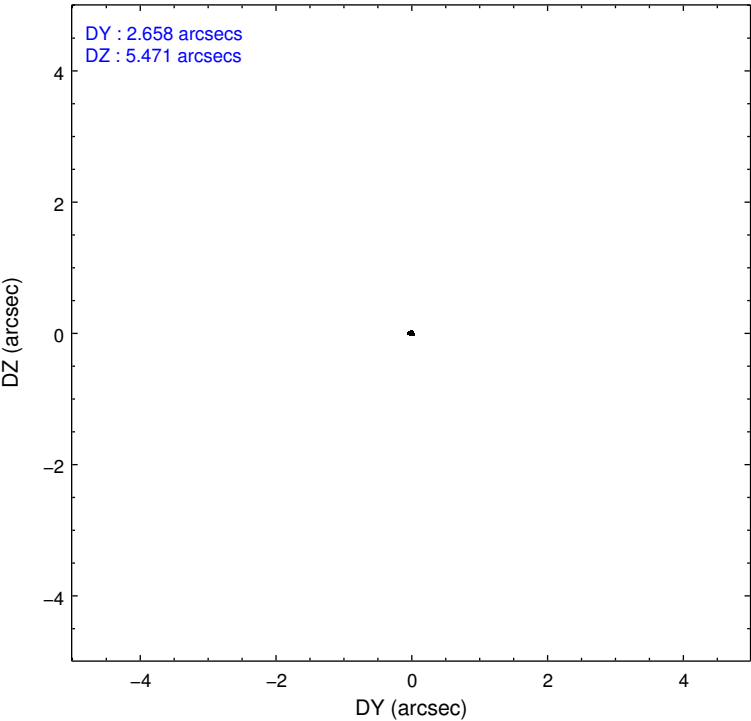
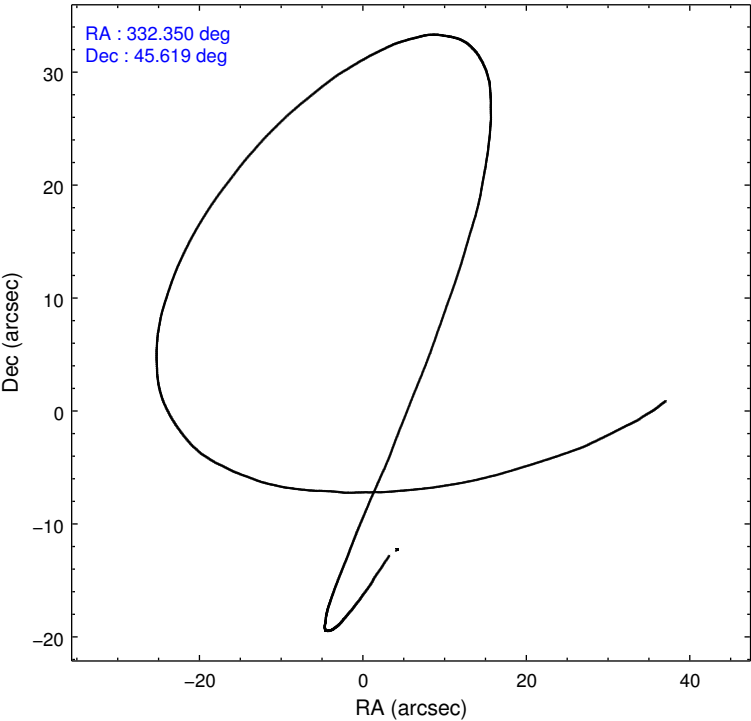
	segment 1	segment 2	segment 3
level 1 events	1037	60433	1074
rejected events	1037	13527	1074
rejected %	100%	22%	100%

