

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2665 - L2 Version 3
Chandra X-Ray Center

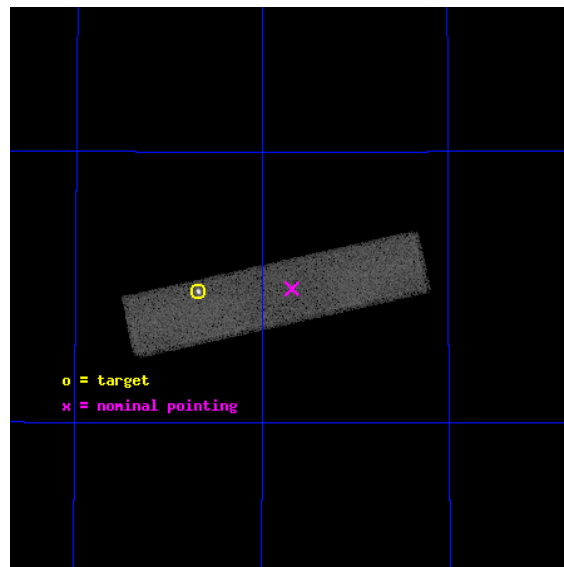
L2 Processing Date : Oct 13 2012

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1 Front

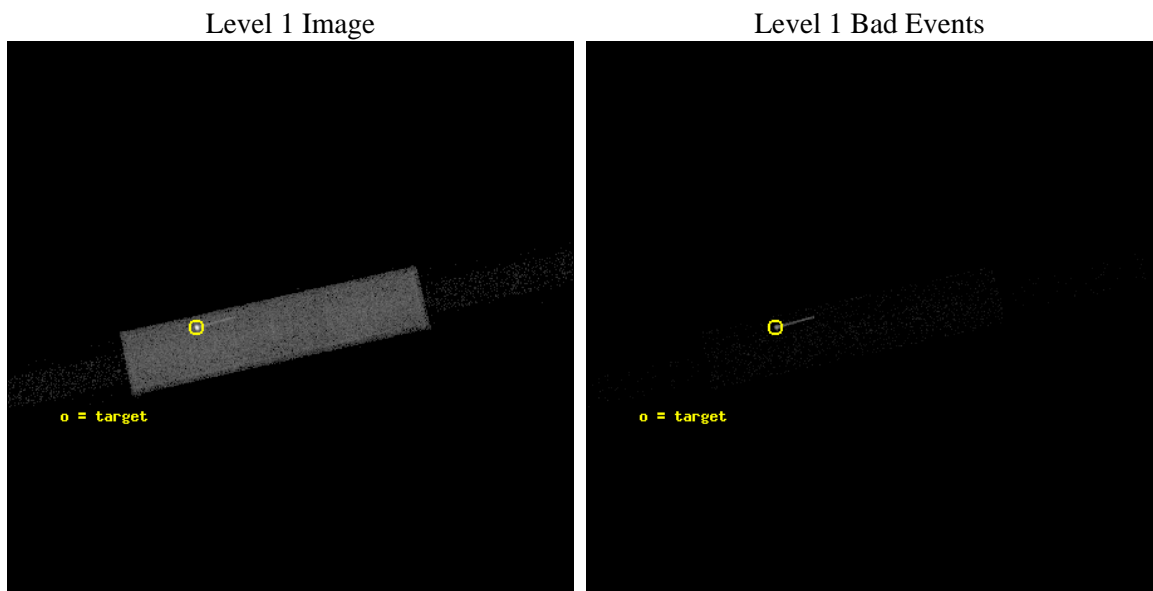
seq_num	290221	Sequence number
obs_id	2665	Observation id
title	AO3B HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC	Proposal ti
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	331.91987886565	Nominal RA [deg]
dec_nom	45.747670544071	Nominal Dec [deg]
roll_nom	167.37268839429	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1143.1312971115	[s]
livetime	1135.042763865	Ontime multiplied by DTCOR
l2events	59276	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	1143.1312971115	[s]
caldsver	4.5.2	 	l1events	87934	Number of level 1 events
date	2012-10-14T00:26:32	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

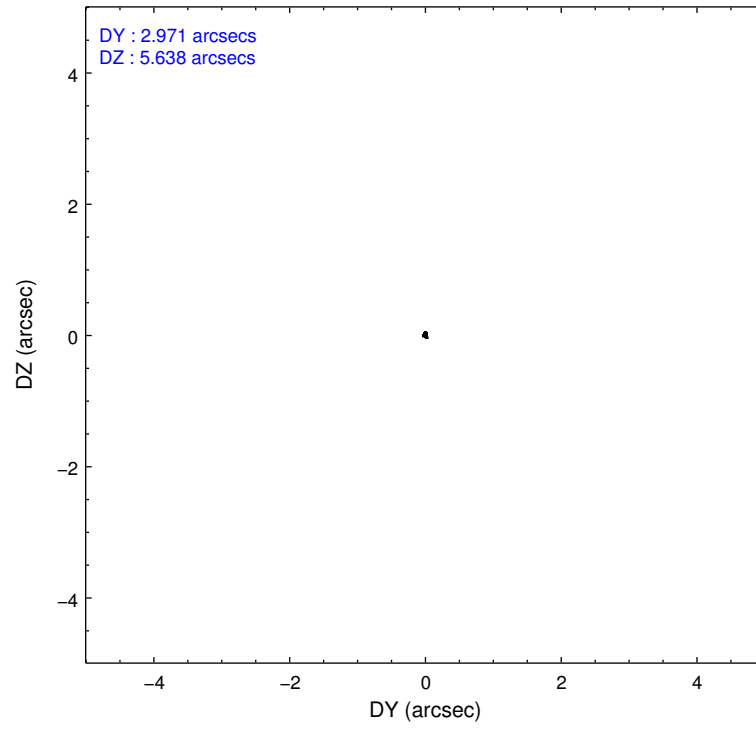
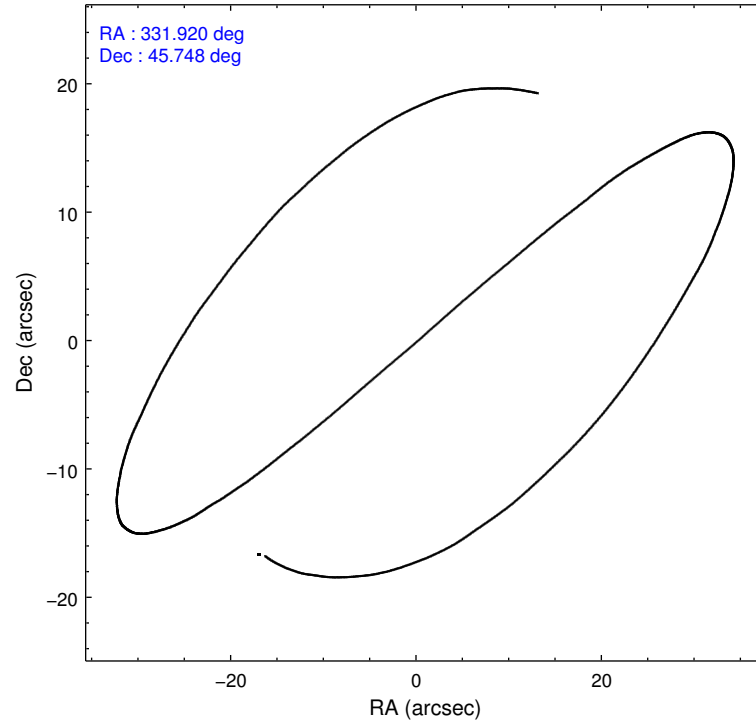
Level 1 Events

