

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2449 - L2 Version 5
Chandra X-Ray Center

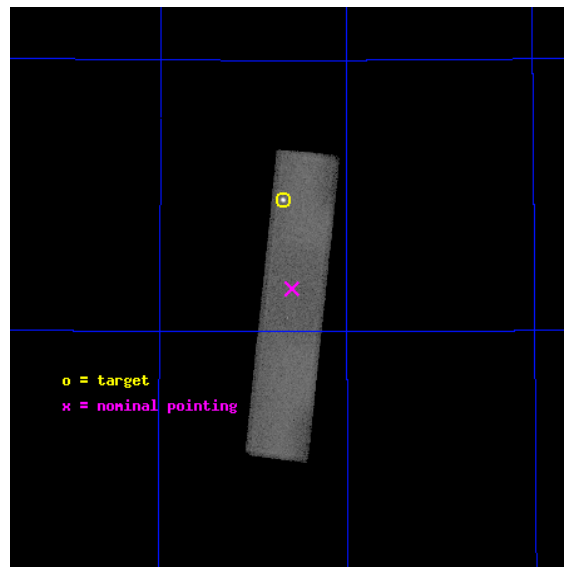
L2 Processing Date : Sep 18 2012

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1 Front

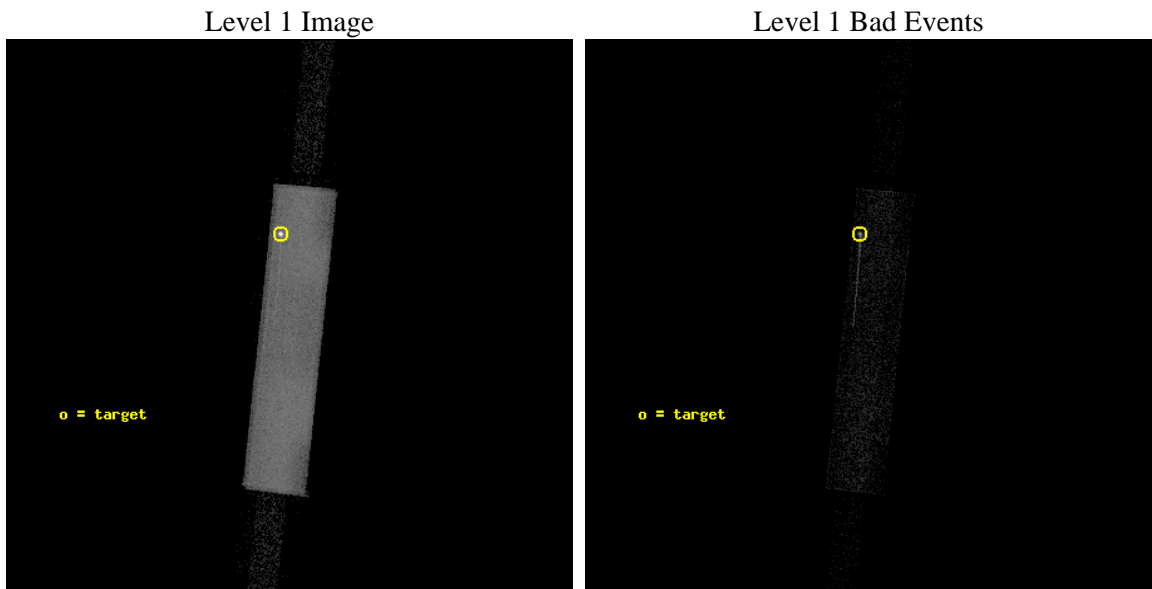
seq_num	290078	Sequence number
obs_id	2449	Observation id
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.14657095918	Nominal RA [deg]
dec_nom	45.578305469405	Nominal Dec [deg]
roll_nom	95.984505132485	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1377.8563035429	[s]
livetime	1358.6909156118	Ontime multiplied by DTCOR
l2events	146648	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	1377.8563035429	[s]
caldsver	4.5.1.1	 	l1events	209303	Number of level 1 events
date	2012-09-18T22:56:05	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

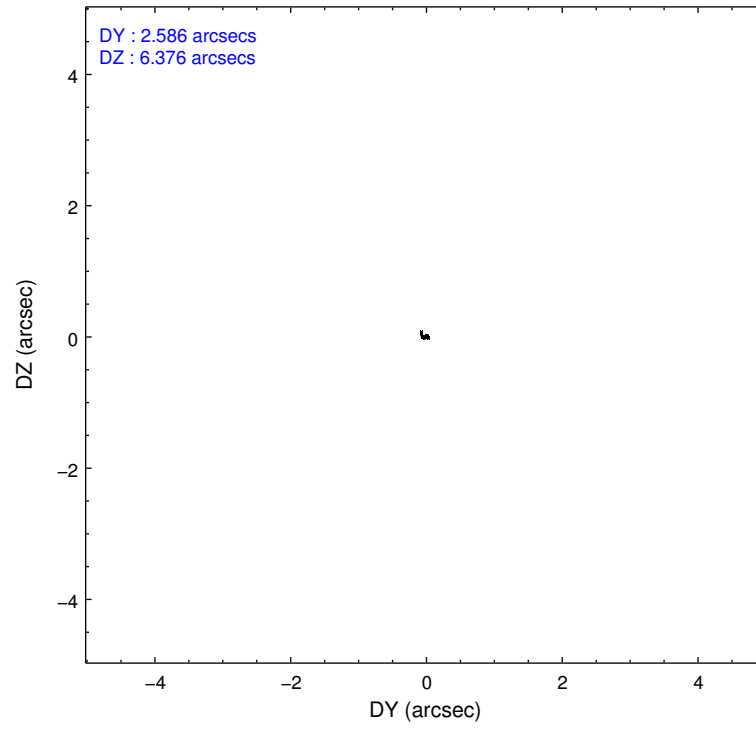
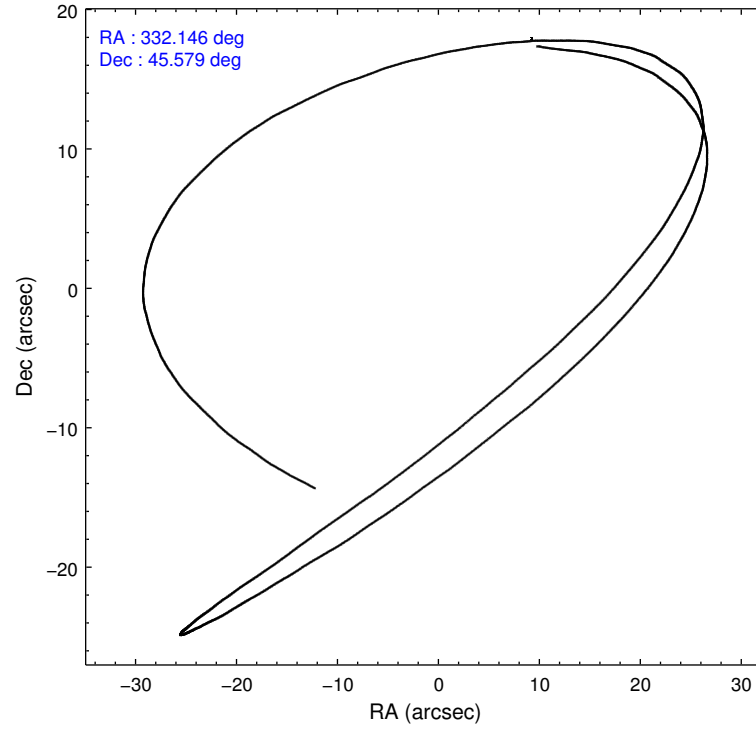
Level 1 Events

