

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2442 - L2 Version 5
Chandra X-Ray Center

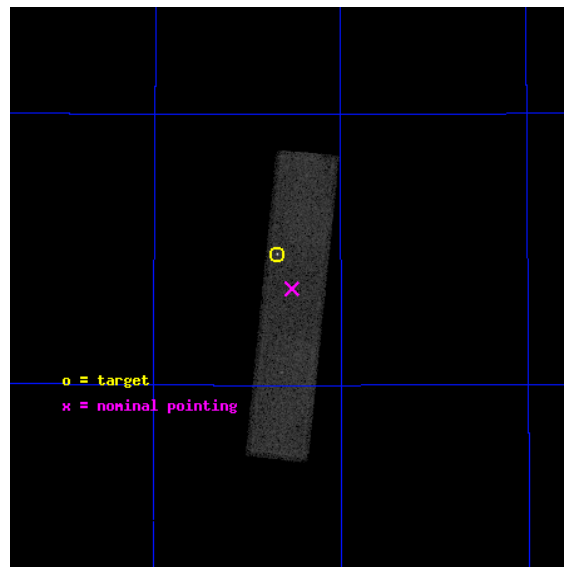
L2 Processing Date : Sep 18 2012

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1 Front

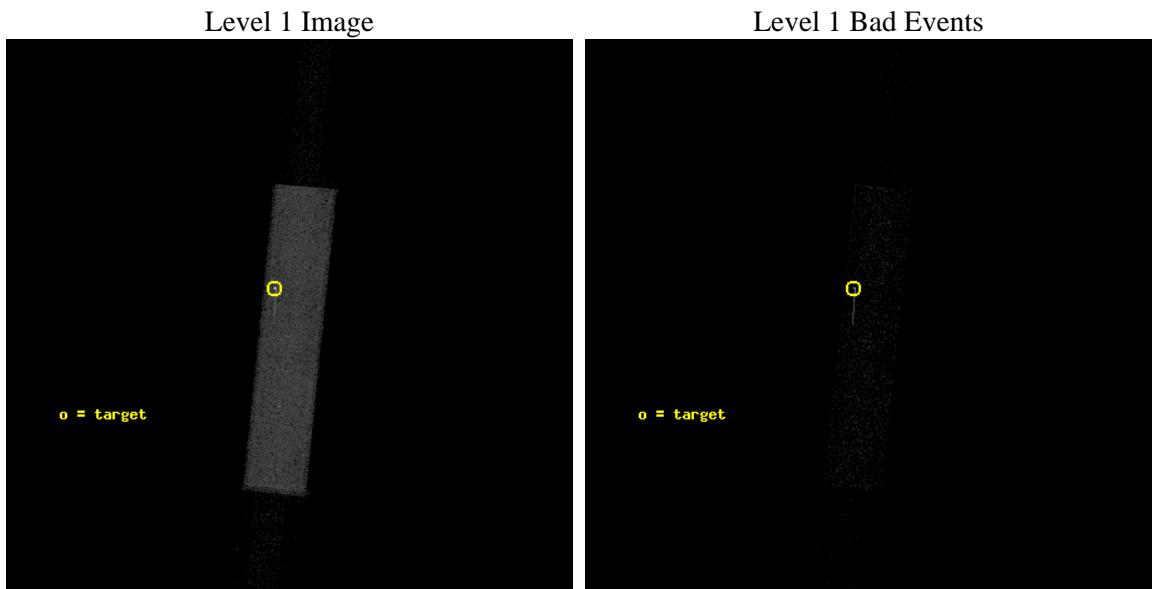
seq_num	290078	Sequence number
obs_id	2442	Observation id
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.1310604254	Nominal RA [deg]
dec_nom	45.678448519756	Nominal Dec [deg]
roll_nom	95.833096964465	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1376.8313035071	[s]
livetime	1367.6764236031	Ontime multiplied by DTCOR
l2events	64767	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	1376.8313035071	[s]
caldbver	4.5.1.1	 	l1events	102643	Number of level 1 events
date	2012-09-18T22:54:30	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

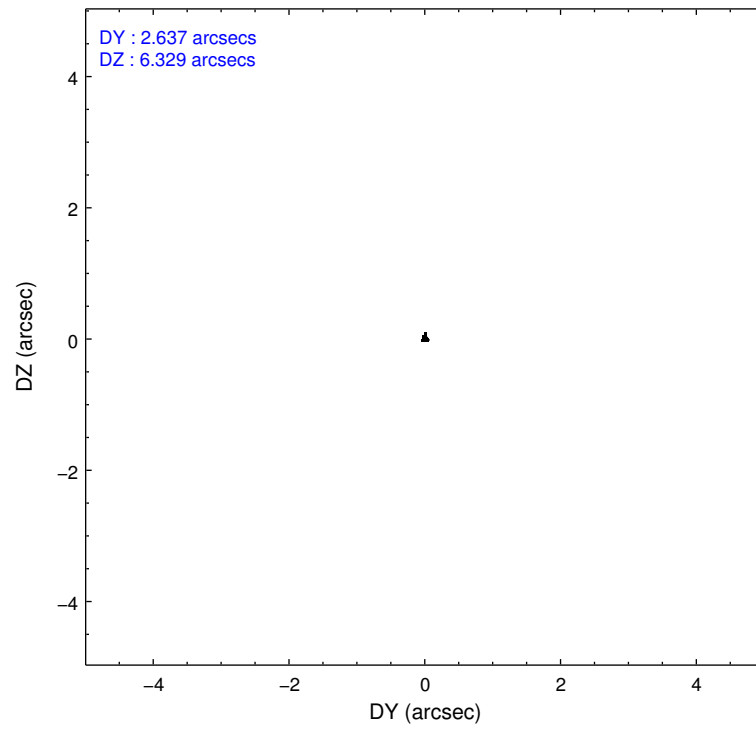
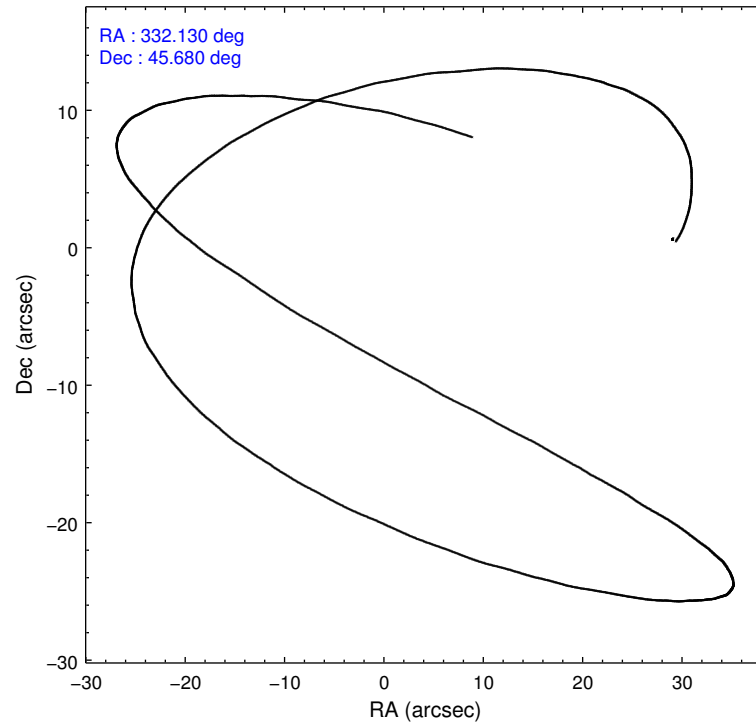
Level 1 Events