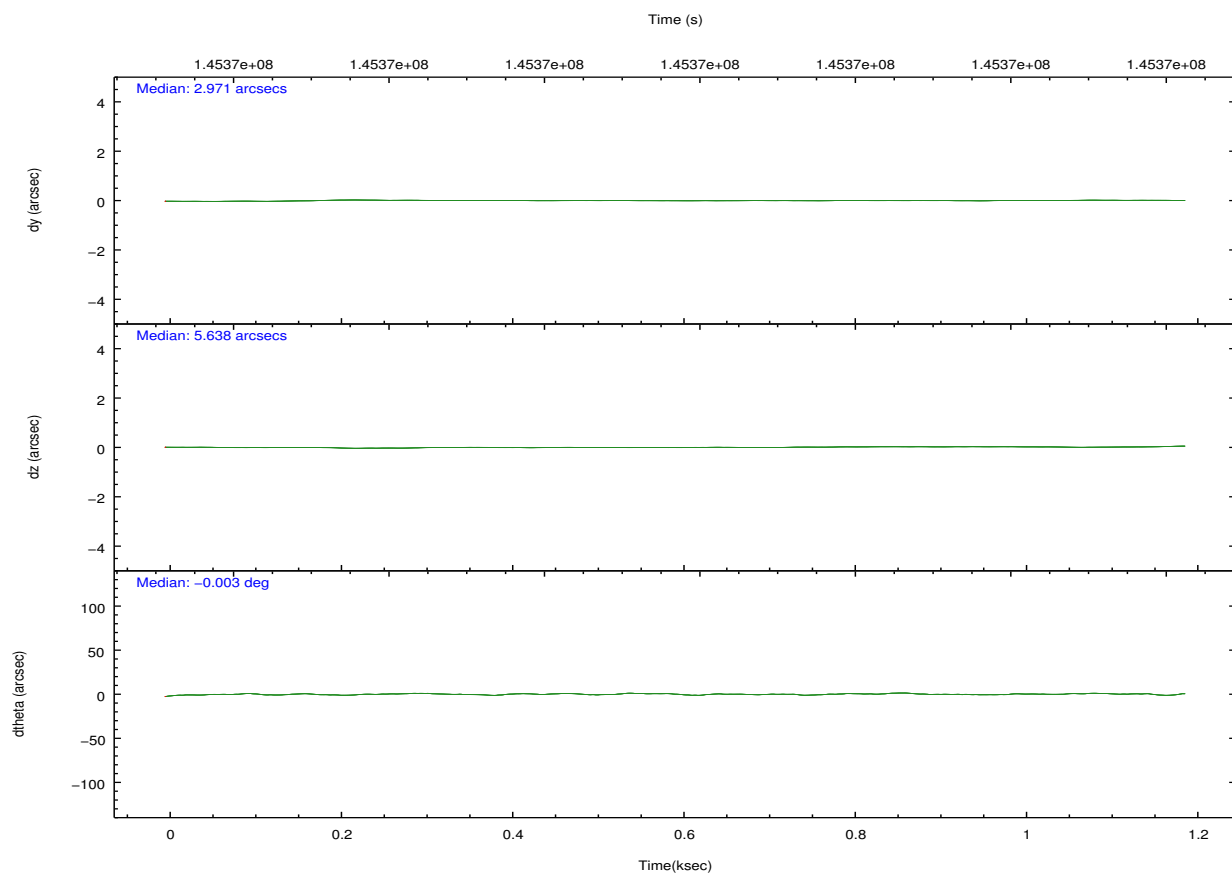
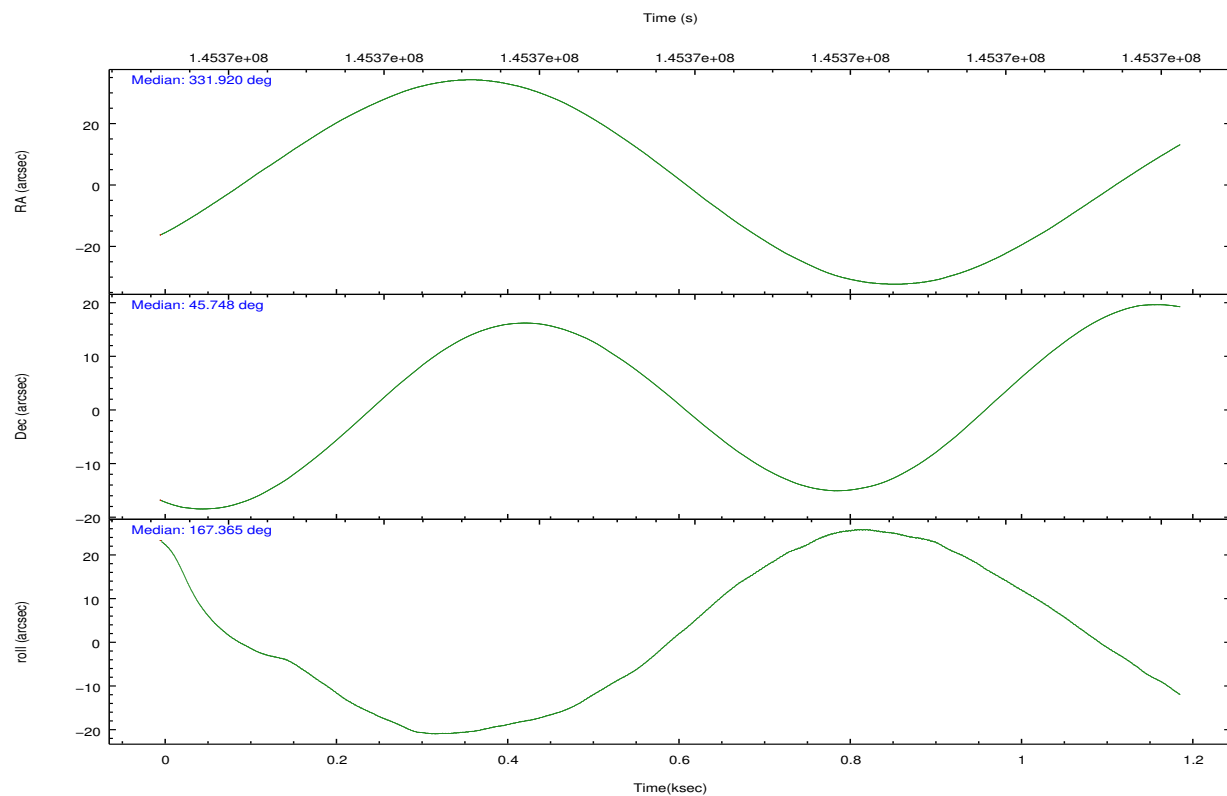
	segment 1	segment 2	segment 3
level 1 events	1419	85162	1353
rejected events	1419	16190	1353
rejected %	100%	19%	100%