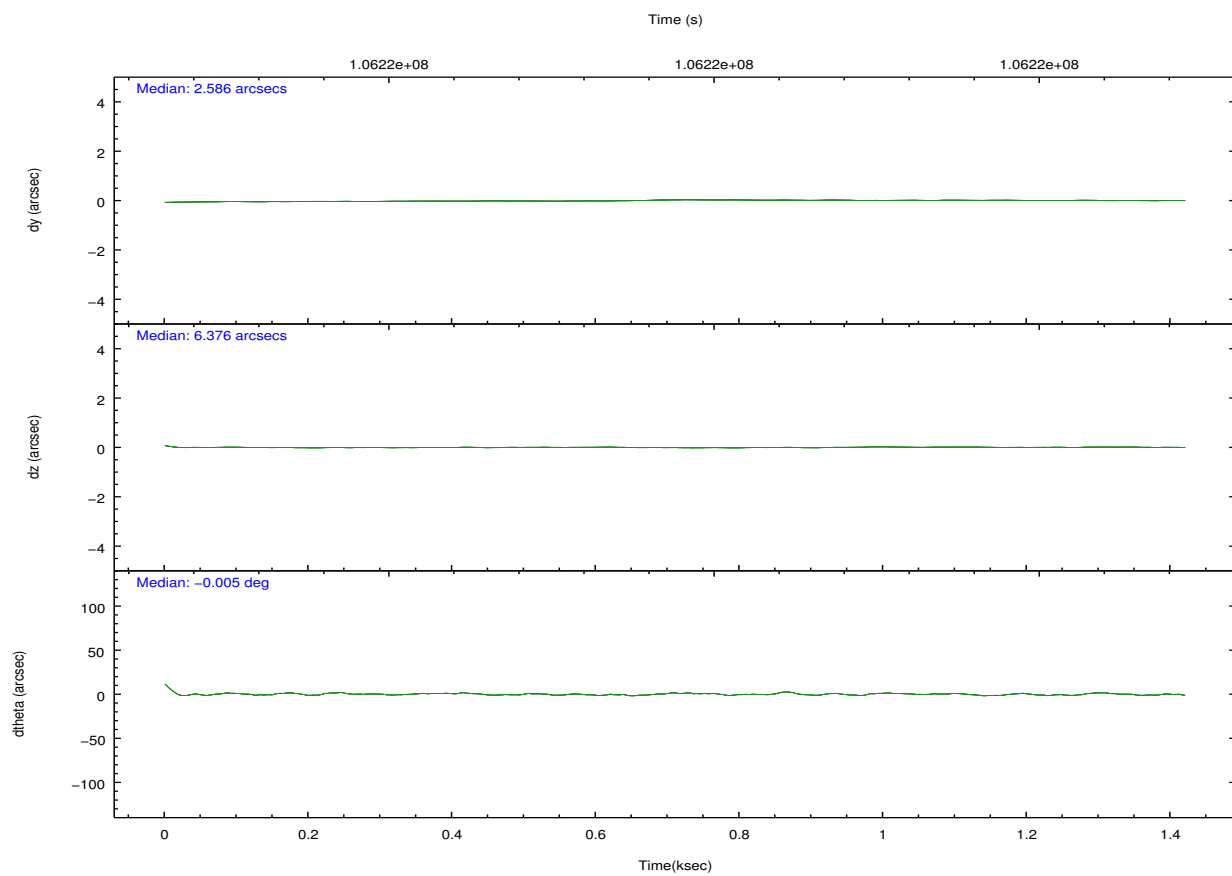
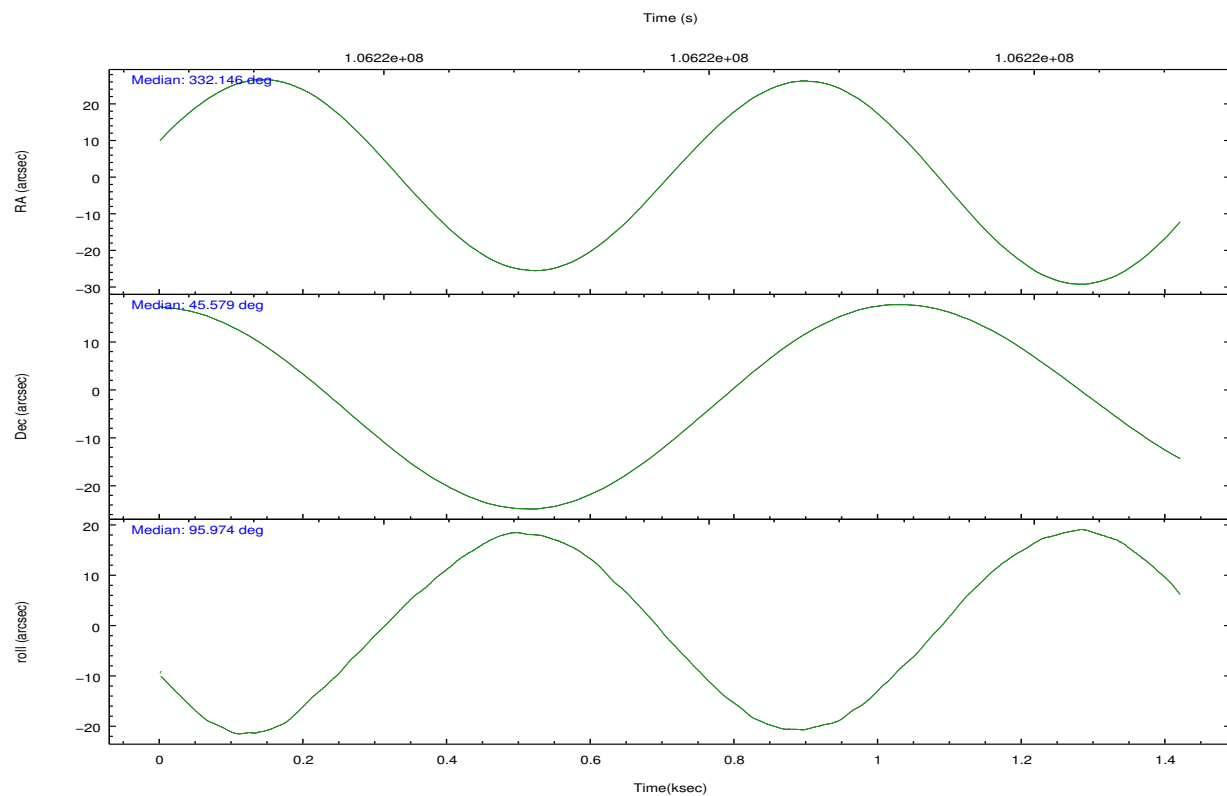
	segment 1	segment 2	segment 3
level 1 events	3439	202870	2994
rejected events	3439	42319	2994
rejected %	100%	20%	100%