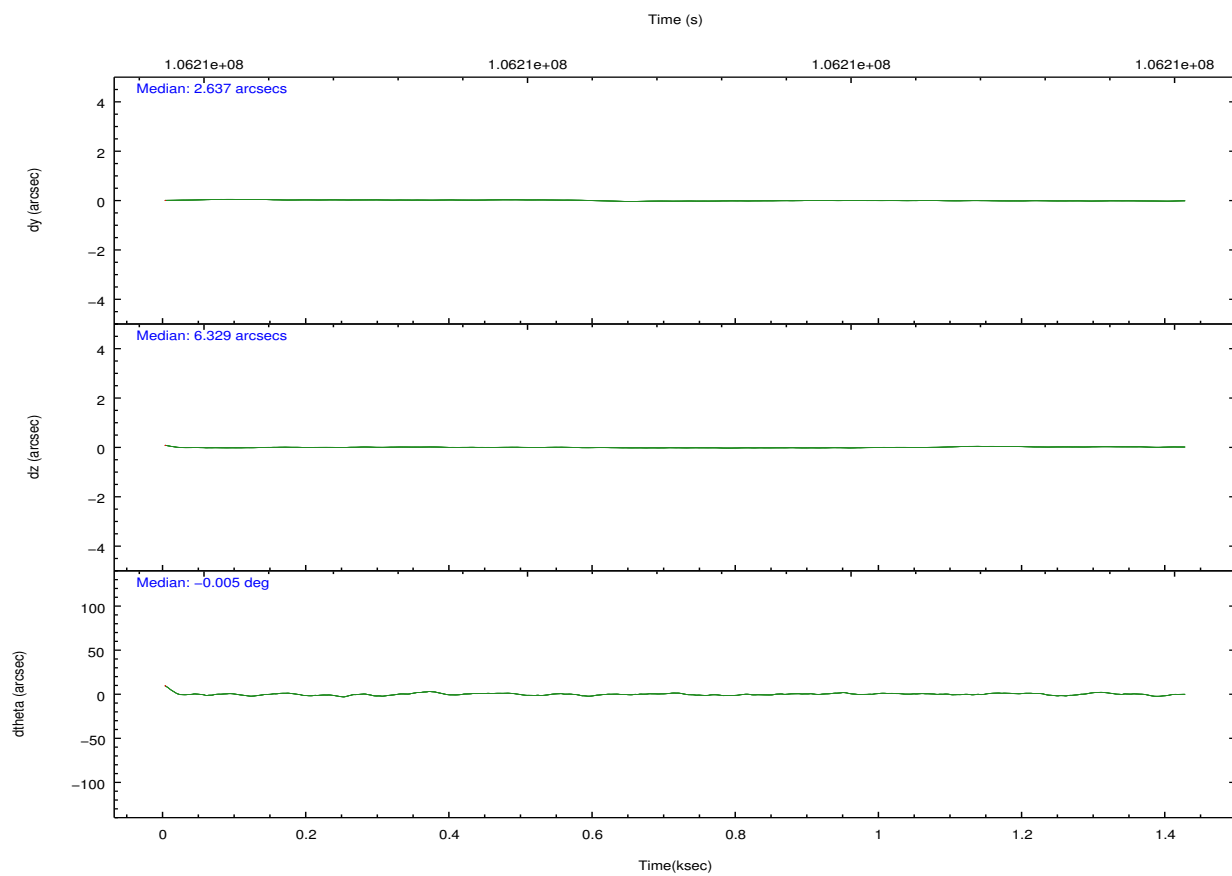
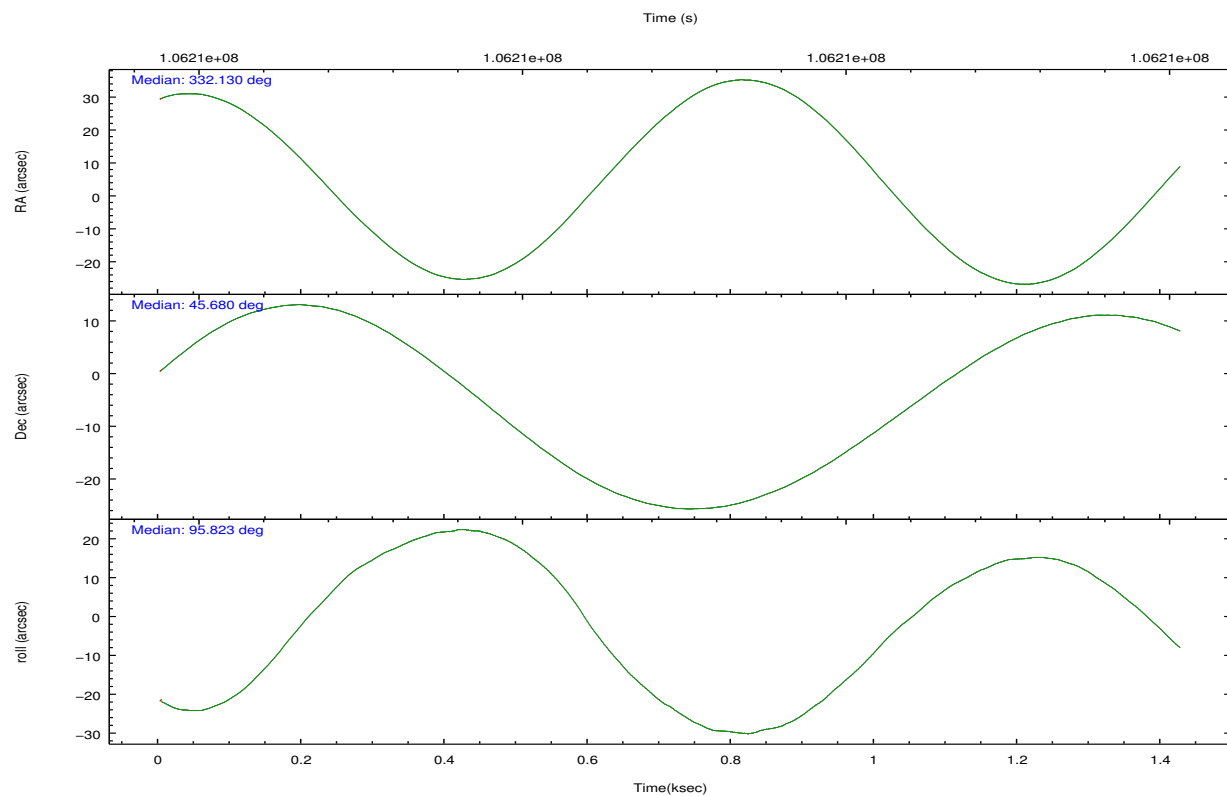
	segment 1	segment 2	segment 3
level 1 events	1328	100100	1215
rejected events	1328	23328	1215
rejected %	100%	23%	100%