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	331.958496	331.9198788656475			
[deg] Pointing Dec	45.757714	45.74767054407108			
[deg] Pointing Roll	167.277537	167.3726883942935			
[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)	145367960.184000	145367585.01525			
Observation start date	2002-08-10T11:58:16	2002-08-10T11:53:05			
[s] Observation end time (MET)	145368960.184000	145369094.84031			
Observation end date	2002-08-10T12:14:56	2002-08-10T12:18:14			

2.3 Aspect



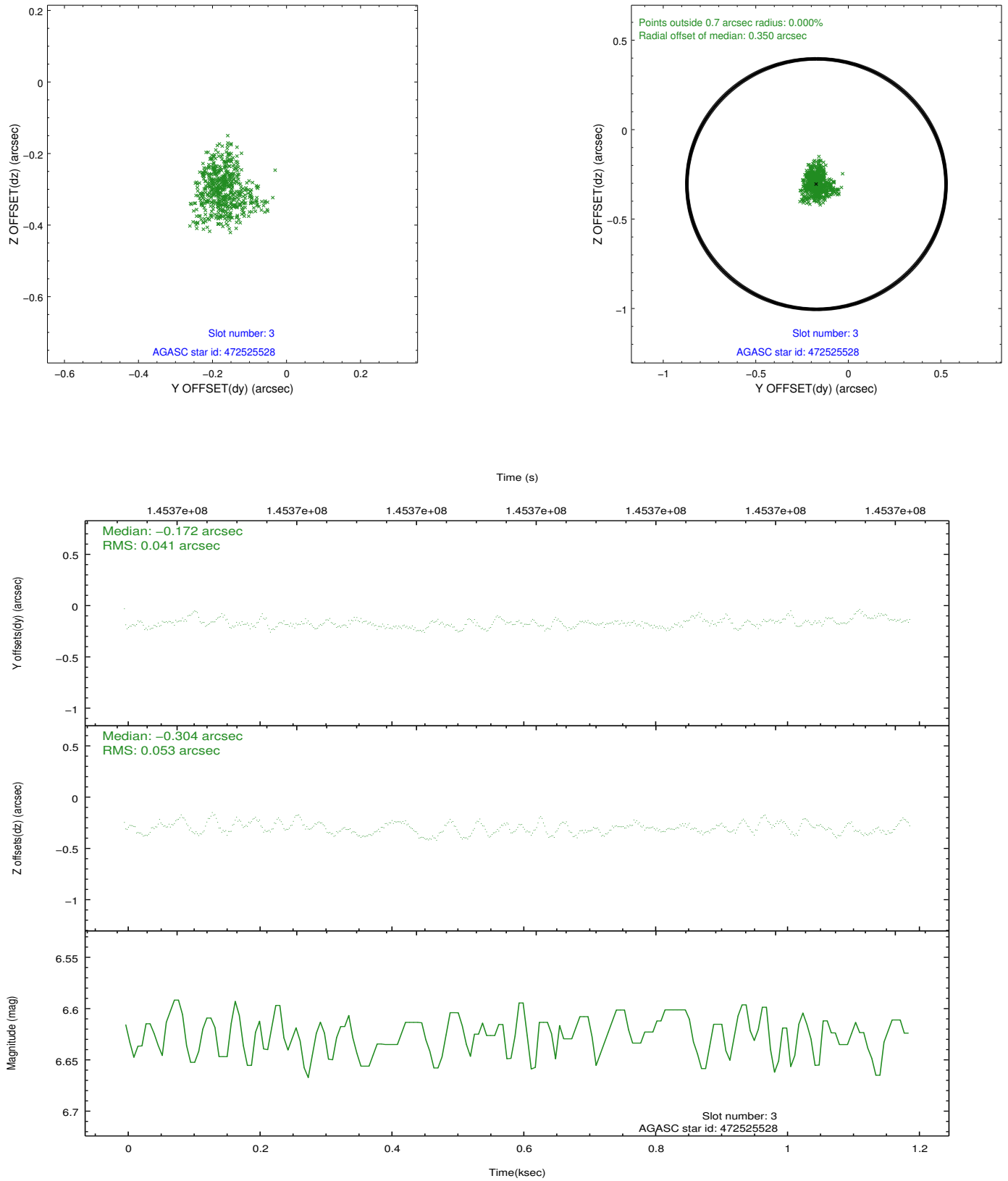


Slot Statistics

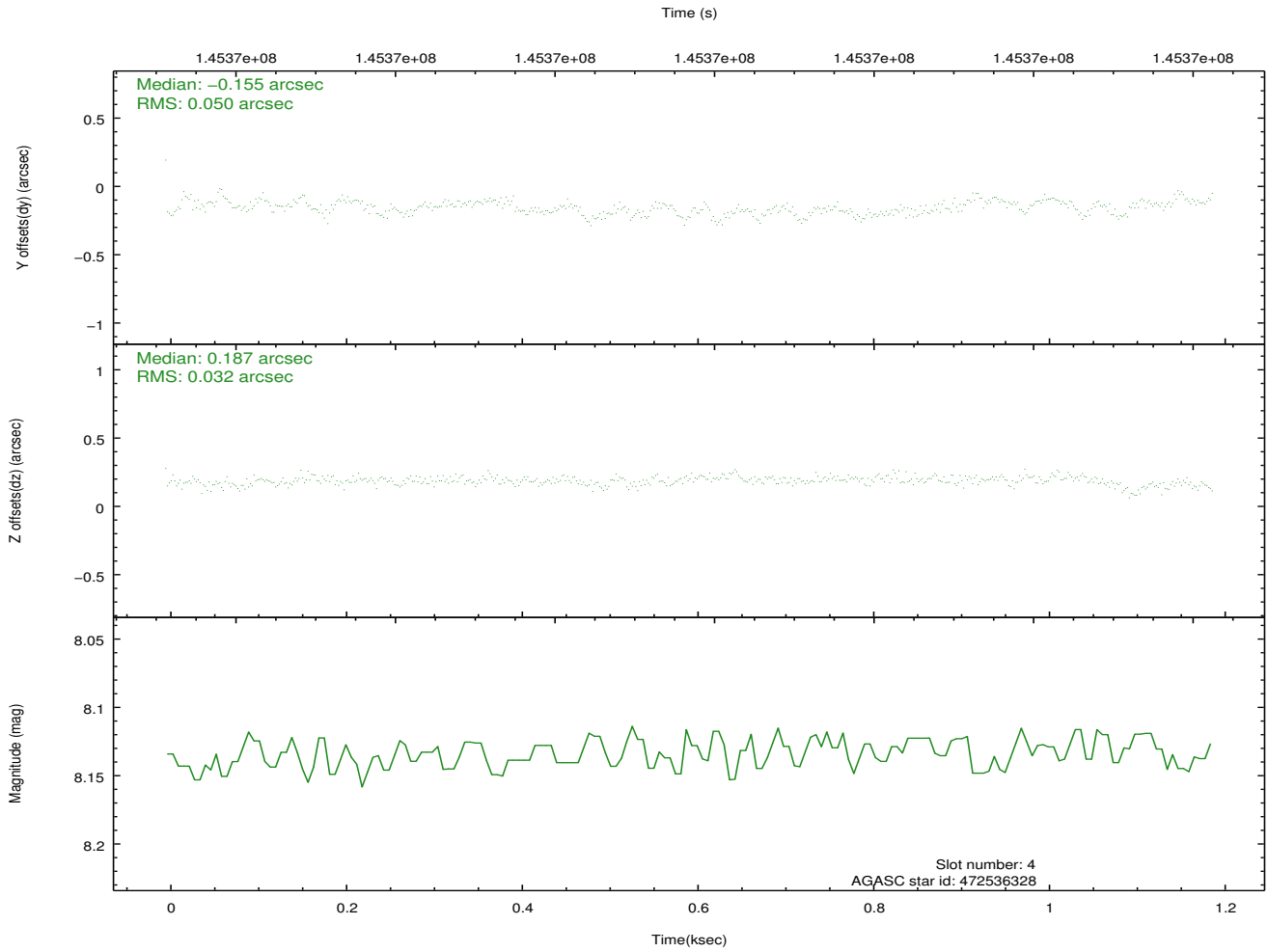
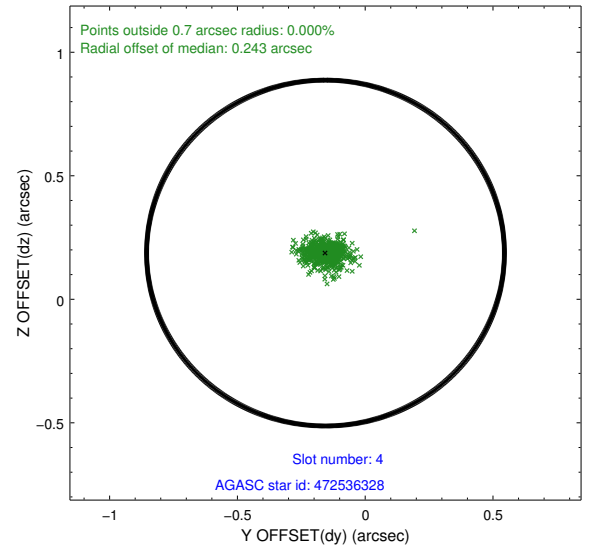
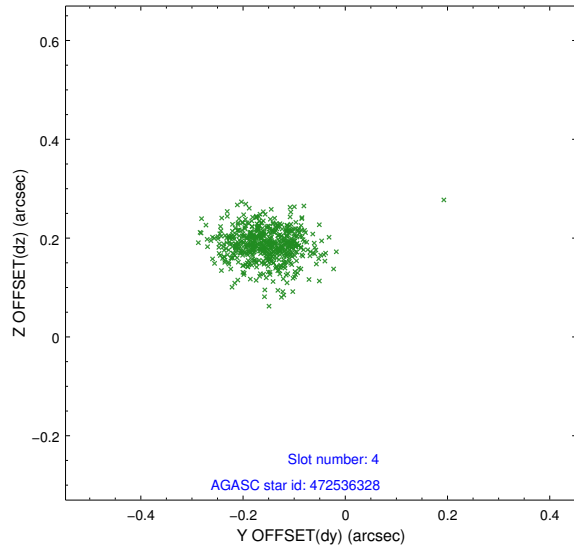
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.99	291	0.157	-0.157	0.007	0.010	0.000000	0.000000	-1156.99	-454.18
