

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 146 - L2 Version 6
Chandra X-Ray Center

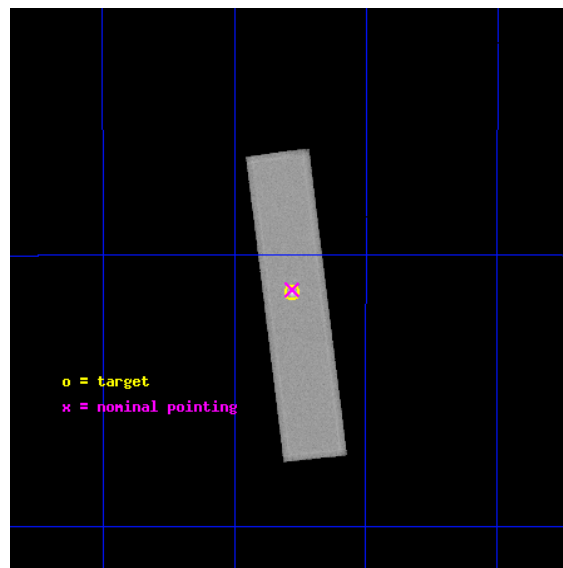
L2 Processing Date : Aug 22 2012

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1 Front

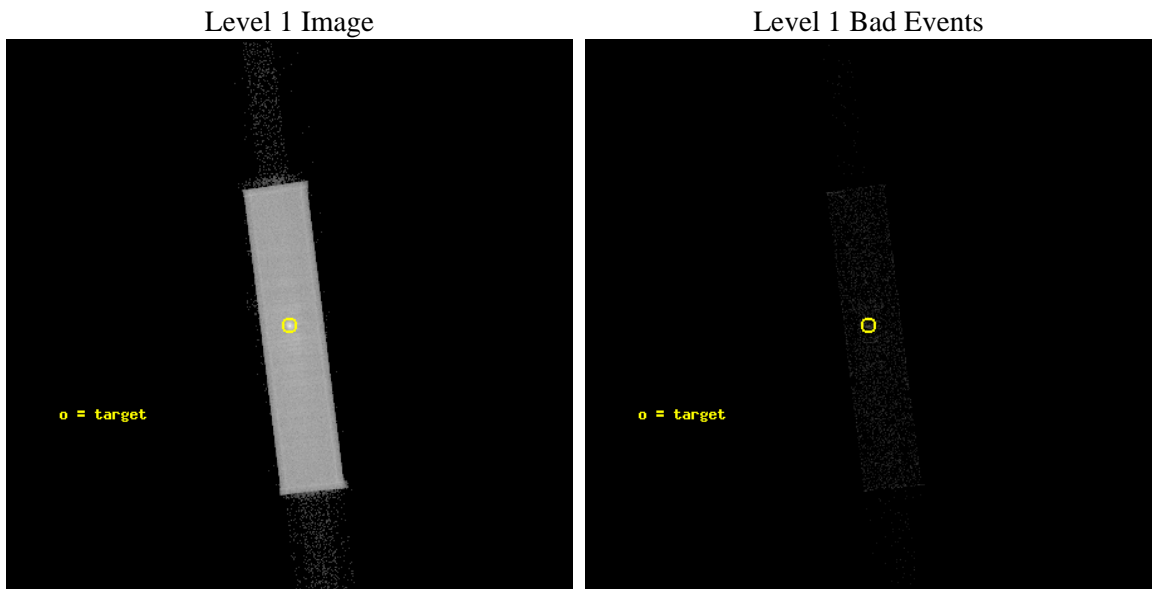
seq_num	590014	Sequence number
obs_id	146	Observation id
title	HRC RESPONSE TO CONTINUUM SOURCE.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	G21.5-0.9 [HRC-S, Offsets=0,0,0 CENTER MCP]	Source name
ra_targ	278.389583	Observer's specified target RA [deg]
dec_targ	-10.568528	Observer's specified target Dec [deg]
ra_nom	278.3906363487	Nominal RA [deg]
dec_nom	-10.563681252697	Nominal Dec [deg]
roll_nom	82.753429035913	Nominal Roll [deg]
revision	6	Processing version of data
ontime	10412.206629872	[s]
livetime	10356.845269939	Ontime multiplied by DTCOR
l2events	338305	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	10000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	10412.206629872	[s]
caldsver	4.5.1.1	 	l1events	465105	Number of level 1 events
date	2012-08-22T19:23:47	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

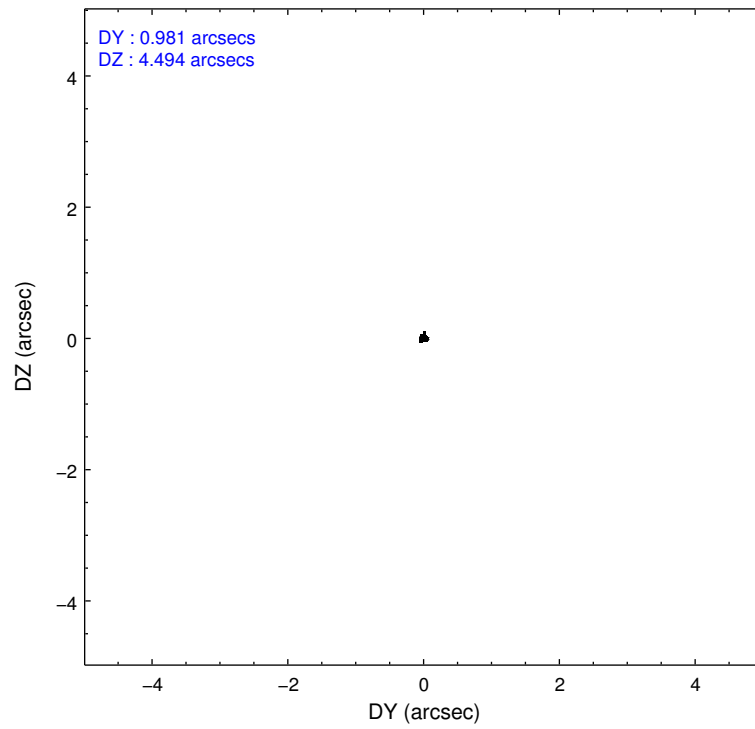
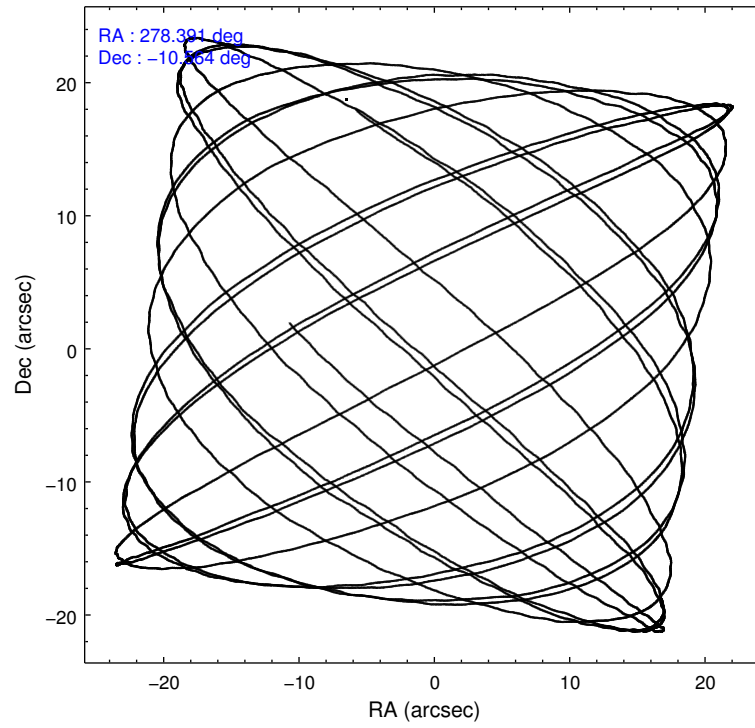
	segment 1	segment 2	segment 3
level 1 events	9692	454223	1190
rejected events	9692	11321	1190
rejected %	100%	2%	100%