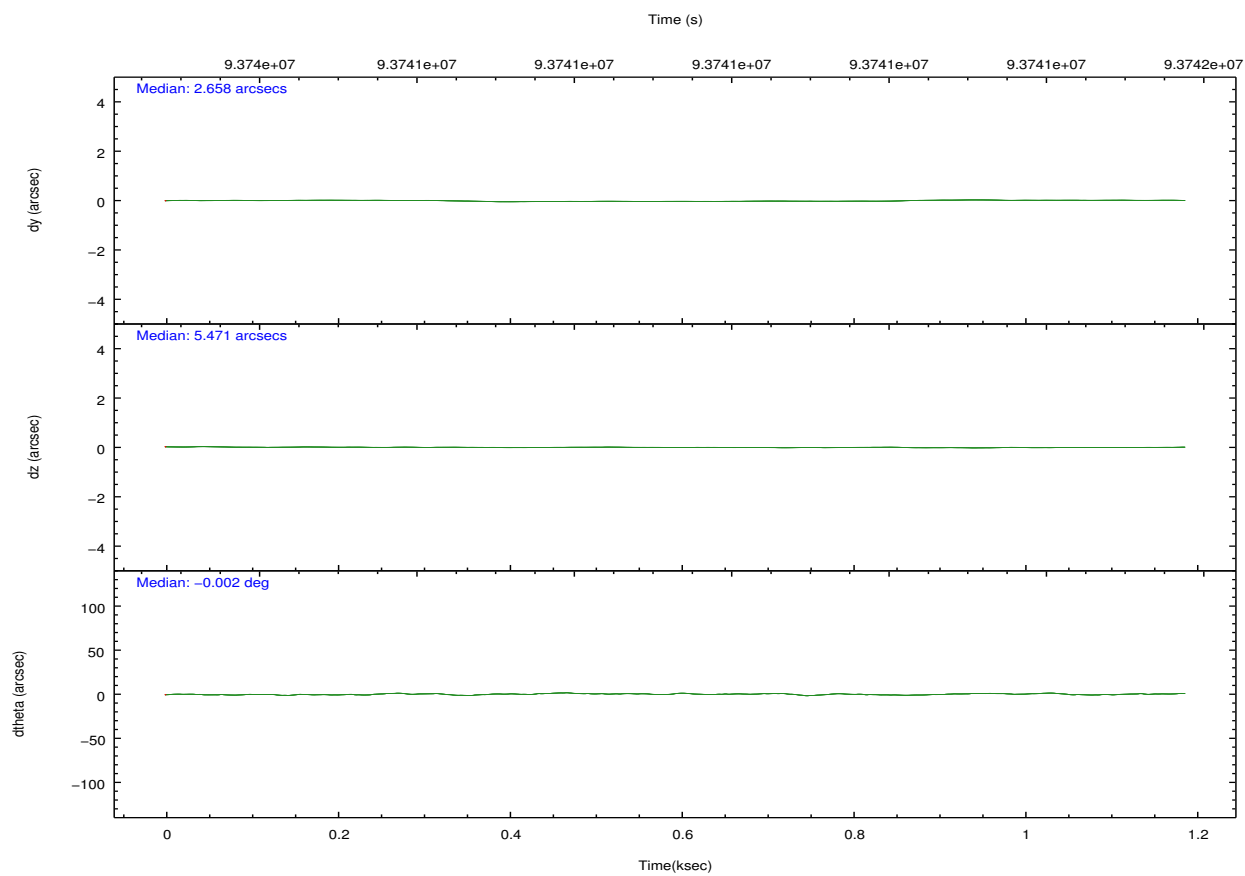
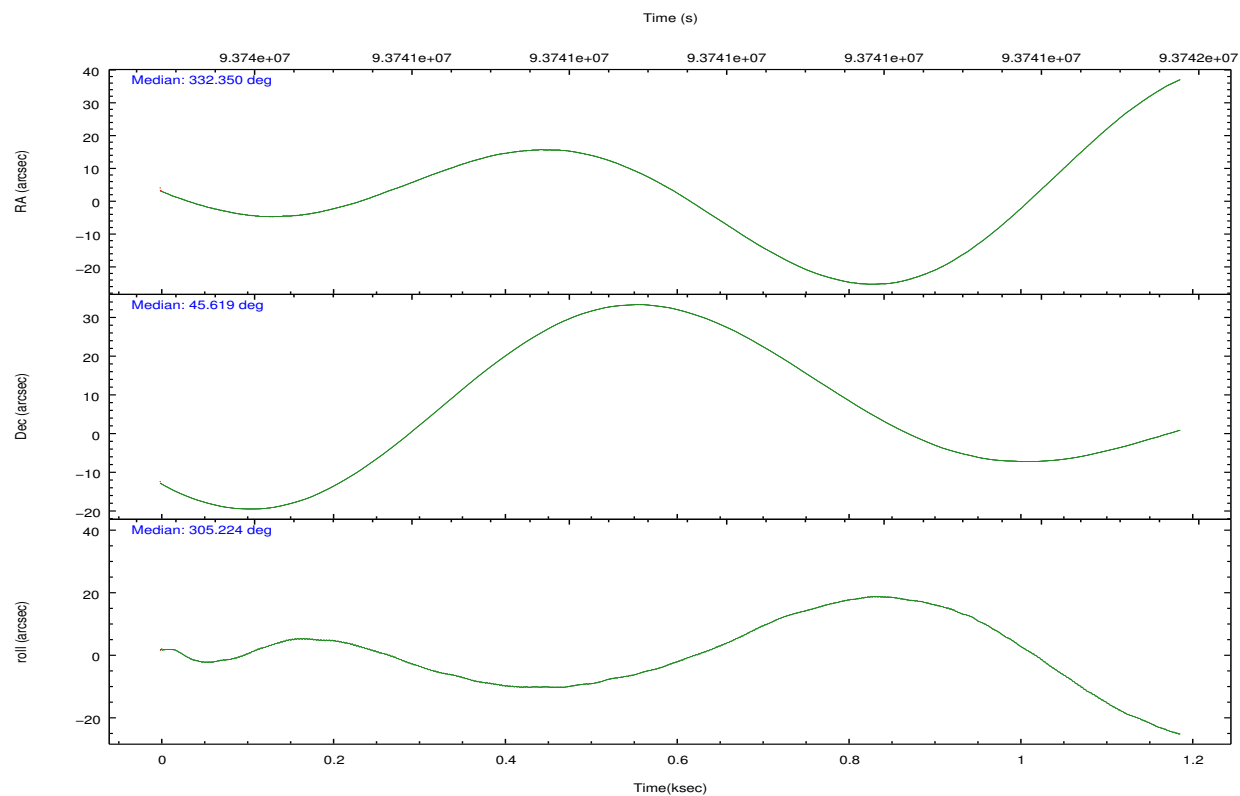
2.2 Compared Parameters

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	332.312366	332.3498212329101
[deg] Pointing Dec	45.632178	45.6204998707835
[deg] Pointing Roll	305.195234	305.2357755783198
[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)	93740522.184000	93740146.18974
Observation start date	2000-12-20T23:00:58	2000-12-20T22:55:46
[s] Observation end time (MET)	93741522.184000	93741656.014798
Observation end date	2000-12-20T23:17:38	2000-12-20T23:20:56