1	FID	HRC-S-2	7.00	291	0.098	-0.099	0.004	0.009	0.000000	0.000000	1238.65	-448.34
2	FID	HRC-S-3	7.01	291	0.134	-0.047	0.007	0.012	0.000000	0.000000	-1155.47	573.92
3	GUIDE	472525528	6.62	582	-0.172	-0.304	0.072	0.116	331.551102	45.248694	604.75	2011.87
4	GUIDE	472536328	8.13	582	-0.155	0.187	0.060	0.106	331.496671	46.454831	1672.85	-2195.43
5	GUIDE	472665256	9.02	582	0.168	0.162	0.075	0.120	332.808125	46.195041	-1711.86	-2017.08
6	GUIDE	472527656	9.16	582	0.043	-0.105	0.103	0.182	331.004689	45.273362	1974.03	2215.51
7	GUIDE	472659832	9.45	581	0.122	0.072	0.089	0.156	332.780399	46.098139	-1724.52	-1654.22

2.4 Star Slots

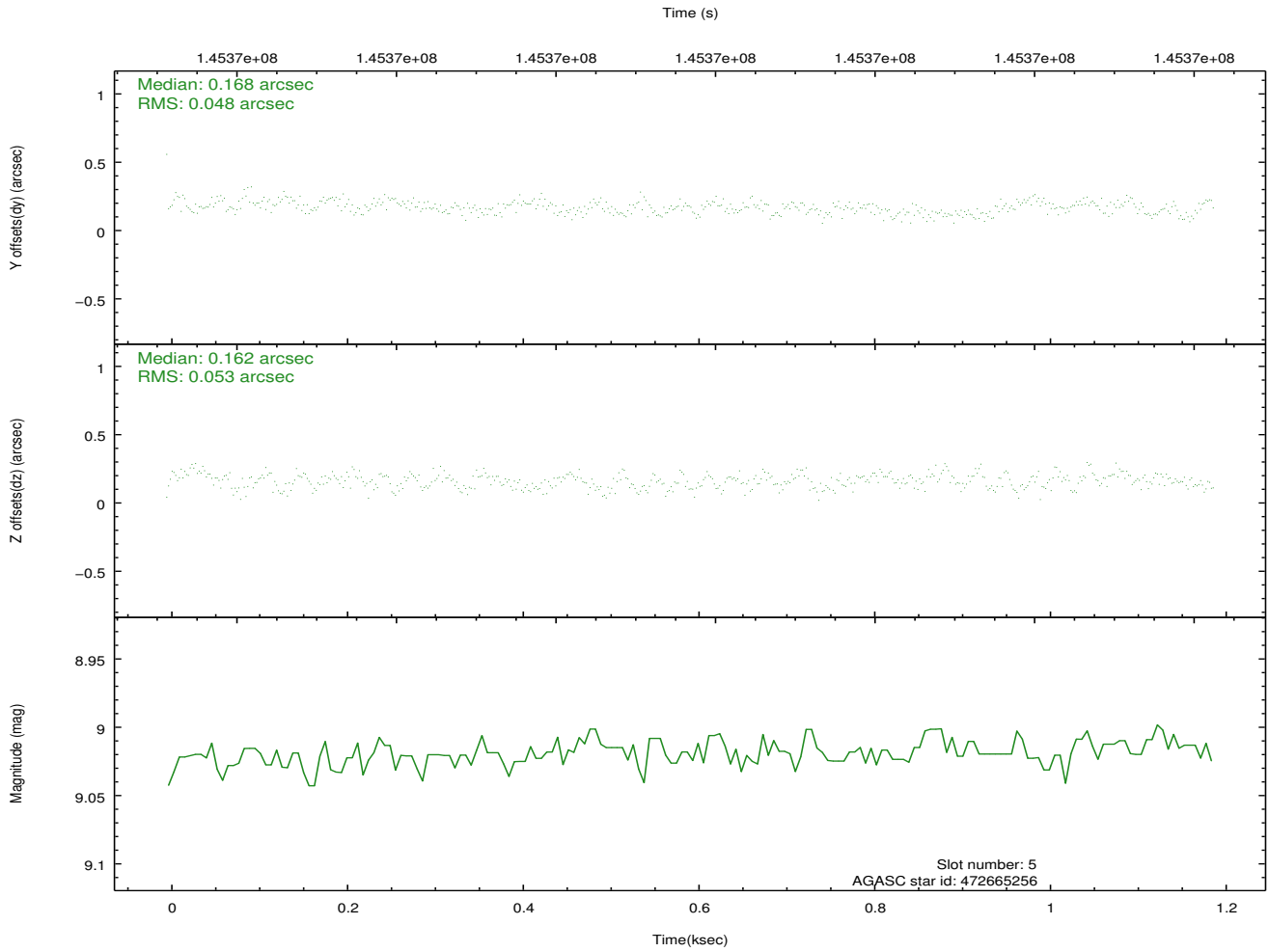
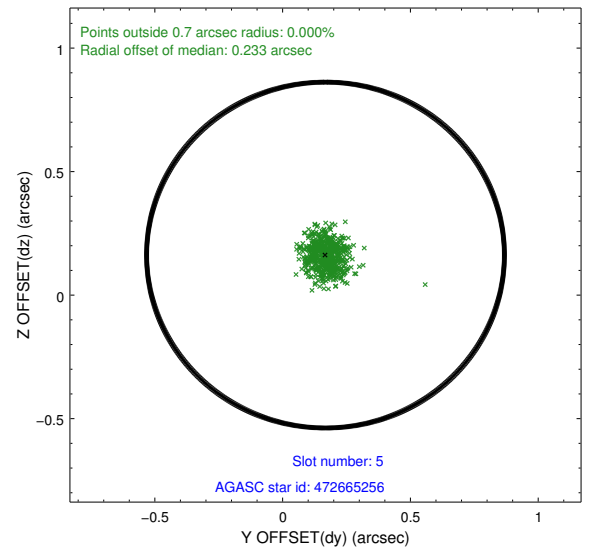
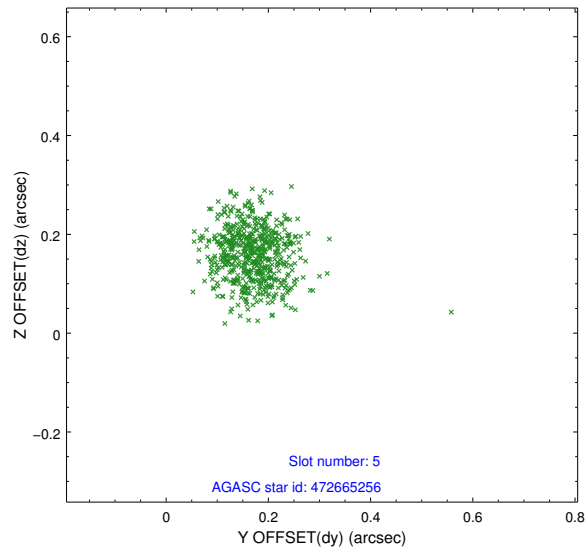
2.4.1 Slot 3