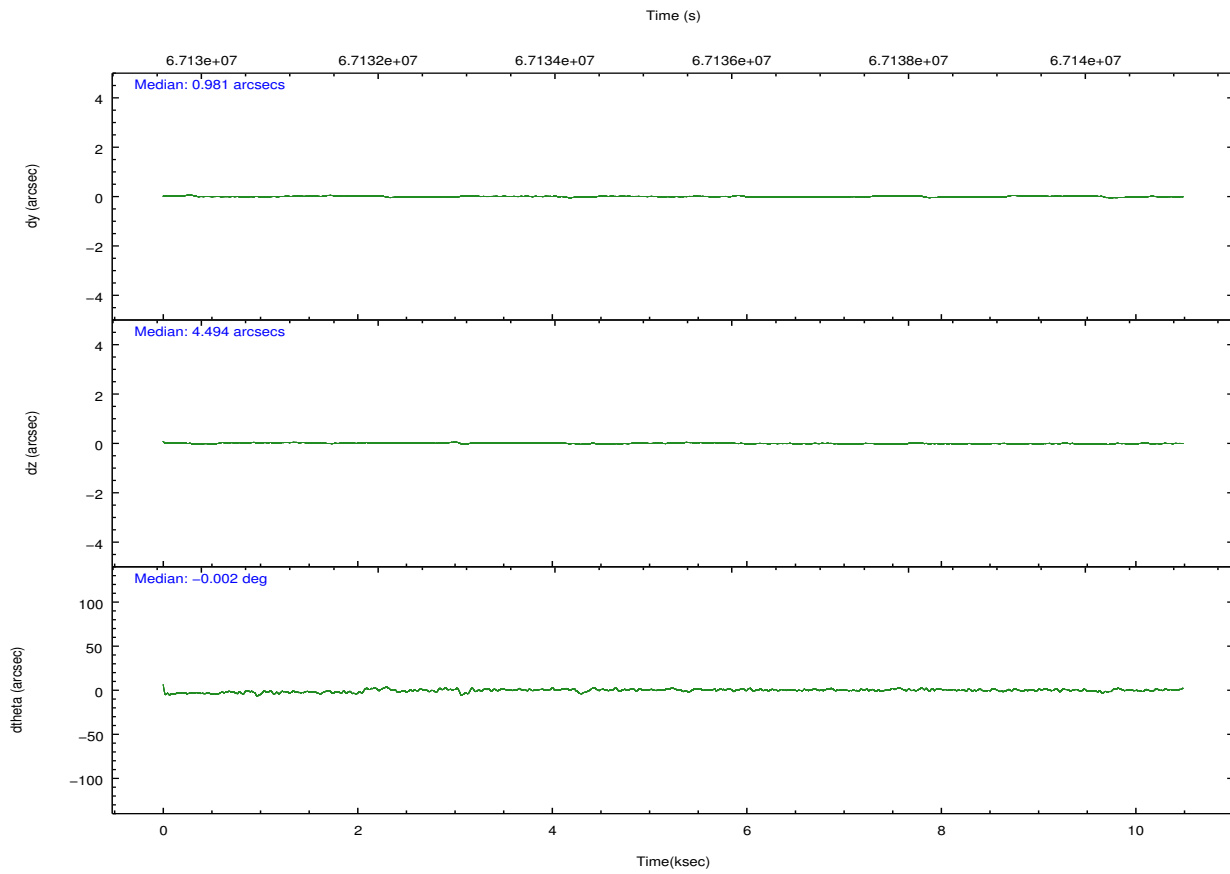
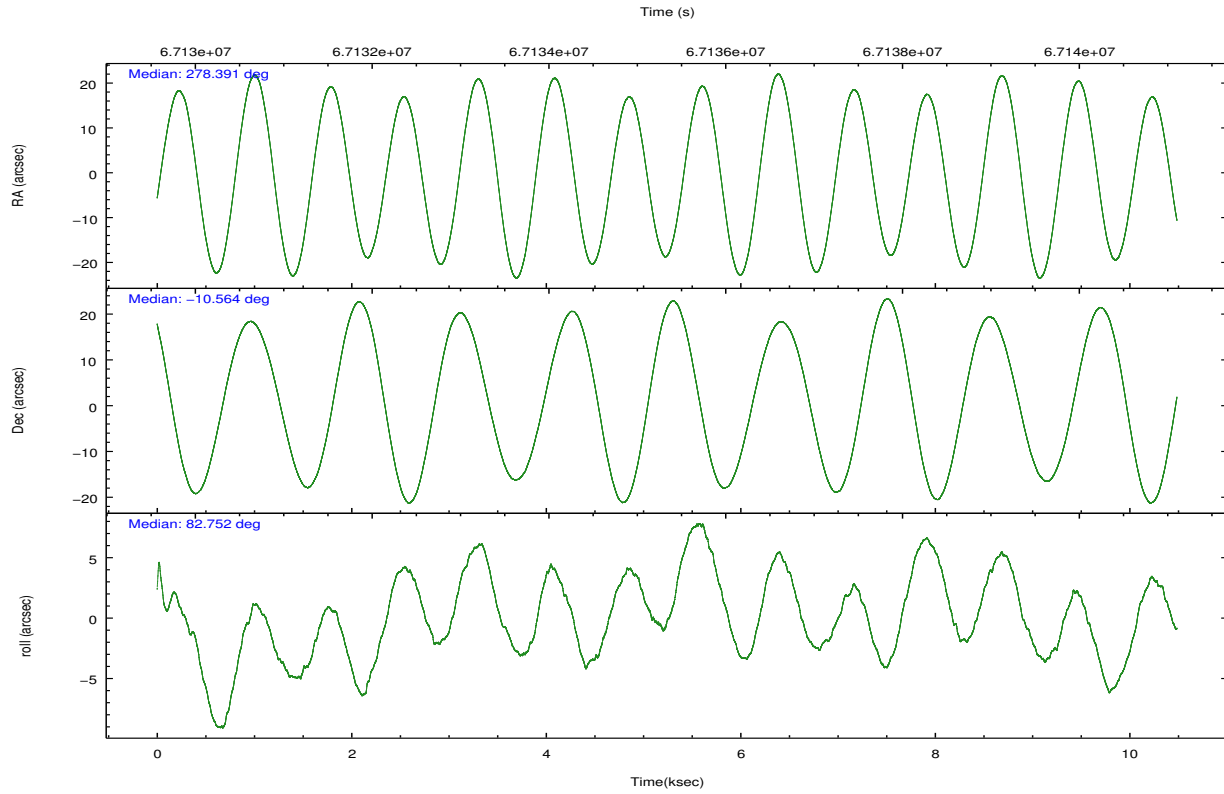
2.2 Compared Parameters

