

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2450 - L2 Version 5
Chandra X-Ray Center

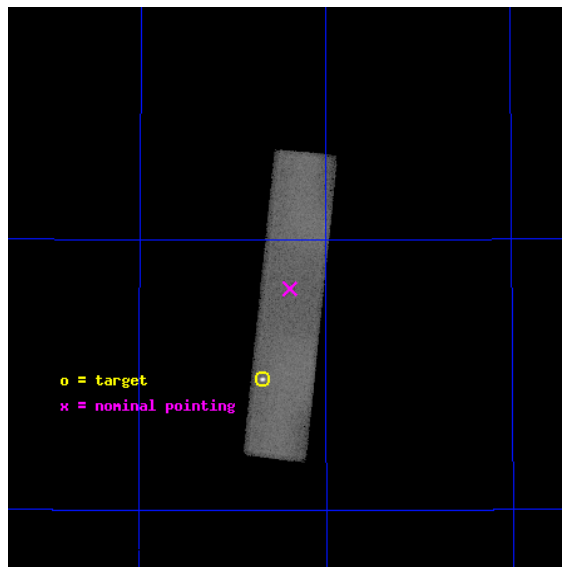
L2 Processing Date : Sep 18 2012

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1 Front

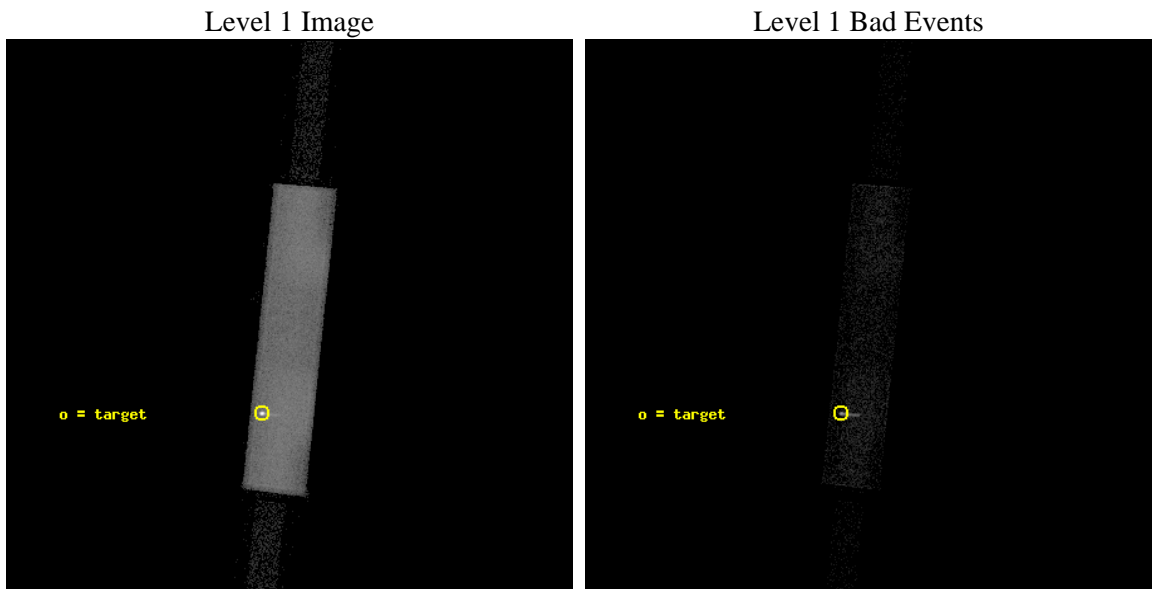
seq_num	290078	Sequence number
obs_id	2450	Observation id
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.09705790871	Nominal RA [deg]
dec_nom	45.909698606473	Nominal Dec [deg]
roll_nom	95.91134866998	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1374.7813033909	[s]
livetime	1353.9244910075	Ontime multiplied by DTCOR
l2events	156373	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	1234.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1374.7813033909	[s]
caldbver	4.5.1.1	 	l1events	217760	Number of level 1 events
date	2012-09-18T22:55:55	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

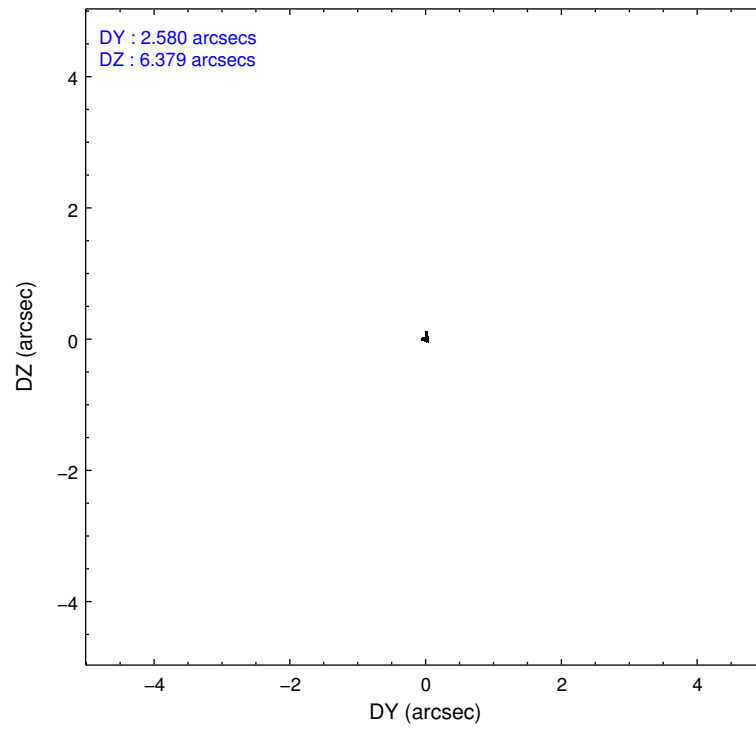
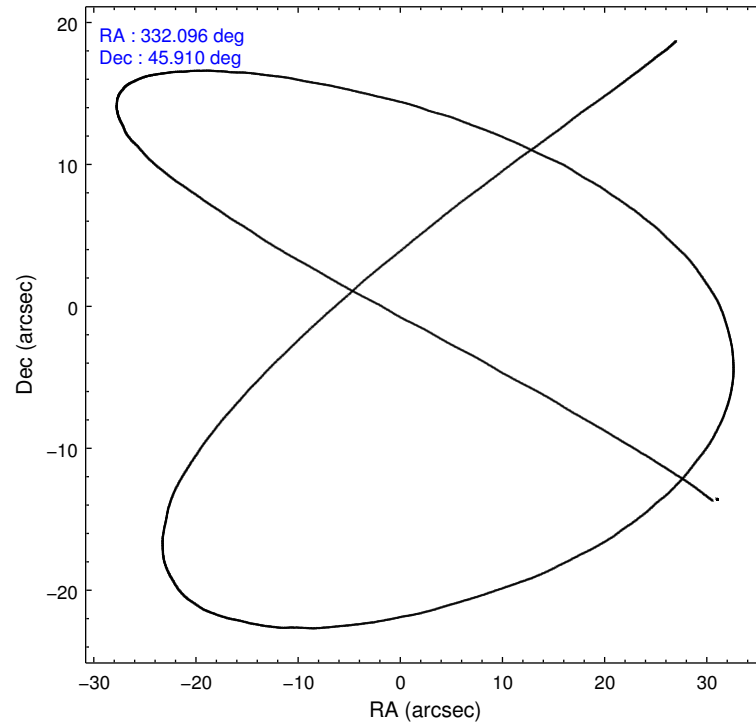
	segment 1	segment 2	segment 3
level 1 events	3609	211125	3026
rejected events	3609	40764	3026
rejected %	100%	19%	100%