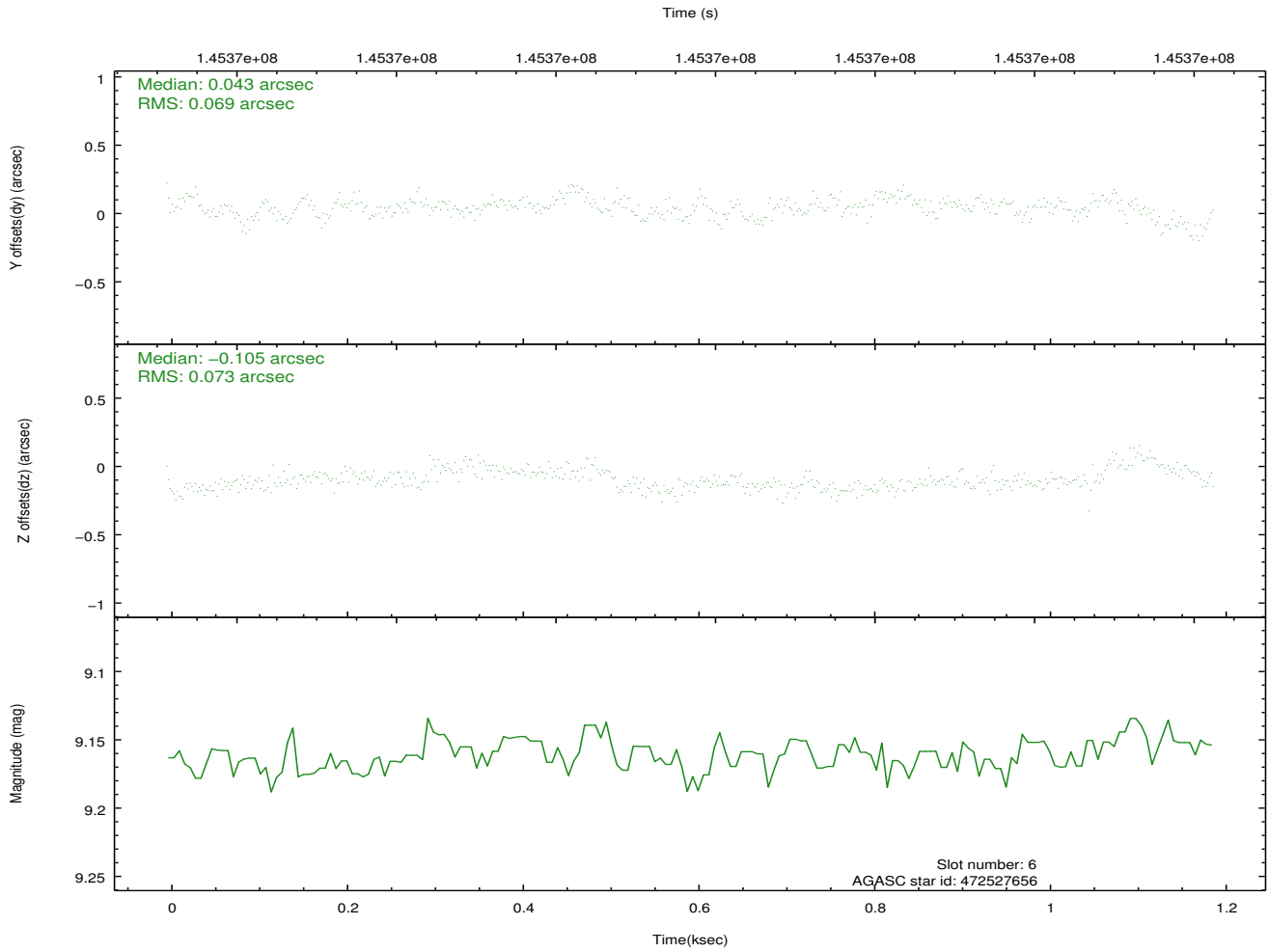
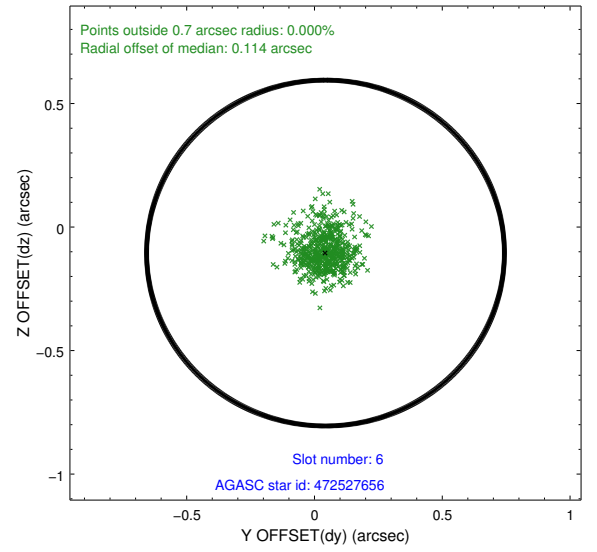
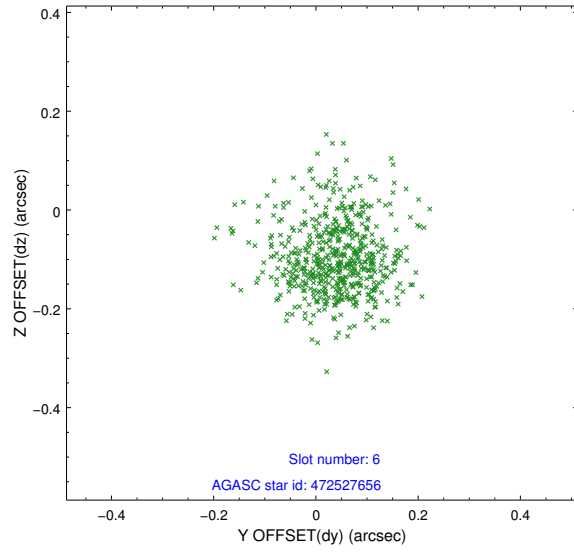
2.4.2 Slot 4