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	278.402886	278.3906363487001
[deg] Pointing Dec	-10.589699	-10.56368125269695
[deg] Pointing Roll	82.688351	82.75342903591338
[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)	67130580.184000	67129914.120442
Observation start date	2000-02-16T23:21:56	2000-02-16T23:11:54
[s] Observation end time (MET)	67140580.184000	67141535.058366
Observation end date	2000-02-17T02:08:36	2000-02-17T02:25:35

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

2.3 Aspect



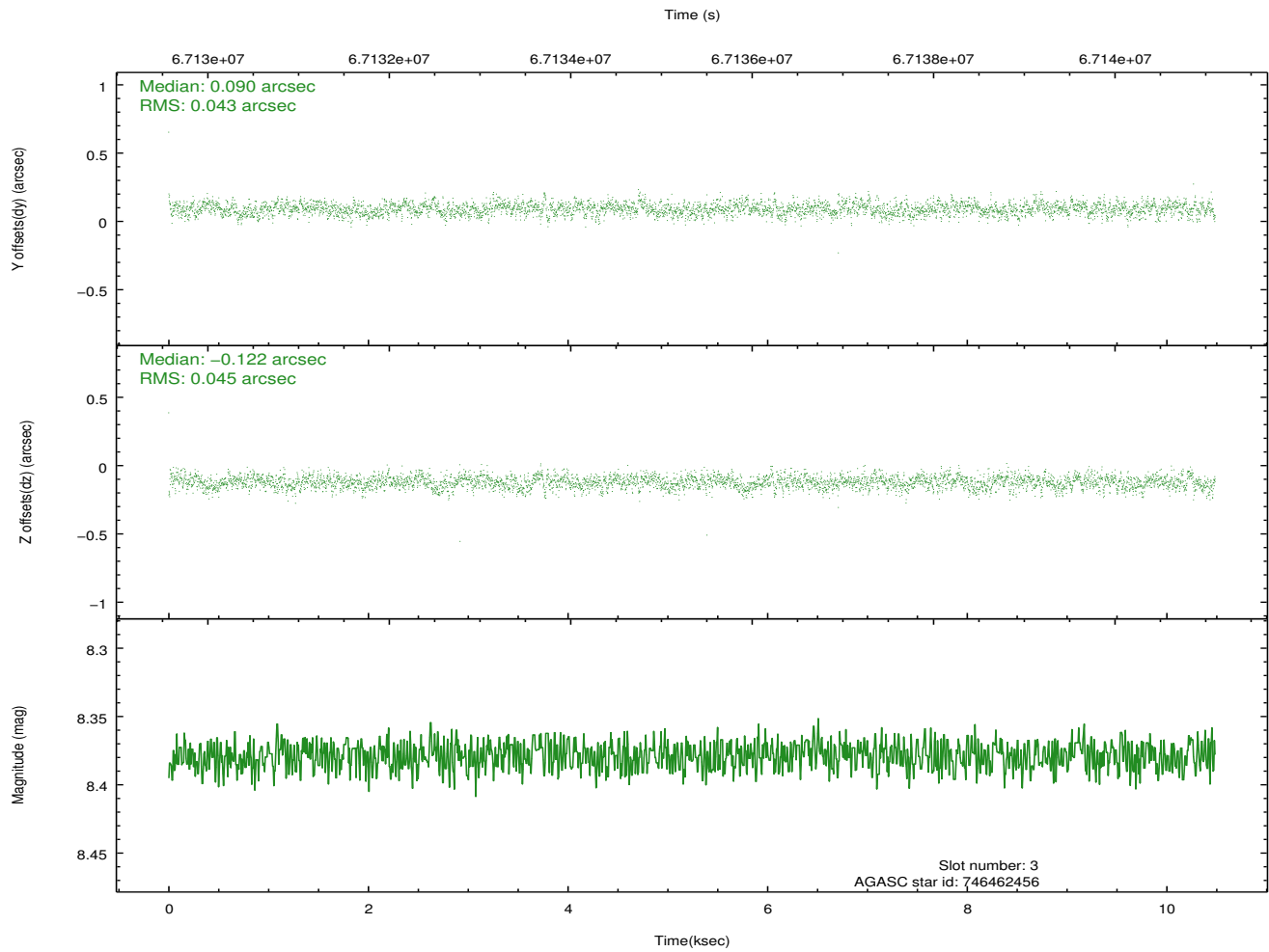
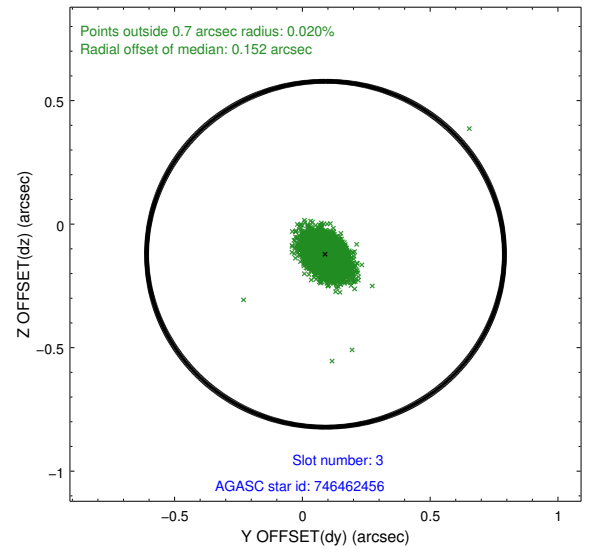
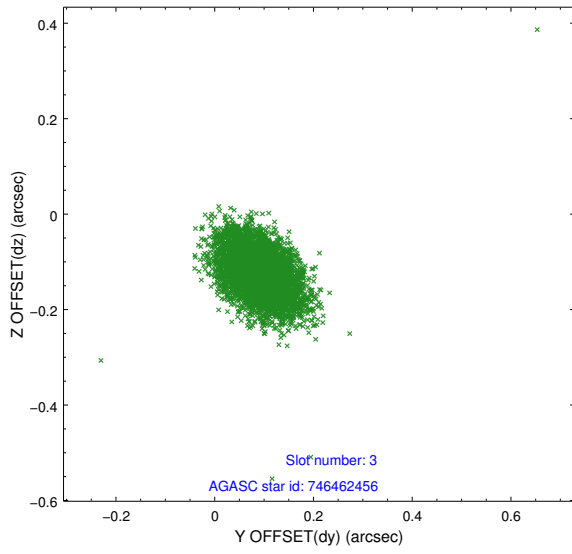