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	332.172219	332.1465709591793			
[deg] Pointing Dec	45.555477	45.57830546940471			
[deg] Pointing Roll	95.898868	95.98450513248538			
[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)	106217915.184000	106217539.32134			
Observation start date	2001-05-14T08:57:31	2001-05-14T08:52:19			
[s] Observation end time (MET)	106219149.184000	106219282.8464			
Observation end date	2001-05-14T09:18:05	2001-05-14T09:21:22			

2.3 Aspect



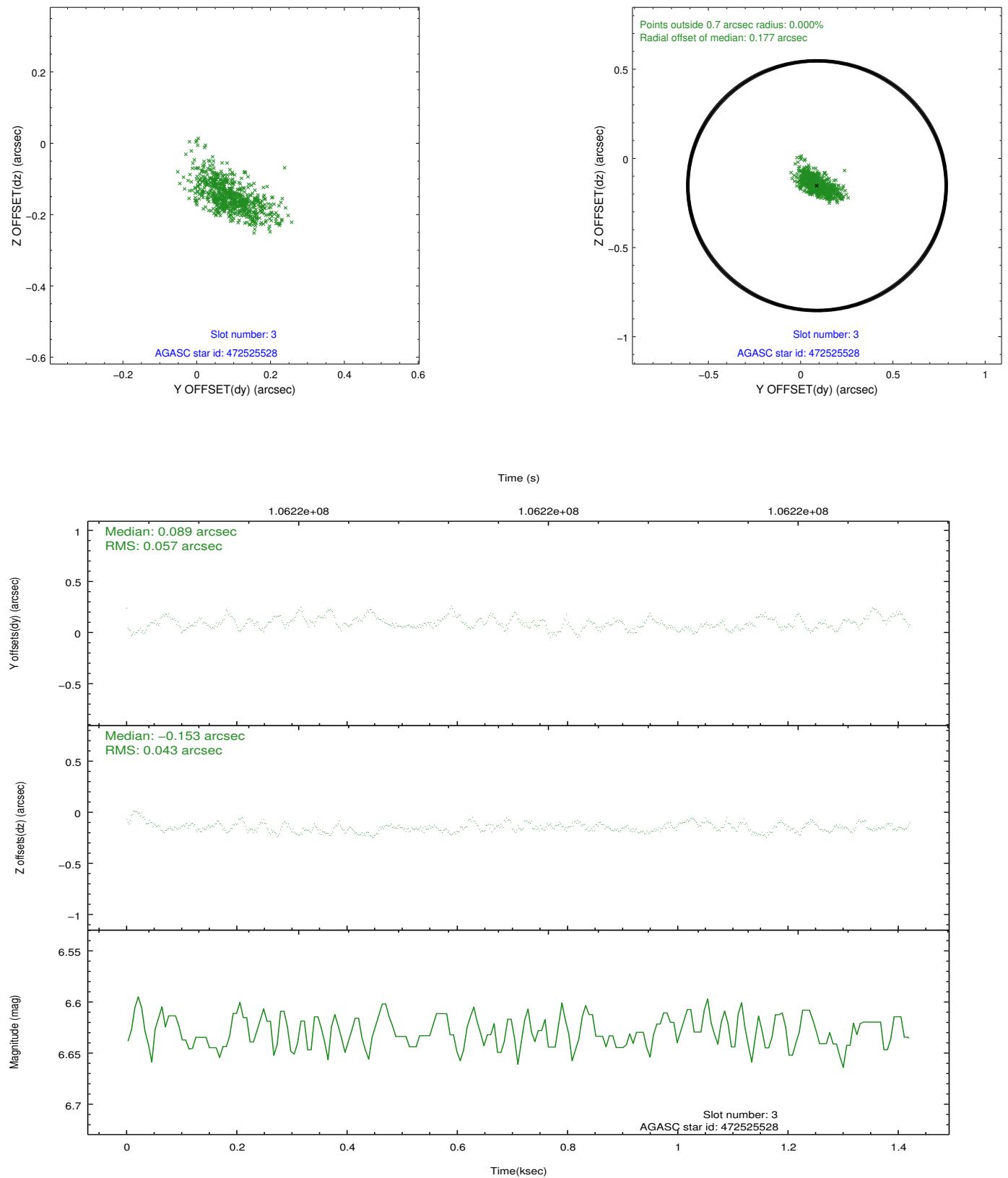


Slot Statistics

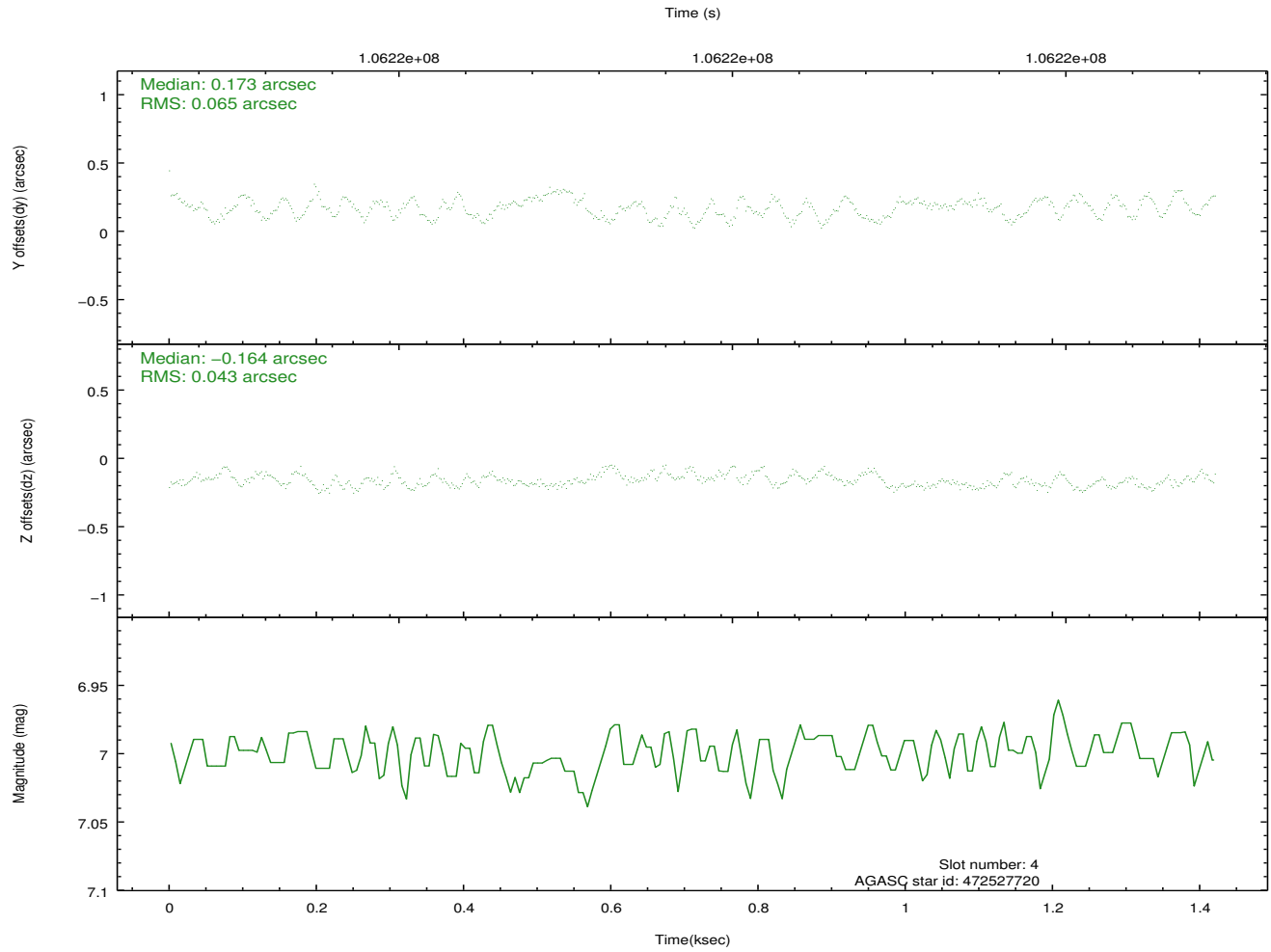
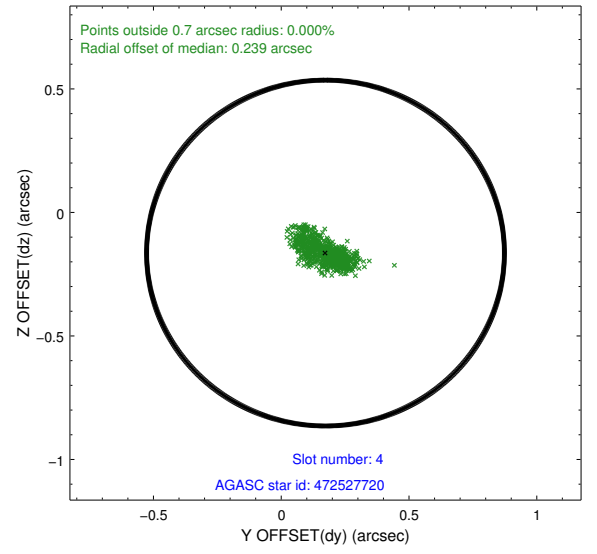
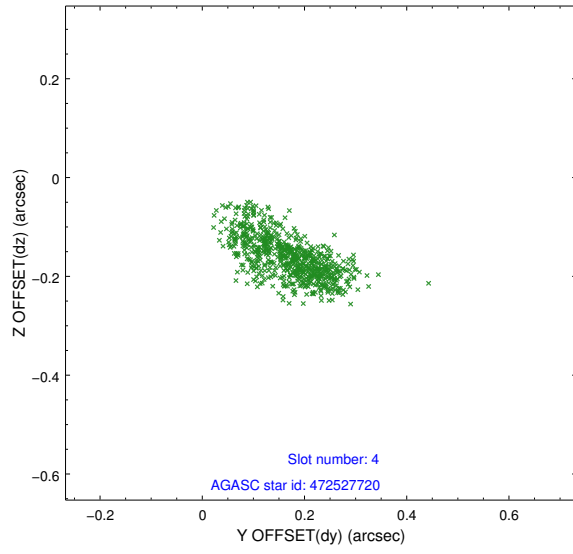
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	347	0.109	-0.109	0.007	0.011	0.000000	0.000000	-1156.61	-454.93
1	FID	HRC-S-3	7.00	347	0.151	-0.097	0.008	0.014	0.000000	0.000000	-1162.66	573.30
2	FID	HRC-S-4	6.94	347	0.127	-0.091	0.005	0.008	0.000000	0.000000	1238.28	578.91
3	GUIDE	472525528	6.63	694	0.089	-0.153	0.074	0.135	331.551102	45.248694	-932.62	1677.54
4	GUIDE	472527720	7.00	694	0.173	-0.164	0.084	0.130	331.460205	45.112509	-1395.60	1963.52
5	GUIDE	472523760	8.24	694	0.004	0.013	0.059	0.096	331.645363	45.403260	-407.80	1382.36
6	GUIDE	472665256	9.02	694	-0.140	0.175	0.082	0.137	332.808125	46.195041	2131.68	-1811.94
7	GUIDE	472659832	9.47	693	-0.110	0.117	0.097	0.165	332.780399	46.098139	1794.63	-1714.65