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	332.157154	332.131060425404			
[deg] Pointing Dec	45.654969	45.67844851975605			
[deg] Pointing Roll	95.747142	95.83309696446481			
[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)	106205707.184000	106205330.54586			
Observation start date	2001-05-14T05:34:03	2001-05-14T05:28:50			
[s] Observation end time (MET)	106206941.184000	106207075.09593			
Observation end date	2001-05-14T05:54:37	2001-05-14T05:57:55			

2.3 Aspect



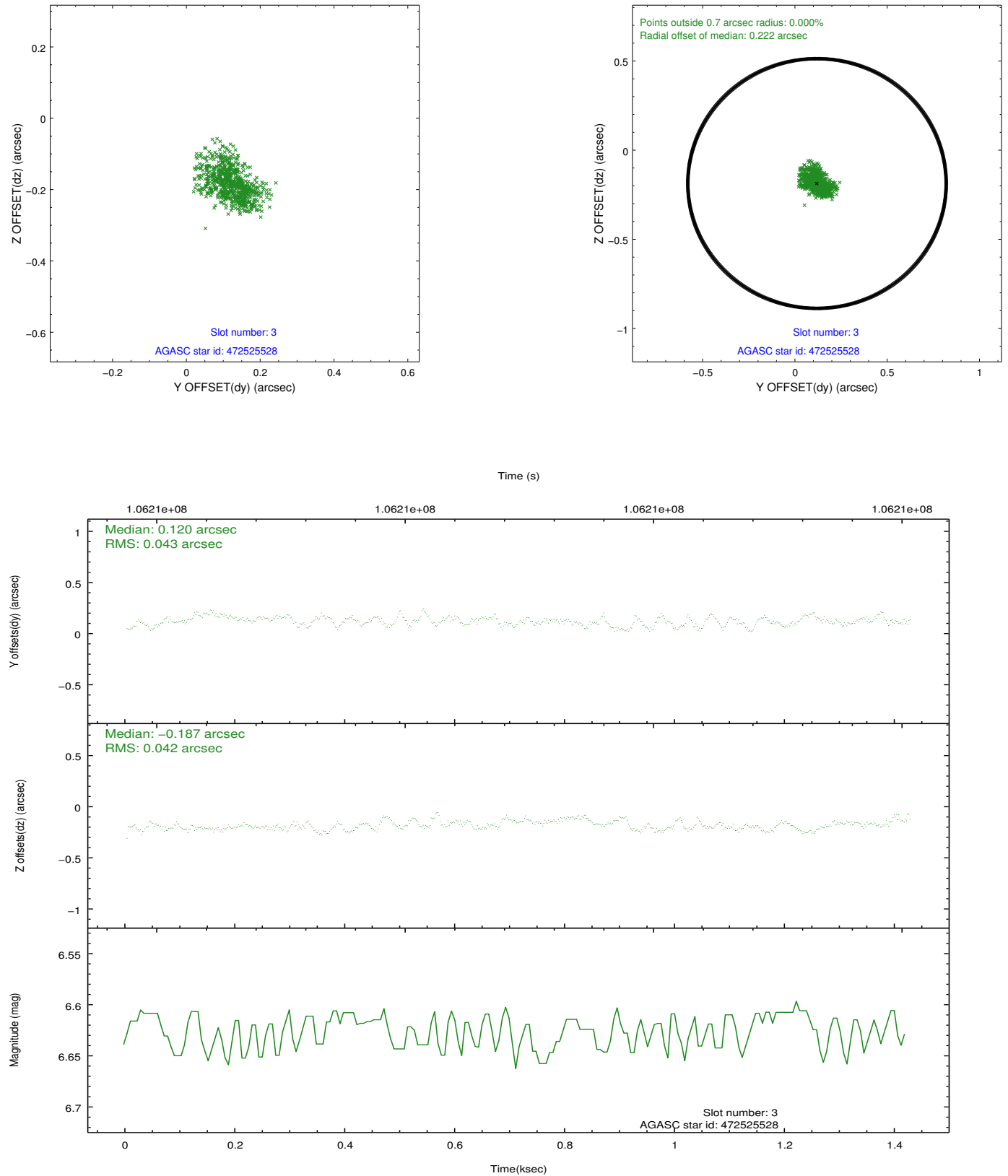


Slot Statistics

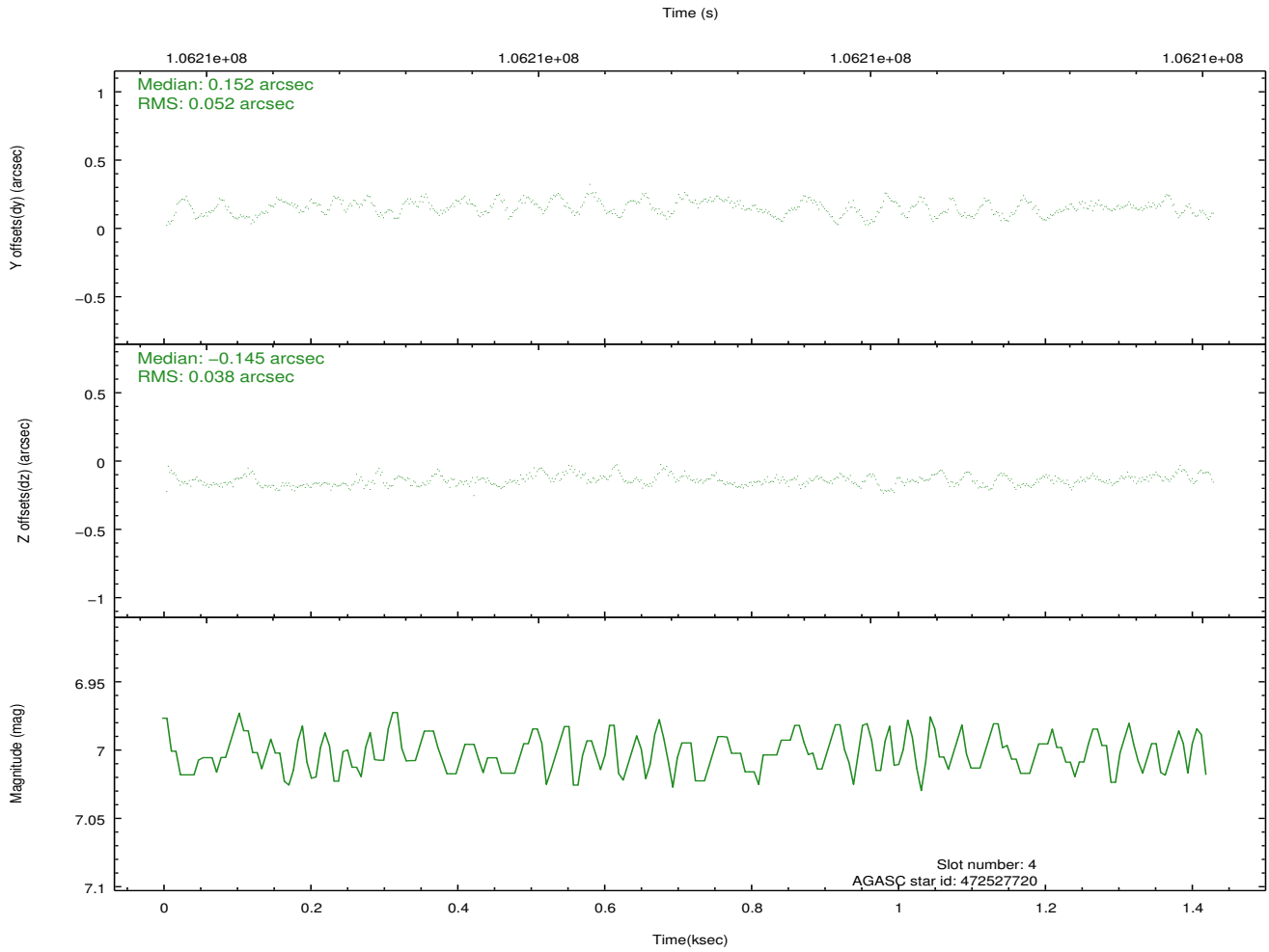
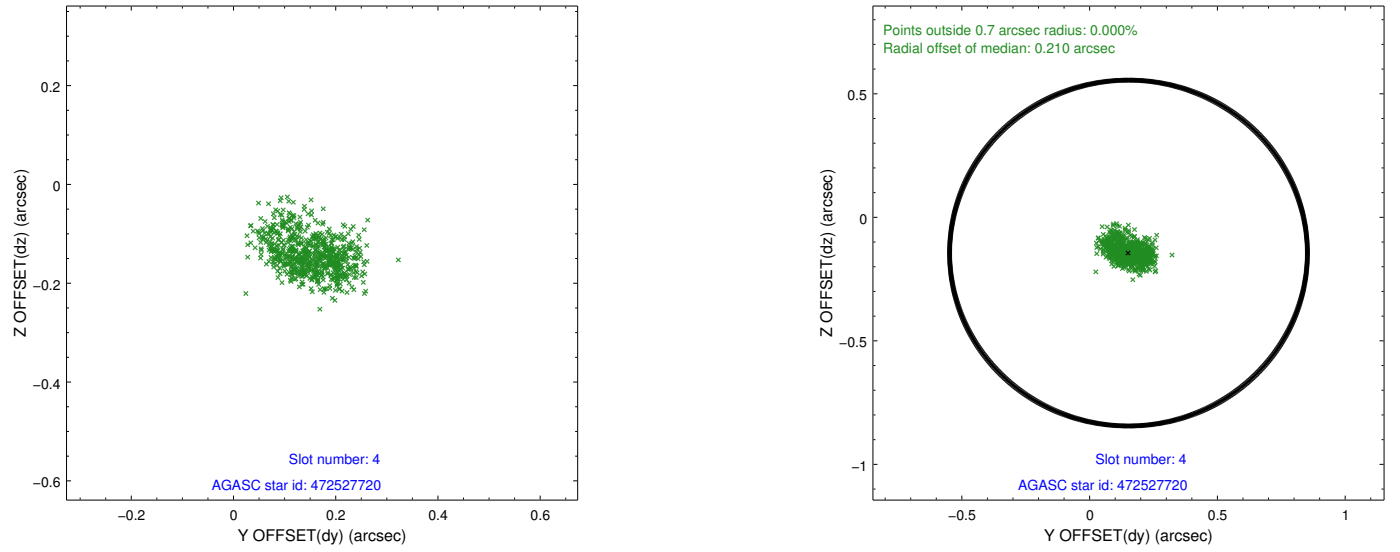
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	348	0.109	-0.110	0.007	0.012	0.000000	0.000000	-1156.68	-454.89
1	FID	HRC-S-3	7.00	348	0.150	-0.095	0.008	0.013	0.000000	0.000000	-1162.72	573.35
2	FID	HRC-S-4	6.93	348	0.129	-0.091	0.004	0.009	0.000000	0.000000	1238.22	578.95
3	GUIDE	472525528	6.63	696	0.120	-0.187	0.065	0.104	331.551102	45.248694	-1300.00	1672.21
4	GUIDE	472527720	7.00	696	0.152	-0.145	0.070	0.110	331.460205	45.112509	-1764.35	1956.94
5	GUIDE	472523760	8.23	696	0.001	0.005	0.063	0.111	331.645363	45.403260	-774.88	1378.54
6	GUIDE	472665256	9.01	696	-0.180	0.219	0.072	0.121	332.808125	46.195041	1773.62	-1808.46
7	GUIDE	472659832	9.45	692	-0.102	0.092	0.102	0.166	332.780399	46.098139	1436.35	-1712.15