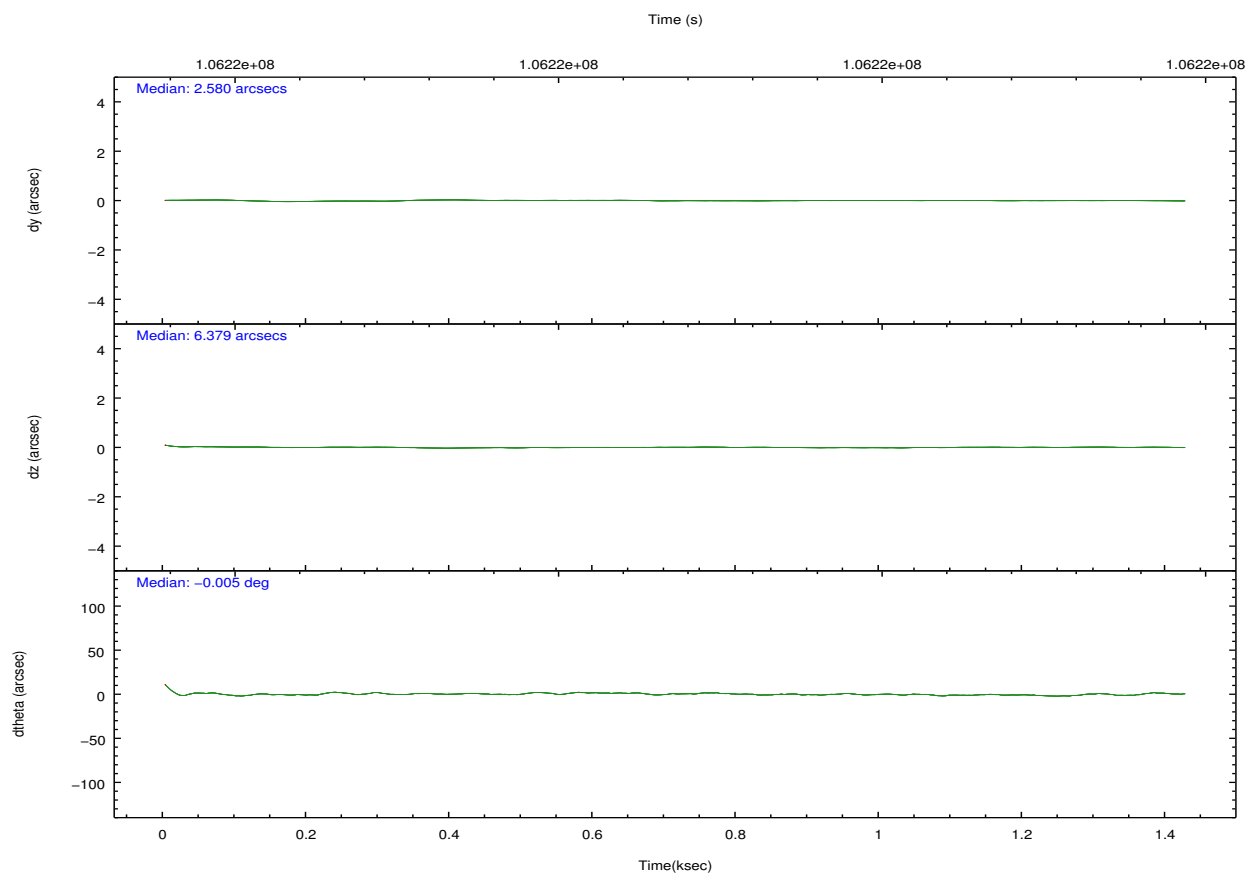
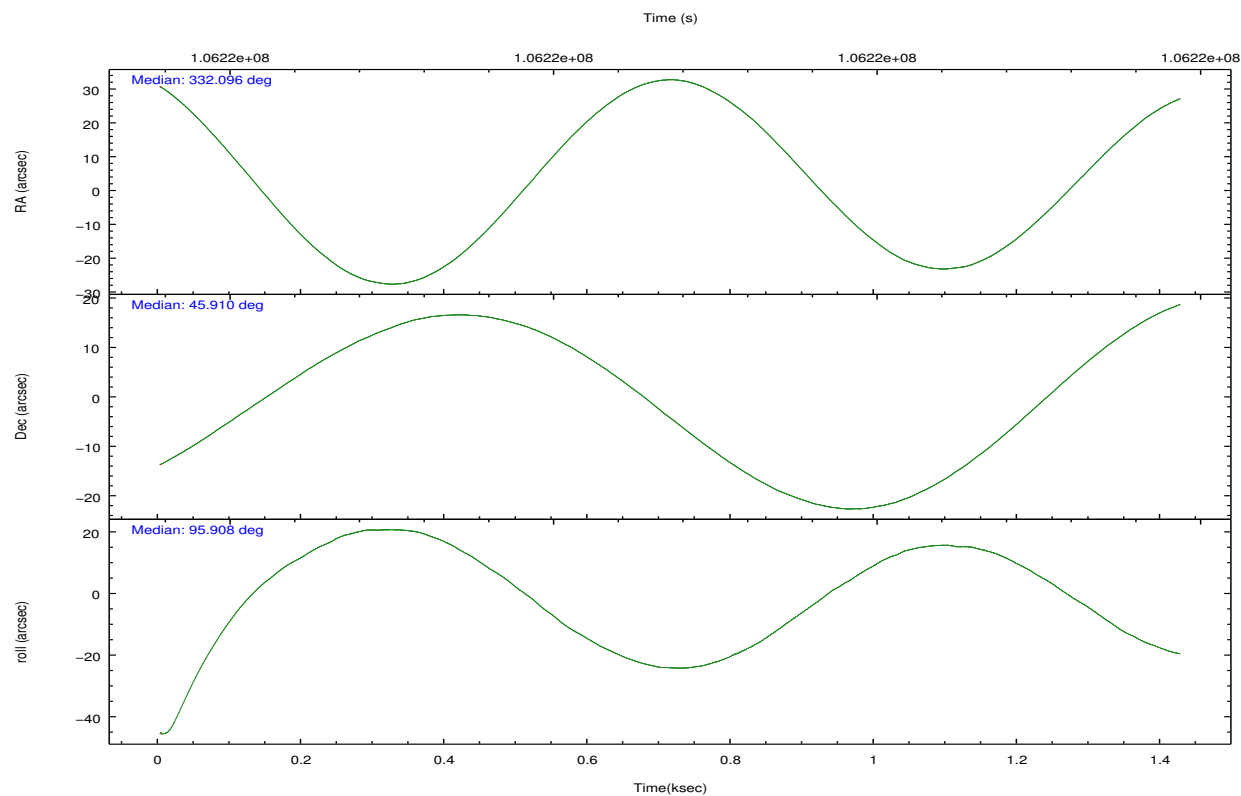
2.2 Compared Parameters

