

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2376 - L2 Version 5
Chandra X-Ray Center

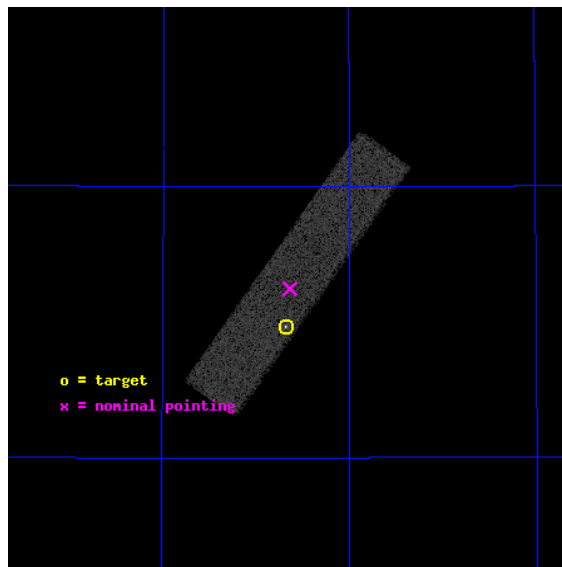
L2 Processing Date : Sep 4 2012

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1 Front

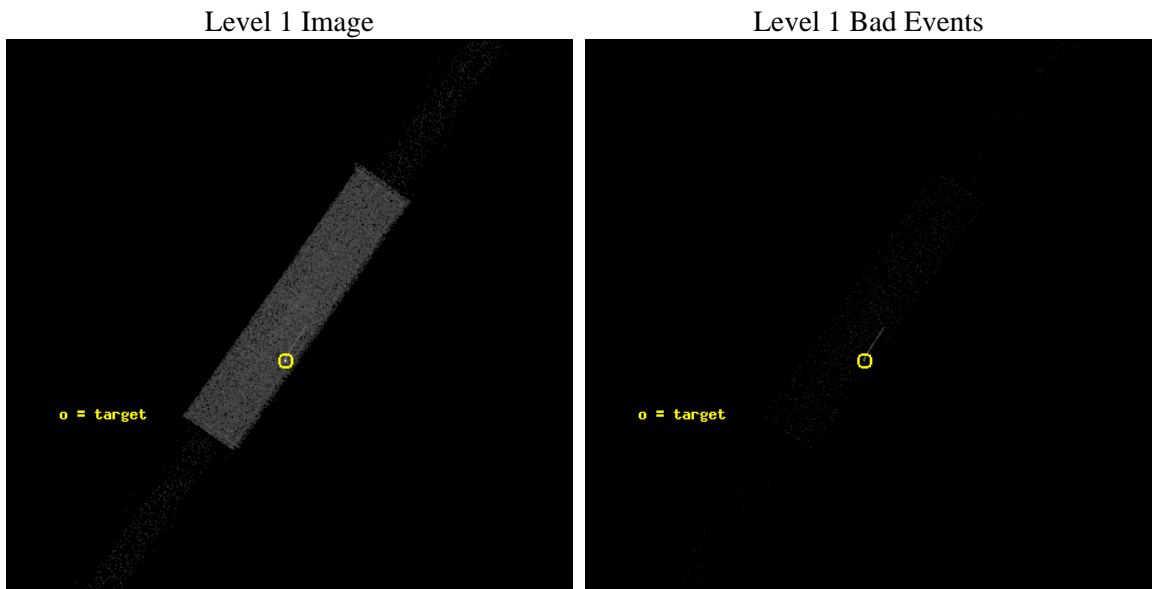
seq_num	290122	Sequence number
obs_id	2376	Observation id
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC,HRC-S,AO2	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.15914008277	Nominal RA [deg]
dec_nom	45.812257934717	Nominal Dec [deg]
roll_nom	305.26080579358	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1141.0812936574	[s]
livetime	1135.5939598205	Ontime multiplied by DTCOR
l2events	36715	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	1141.0812936574	[s]
caldbver	4.5.1.1	 	l1events	62407	Number of level 1 events
date	2012-09-05T01:18:39	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

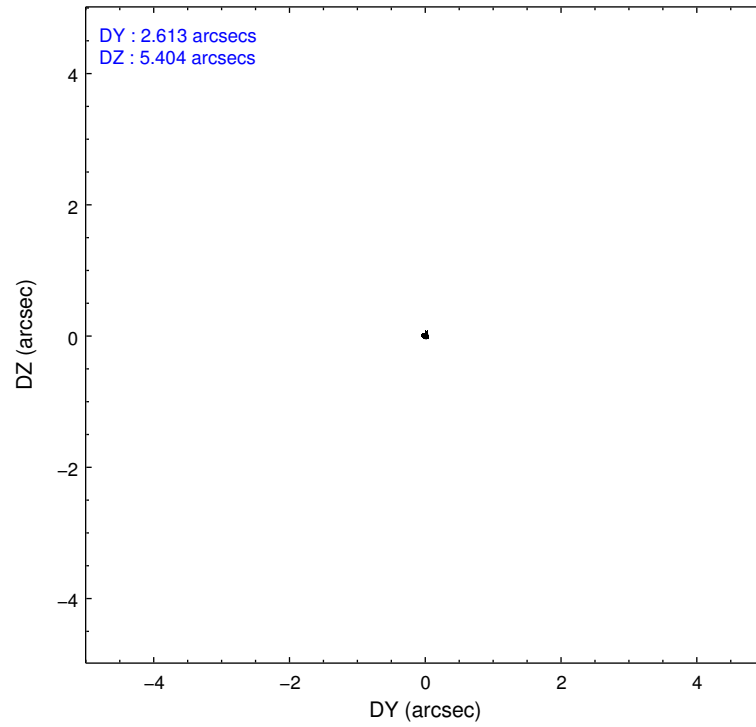
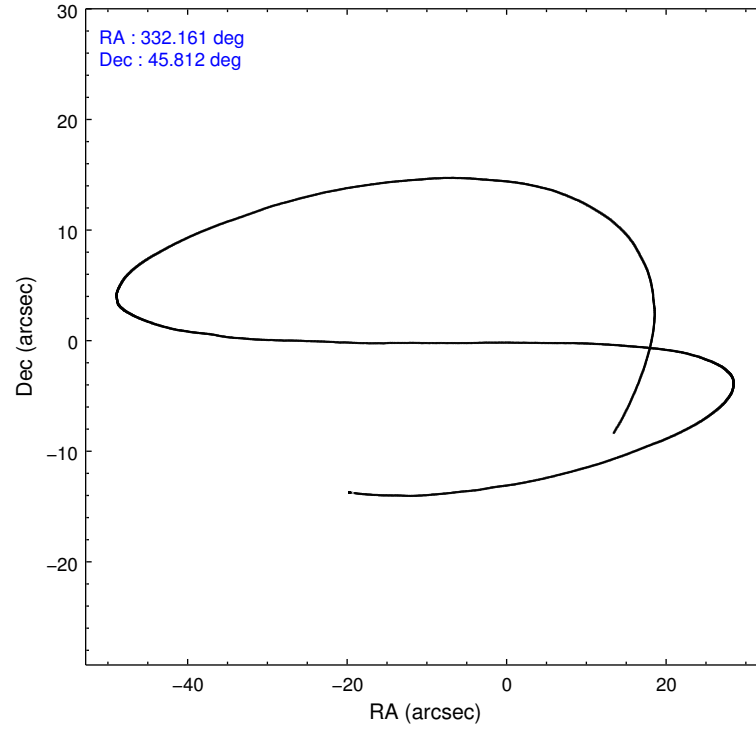
	segment 1	segment 2	segment 3
level 1 events	1126	60296	985
rejected events	1126	14153	985
rejected %	100%	23%	100%