2.4 Star Slots

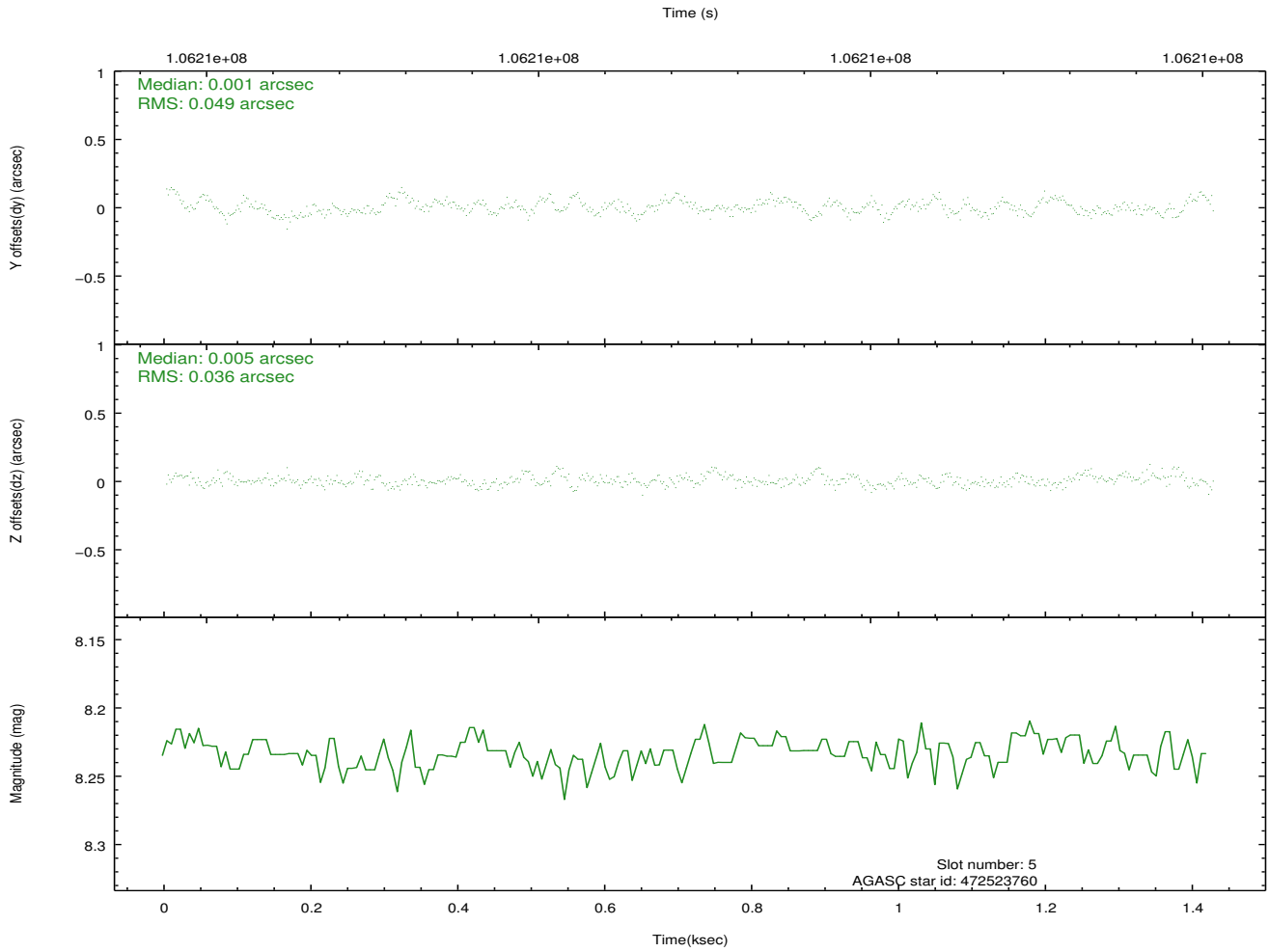
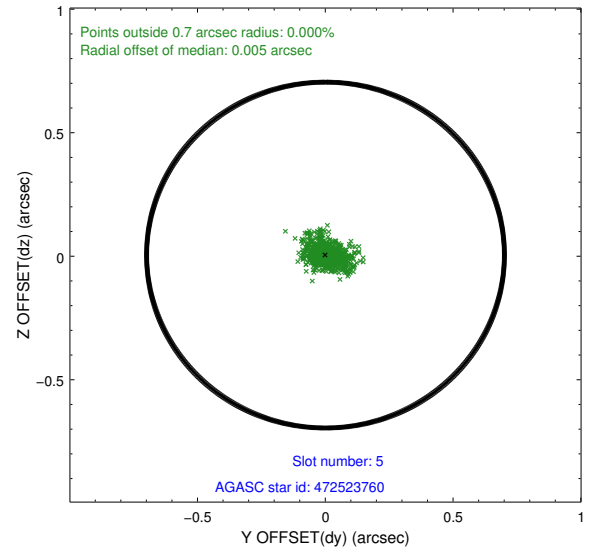
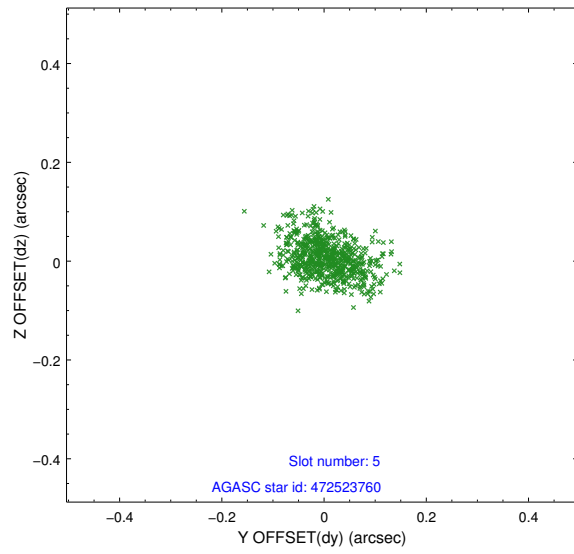