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

2.3 Aspect



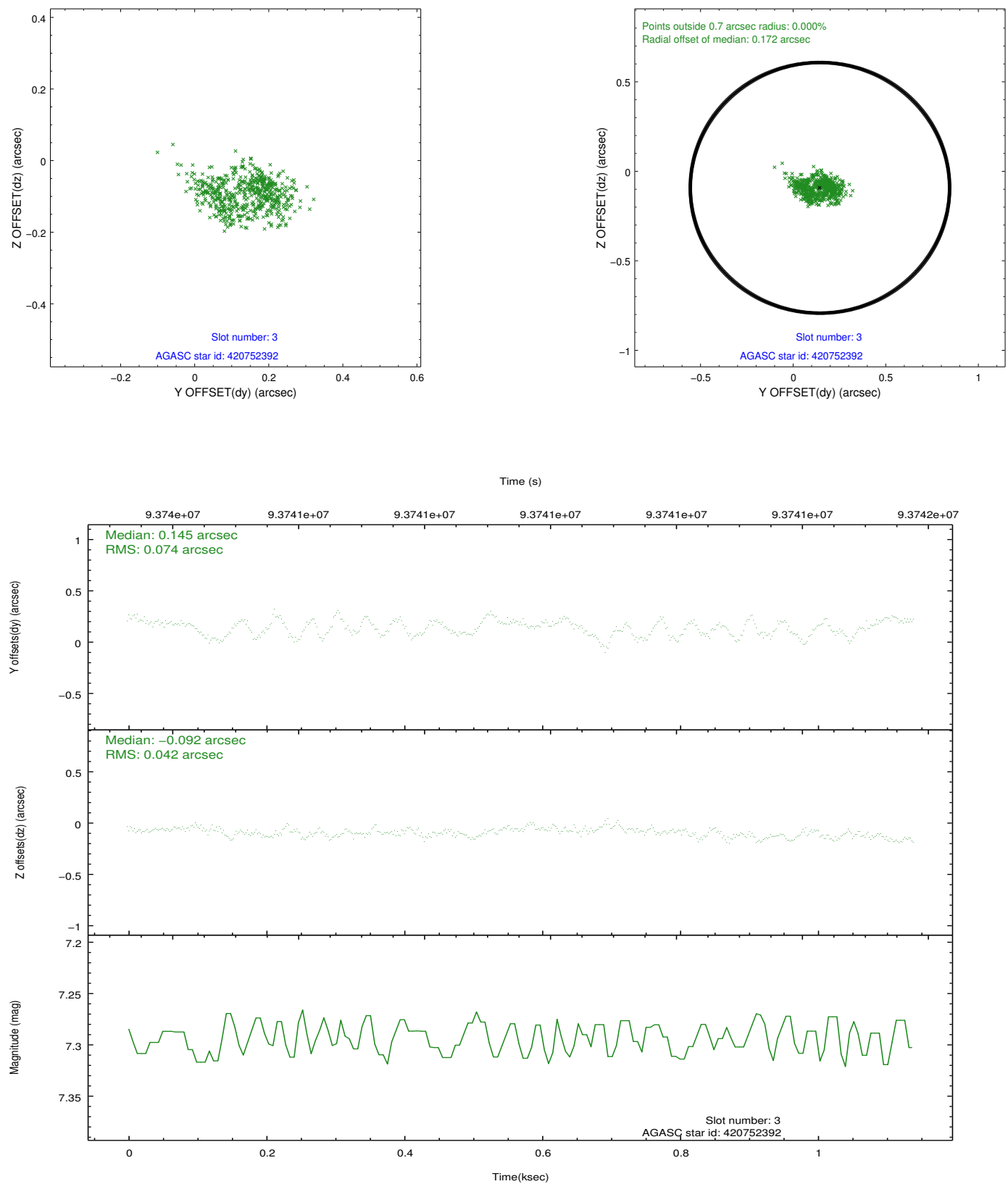


Slot Statistics

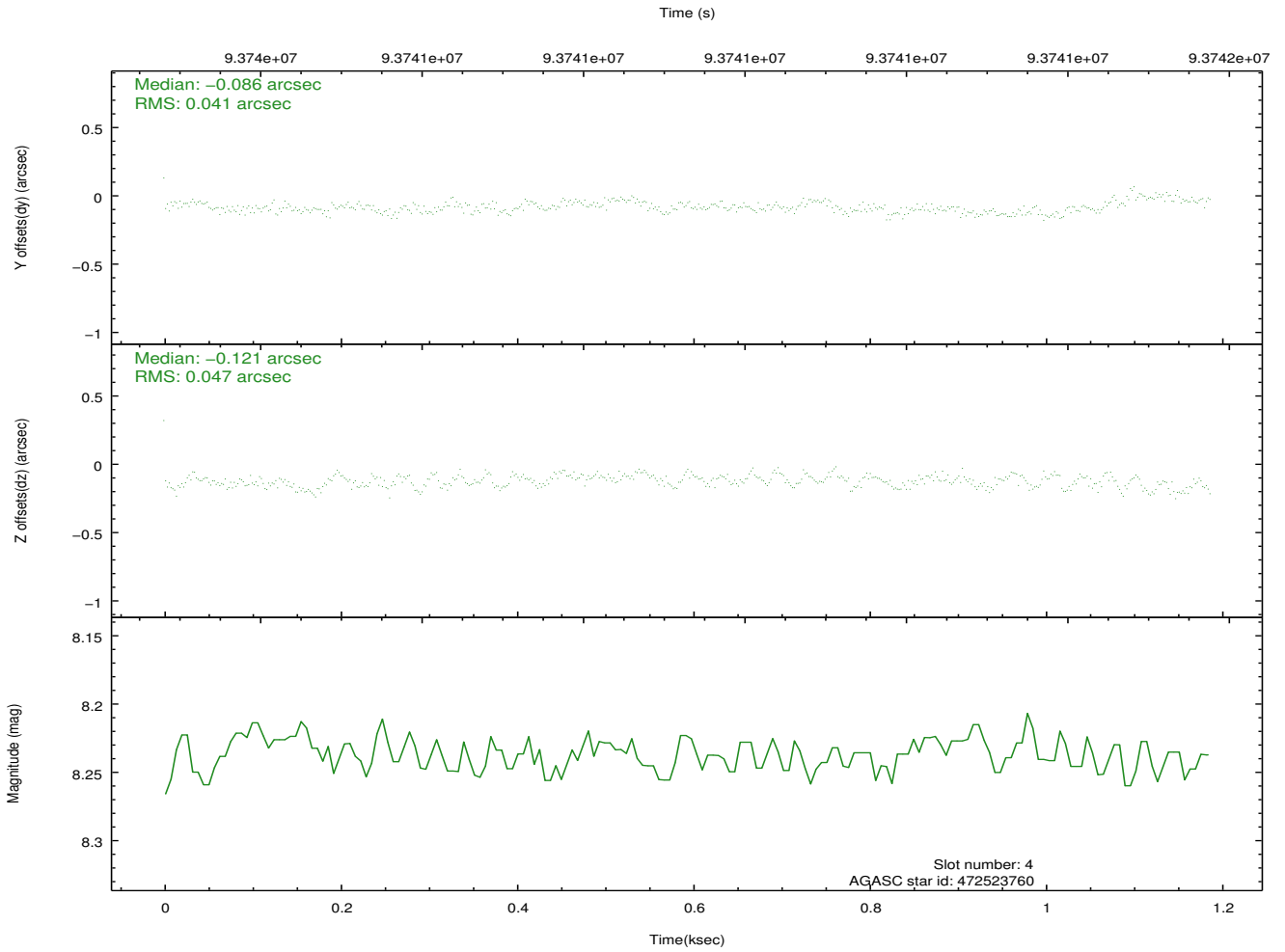
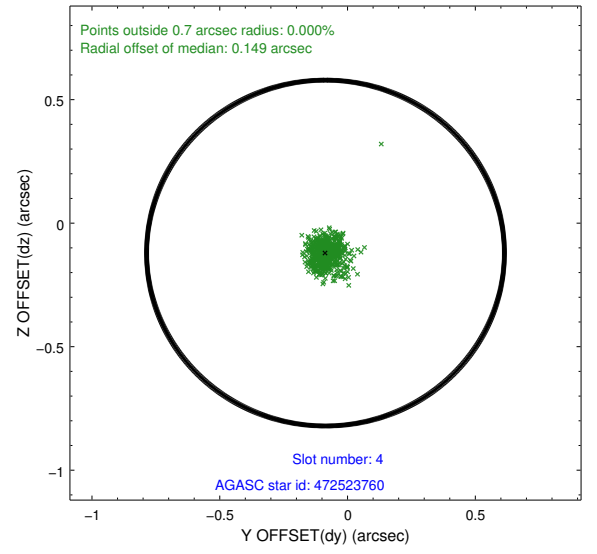
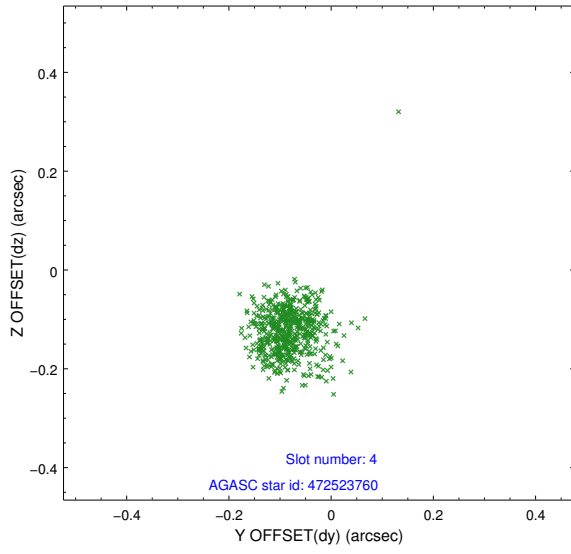
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	6.97	290	0.147	-0.141	0.008	0.013	0.000000	0.000000	1243.00	-446.66
1	FID	HRC-S-3	6.99	290	0.143	-0.093	0.006	0.010	0.000000	0.000000	-1155.10	574.08
2	FID	HRC-S-4	6.93	290	0.116	-0.061	0.009	0.013	0.000000	0.000000	1237.59	580.13
3	GUIDE	420752392	7.29	557	0.145	-0.092	0.089	0.139	332.271848	44.854756	2227.25	-1695.46
4	GUIDE	472523760	8.24	580	-0.086	-0.121	0.063	0.102	331.645363	45.403260	-301.30	-1849.48
5	GUIDE	472665256	9.01	579	-0.128	-0.034	0.089	0.158	332.808125	46.195041	-949.49	2178.55
6	GUIDE	472659832	9.47	580	0.019	0.087	0.095	0.146	332.780399	46.098139	-703.66	1929.60
7	GUIDE	472655152	9.44	579	0.057	0.149	0.085	0.139	332.504239	45.862991	-404.99	878.07