2.4 Star Slots

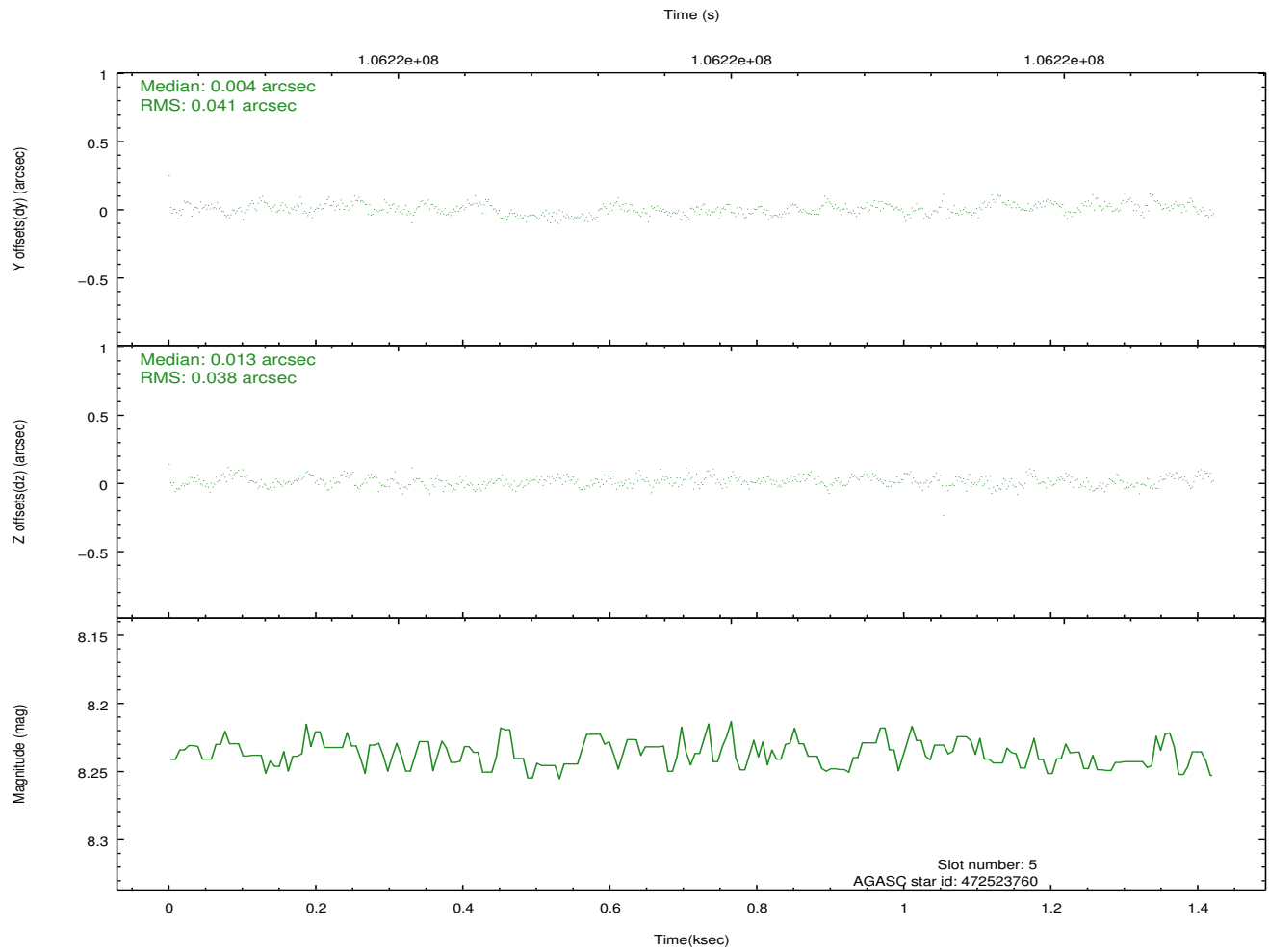
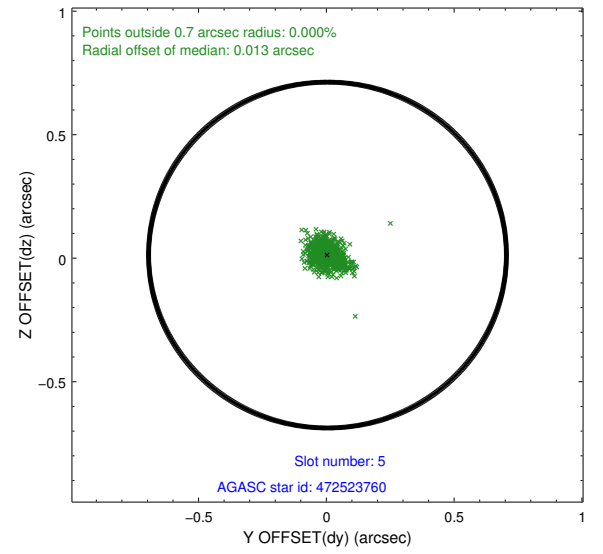
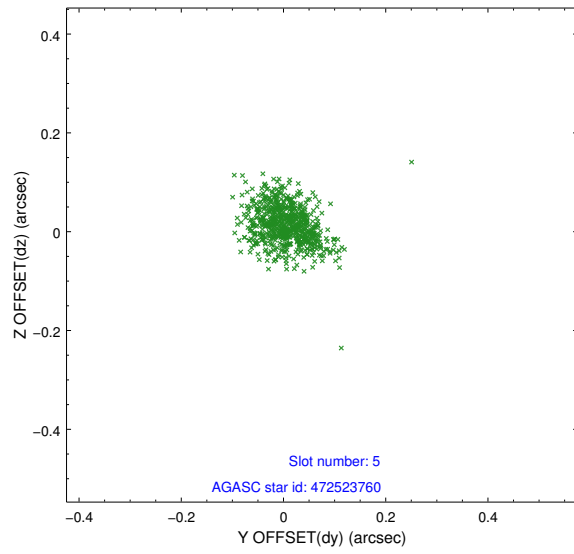
2.4.1 Slot 3