2.4.1 Slot 3



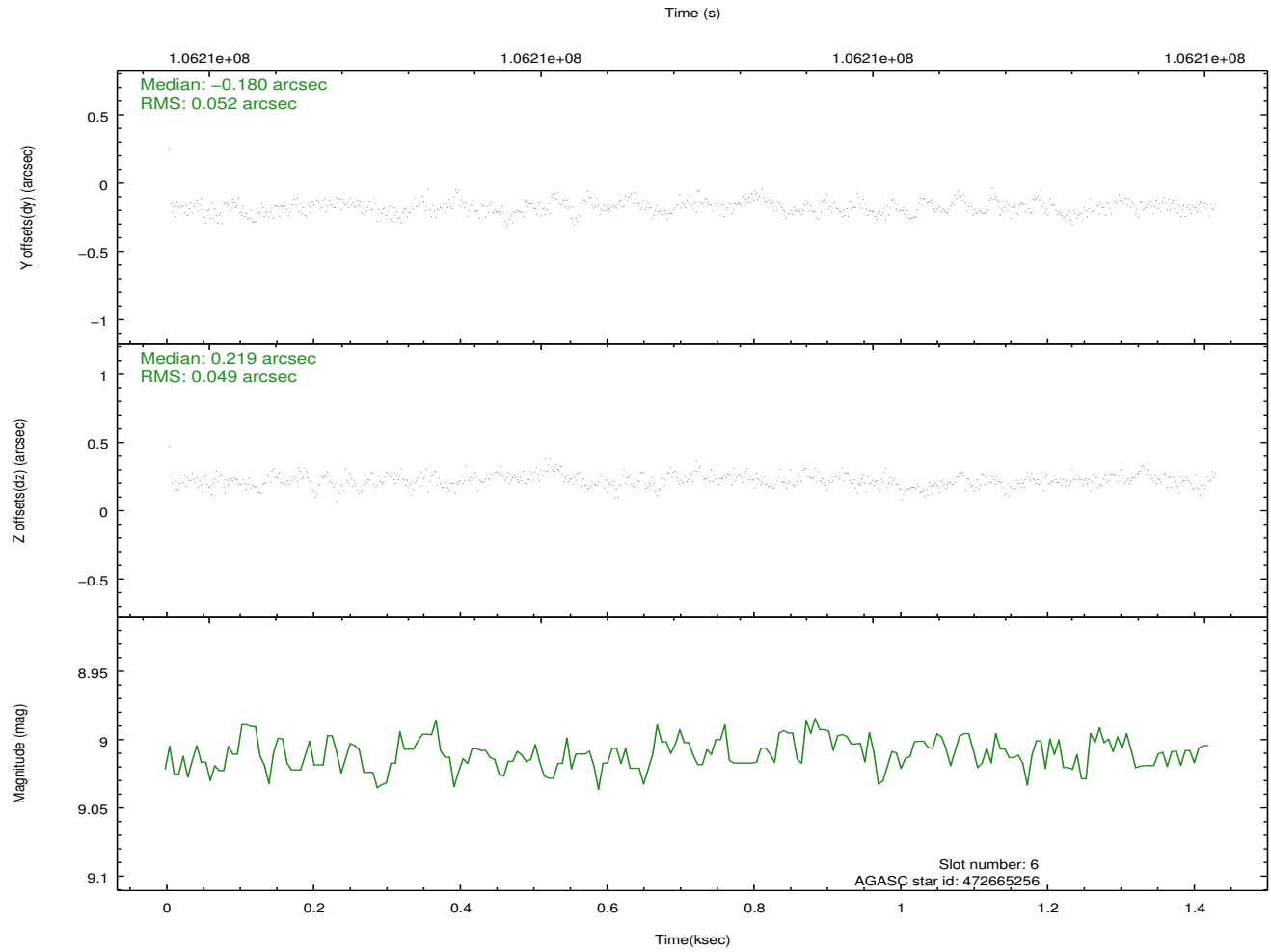
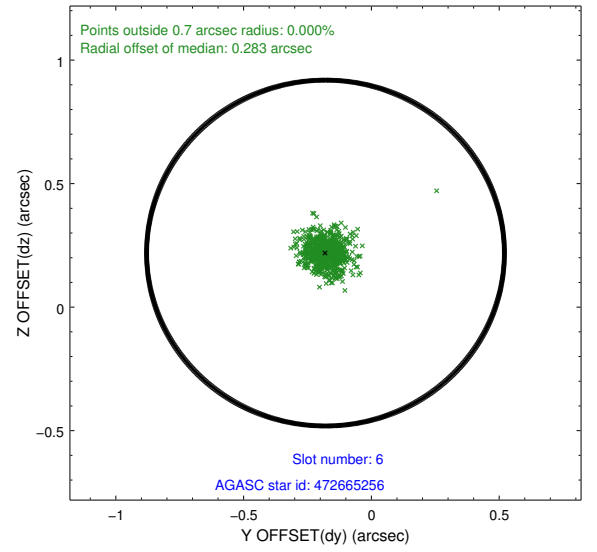
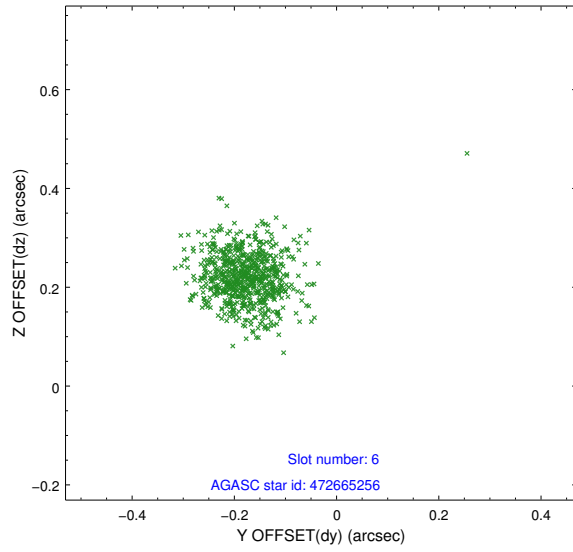
2.4.2 Slot 4