Slot Statistics

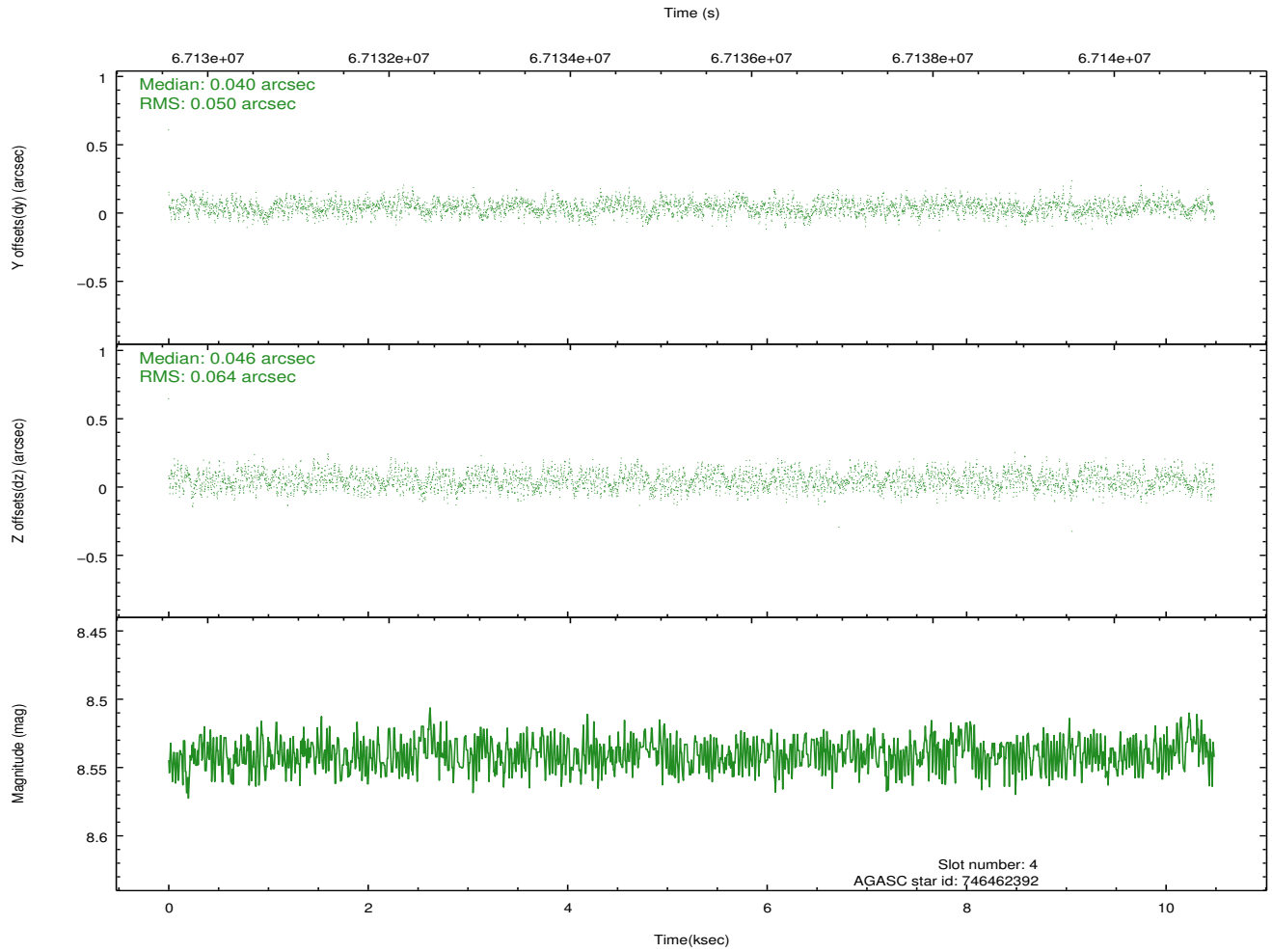
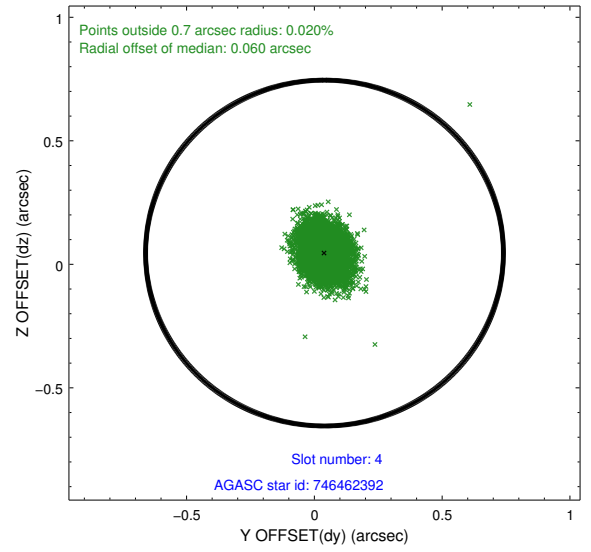
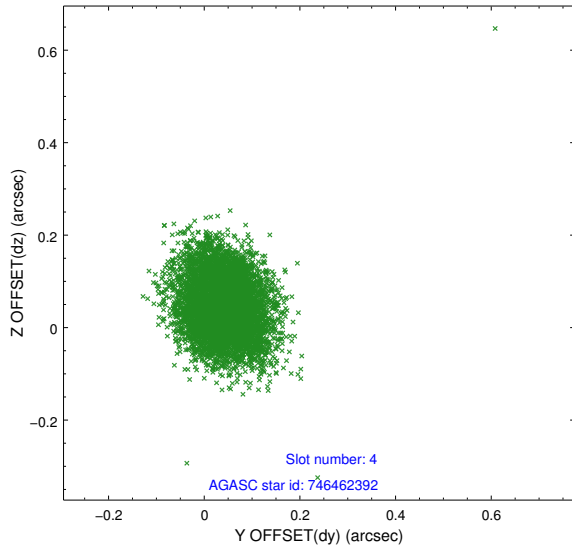
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	2558	0.127	-0.124	0.007	0.012	0.000000	0.000000	-1154.99	-452.94
1	FID	HRC-S-3	7.01	2558	0.165	-0.074	0.009	0.016	0.000000	0.000000	-1158.10	576.46
2	FID	HRC-S-4	6.96	2557	0.095	-0.099	0.006	0.013	0.000000	0.000000	1242.81	579.35
3	GUIDE	746462456	8.38	5115	0.090	-0.122	0.062	0.107	278.652171	-10.530173	325.10	-847.75
4	GUIDE	746462392	8.54	5112	0.040	0.046	0.086	0.136	279.038421	-10.890715	-790.60	-2366.55
5	GUIDE	746460272	8.93	5113	-0.141	0.030	0.082	0.135	278.847488	-10.152127	1762.14	-1362.53
6	GUIDE	746461728	9.77	5110	0.011	0.046	0.103	0.169	278.986921	-10.530755	472.55	-2023.48
7	UNUSED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00