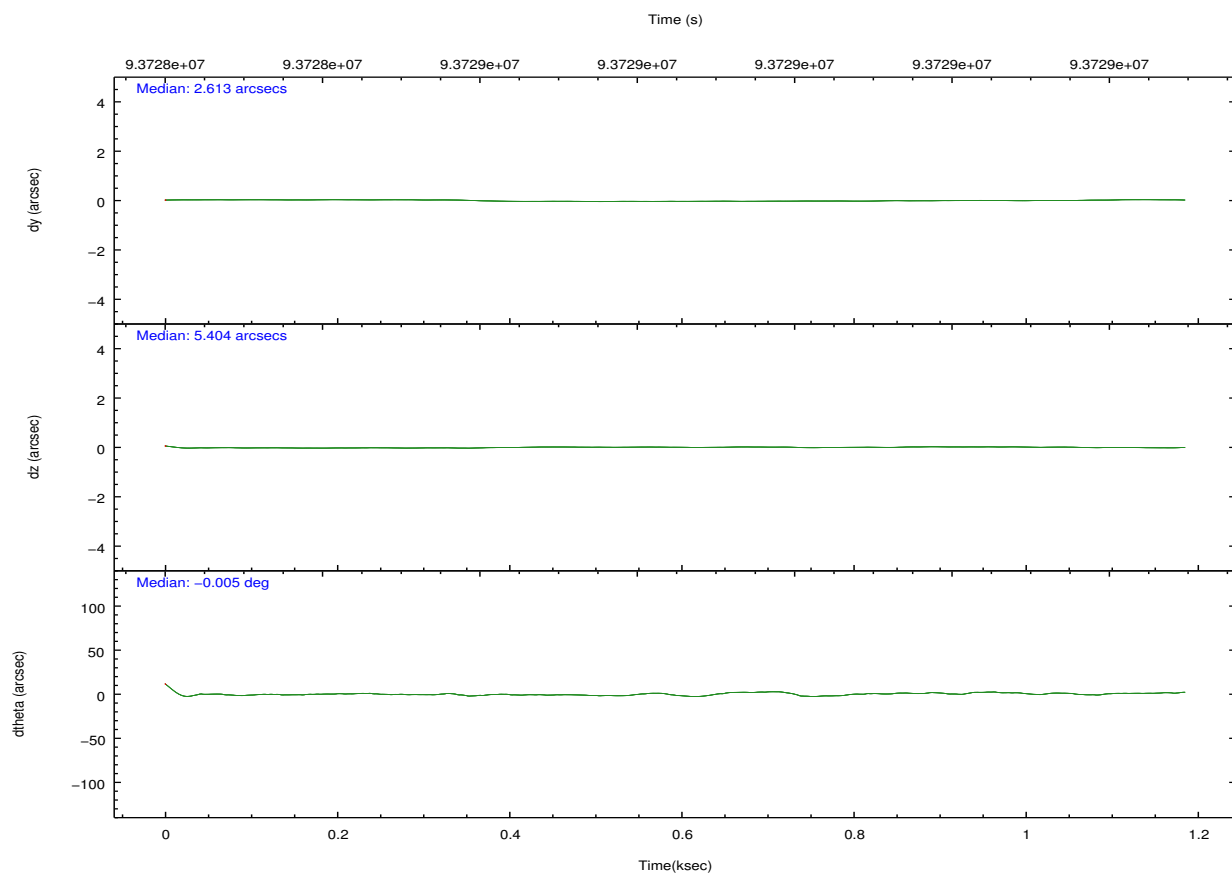
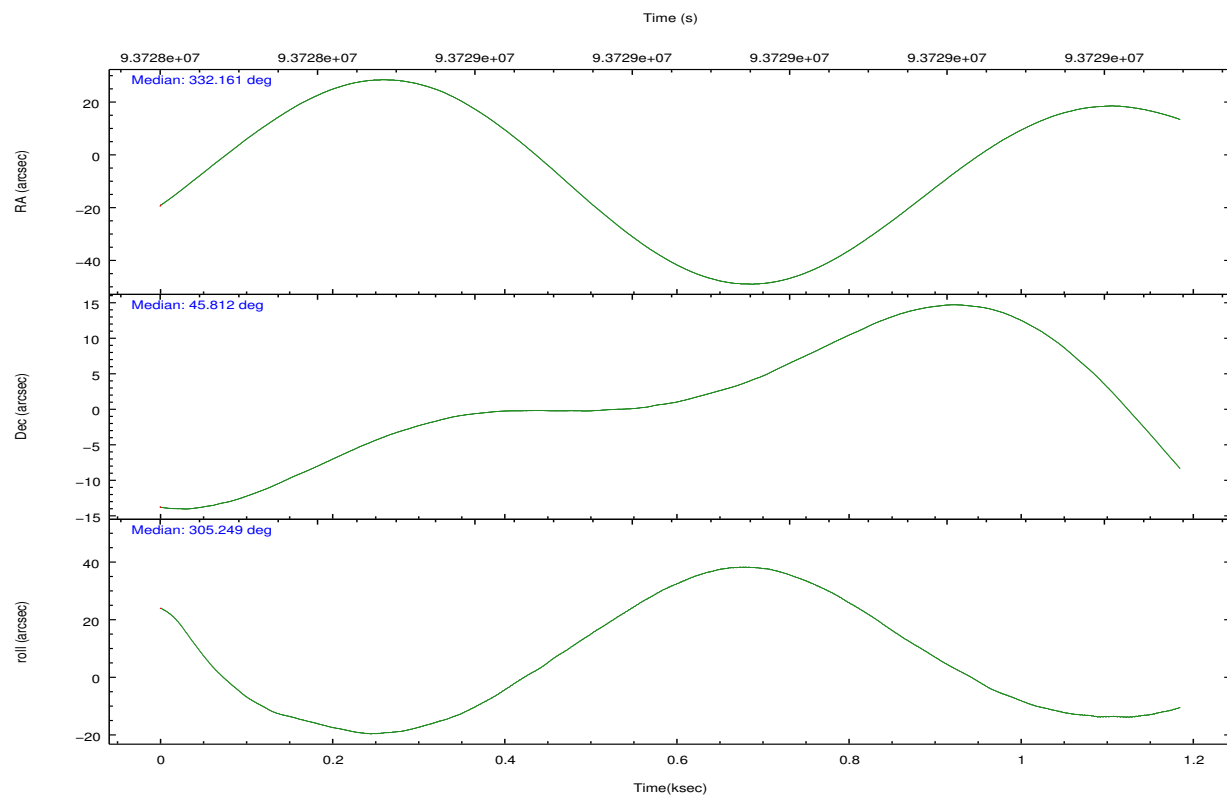
2.2 Compared Parameters