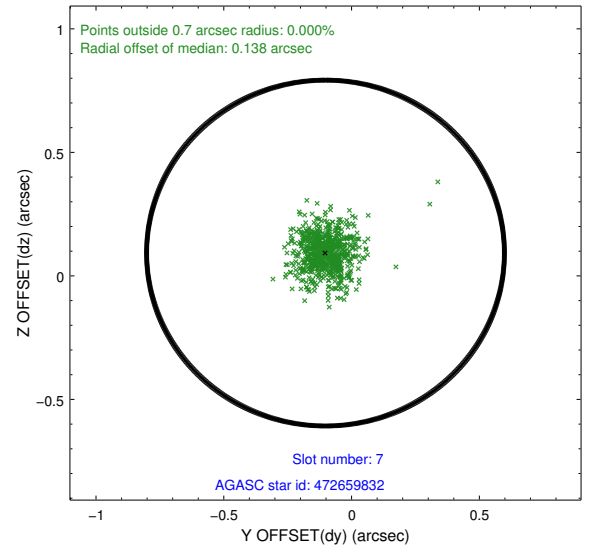
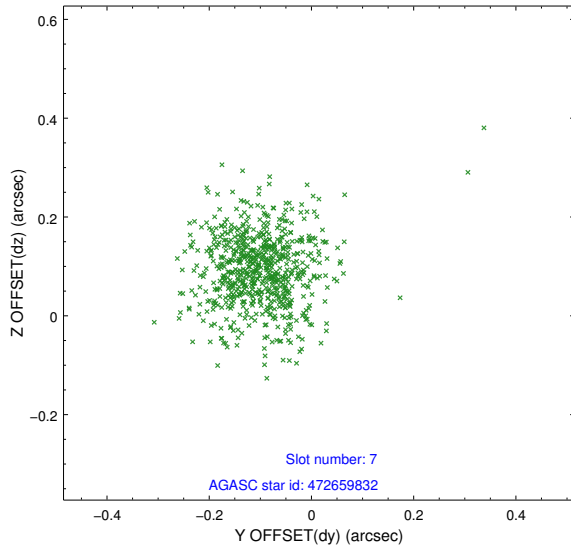
2.4.3 Slot 5