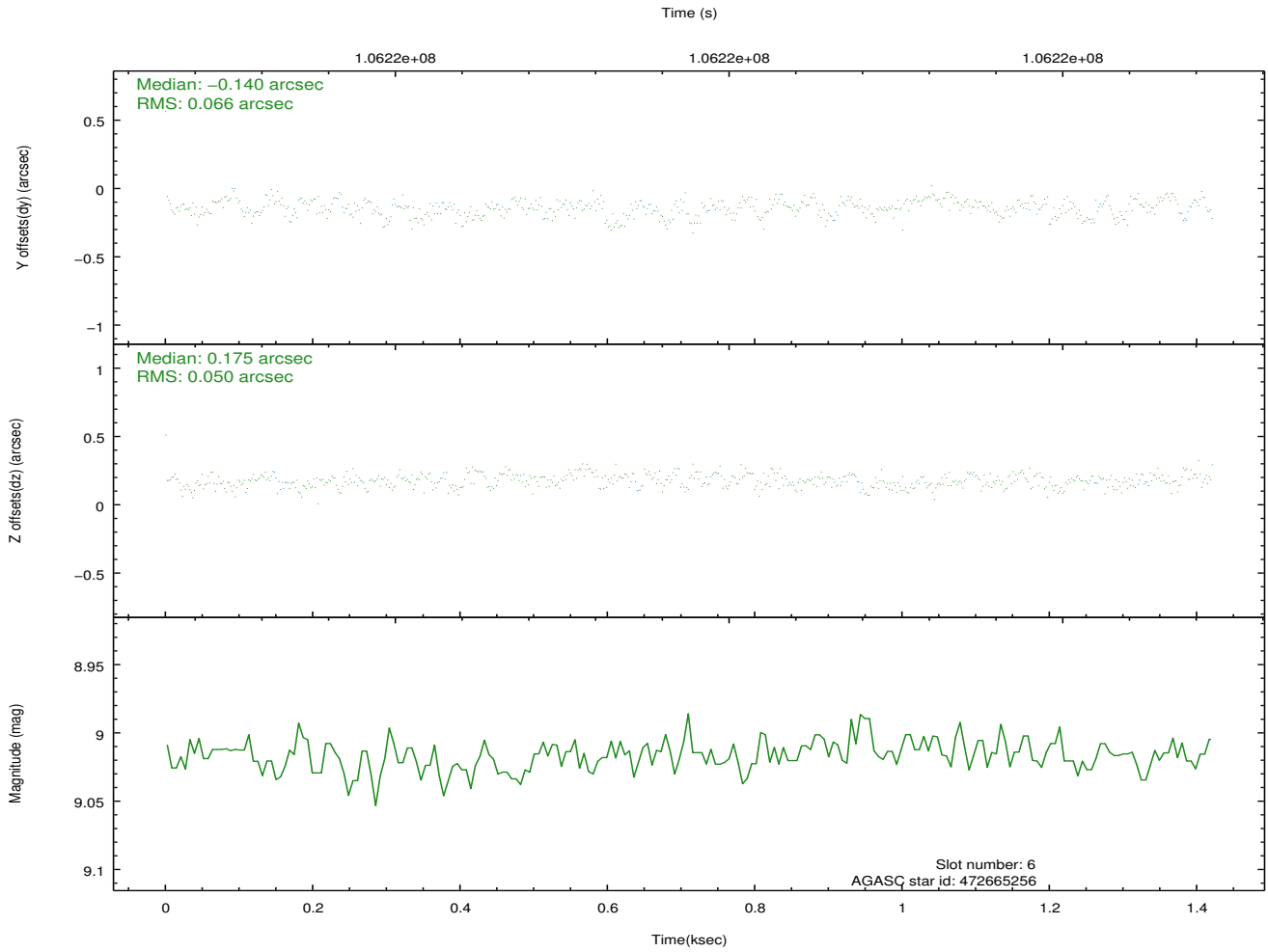
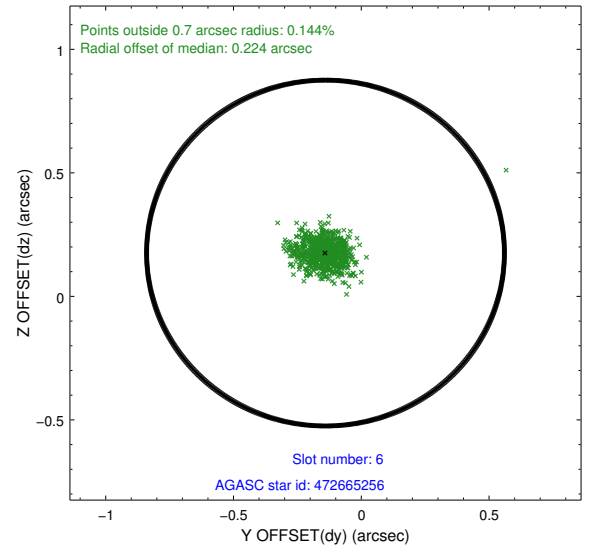
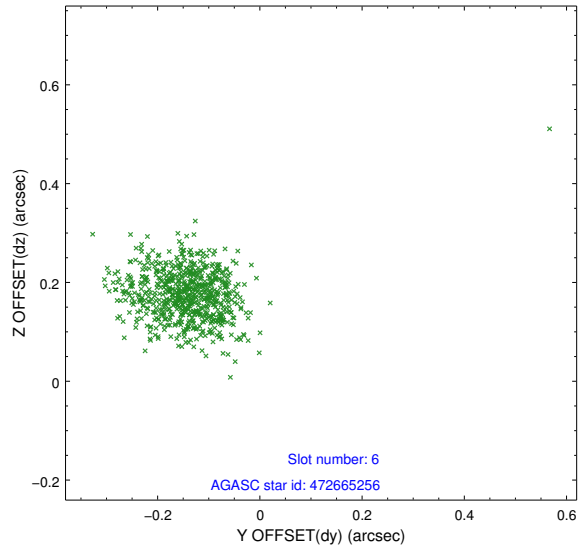
2.4.2 Slot 4



