

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8278 - L2 Version 4
Chandra X-Ray Center

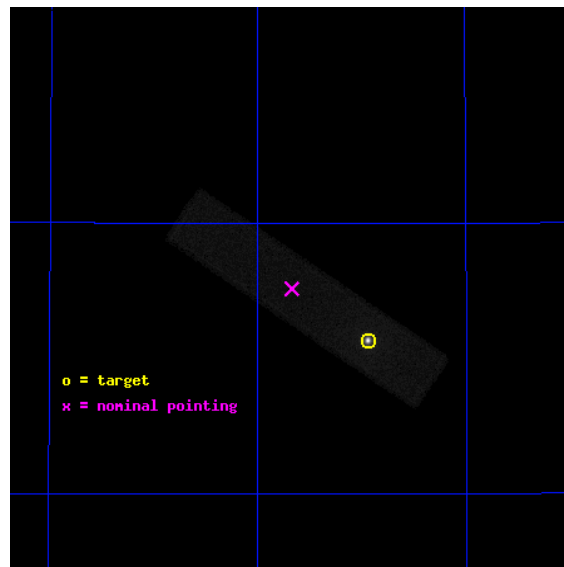
L2 Processing Date : Aug 11 2012

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1 Front

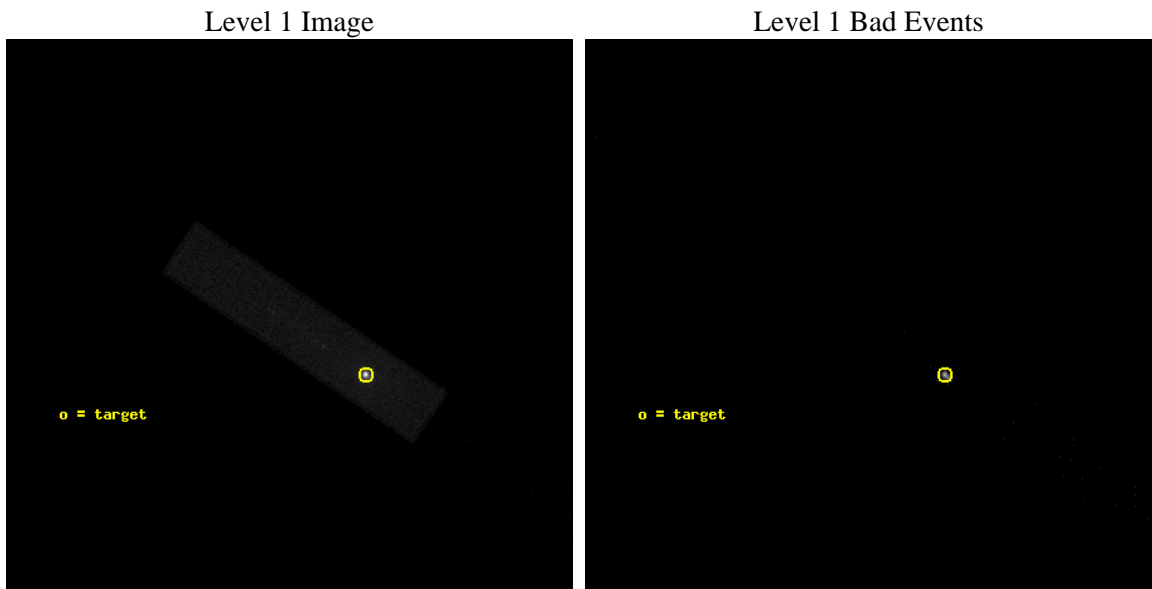
seq_num	290657	Sequence number
obs_id	8278	Observation id
title	AO8 Measurements of the optical/UV Transmission of the HRC Filters.	
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.41793567608	Nominal RA [deg]
dec_nom	38.879166389148	Nominal Dec [deg]
roll_nom	33.745794103603	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2159.9313524365	[s]
livetime	1697.6403423096	Ontime multiplied by DTCOR
l2events	376484	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	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2159.9313524365	[s]
caldsver	4.5.1.1	 	l1events	453353	Number of level 1 events
date	2012-08-11T19:02:19	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