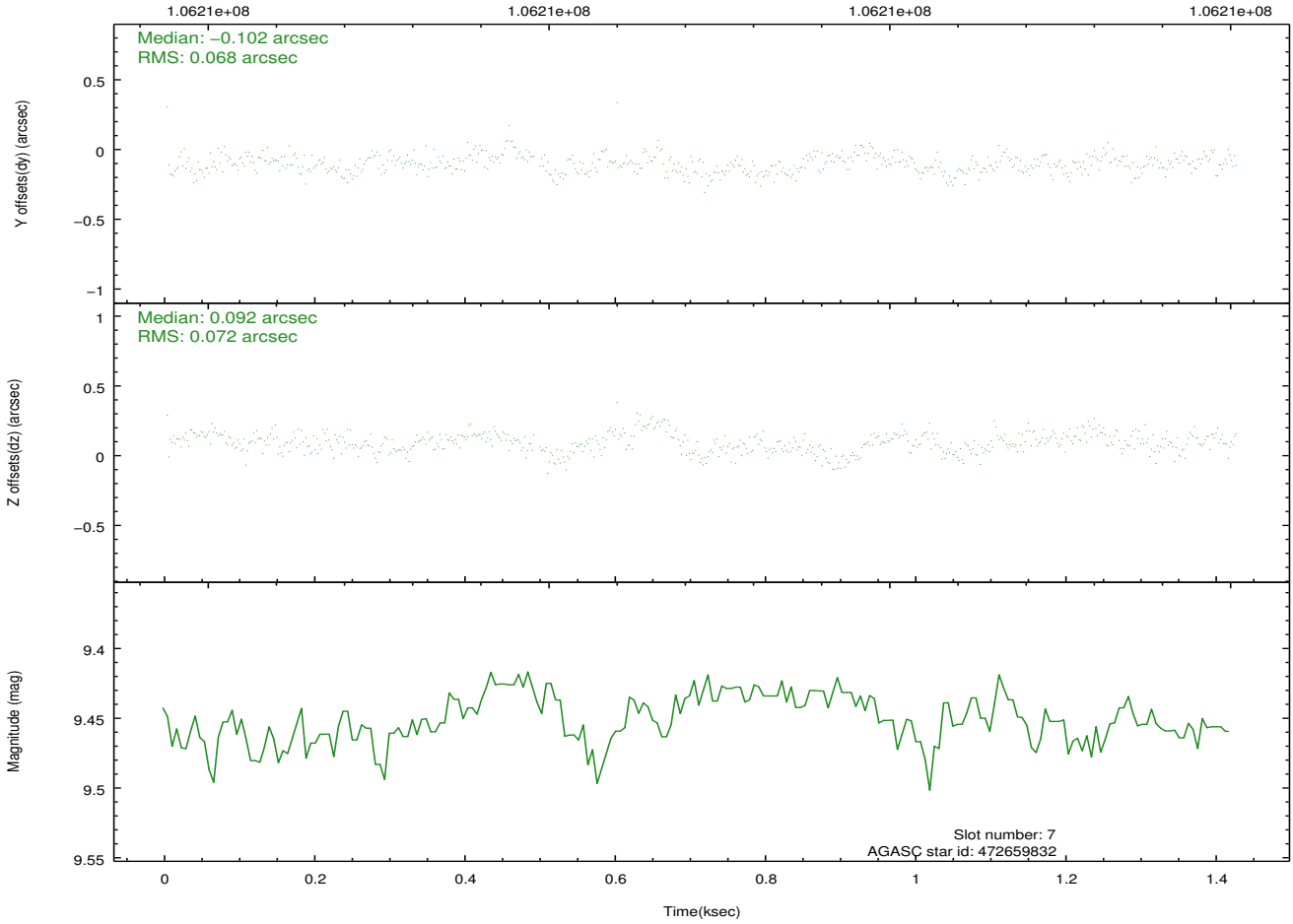
2.4.4 Slot 6



2.4.5 Slot 7

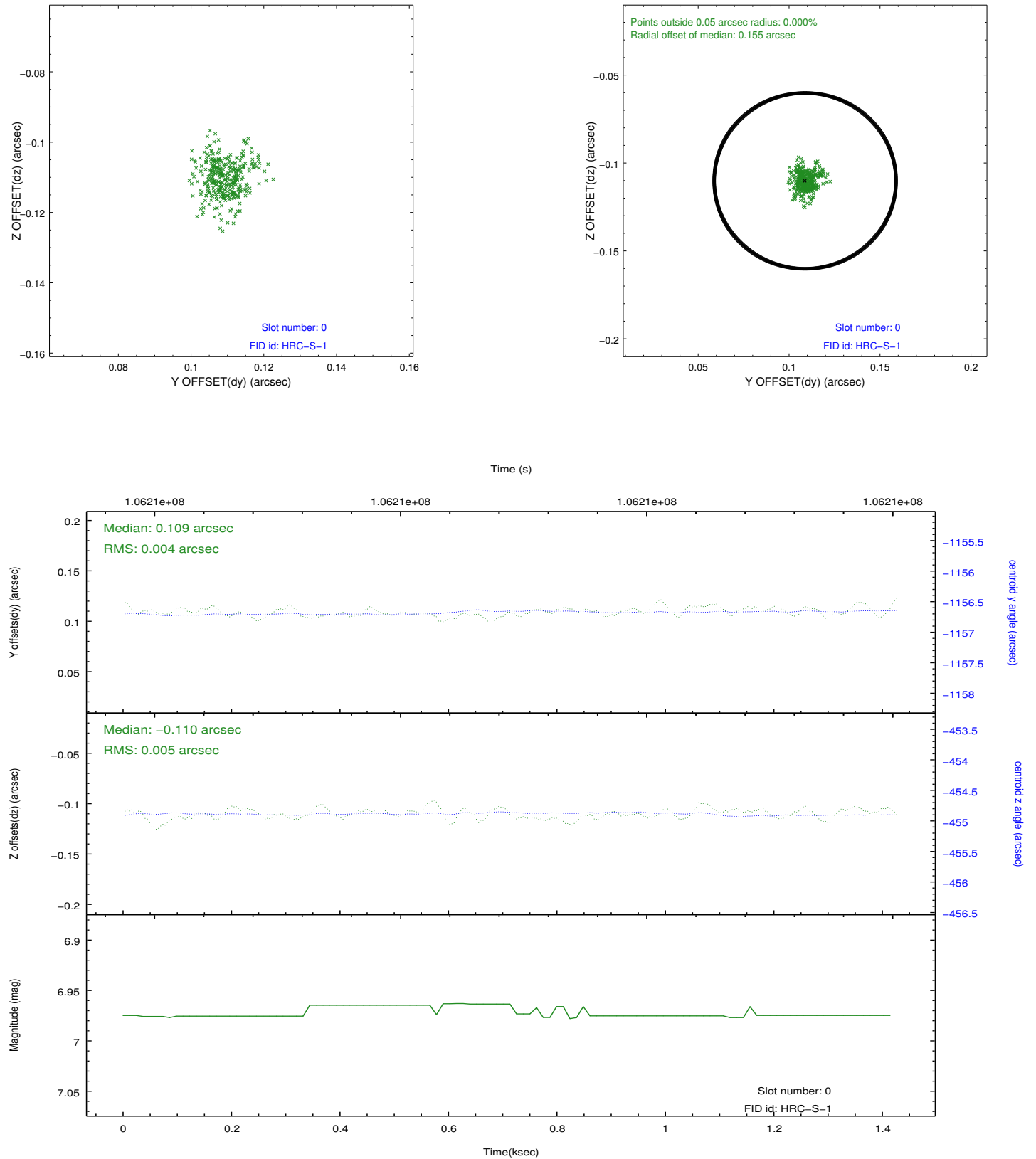


Time (s)