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	332.123381	332.0970579087105
[deg] Pointing Dec	45.887092	45.90969860647341
[deg] Pointing Roll	95.825366	95.91134866998013
[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)	106219659.184000	106219282.8464
Observation start date	2001-05-14T09:26:35	2001-05-14T09:21:22
[s] Observation end time (MET)	106220893.184000	106221026.88397
Observation end date	2001-05-14T09:47:09	2001-05-14T09:50:26

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

2.3 Aspect



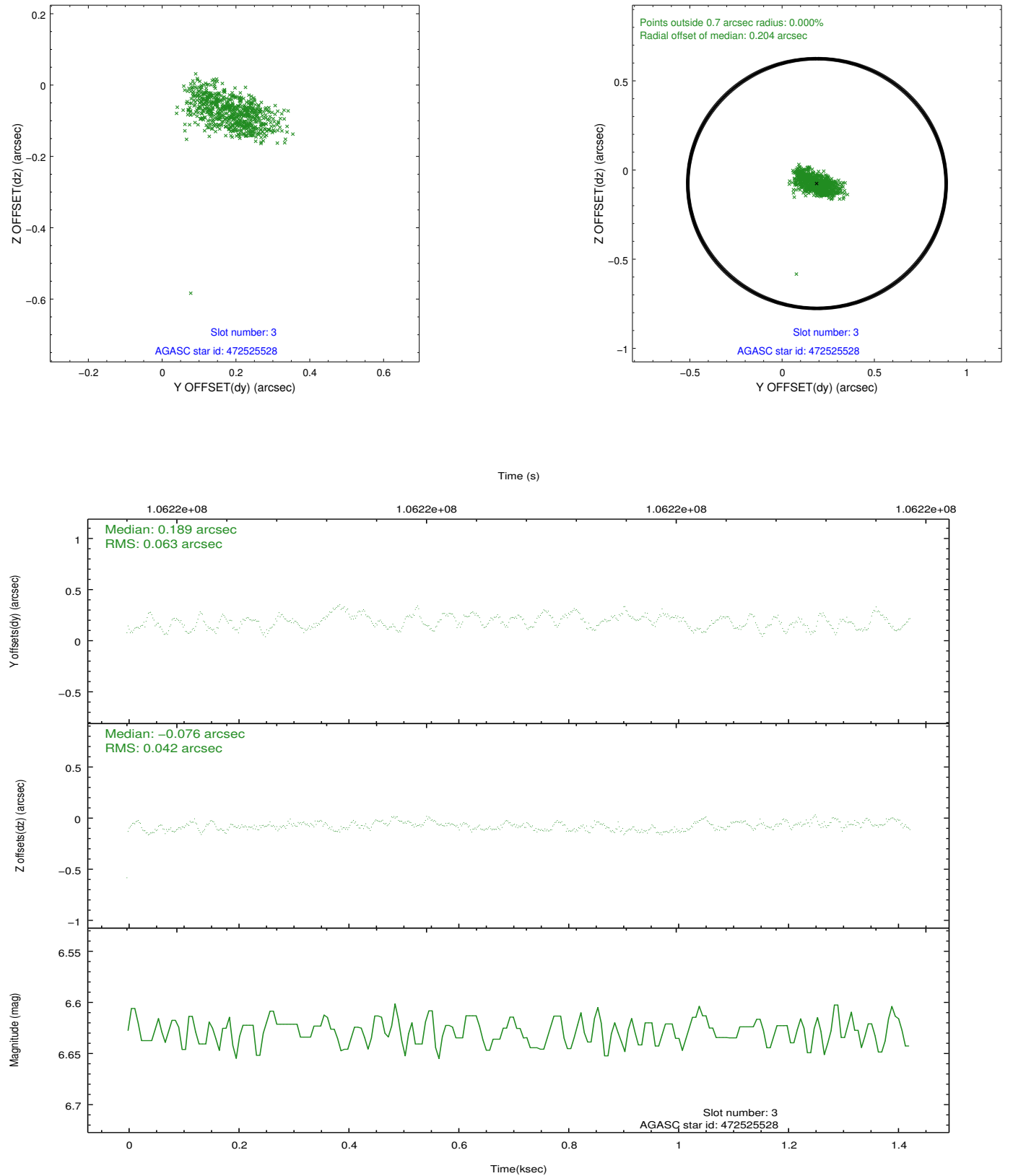


Slot Statistics

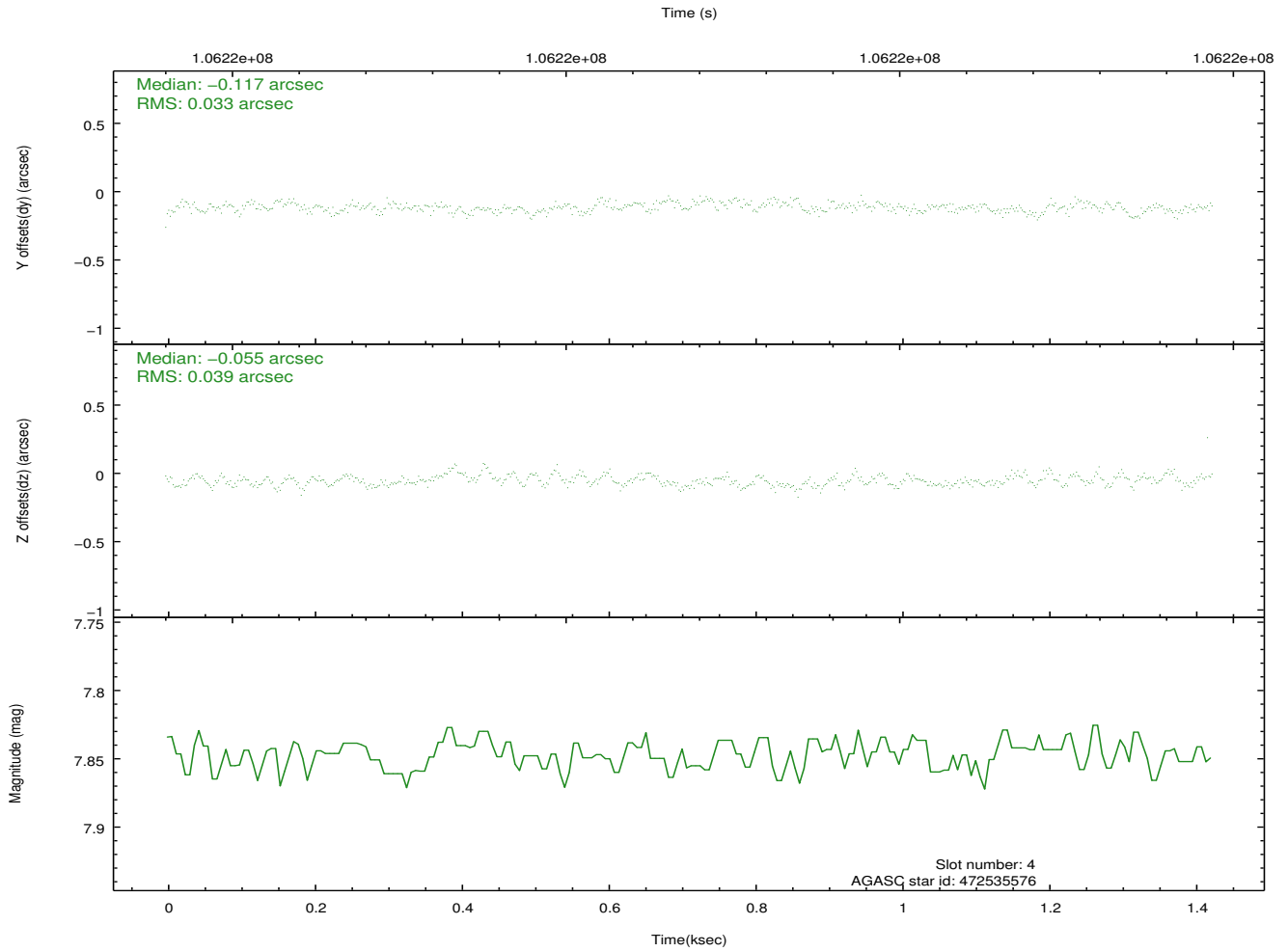
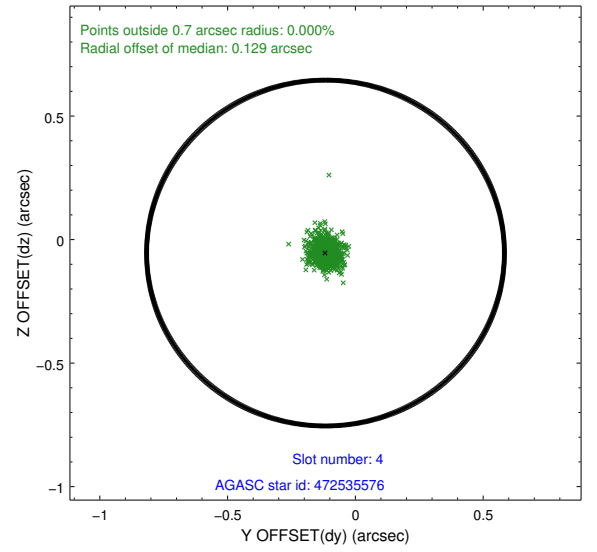
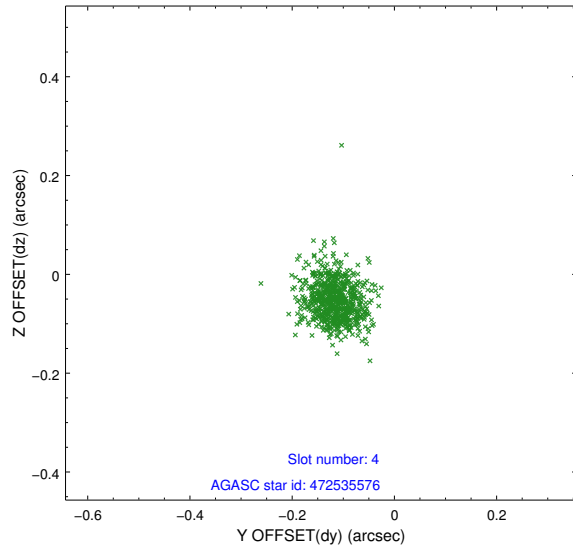
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	347	0.108	-0.106	0.006	0.010	0.000000	0.000000	-1156.62	-454.93
1	FID	HRC-S-3	7.00	347	0.152	-0.100	0.006	0.011	0.000000	0.000000	-1162.66	573.29
2	FID	HRC-S-4	6.94	348	0.128	-0.091	0.004	0.008	0.000000	0.000000	1238.28	578.90
3	GUIDE	472525528	6.63	696	0.189	-0.076	0.078	0.128	331.551102	45.248694	-2135.07	1673.15
4	GUIDE	472535576	7.85	696	-0.117	-0.055	0.052	0.088	331.438373	46.291802	1625.31	1546.68
5	GUIDE	472536328	8.13	696	-0.180	-0.021	0.048	0.077	331.496671	46.454831	2198.15	1338.26
6	GUIDE	472523760	8.24	696	0.112	0.075	0.059	0.092	331.645363	45.403260	-1604.53	1377.96
7	GUIDE	472663088	9.03	695	-0.014	0.076	0.097	0.158	332.931735	46.600119	2357.68	-2251.02