2.4 Star Slots

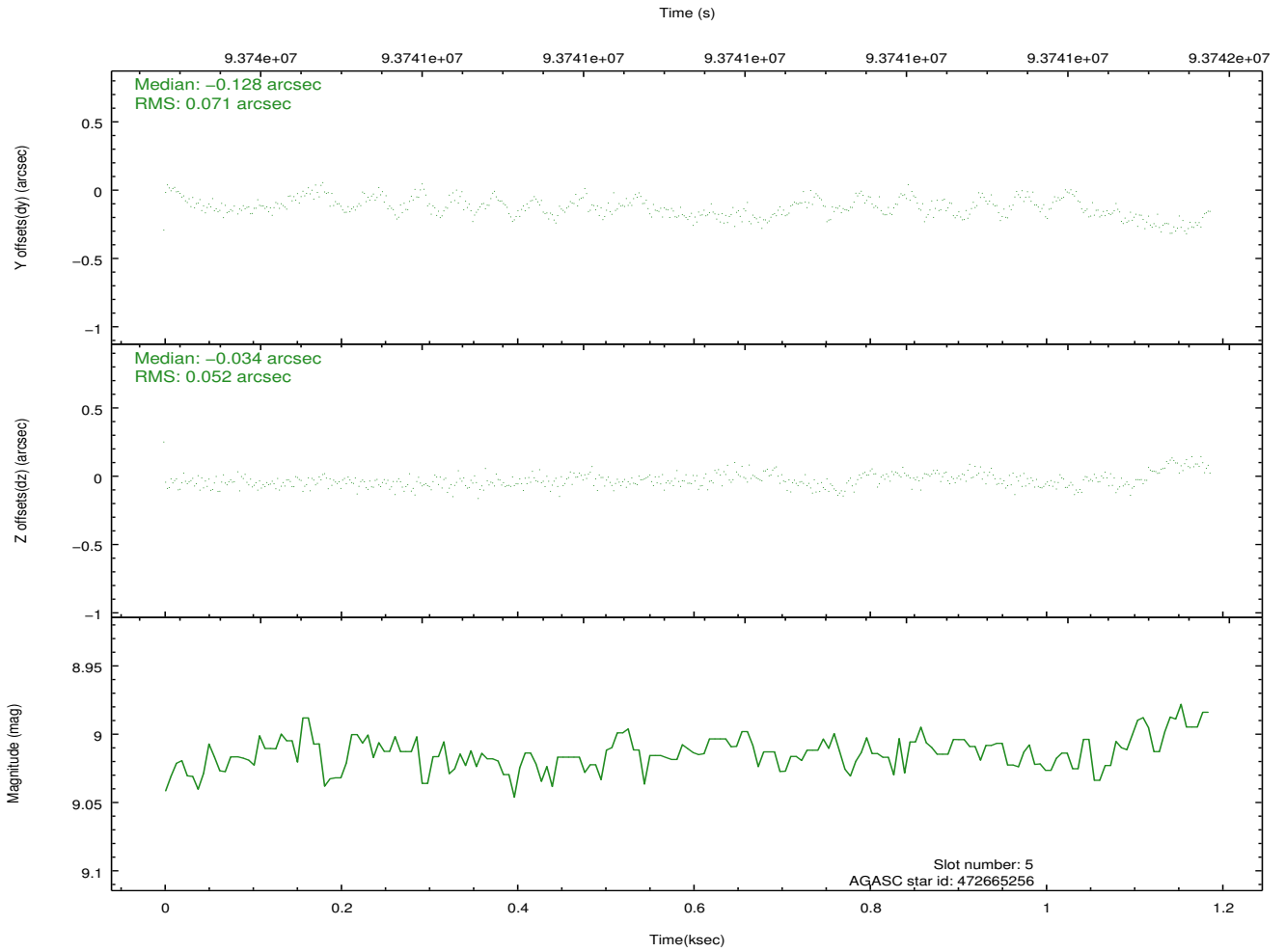
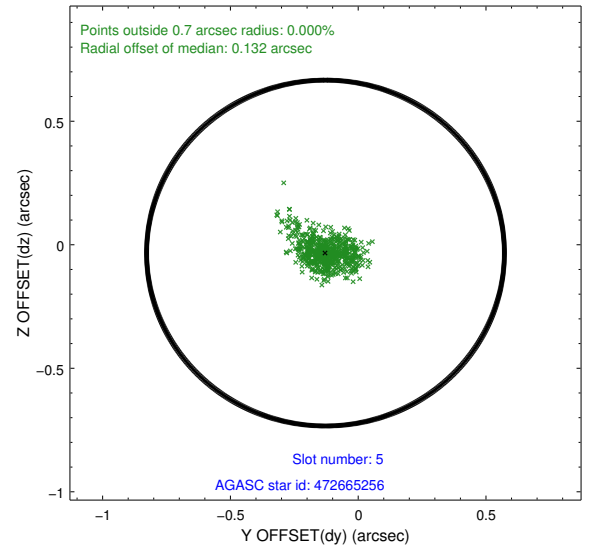
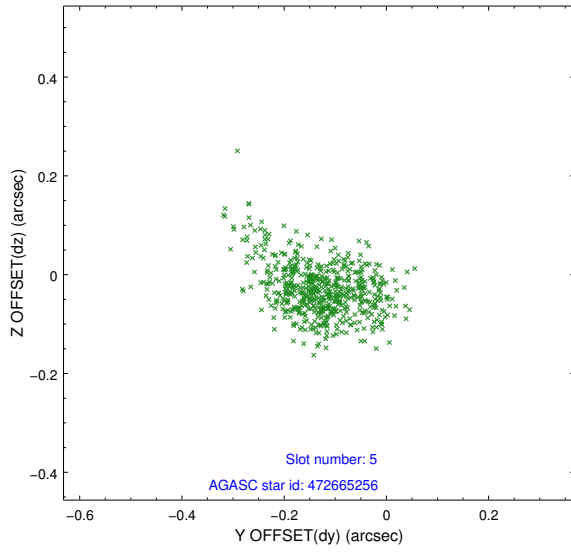
2.4.1 Slot 3