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	332.119604	332.1591400827747
[deg] Pointing Dec	45.822753	45.81225793471685
[deg] Pointing Roll	305.221712	305.2608057935808
[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)	93728442.184000	93728065.539278
Observation start date	2000-12-20T19:39:38	2000-12-20T19:34:25
[s] Observation end time (MET)	93729442.184000	93729575.876836
Observation end date	2000-12-20T19:56:18	2000-12-20T19:59:35

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

2.3 Aspect



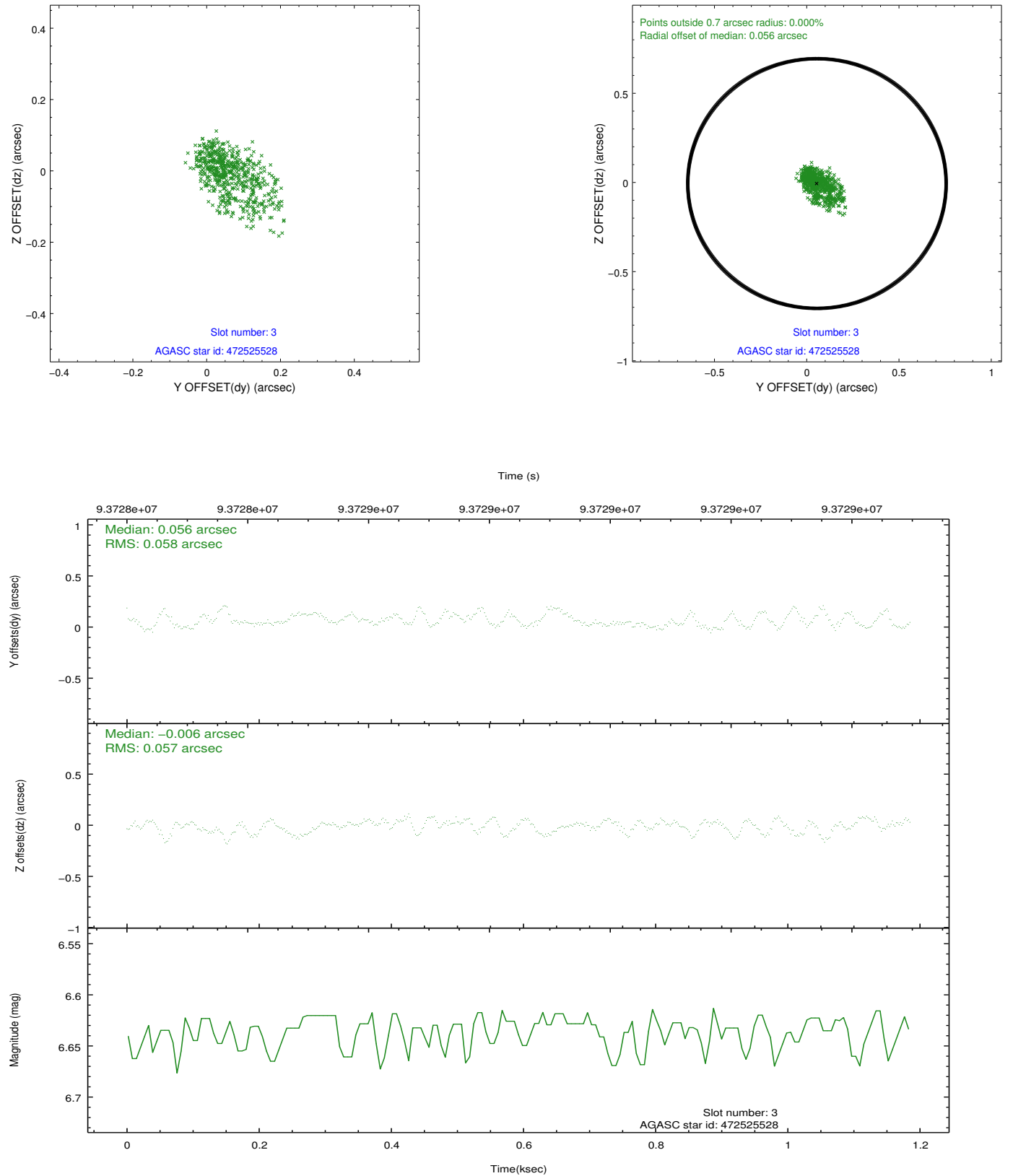


Slot Statistics

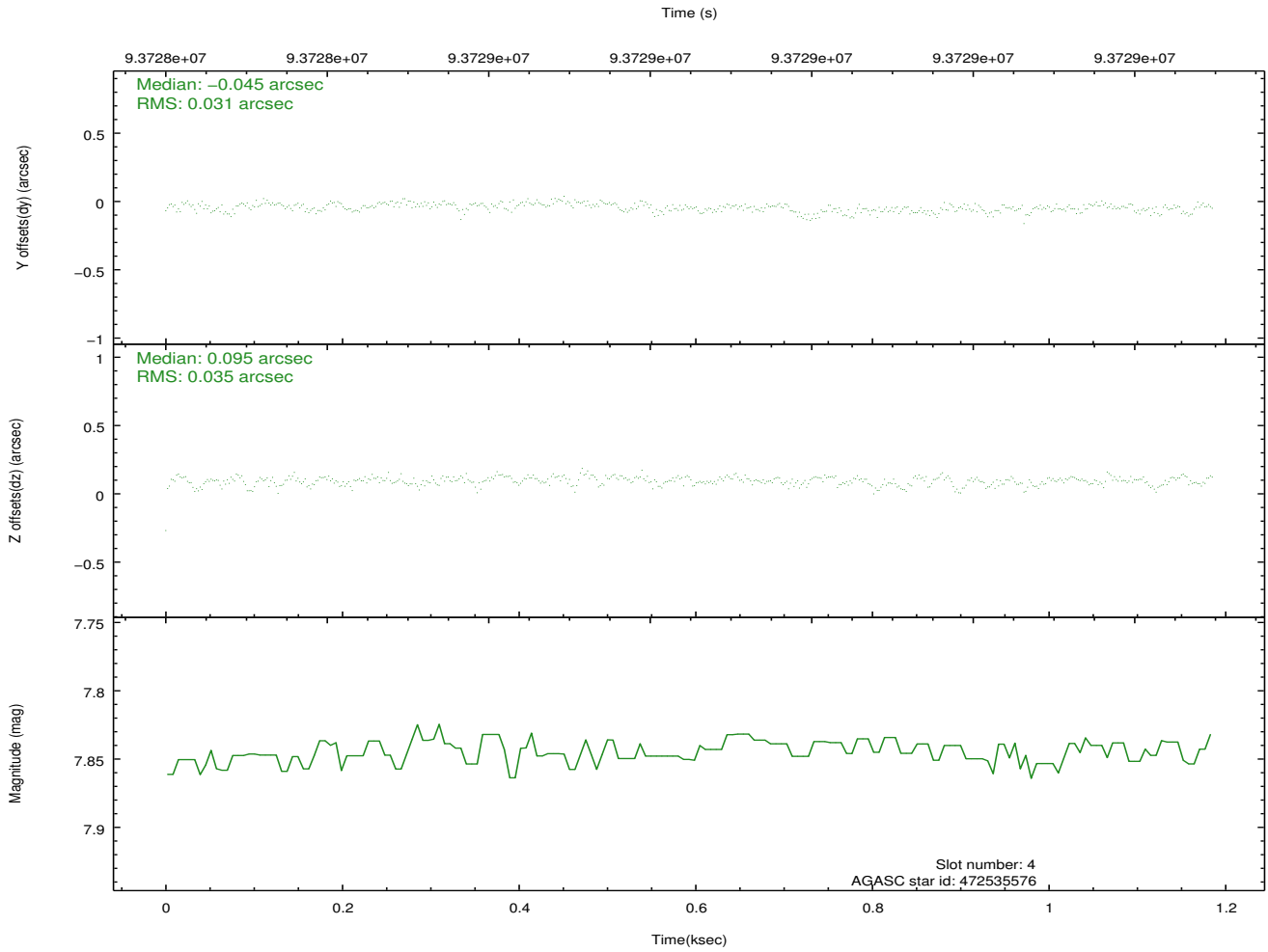
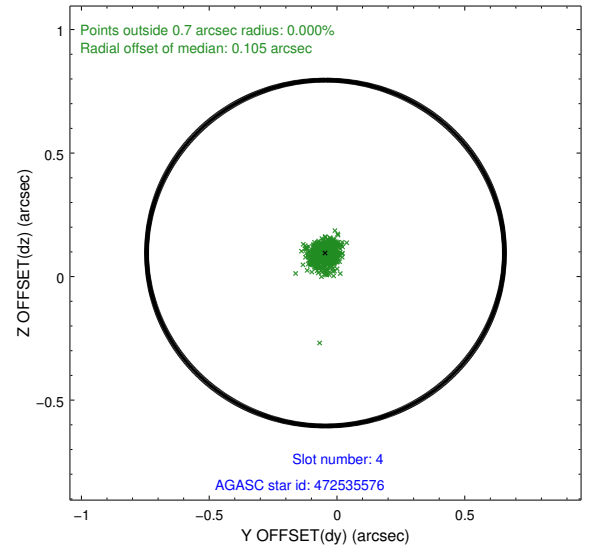
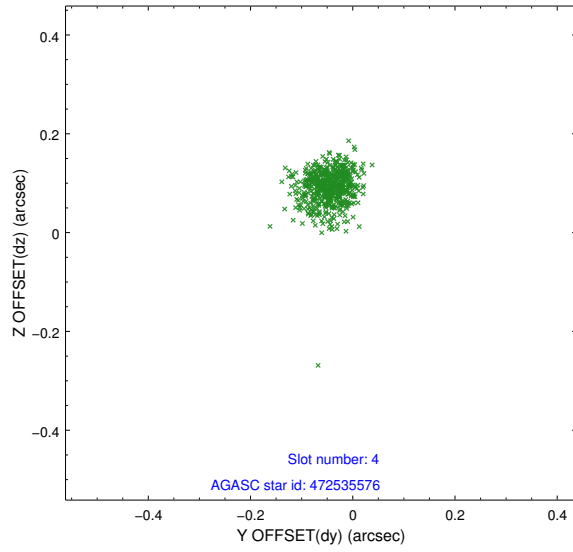
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	290	0.114	-0.153	0.006	0.011	0.000000	0.000000	-1156.66	-453.96