2.4 Star Slots

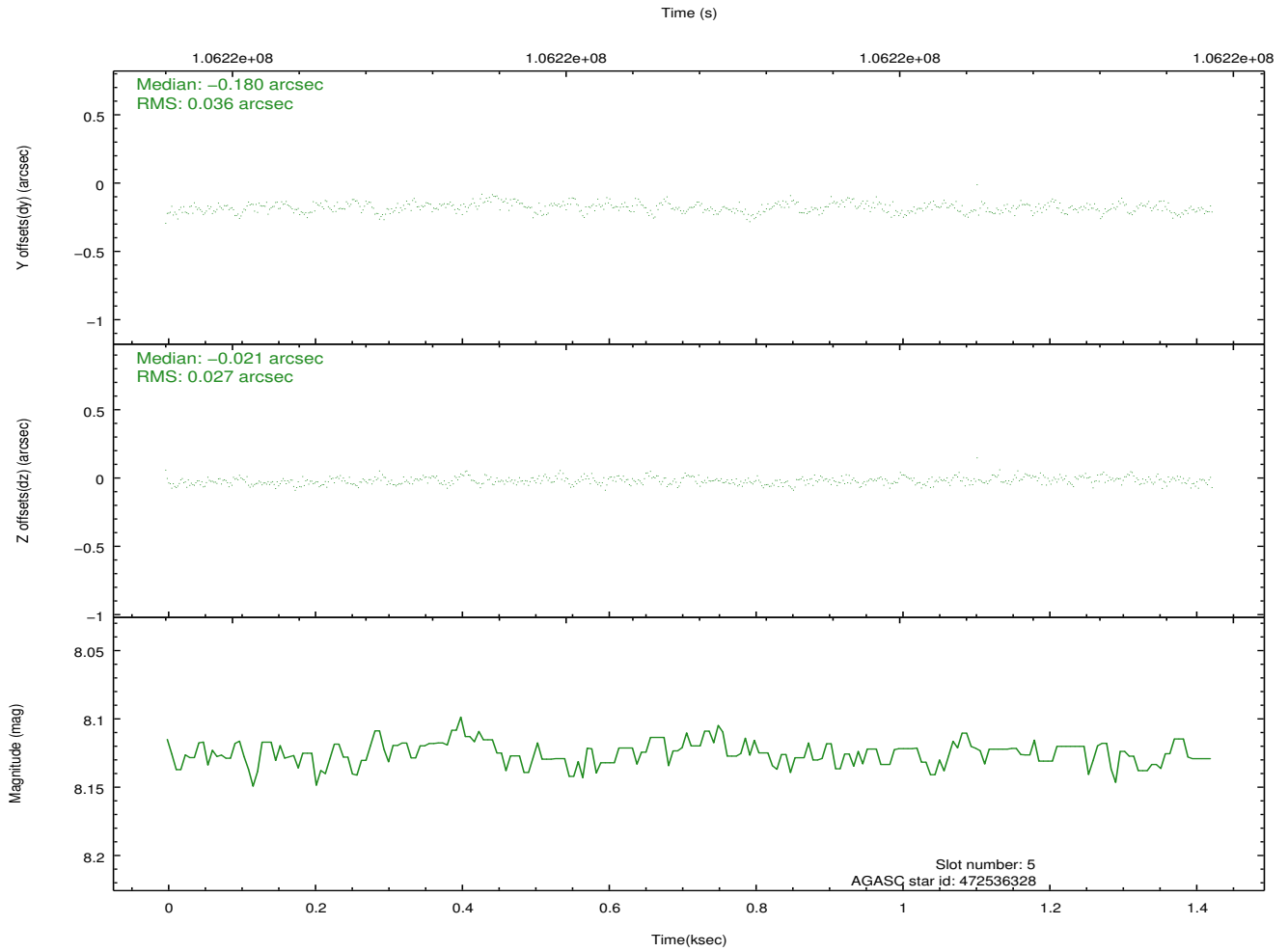
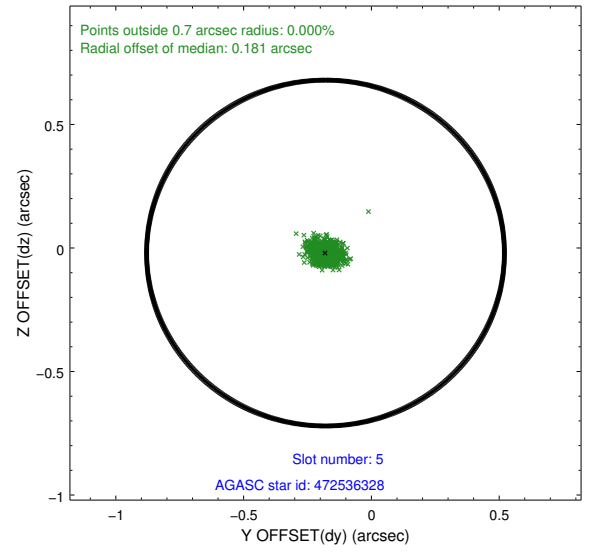
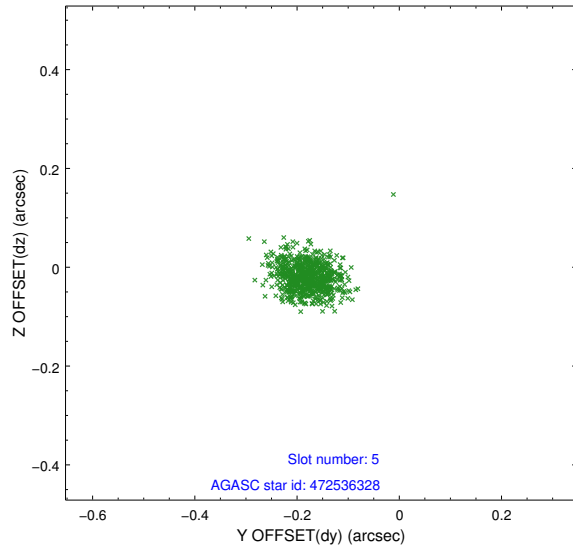
2.4.1 Slot 3