2.4 Star Slots

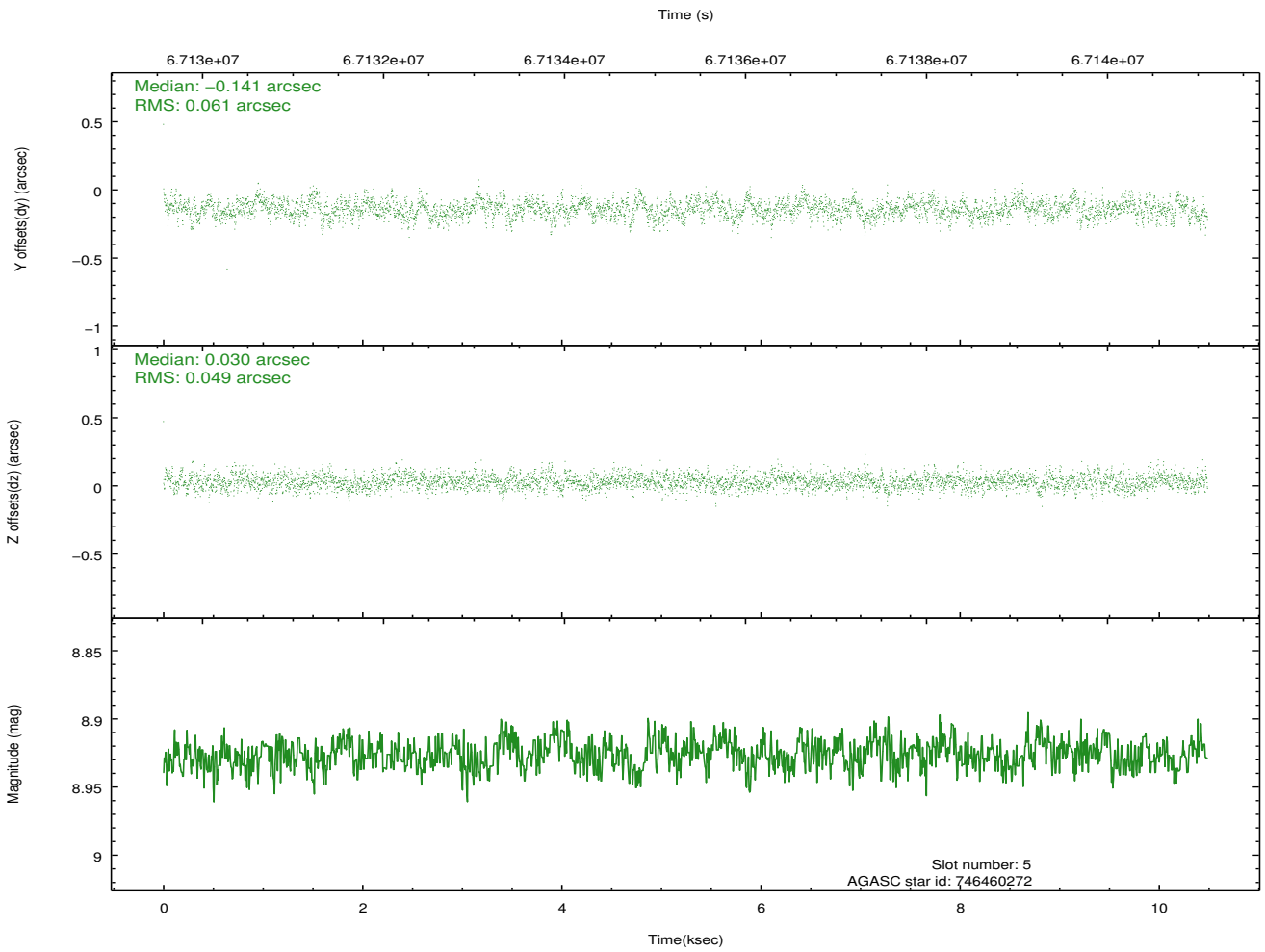
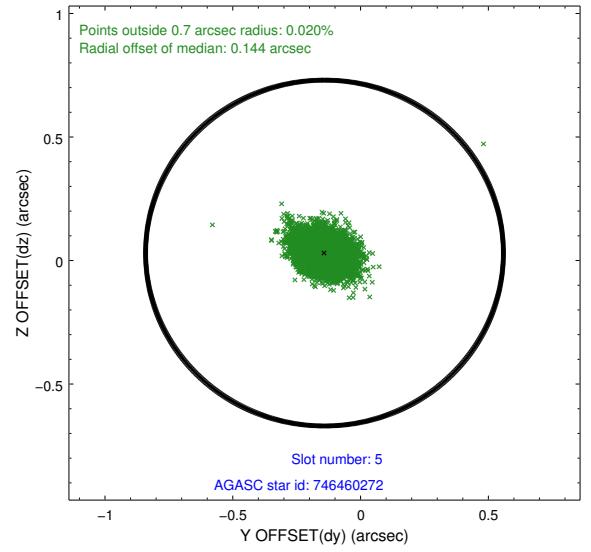
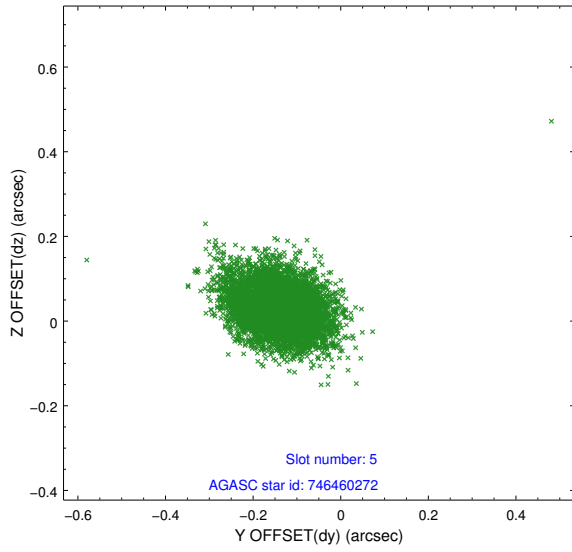
2.4.1 Slot 3