1	FID	HRC-S-3	6.99	290	0.151	-0.050	0.008	0.013	0.000000	0.000000	-1163.35	574.11
2	FID	HRC-S-4	6.93	290	0.123	-0.093	0.005	0.009	0.000000	0.000000	1237.58	580.22
3	GUIDE	472525528	6.63	579	0.056	-0.006	0.084	0.146	331.551102	45.248694	852.52	-2370.16
4	GUIDE	472535576	7.85	579	-0.045	0.095	0.046	0.079	331.438373	46.291802	-2362.28	-414.97
5	GUIDE	472523760	8.23	579	0.023	-0.125	0.061	0.097	331.645363	45.403260	534.67	-1853.17
6	GUIDE	472665256	9.02	579	-0.069	-0.063	0.074	0.122	332.808125	46.195041	-111.99	2171.37
7	GUIDE	472659832	9.46	578	0.020	0.095	0.090	0.156	332.780399	46.098139	134.34	1922.93

2.4 Star Slots

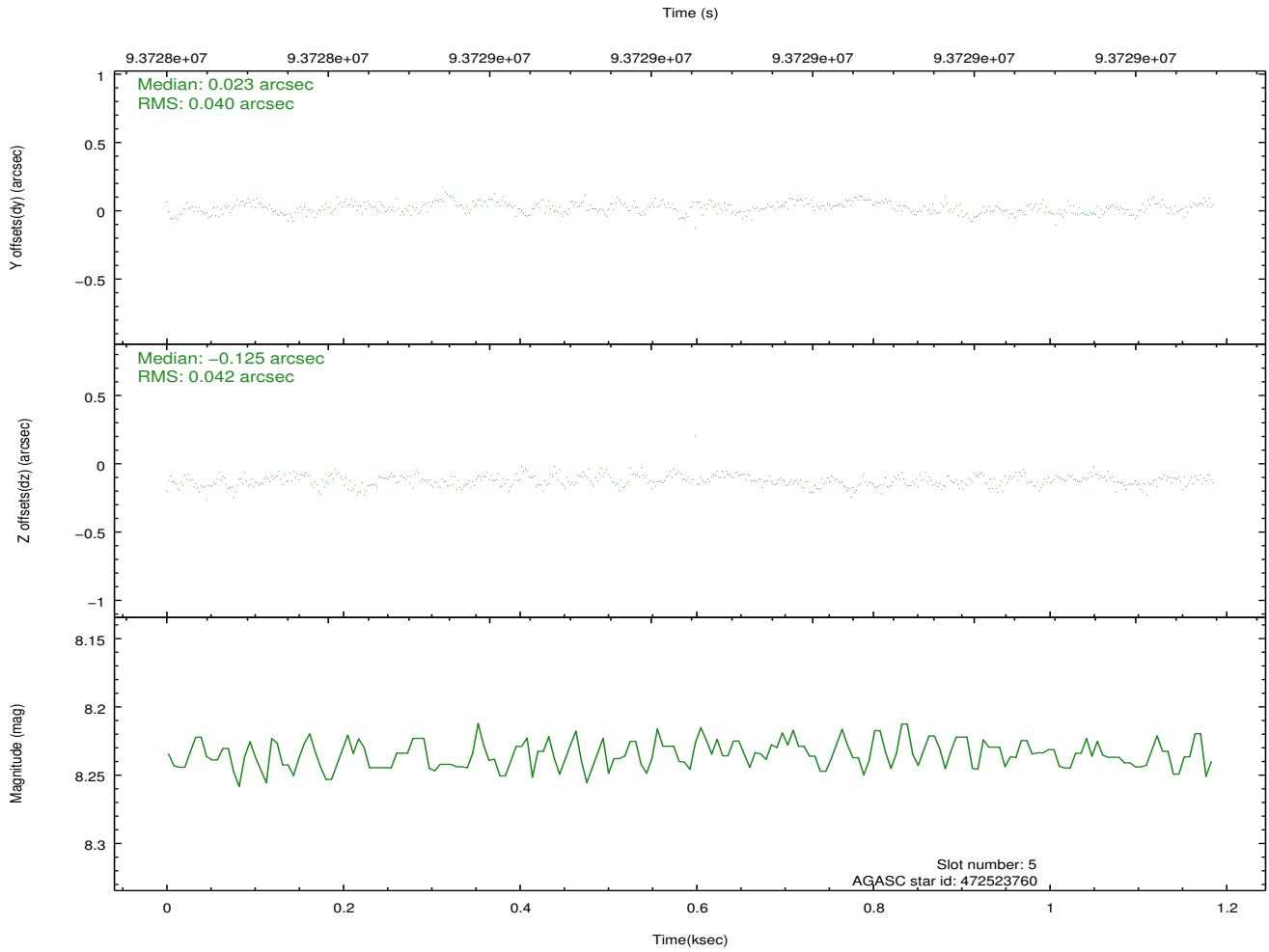
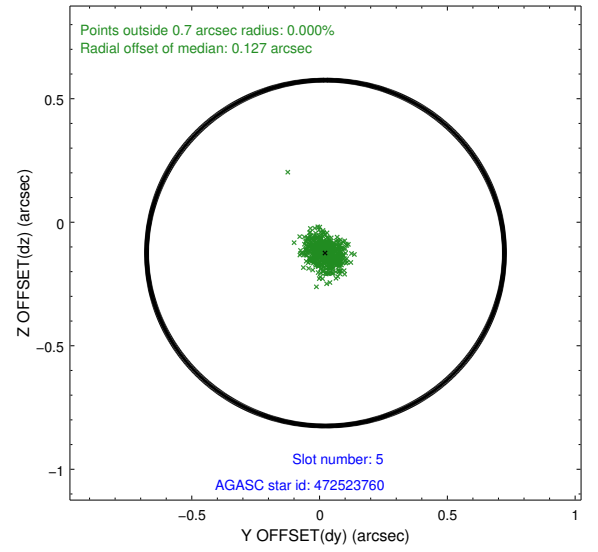
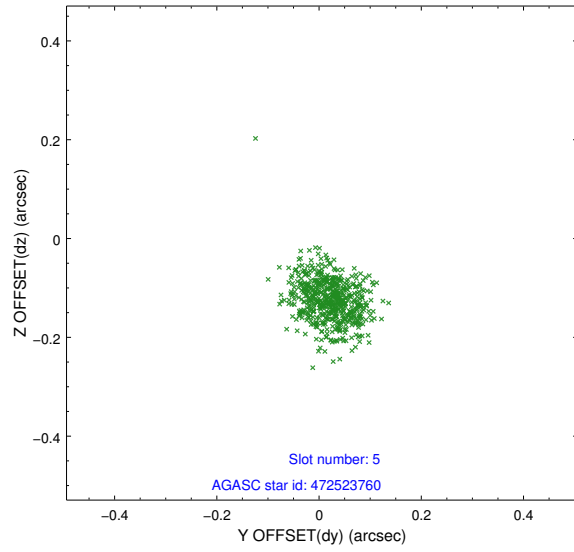
2.4.1 Slot 3