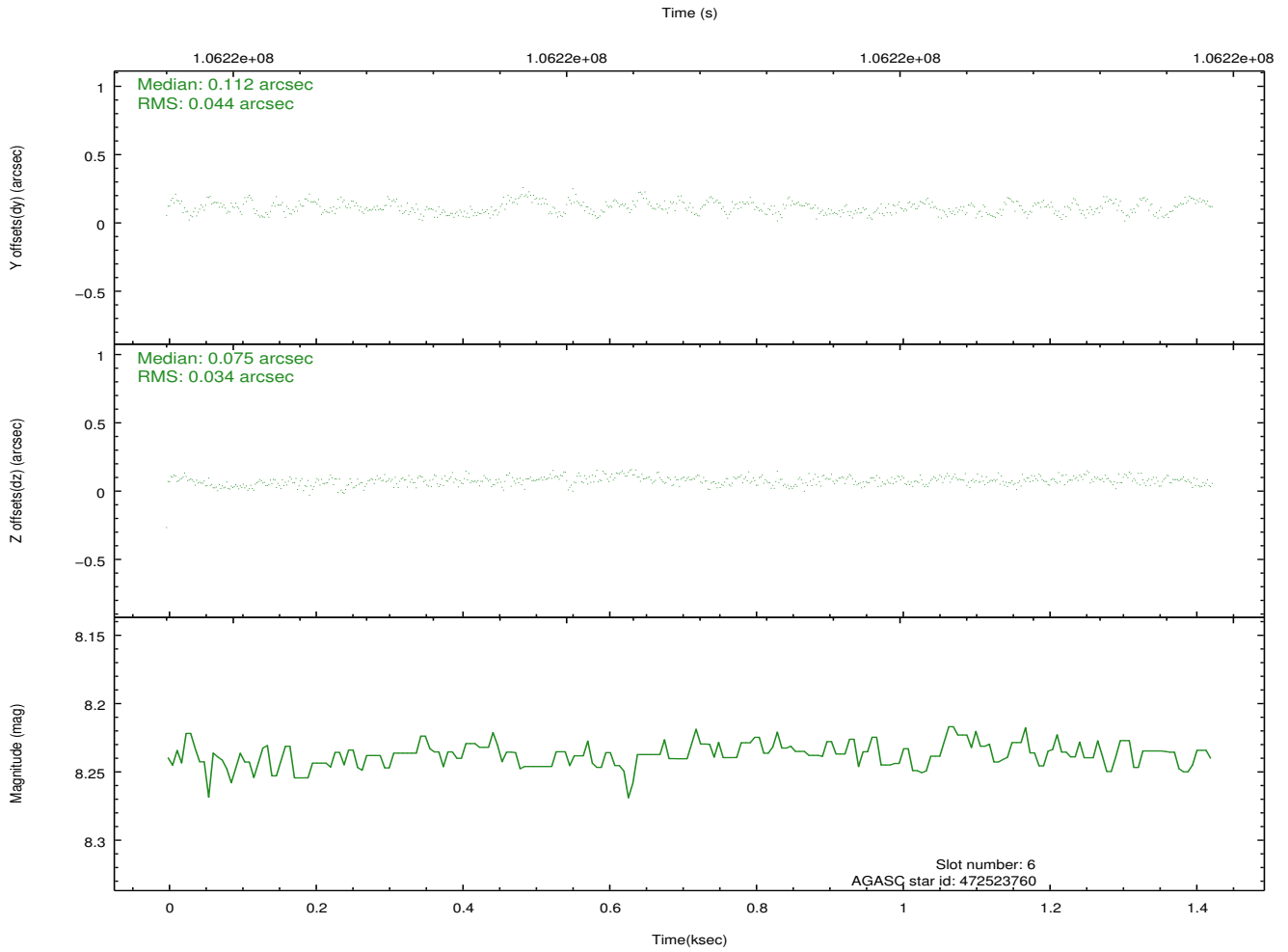
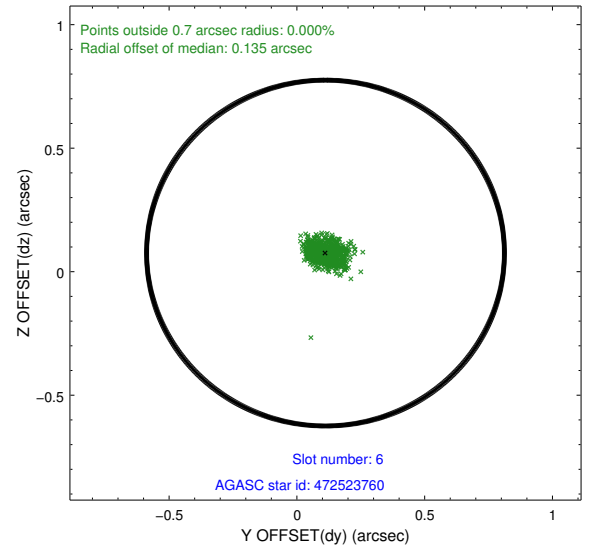
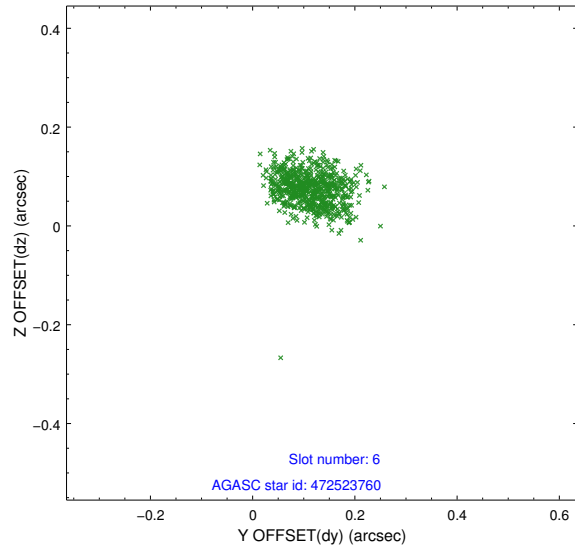
2.4.2 Slot 4