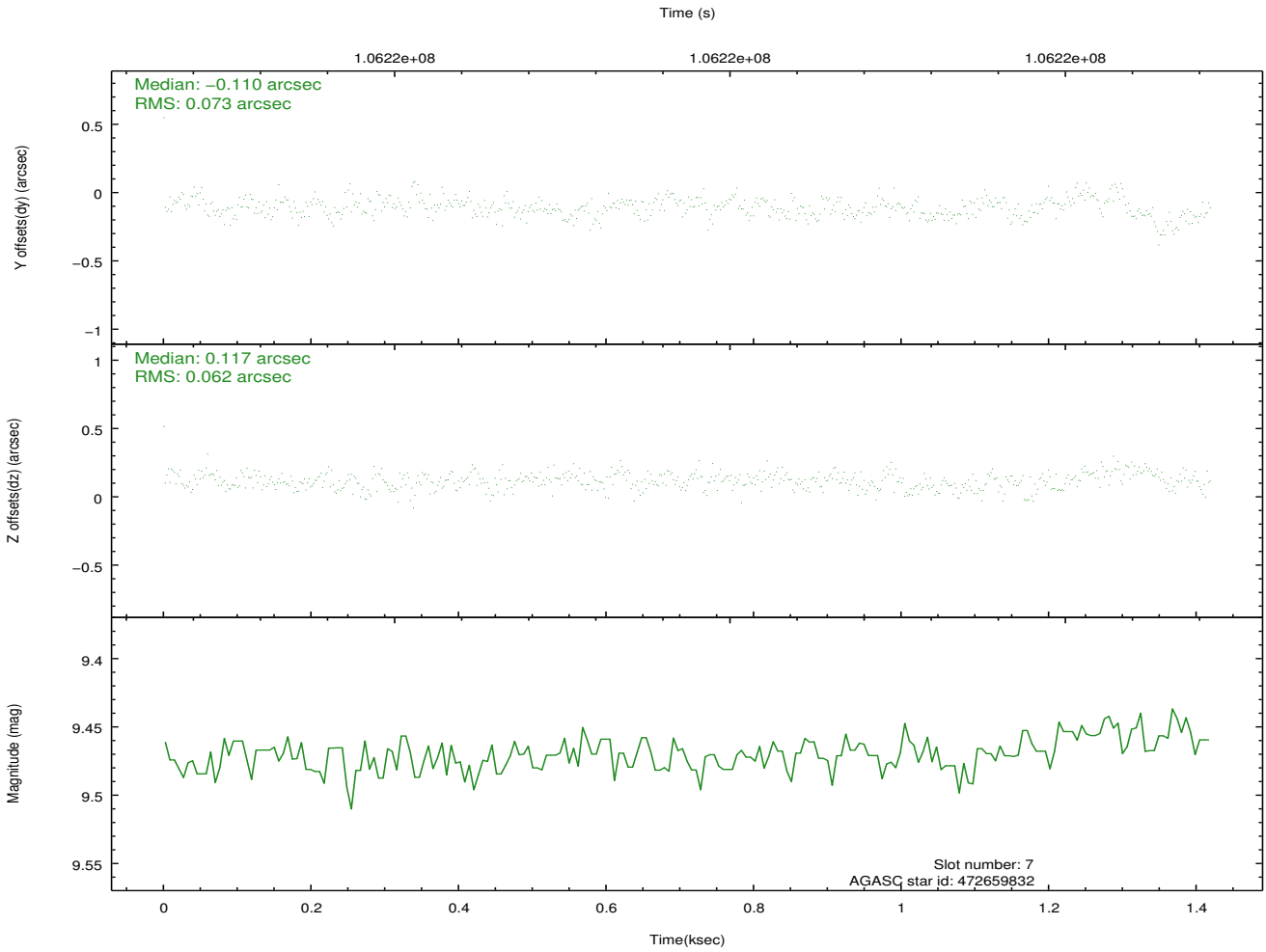
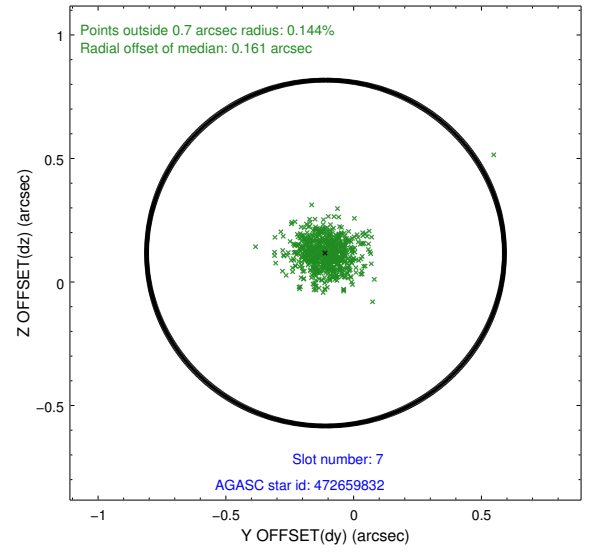
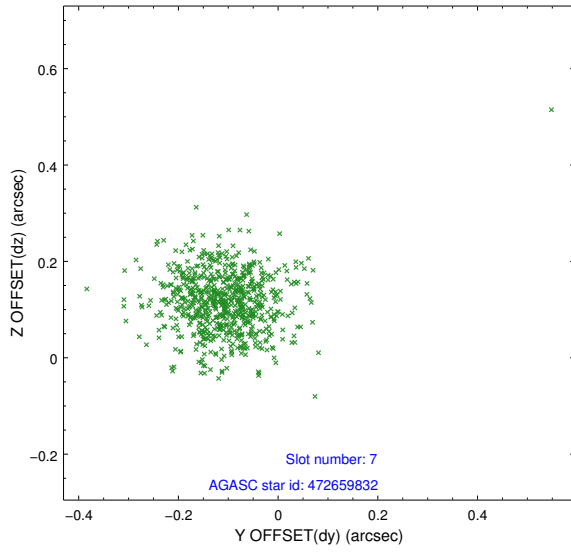
2.4.3 Slot 5