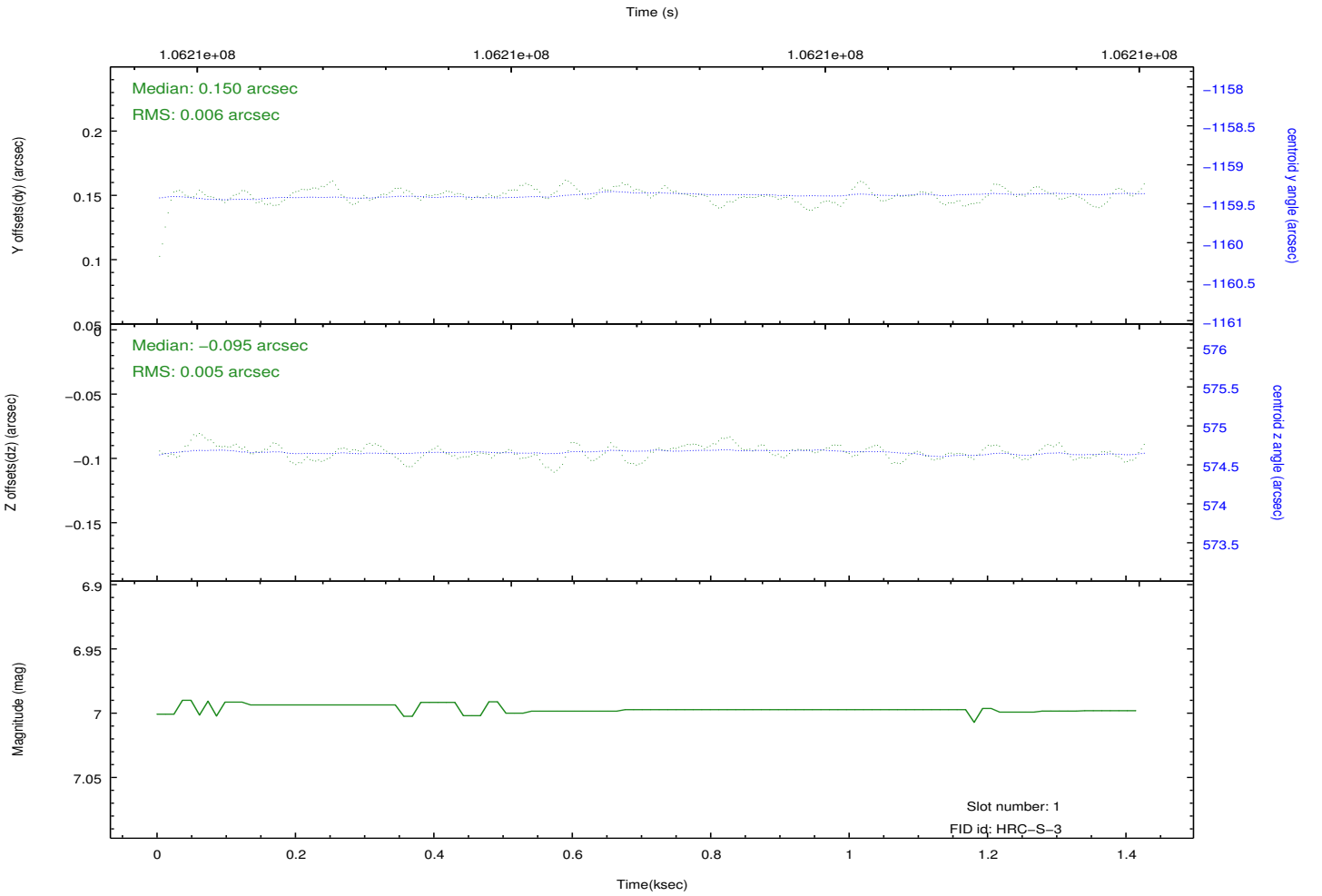
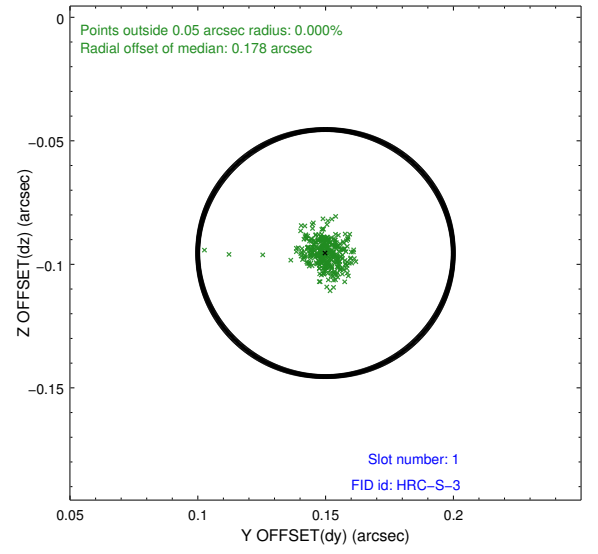
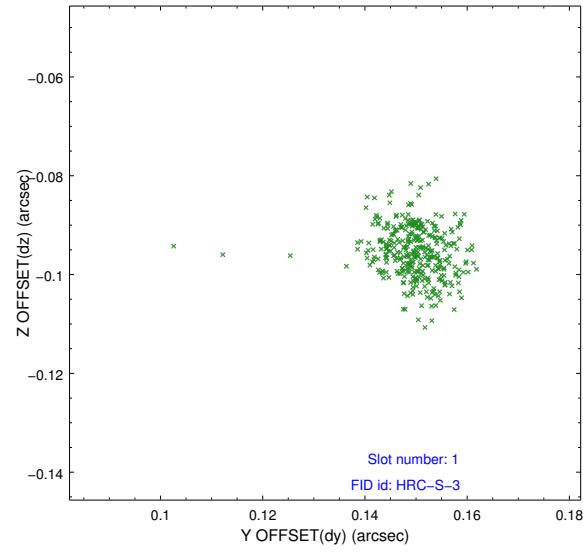


2.5 FID Slots

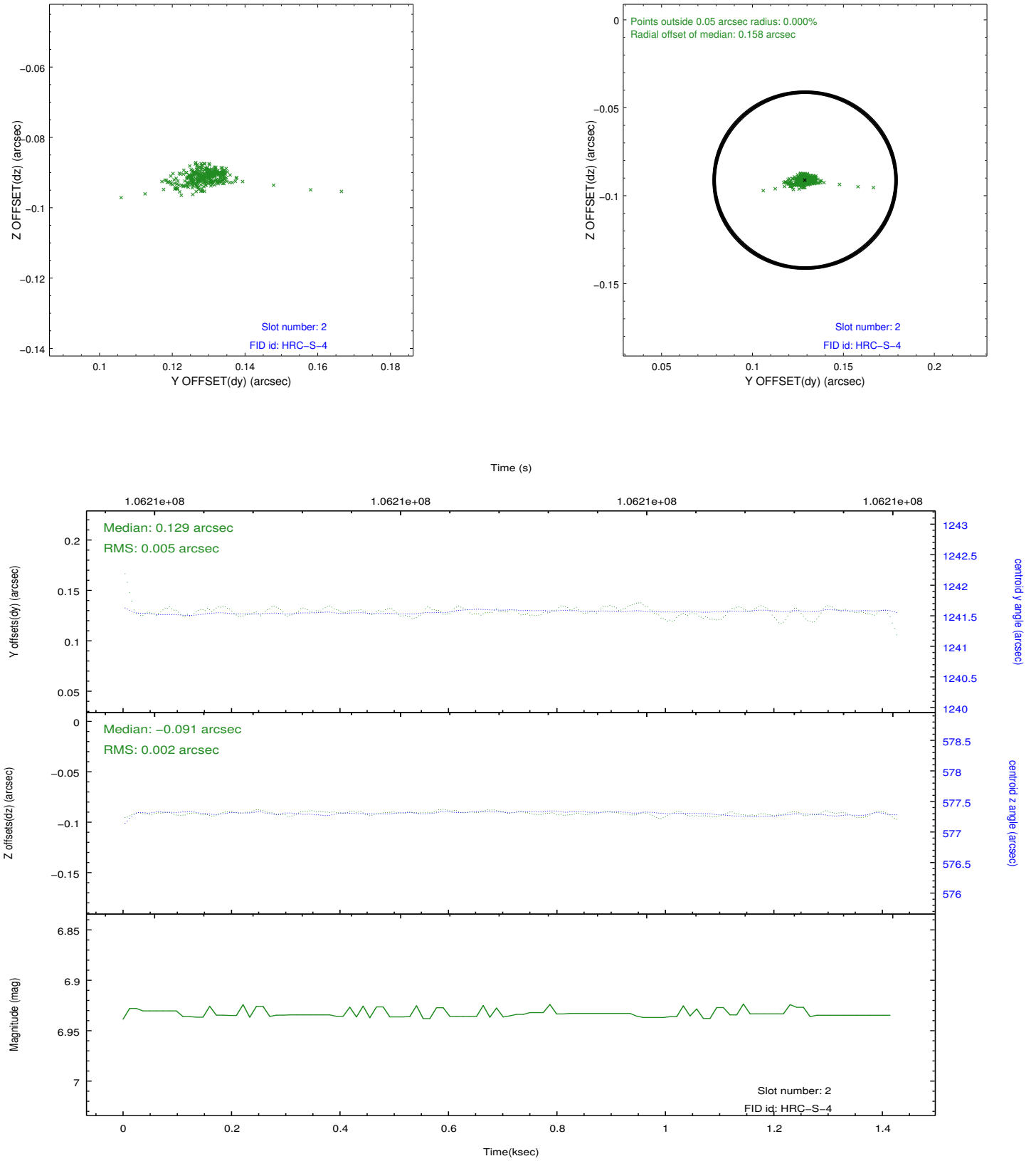
2.5.1 Slot 0



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	1.41

A.2 Comments

Charge time for this observation remains at previous value of 1.41 ksec.