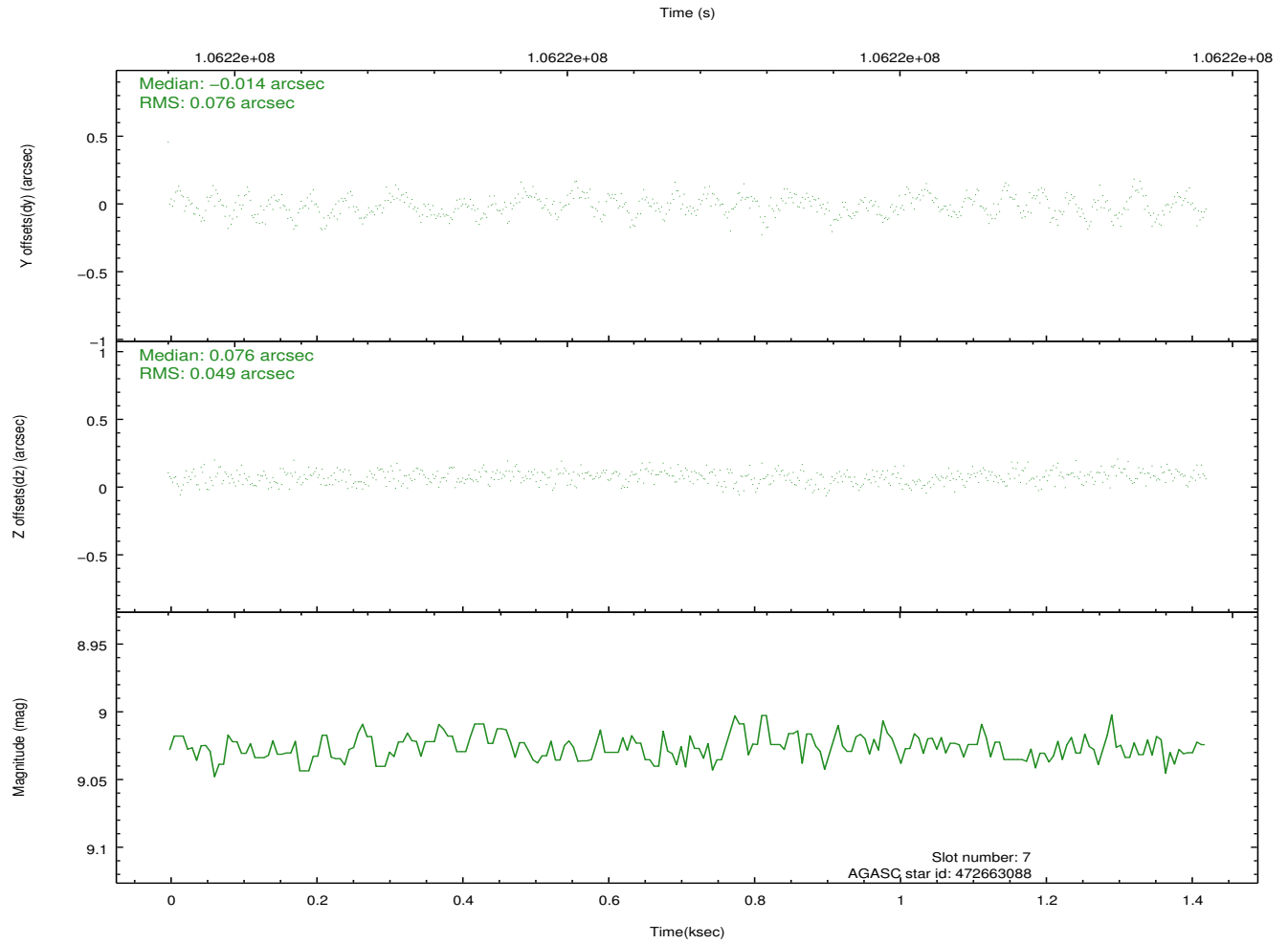
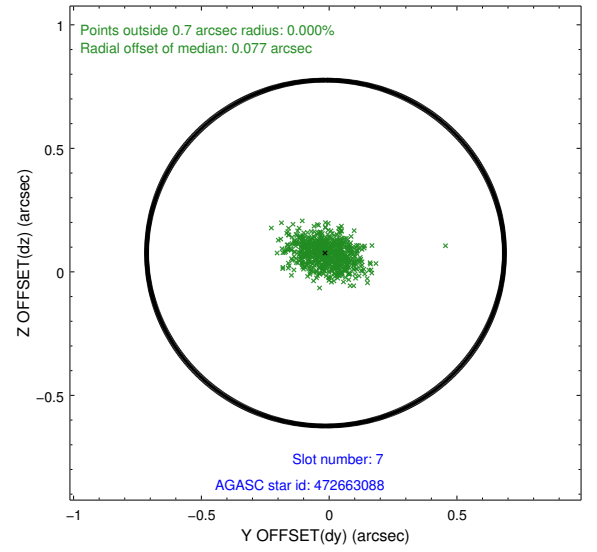
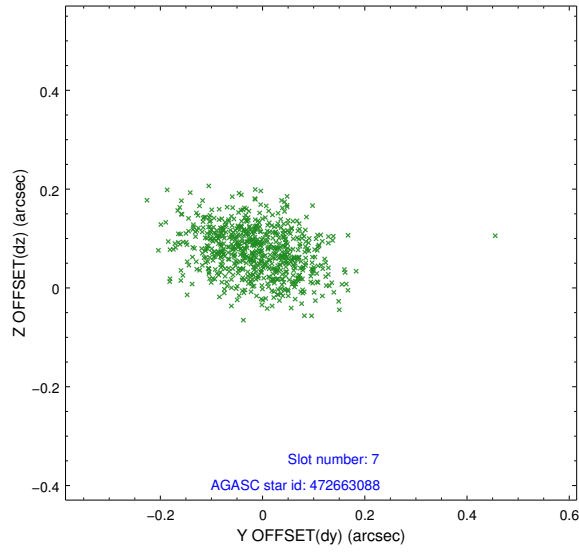
2.4.3 Slot 5