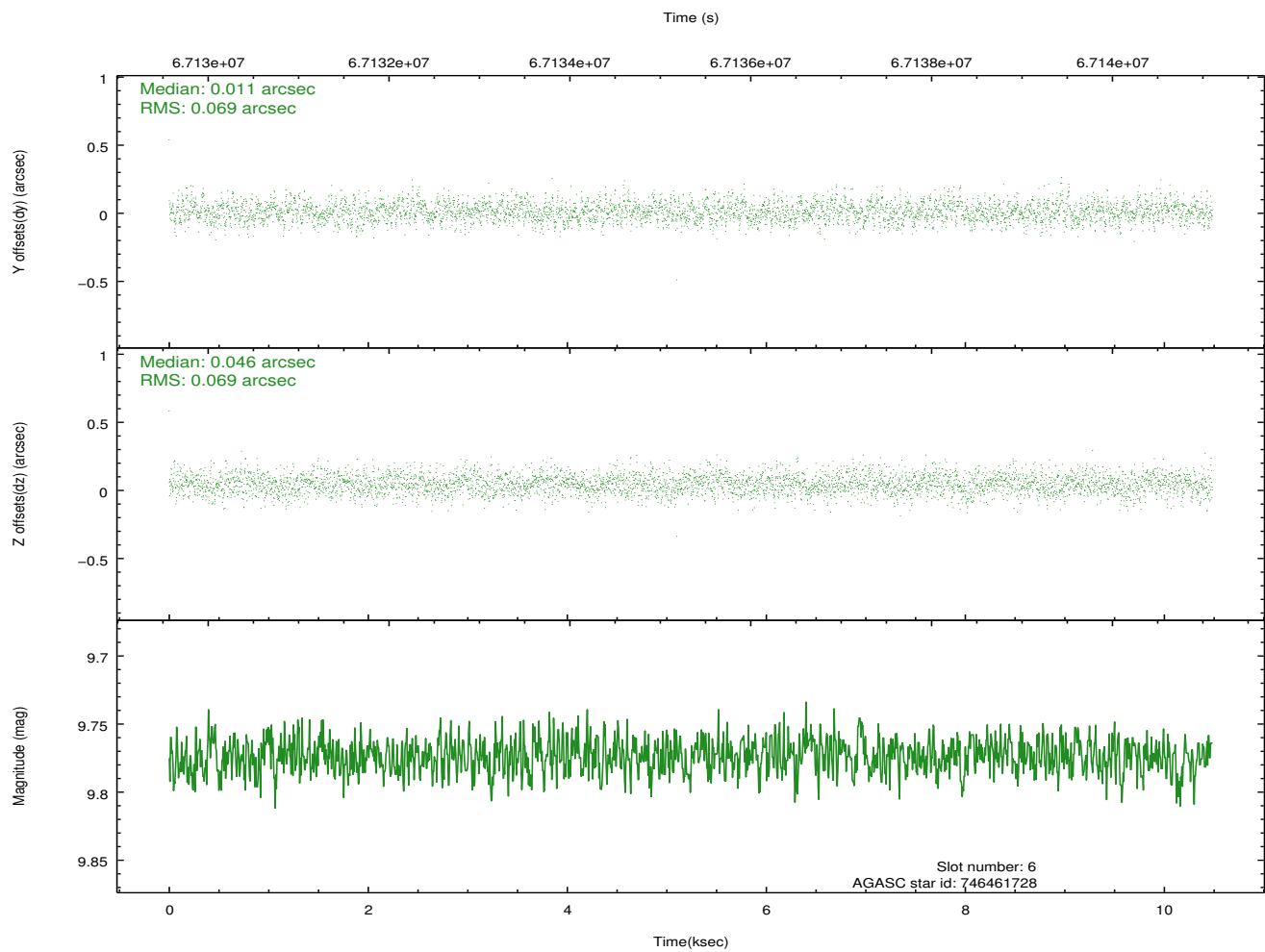
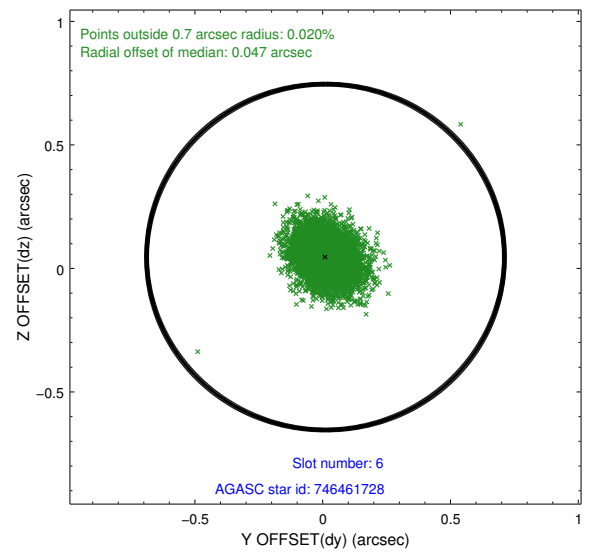
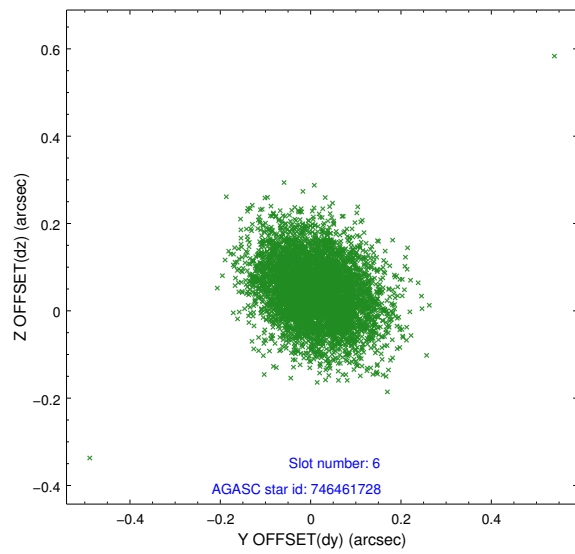
2.4.2 Slot 4



2.4.3 Slot 5

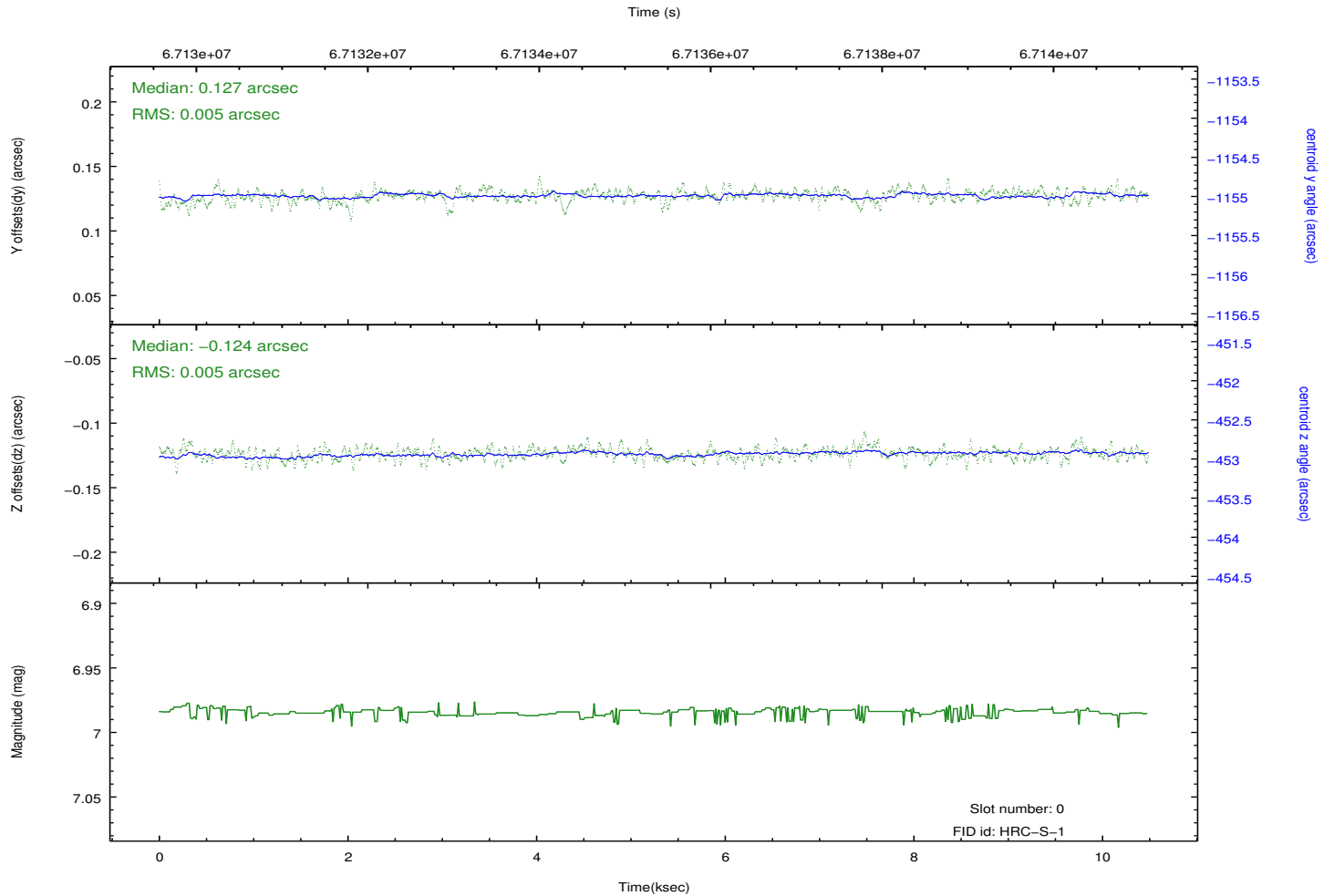
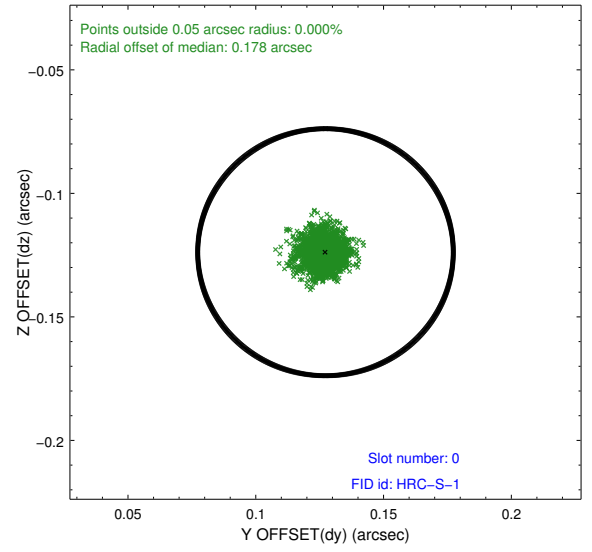
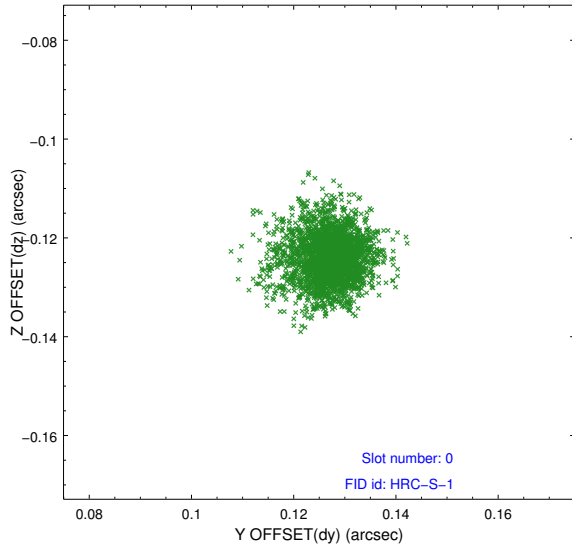