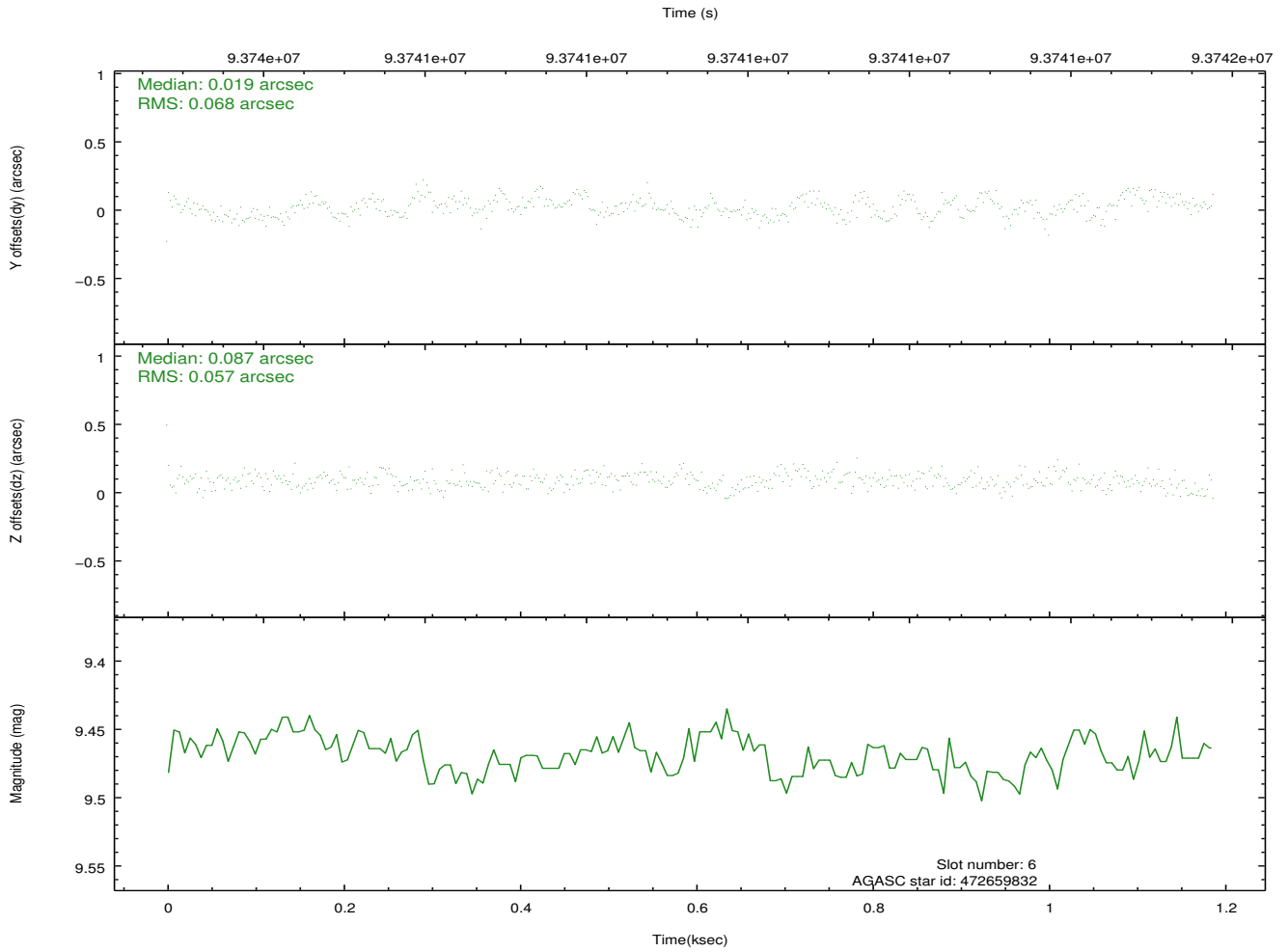
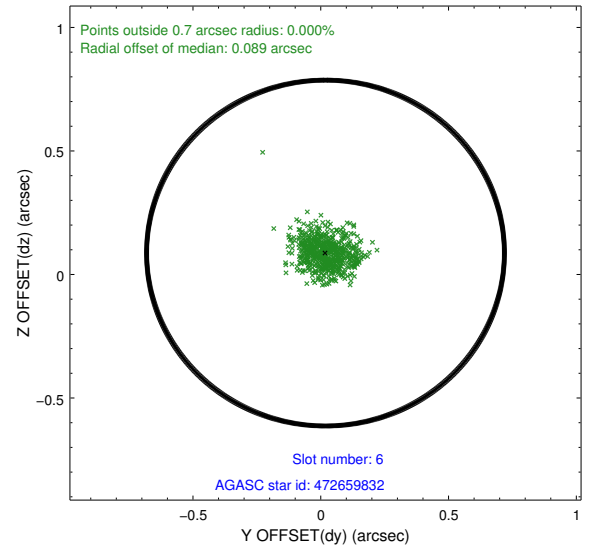
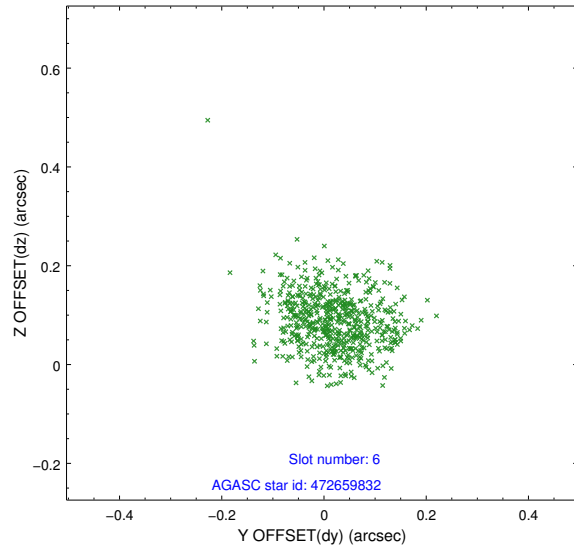
2.4.2 Slot 4