2.4.4 Slot 6

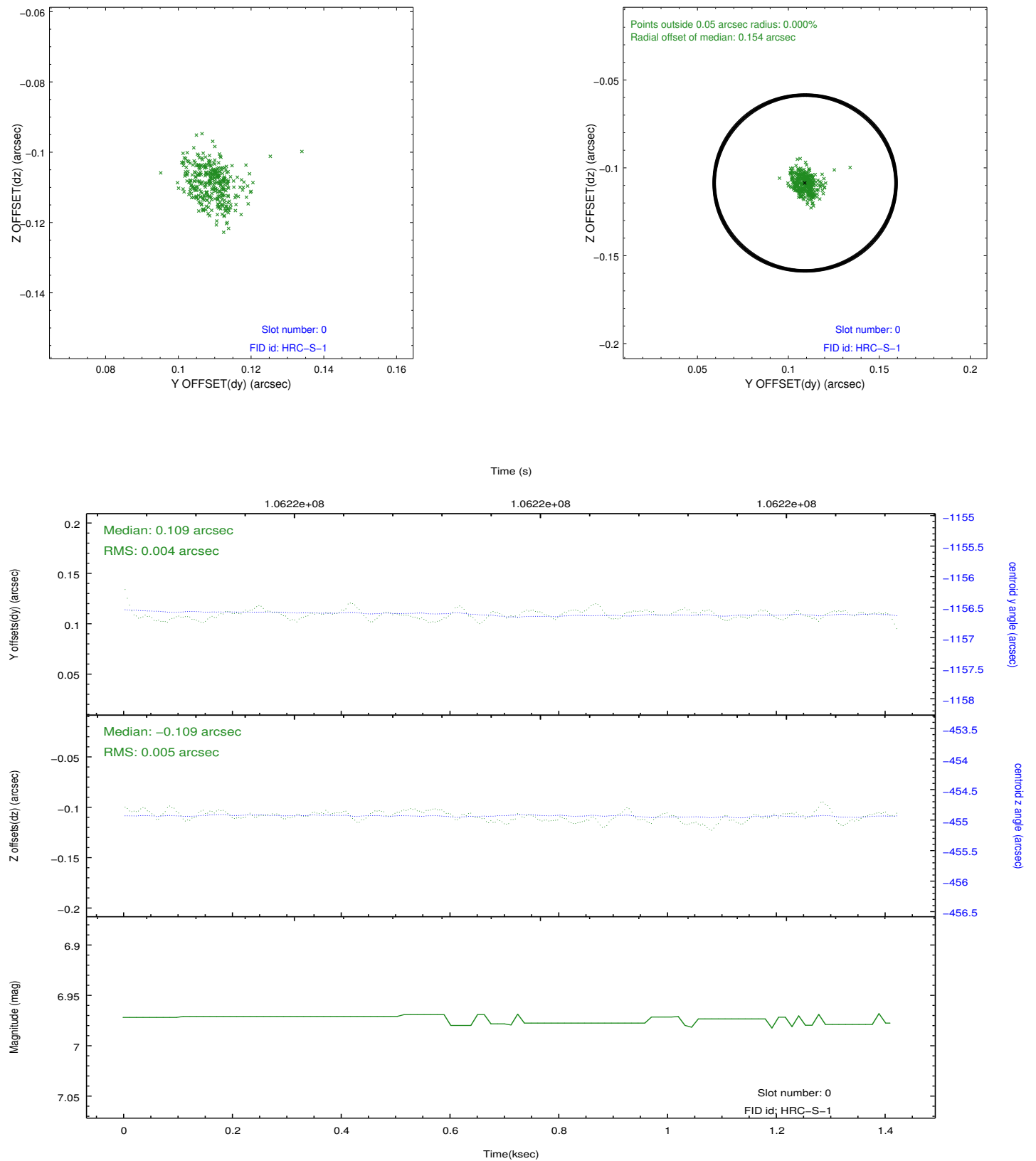


2.4.5 Slot 7

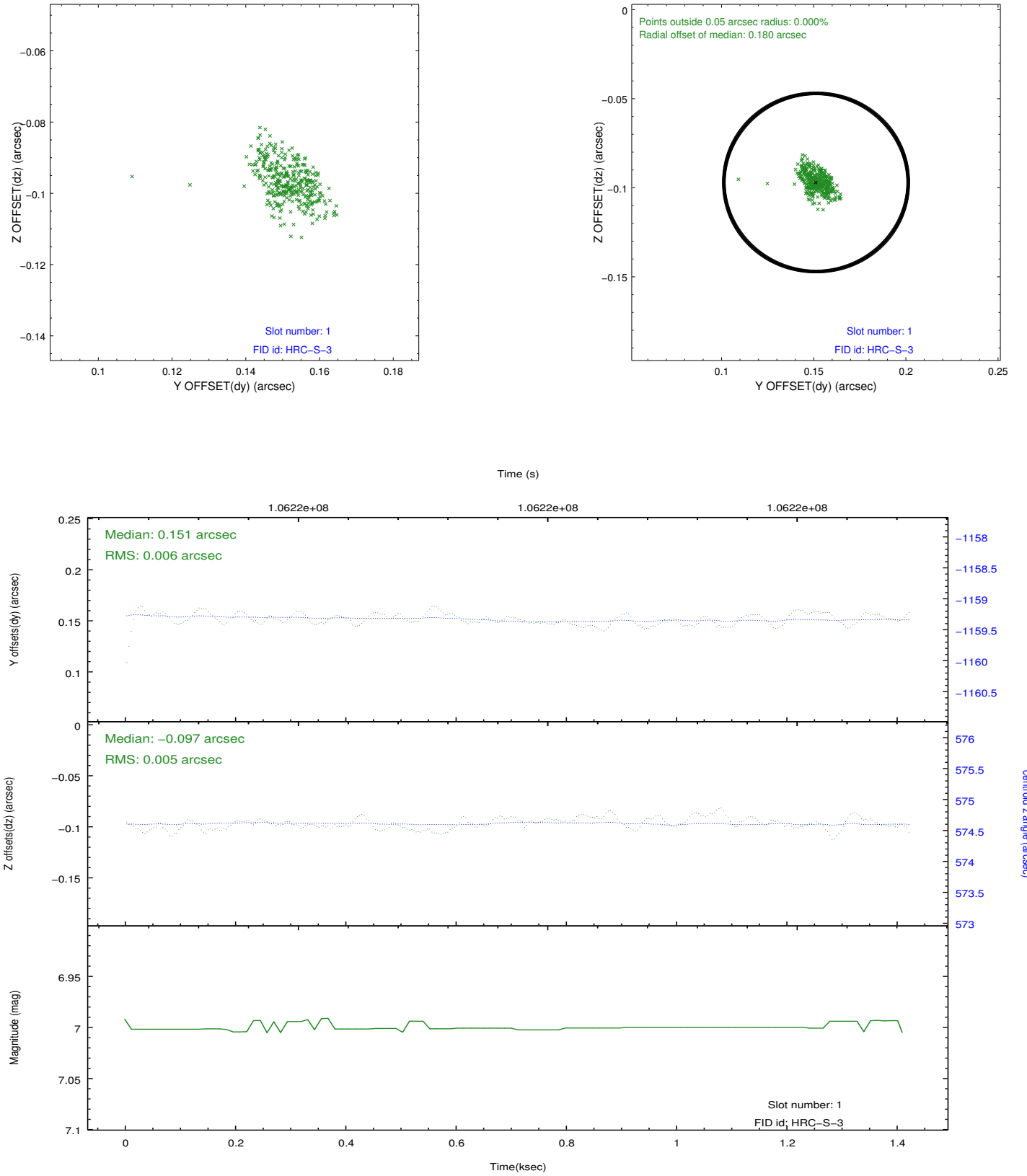


2.5 FID Slots

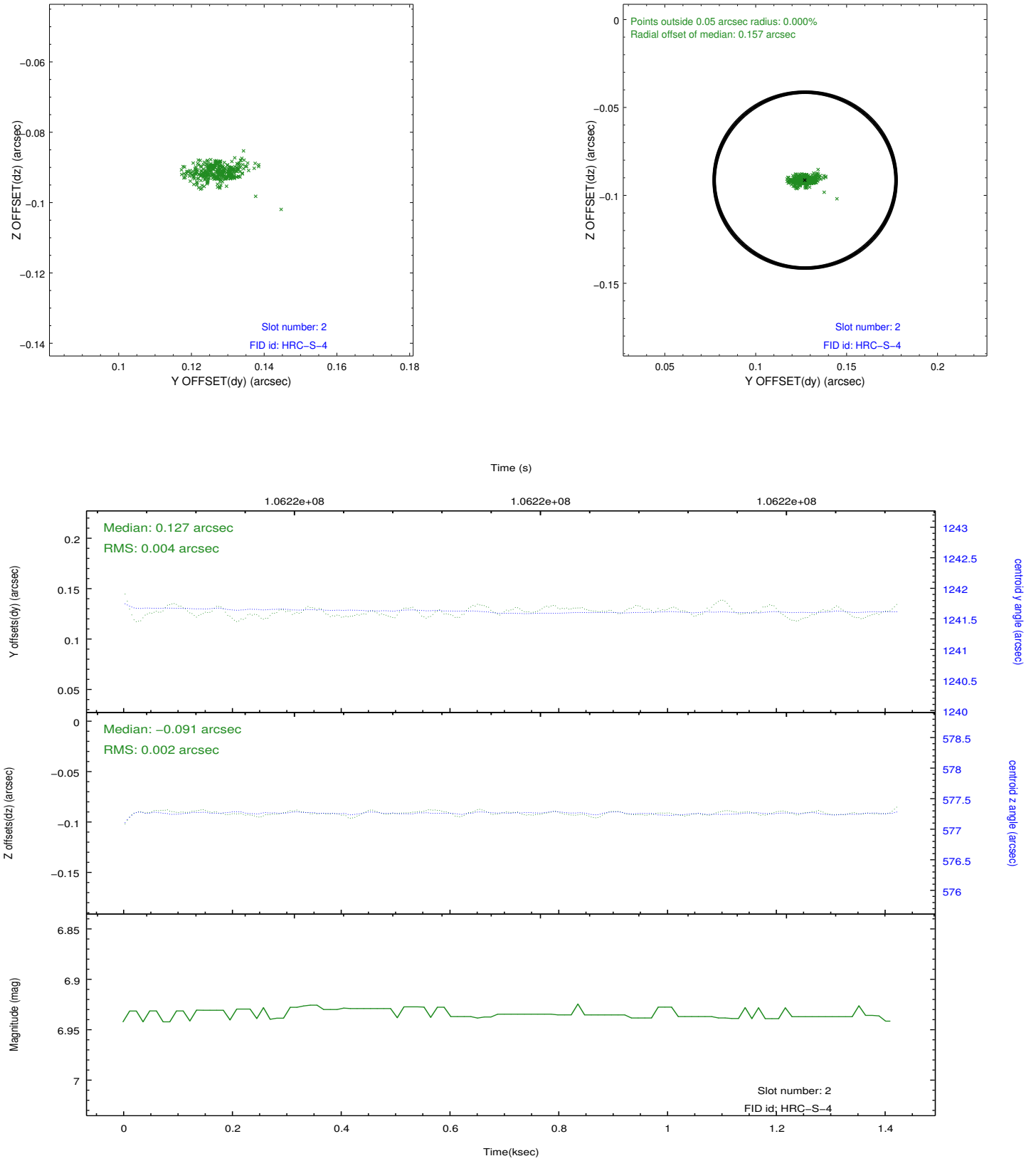
2.5.1 Slot 0



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	1.411

A.2 Comments

Charge time for this observation remains at previous value of 1.411 ksec.