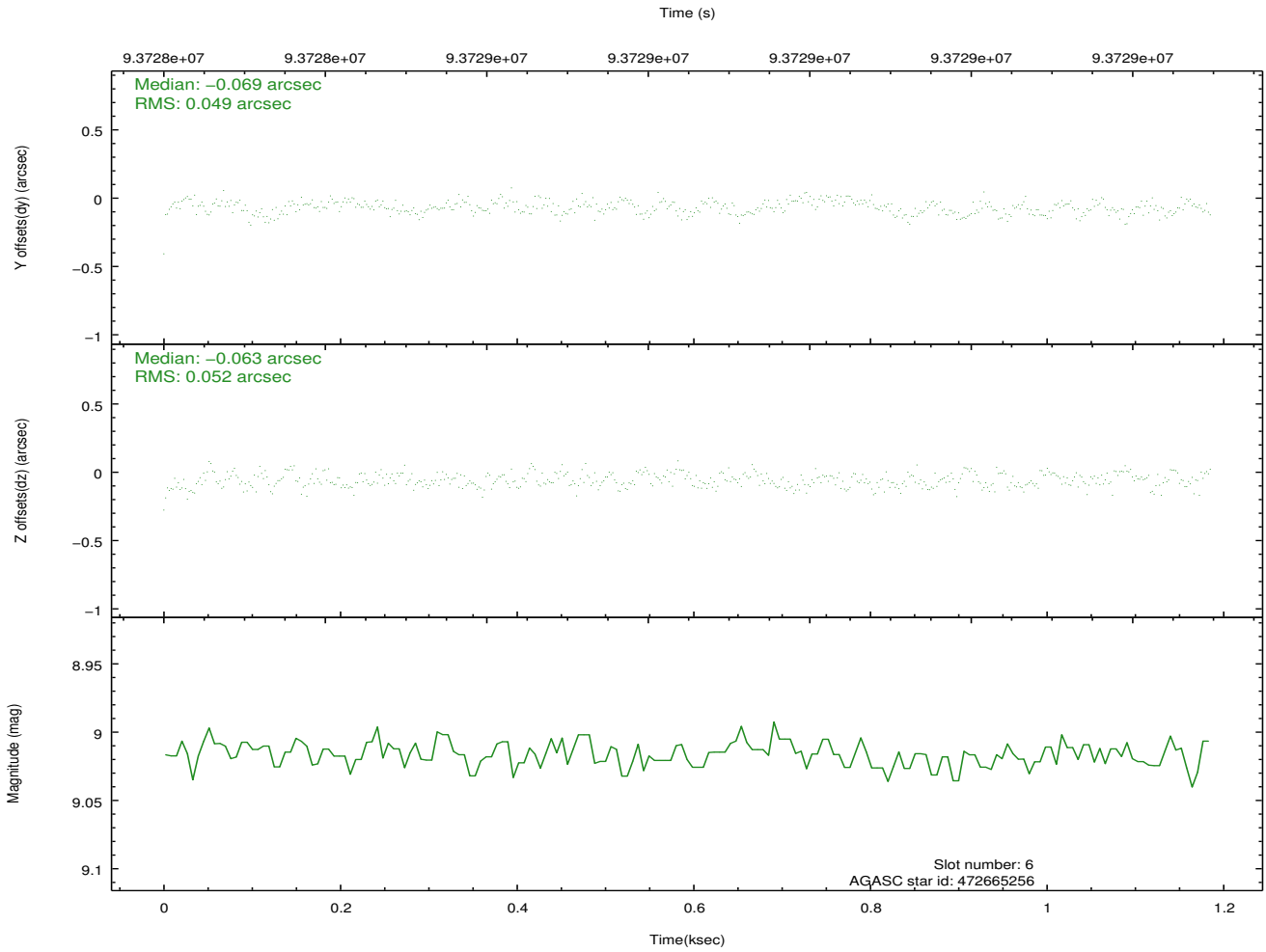
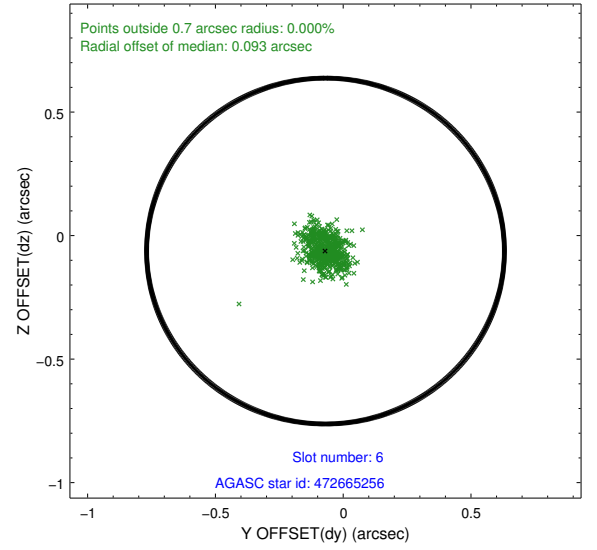
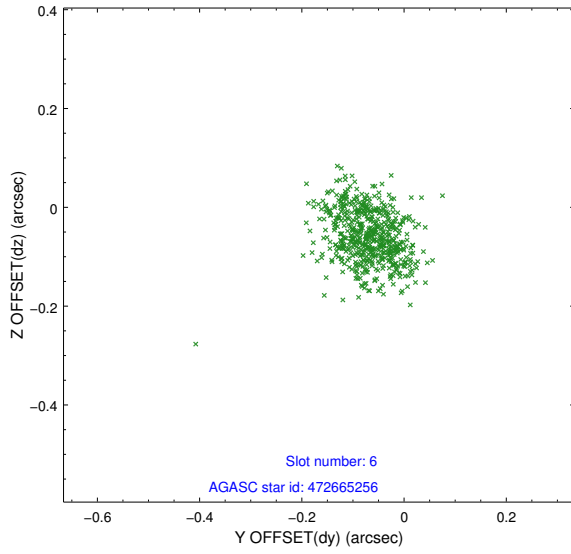
2.4.2 Slot 4