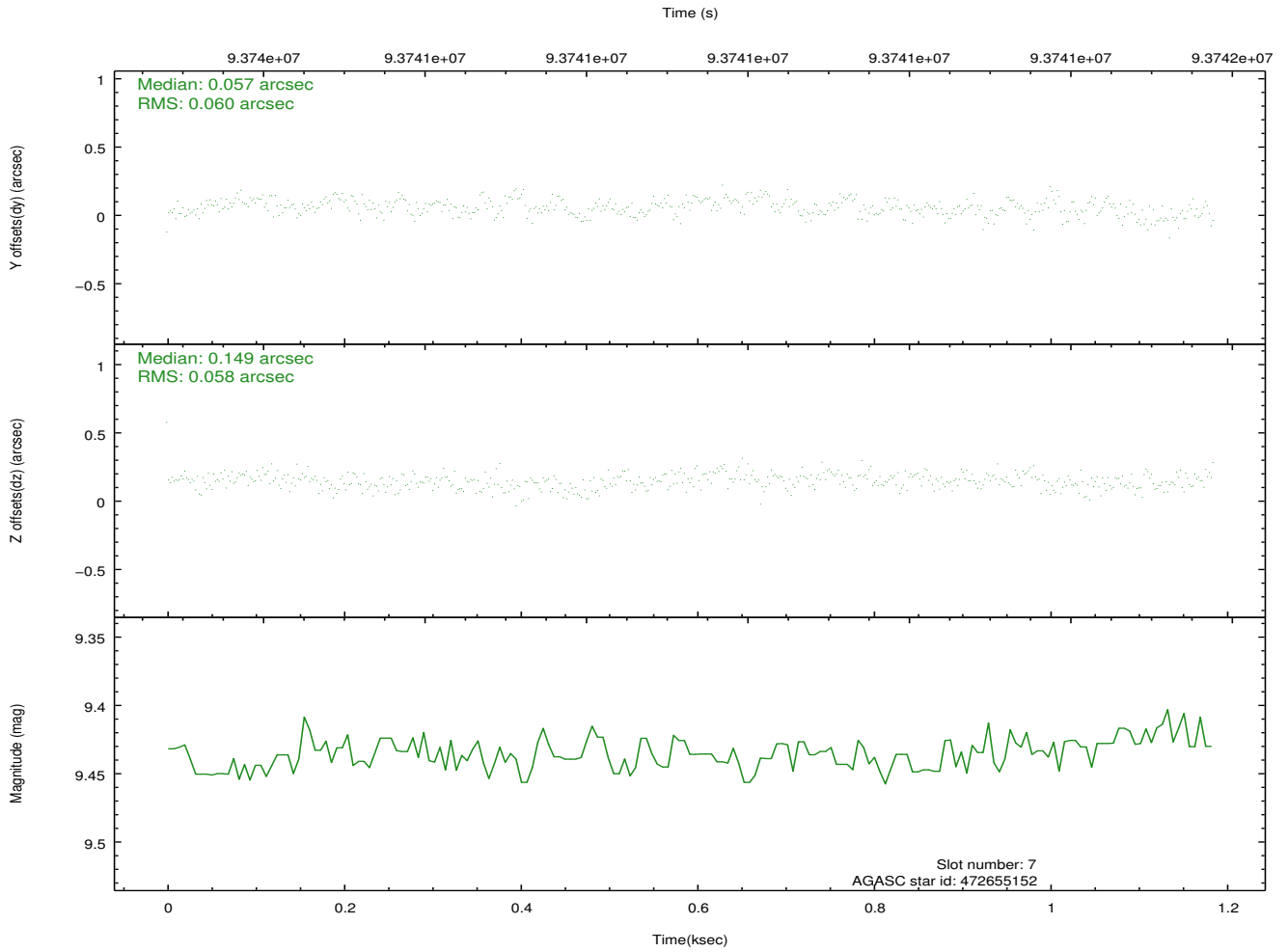
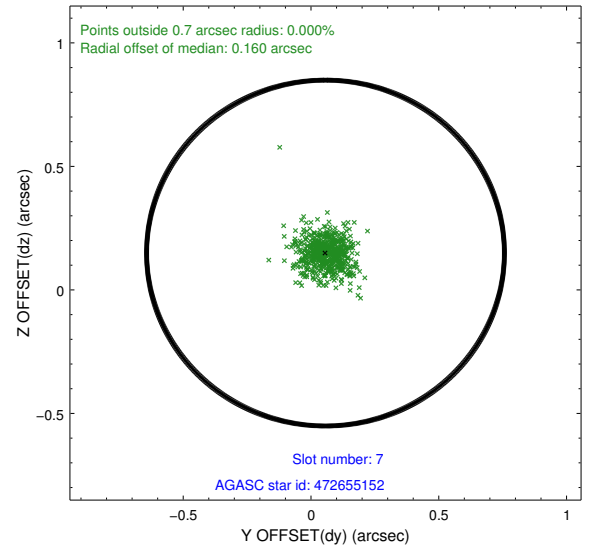
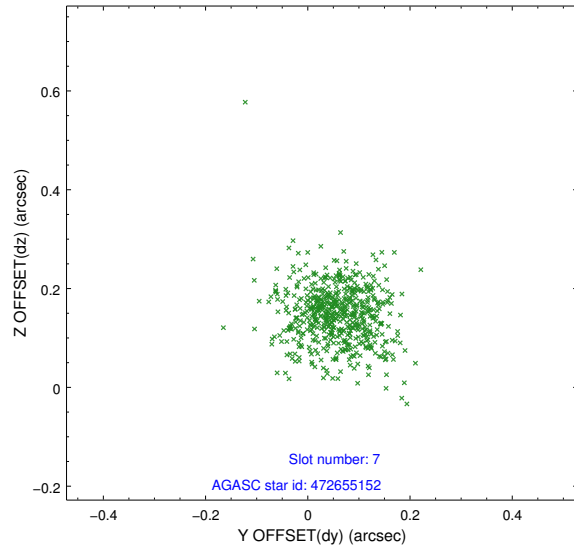
2.4.3 Slot 5