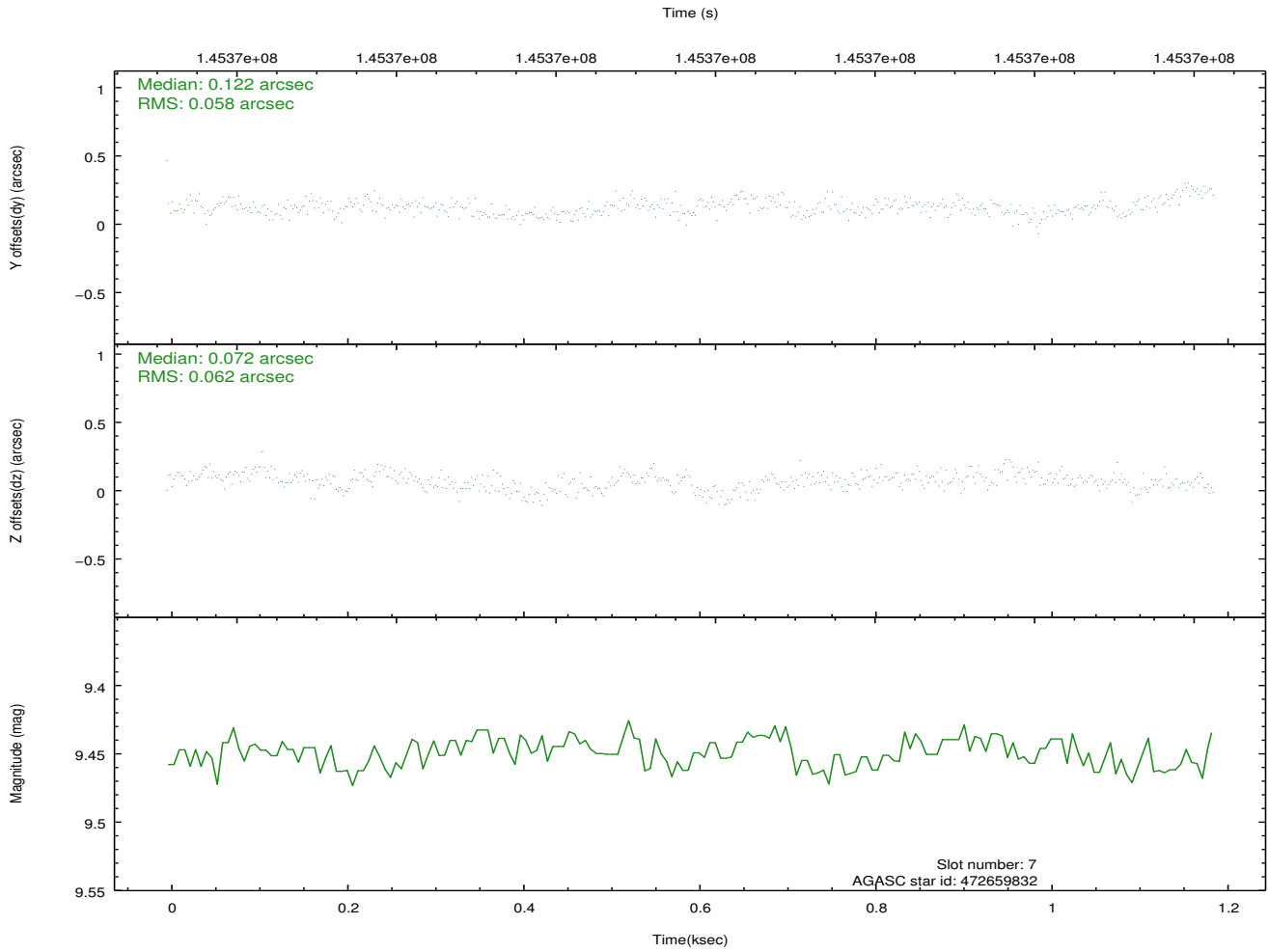
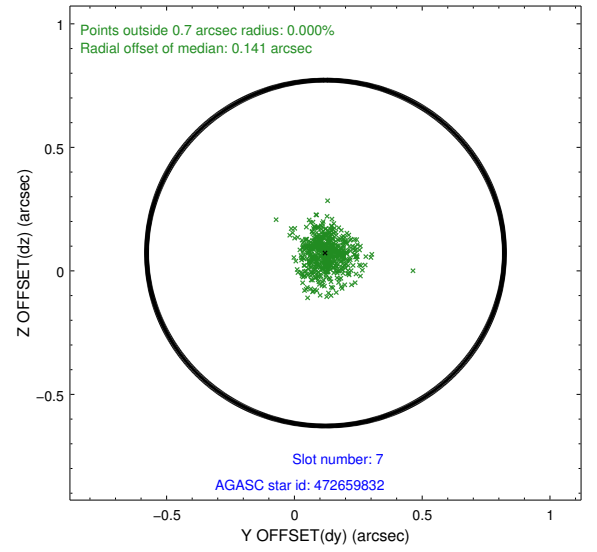
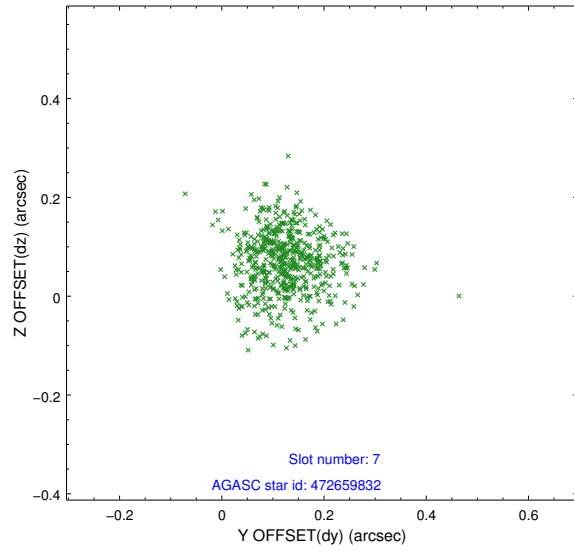
2.4.3 Slot 5