2.4.4 Slot 6

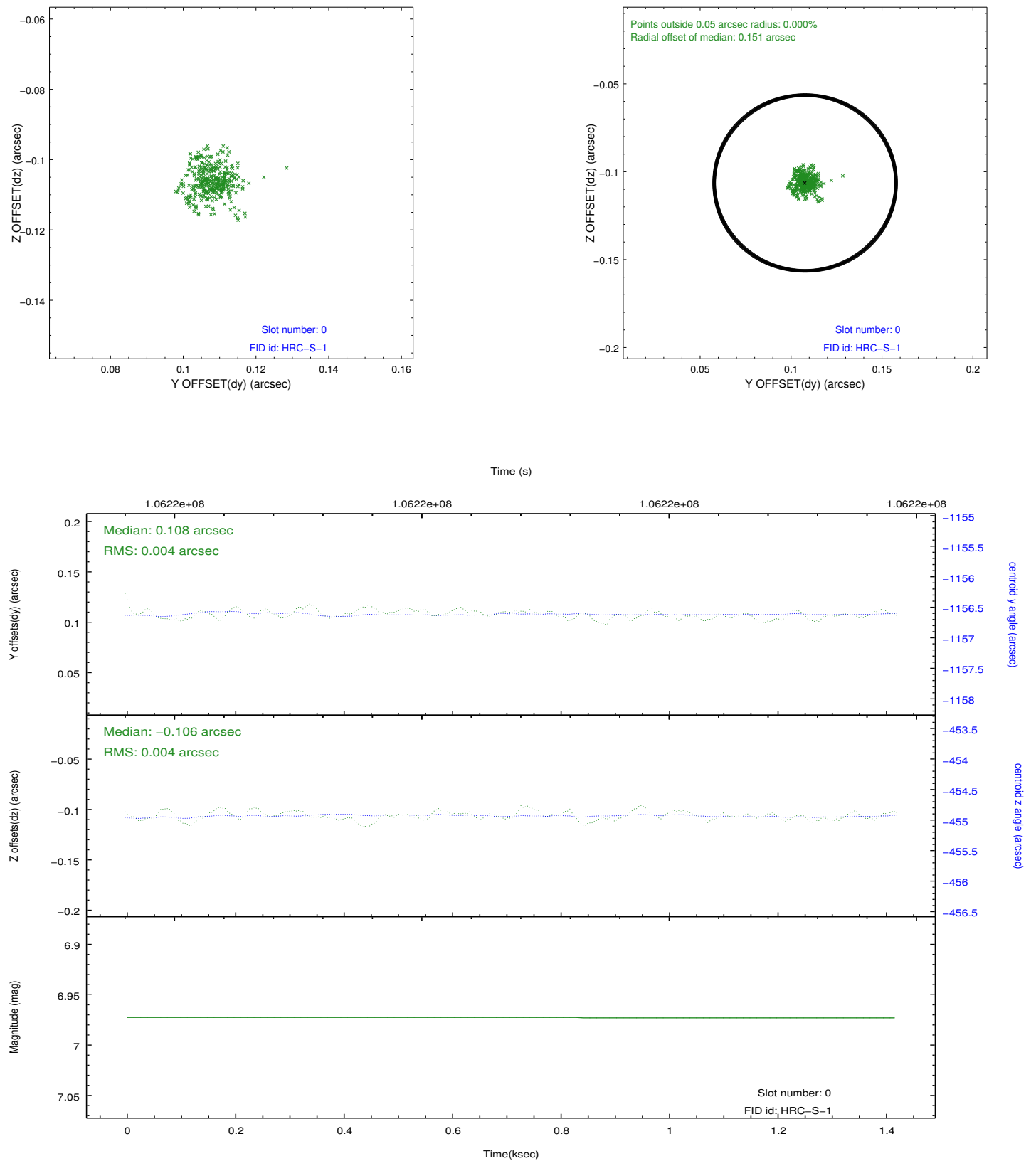


2.4.5 Slot 7

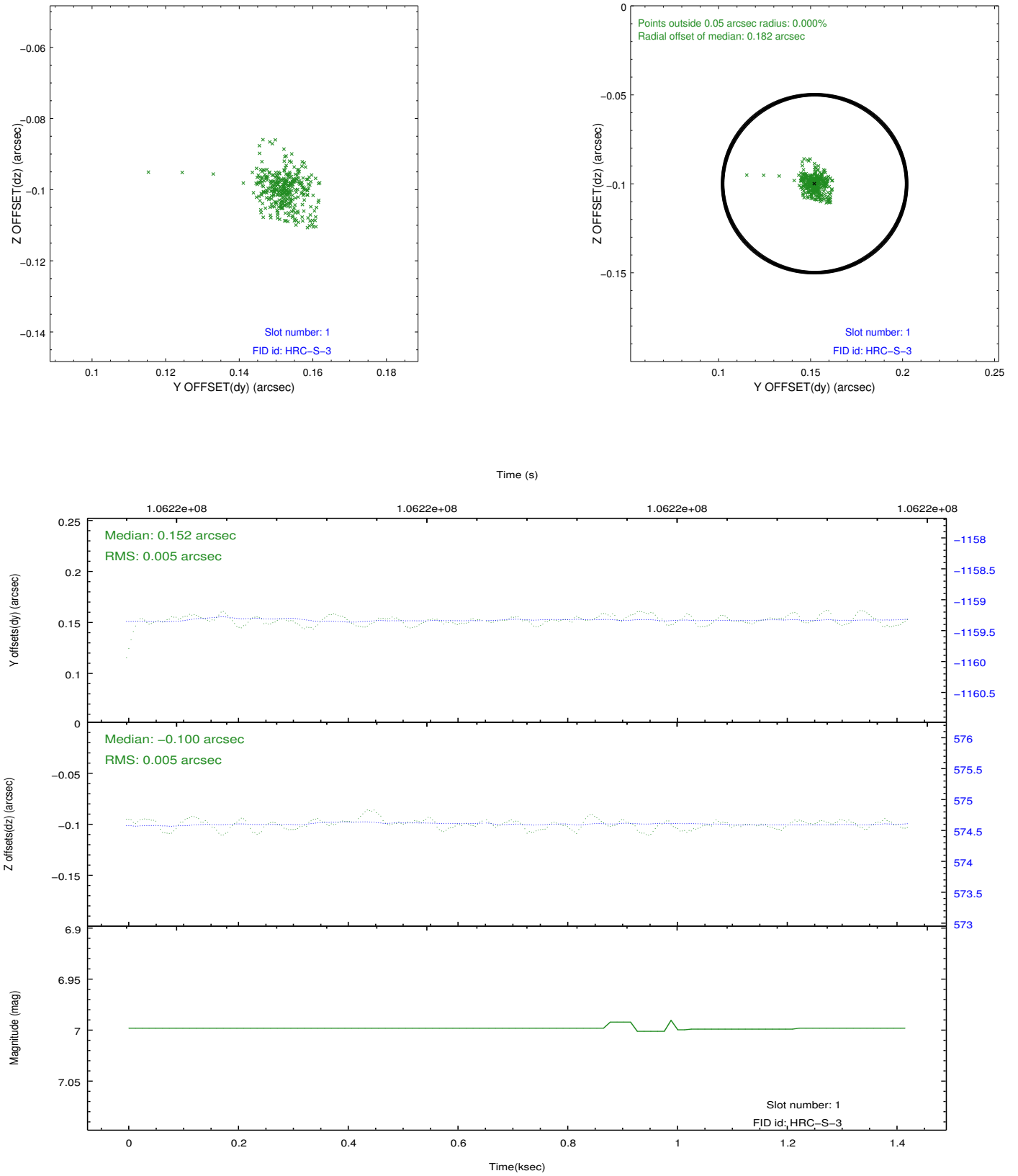


2.5 FID Slots

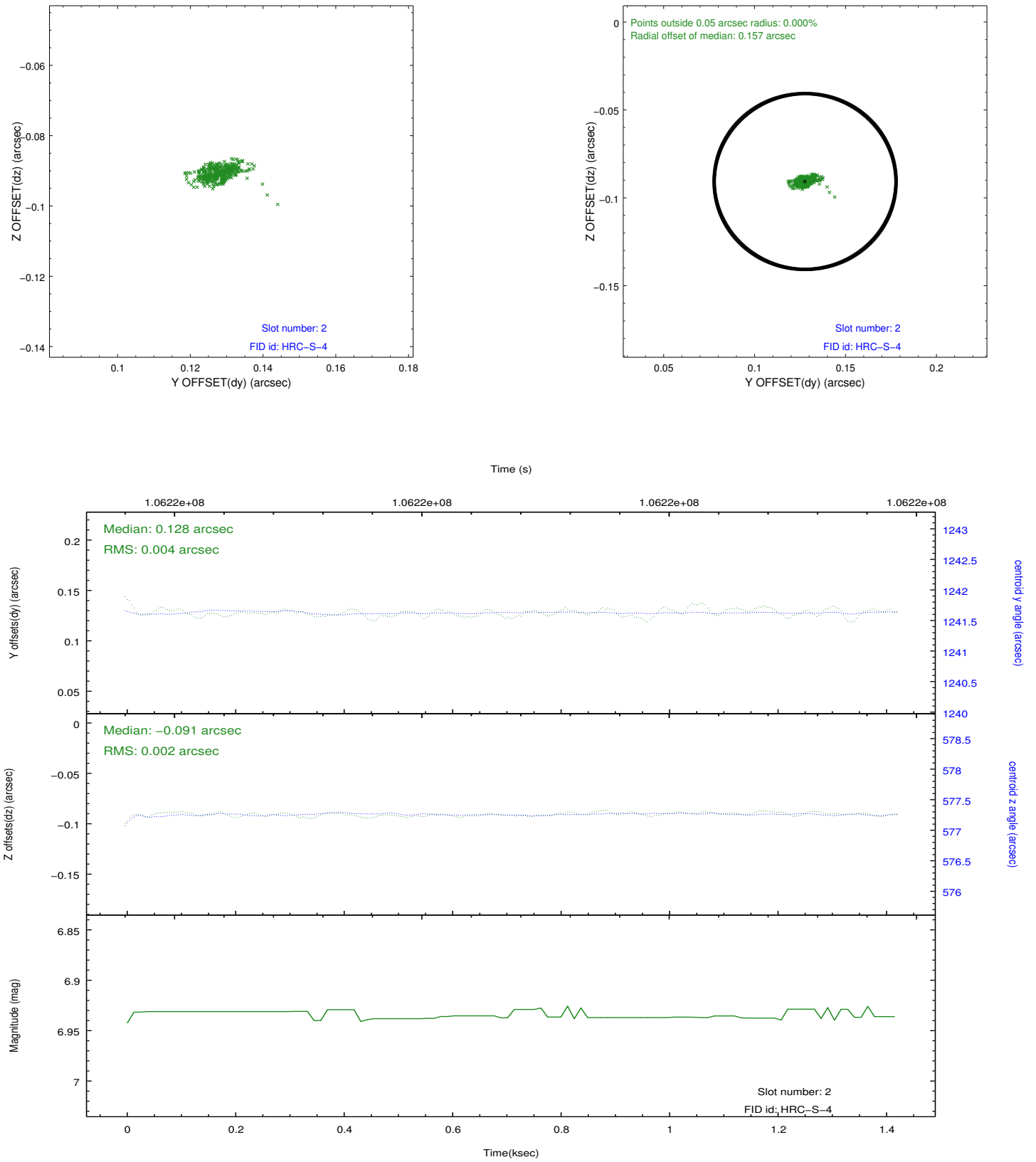
2.5.1 Slot 0



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)	2012.09.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.413

A.2 Comments

Charge time for this observation remains at previous value of 1.413 ksec.