2.4.4 Slot 6

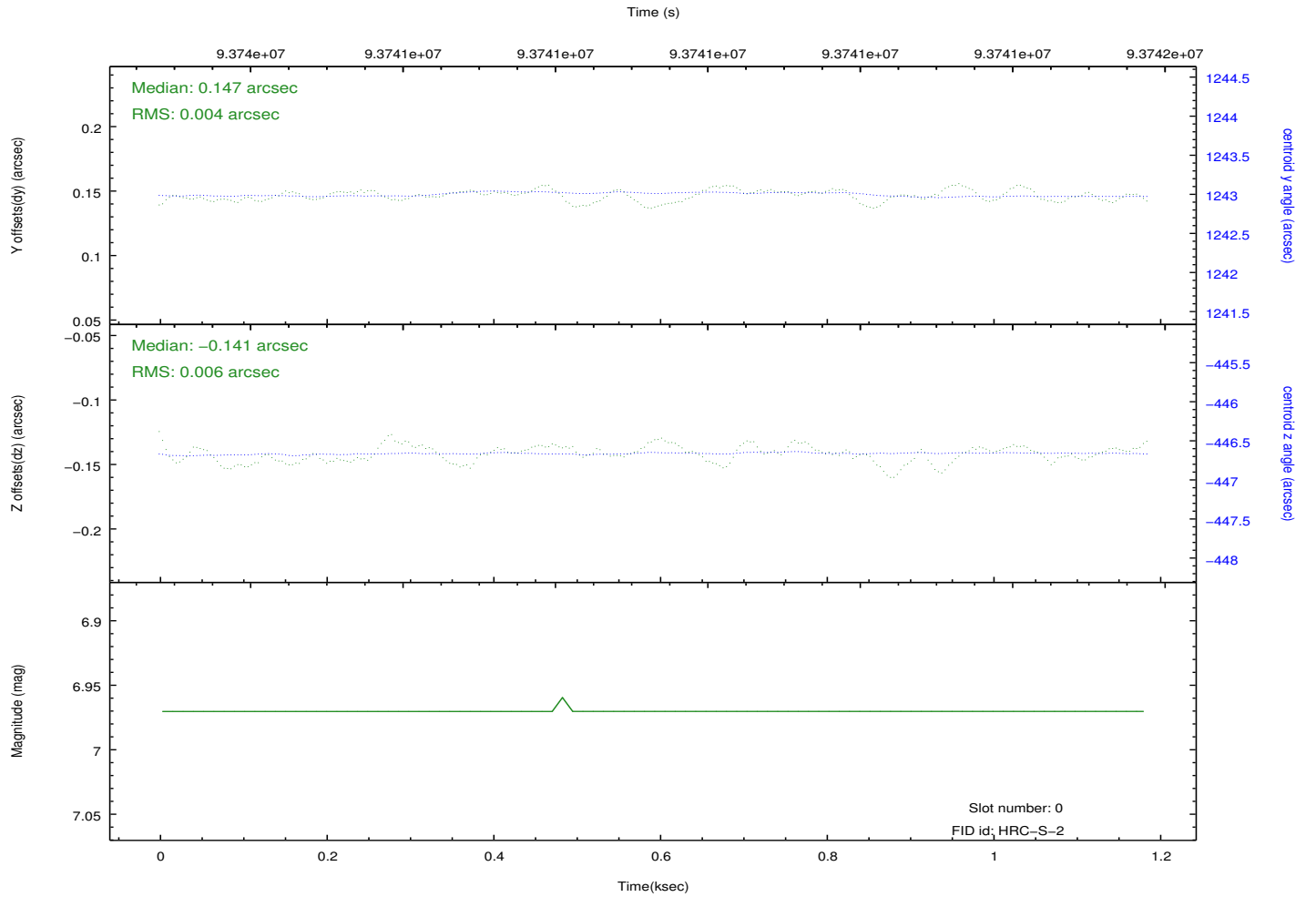
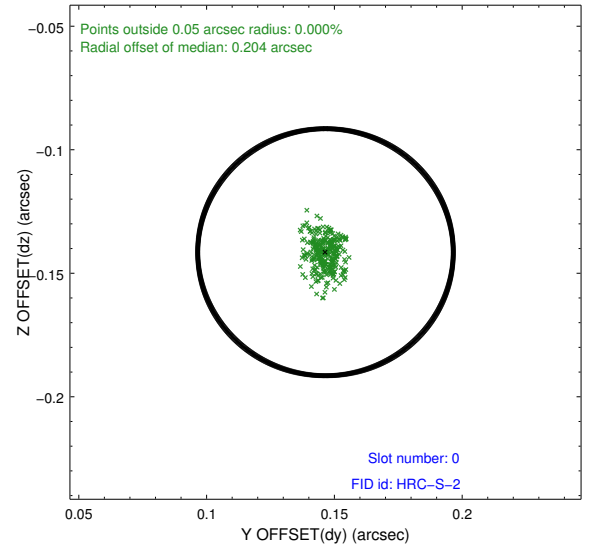
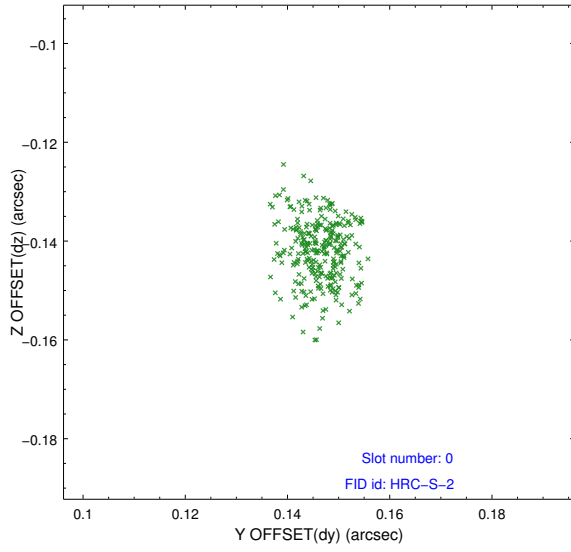