2.4.4 Slot 6

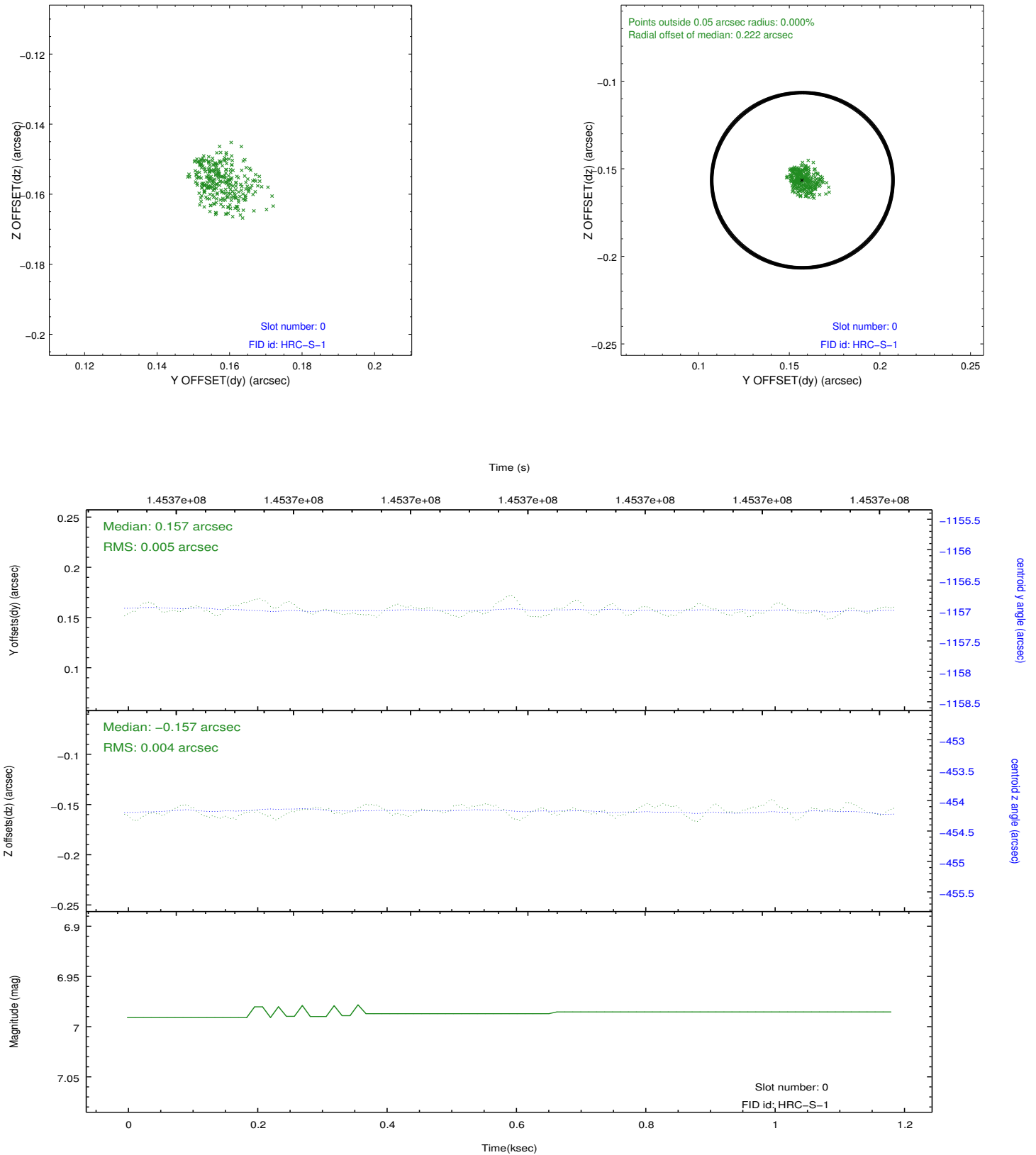


2.4.5 Slot 7

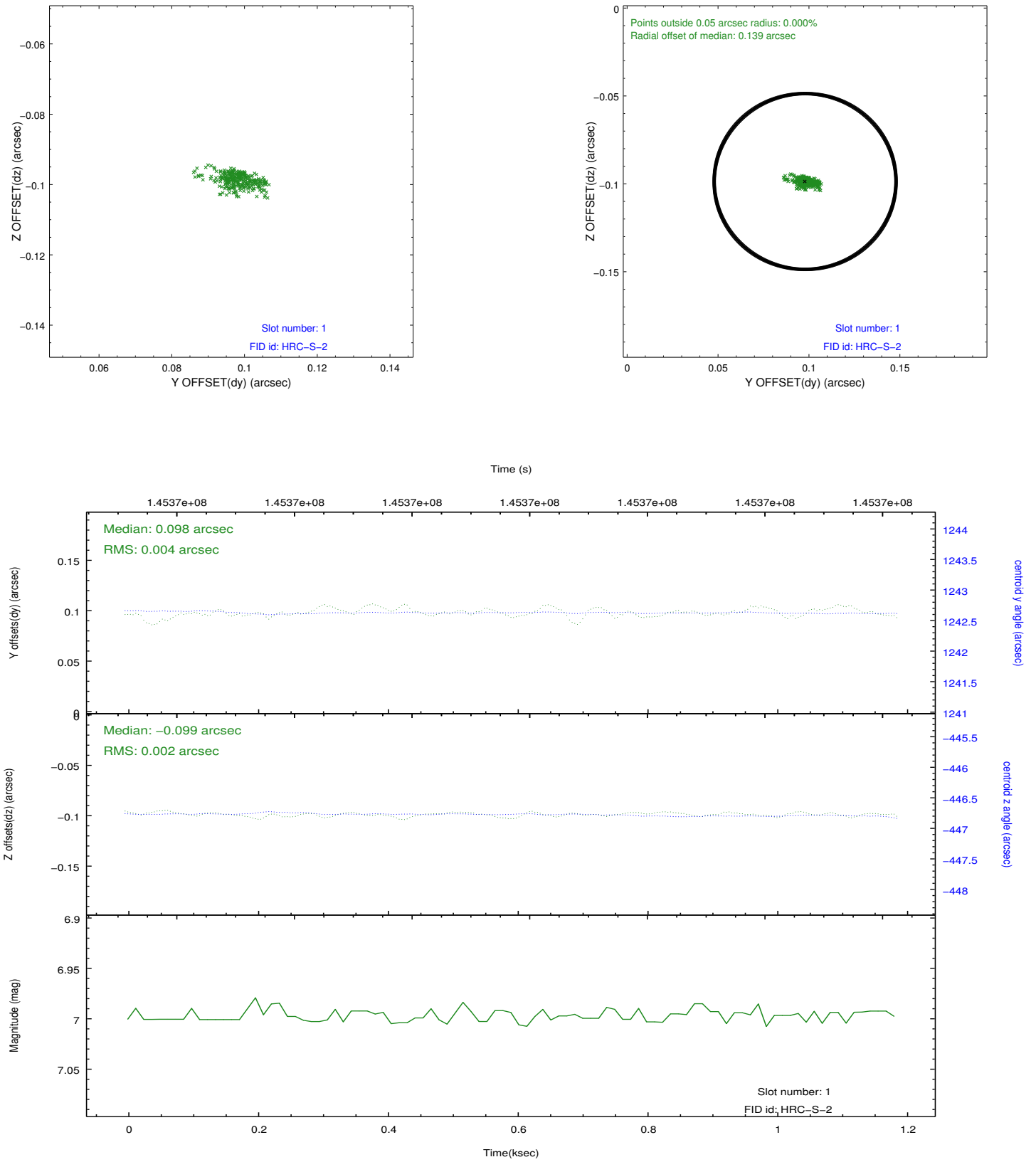


2.5 FID Slots

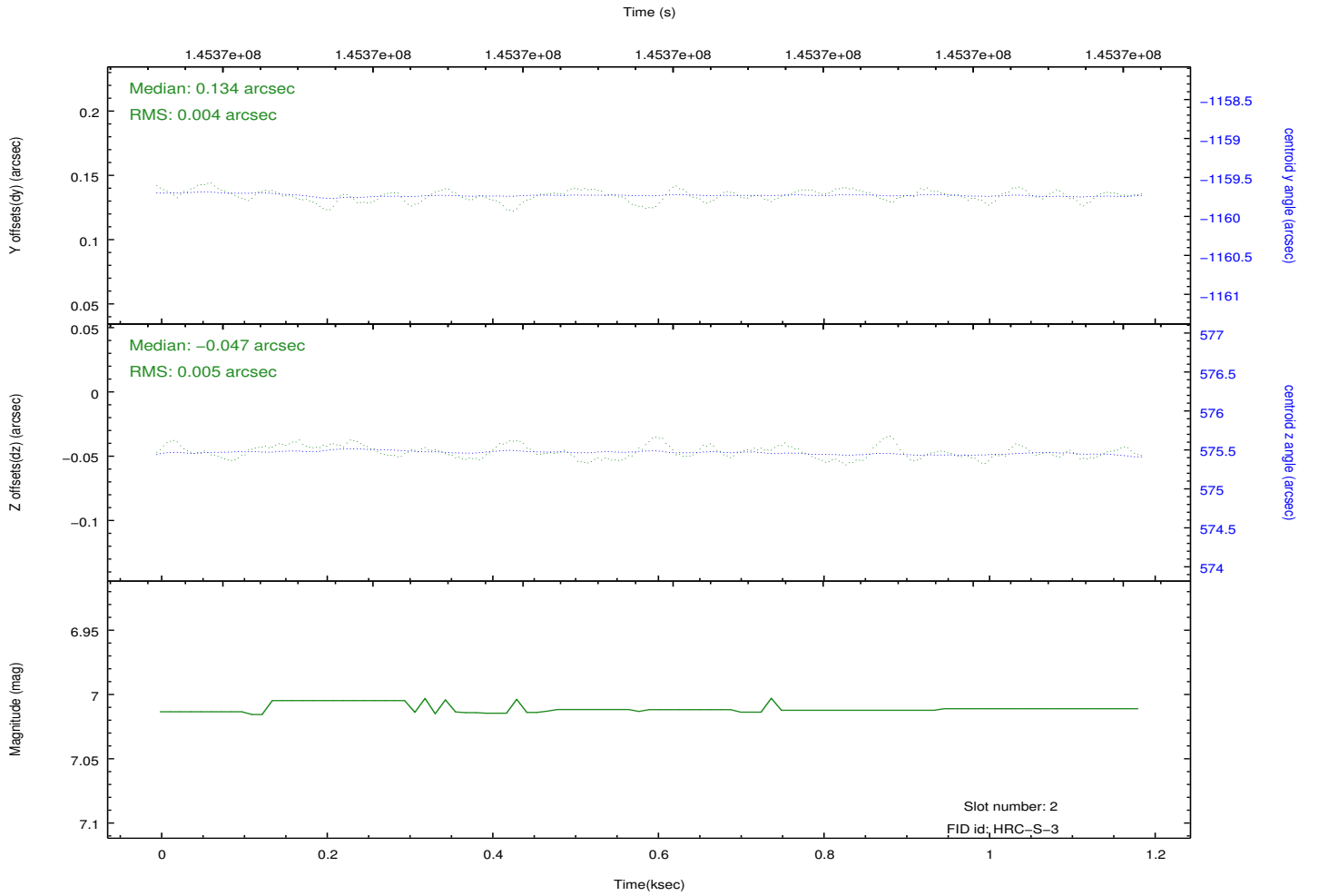
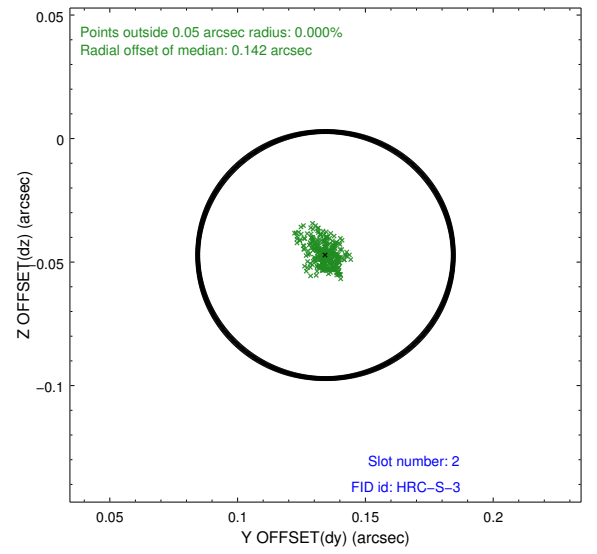
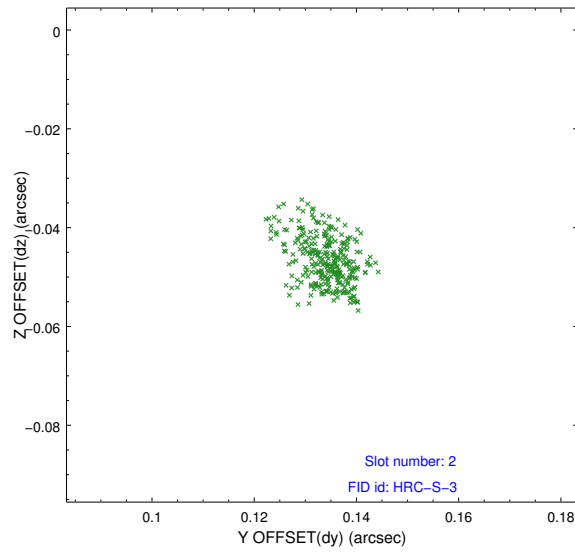
2.5.1 Slot 0



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)	2012.10.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.19

A.2 Comments

Charge time for this ObsId remains at previous value of 1.19 ks although with the current processing the charge time would have been 1.14 ksec. Monitor constraint met.