2.4.4 Slot 6

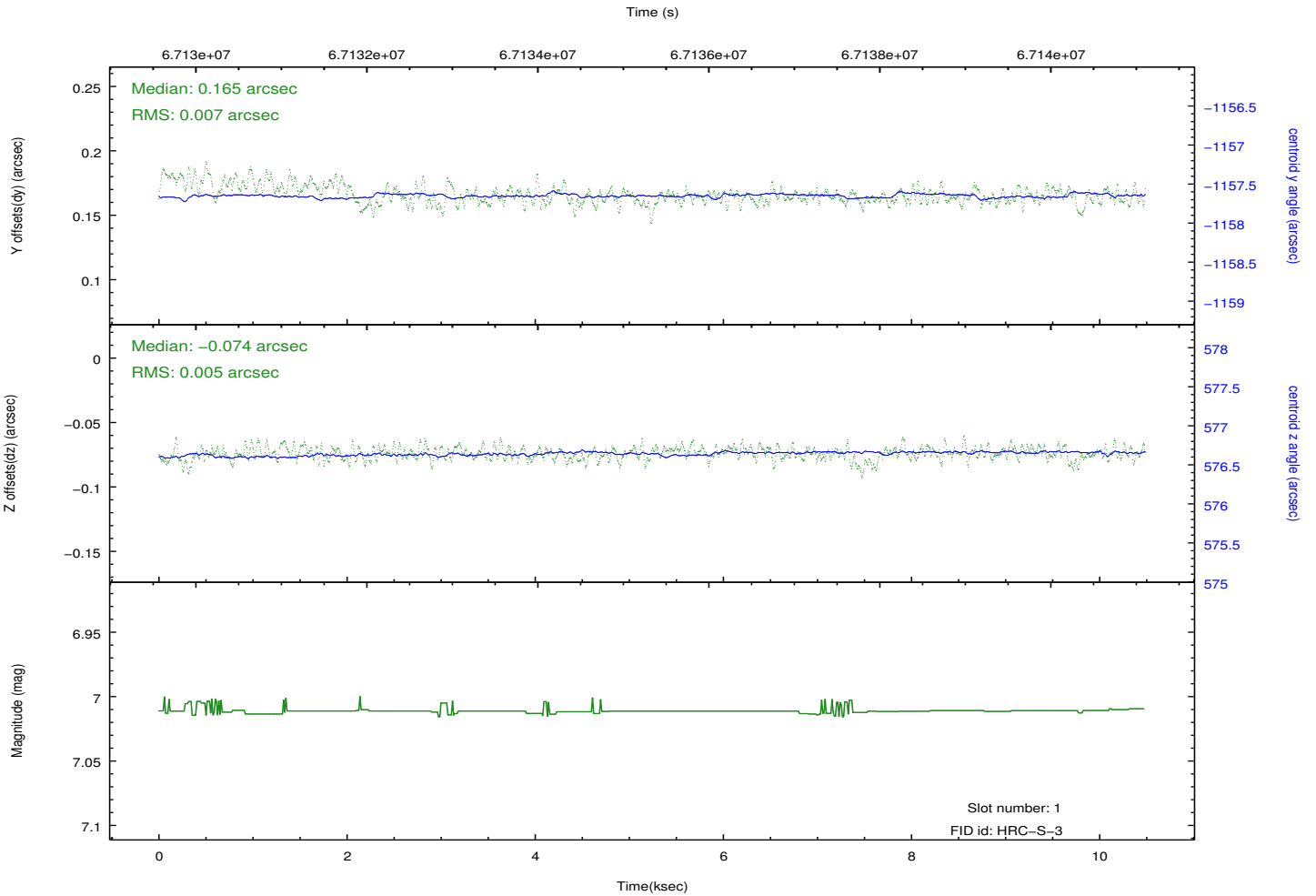
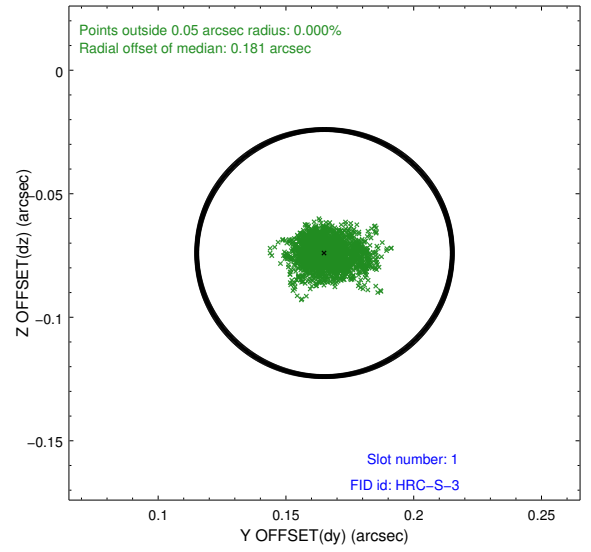
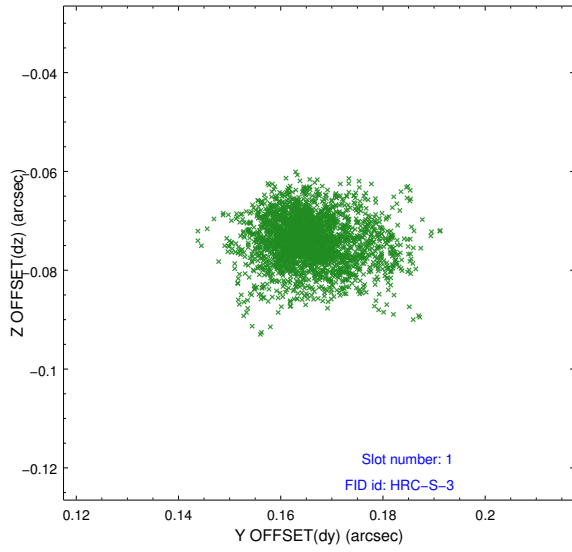