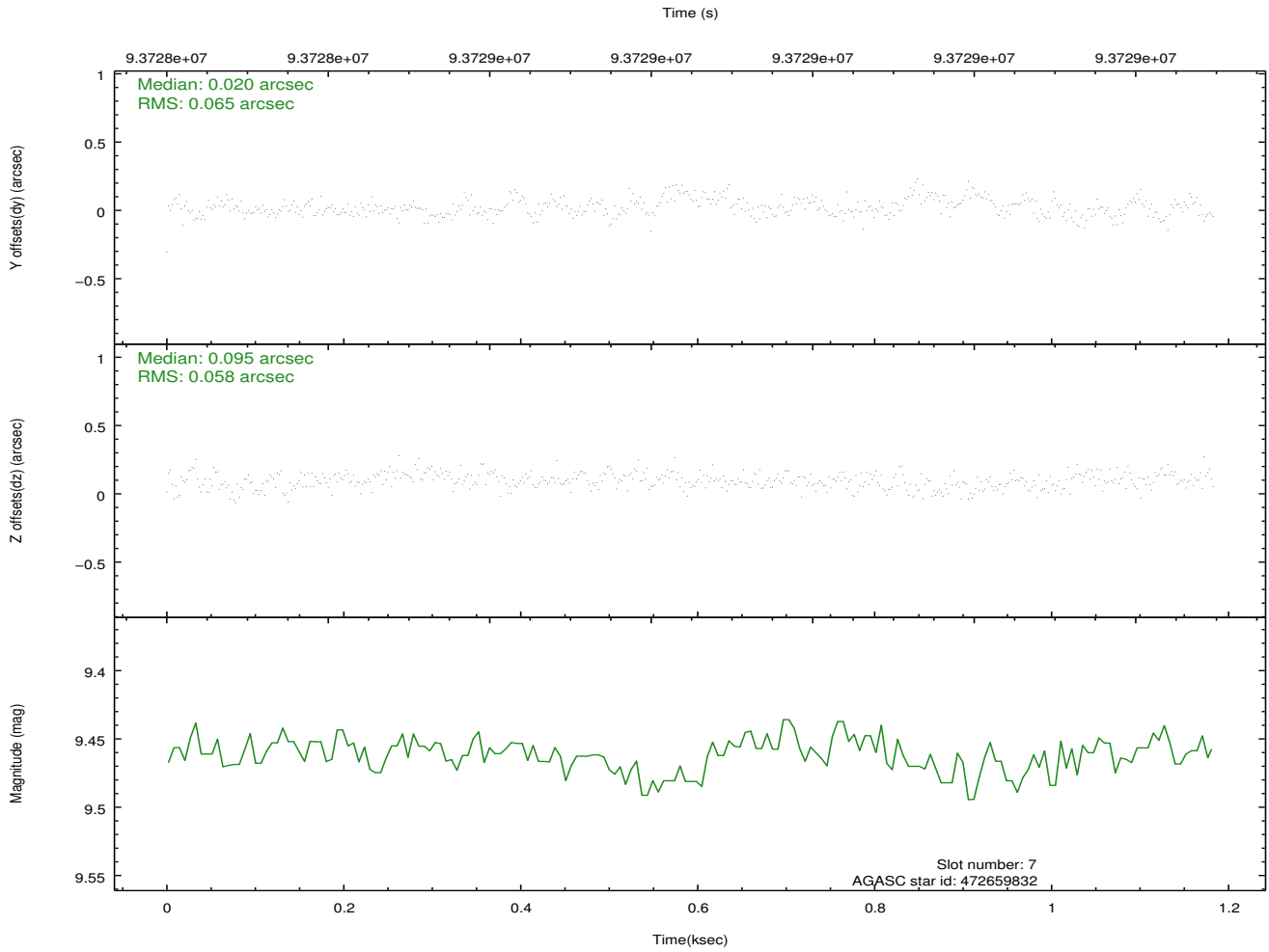
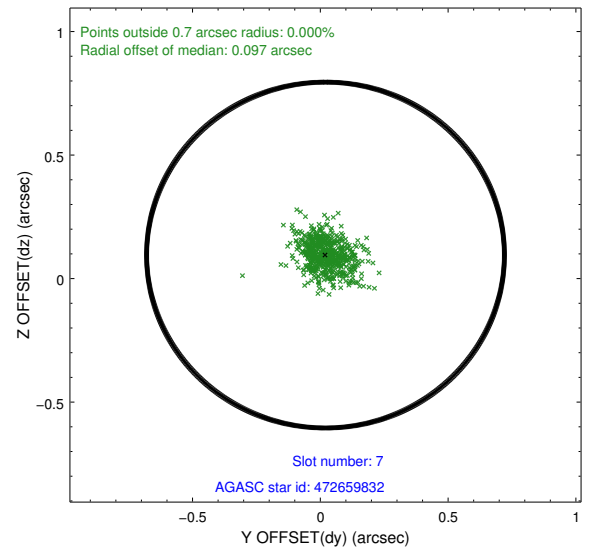
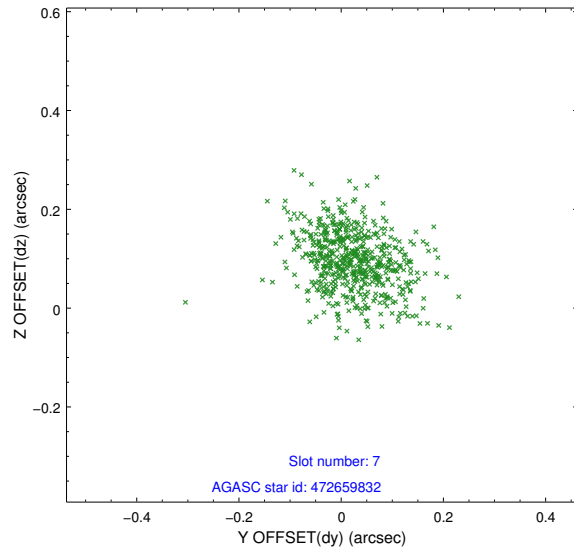
2.4.3 Slot 5