2.4.5 Slot 7

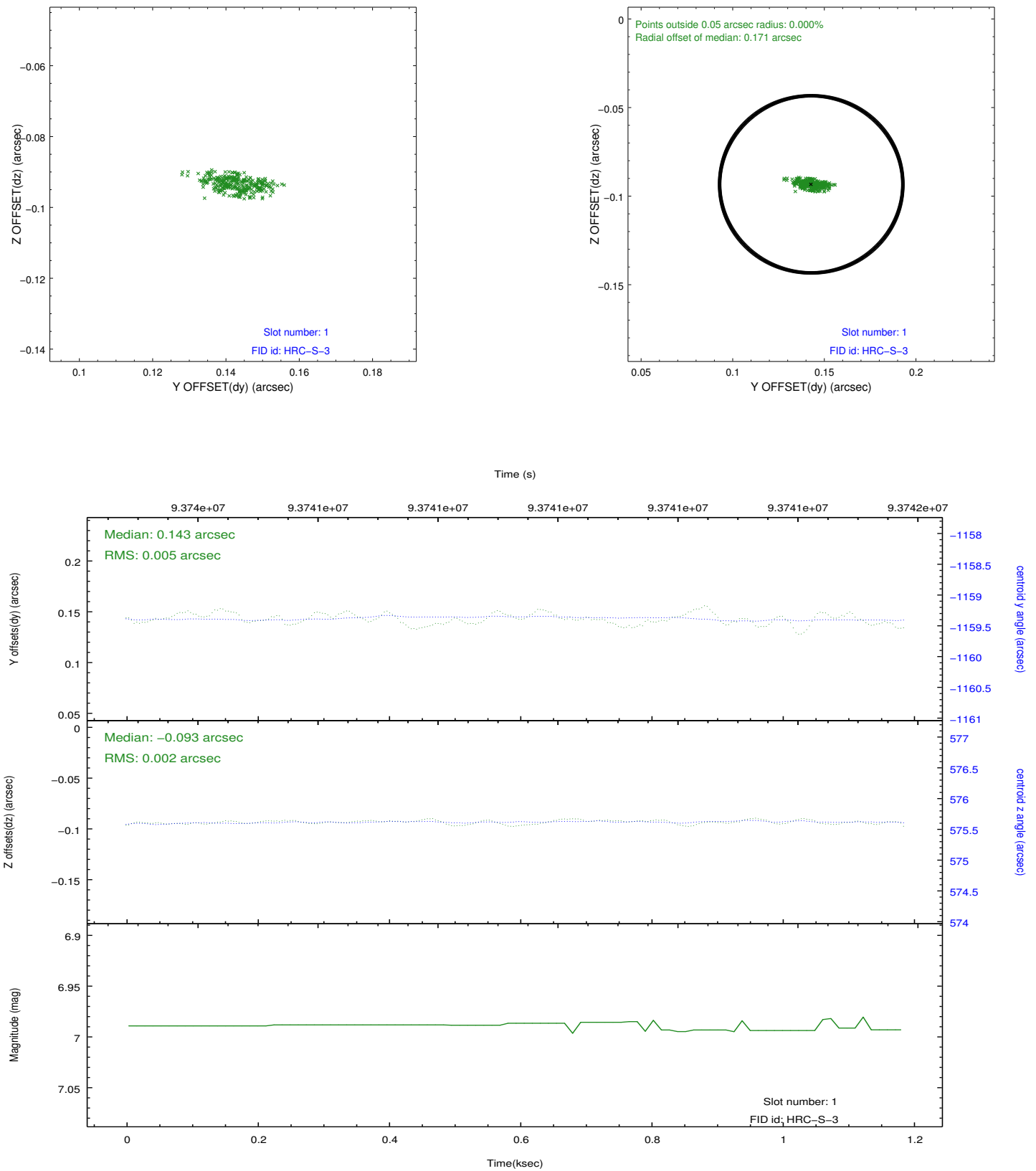


2.5 FID Slots

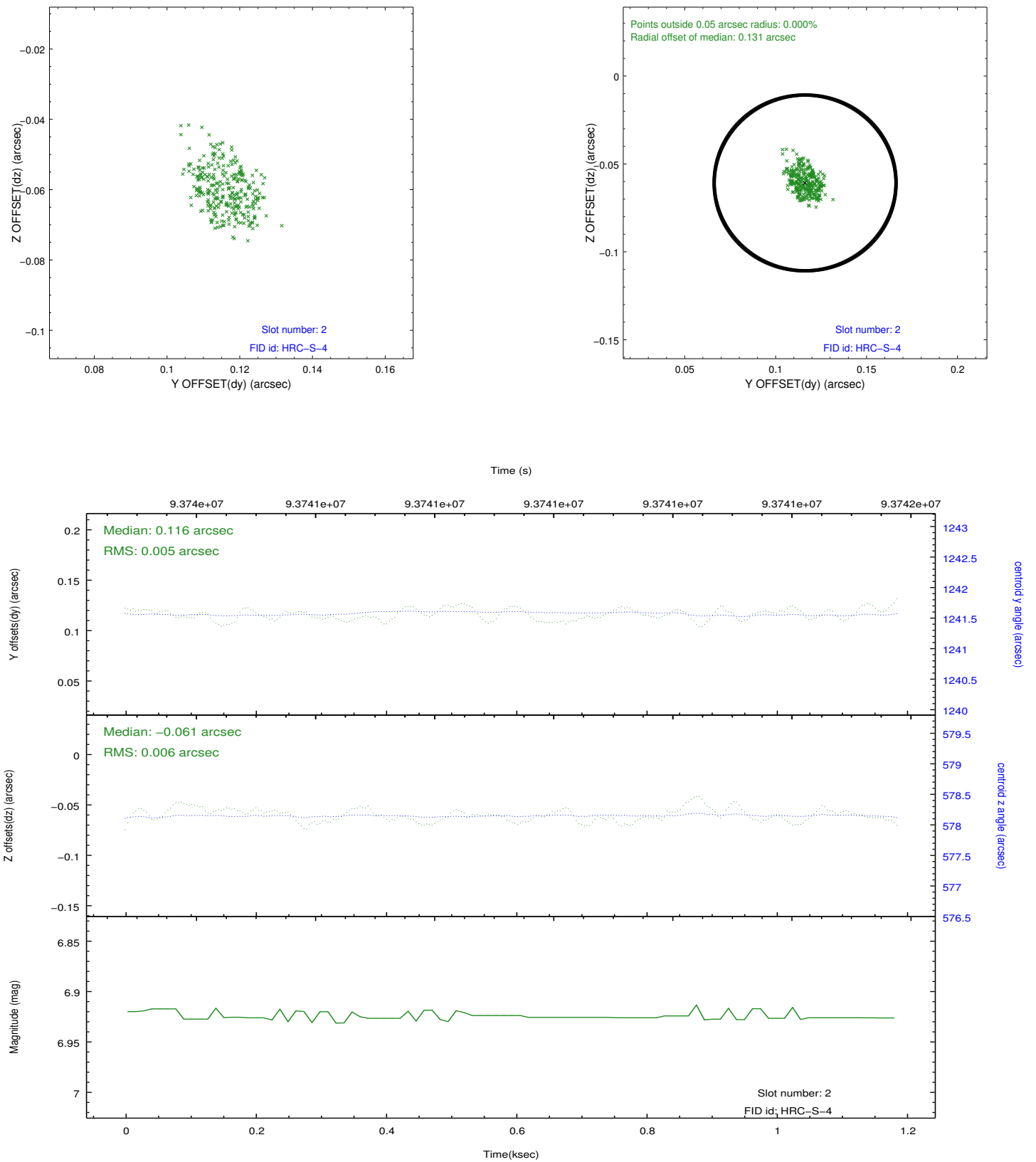
2.5.1 Slot 0



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)	2012.09.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.186

A.2 Comments

Charge time for this ObsId remains at previous value of 1.186 ks, although with the current processing the charge time would have been 1.14 ksec.