2.5 FID Slots

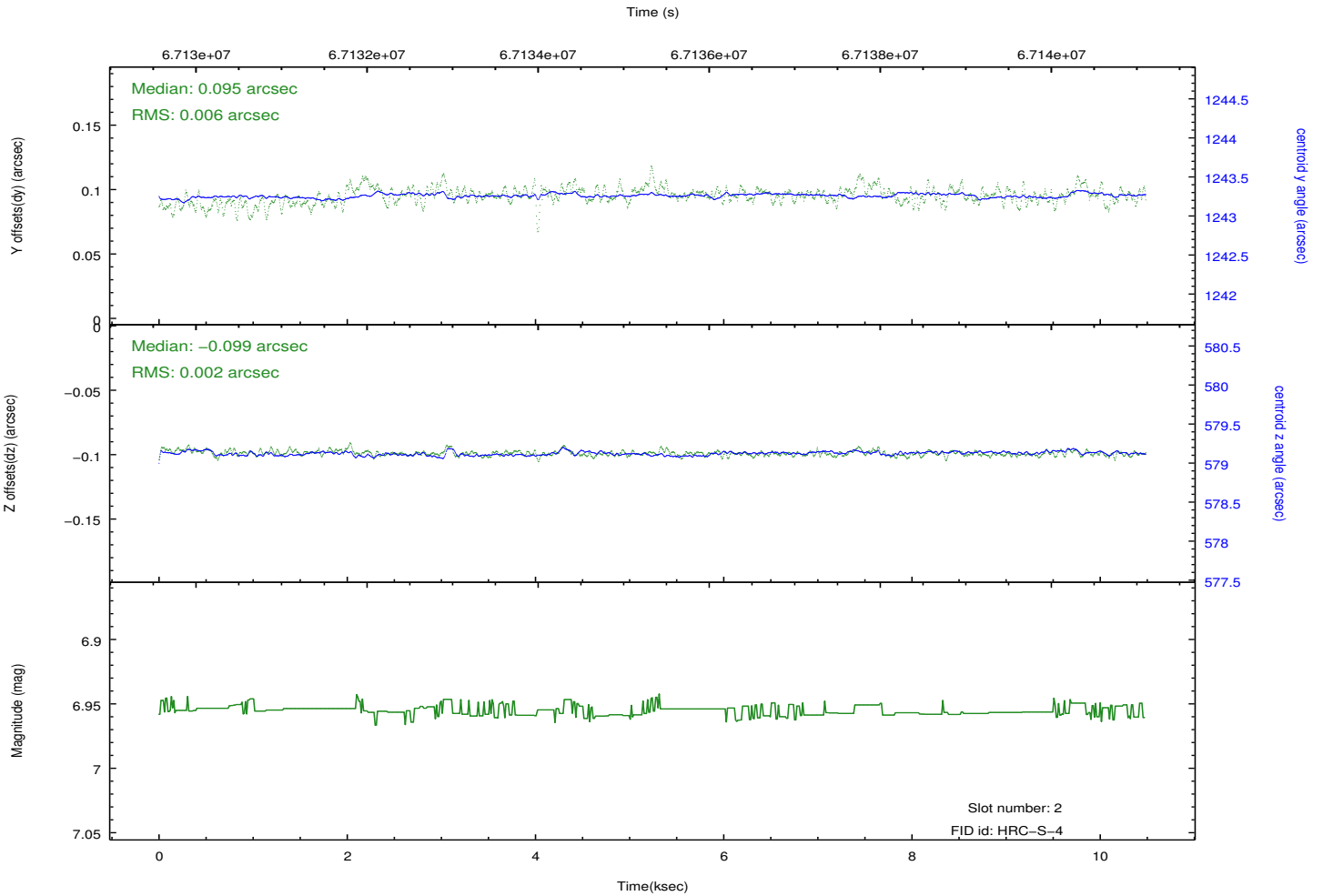
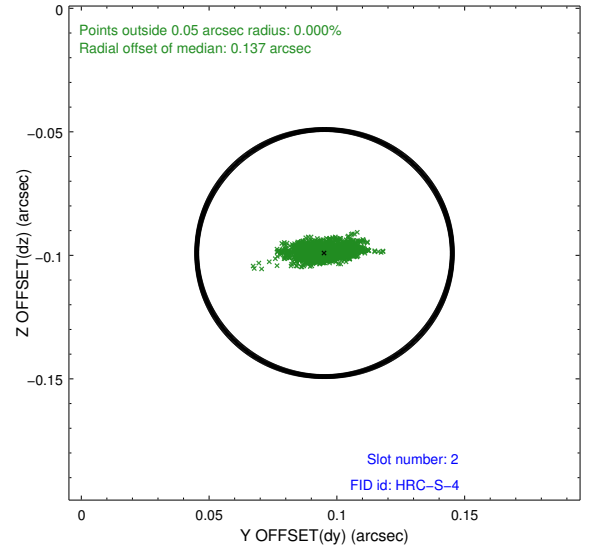
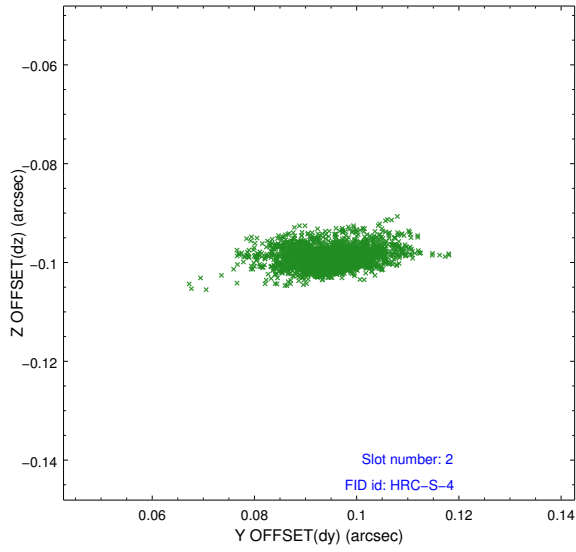
2.5.1 Slot 0



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)	2012.08.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.48

A.2 Comments

Charge time for this ObsId remains at previous value of 10.48 ks although with the current processing the charge time would have been 10.41 ksec.