2.4.4 Slot 6

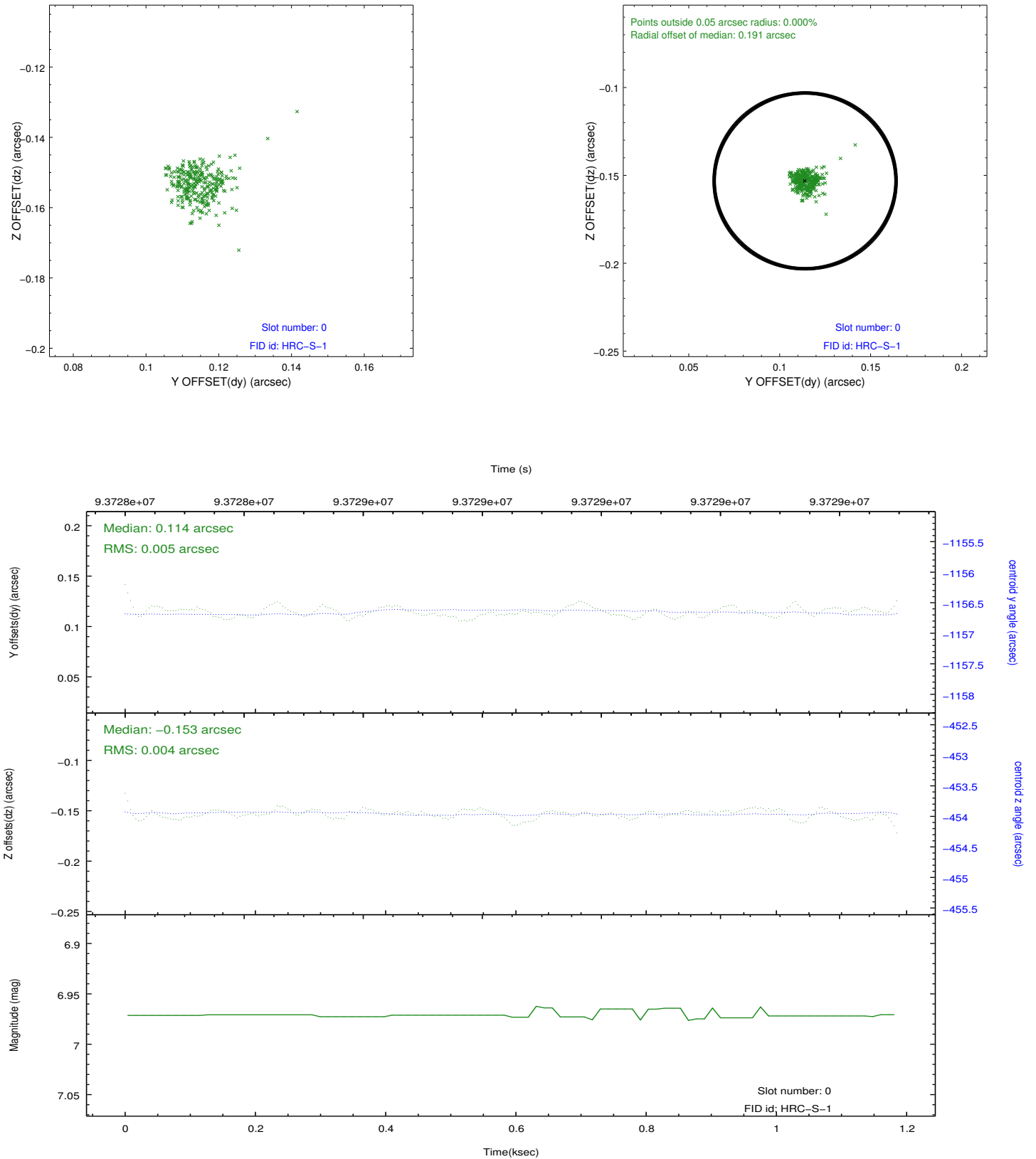


2.4.5 Slot 7

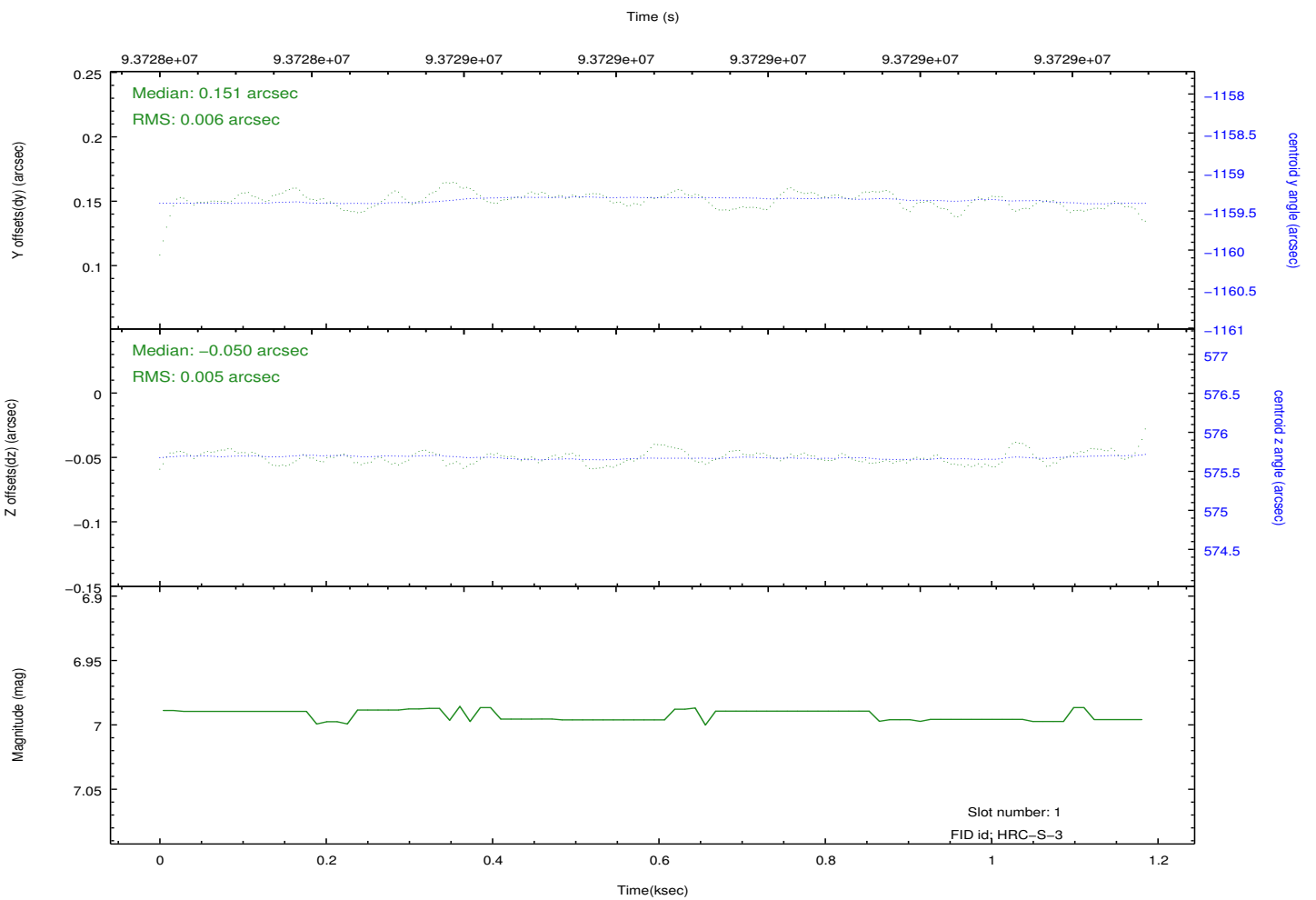
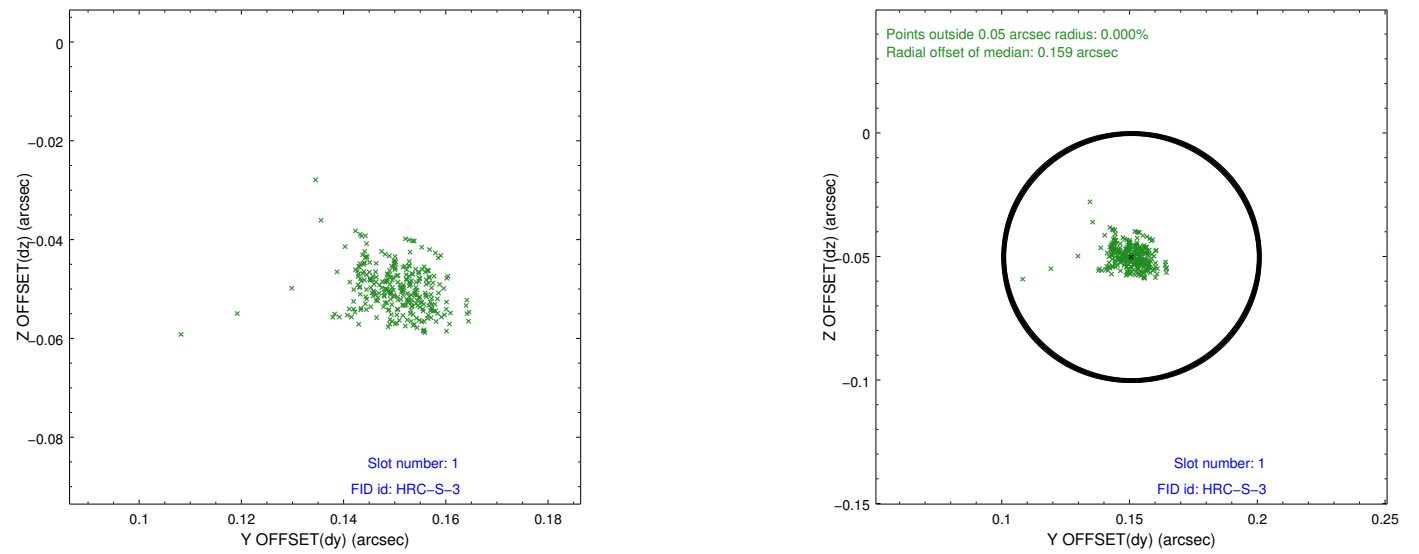


2.5 FID Slots

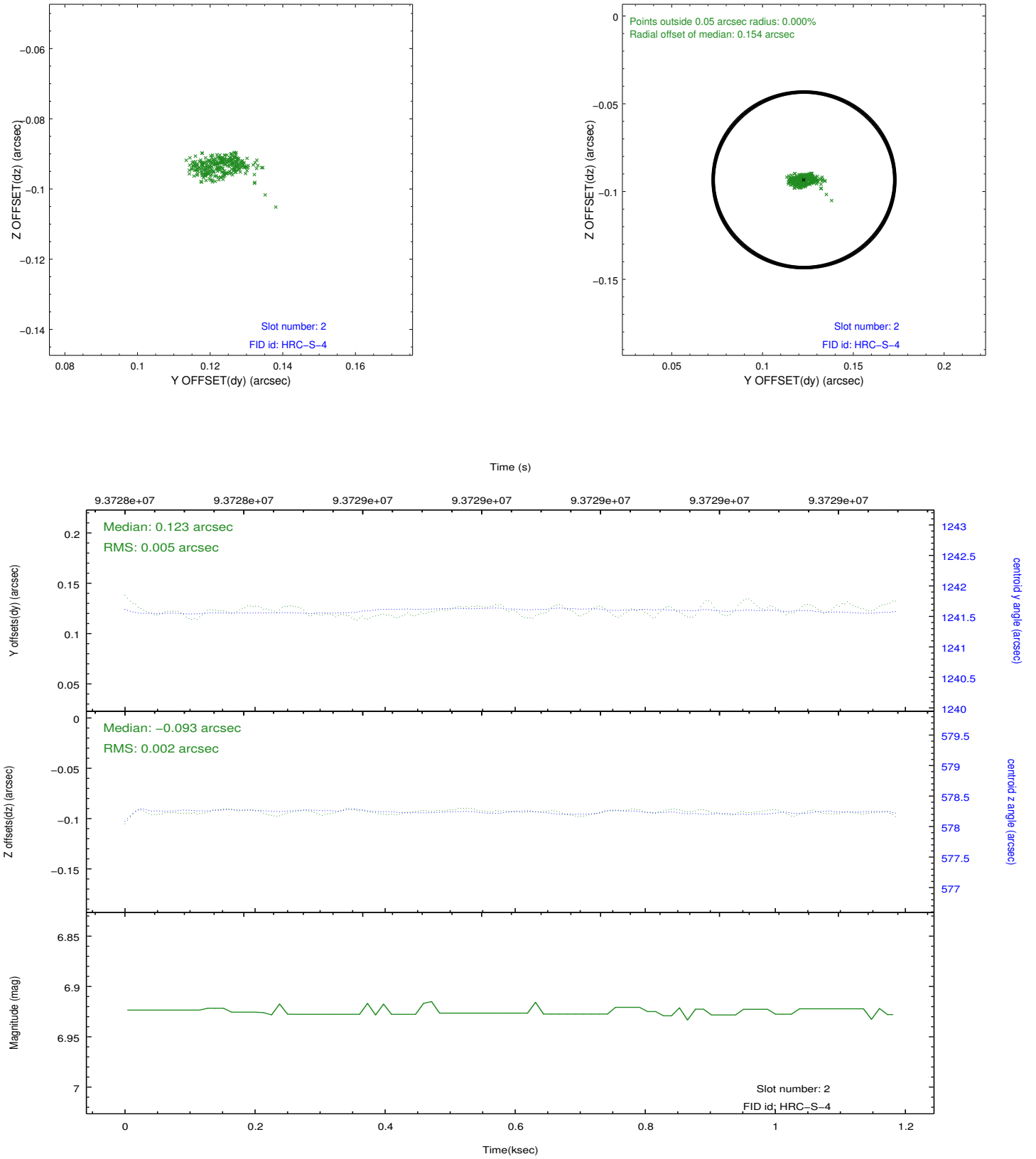
2.5.1 Slot 0



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)	2012.09.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.184

A.2 Comments

Charge time for this ObsId remains at previous value of 1.184 ks, although with the current processing the charge time would have been 1.14 ksec.