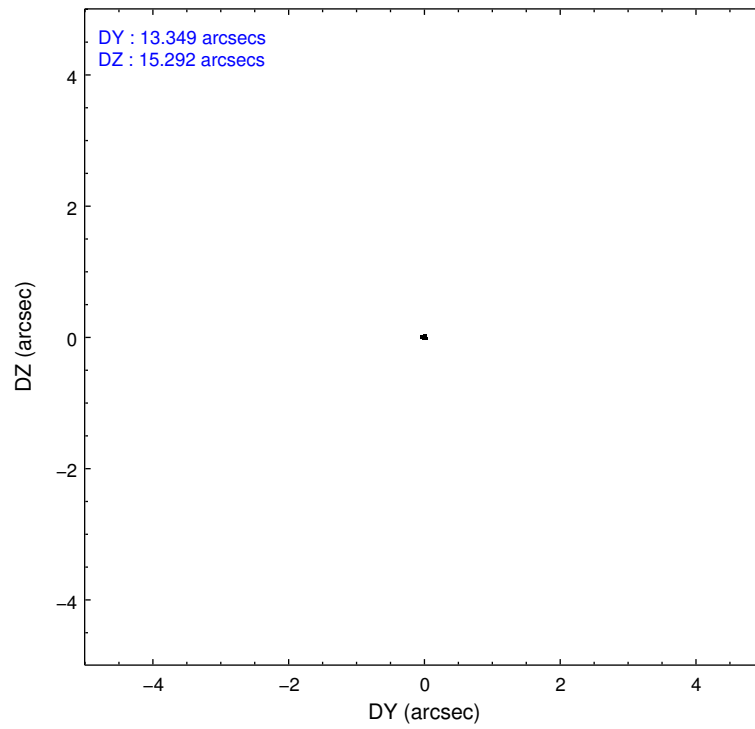
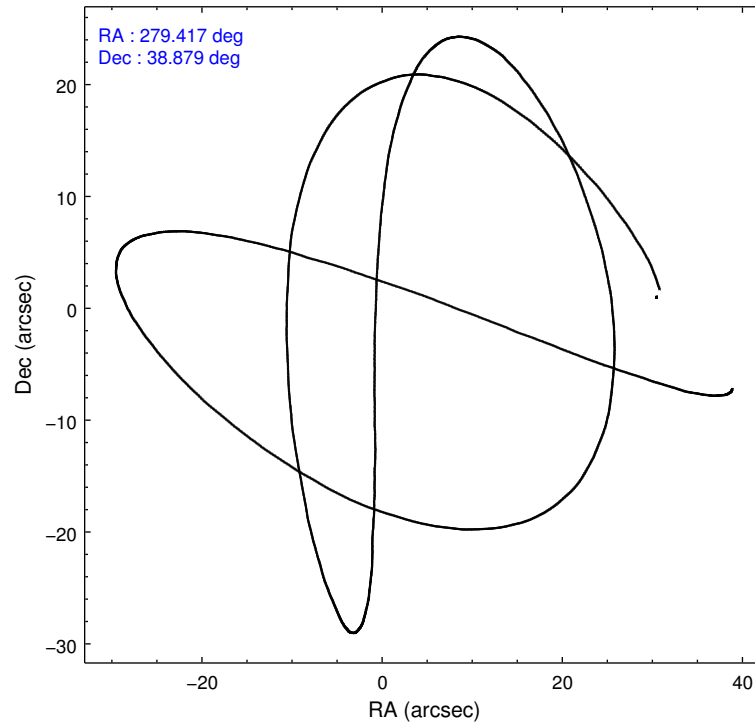
	segment 1	segment 2	segment 3
level 1 events	6120	445964	1269
rejected events	6120	47718	1243
rejected %	100%	10%	97%

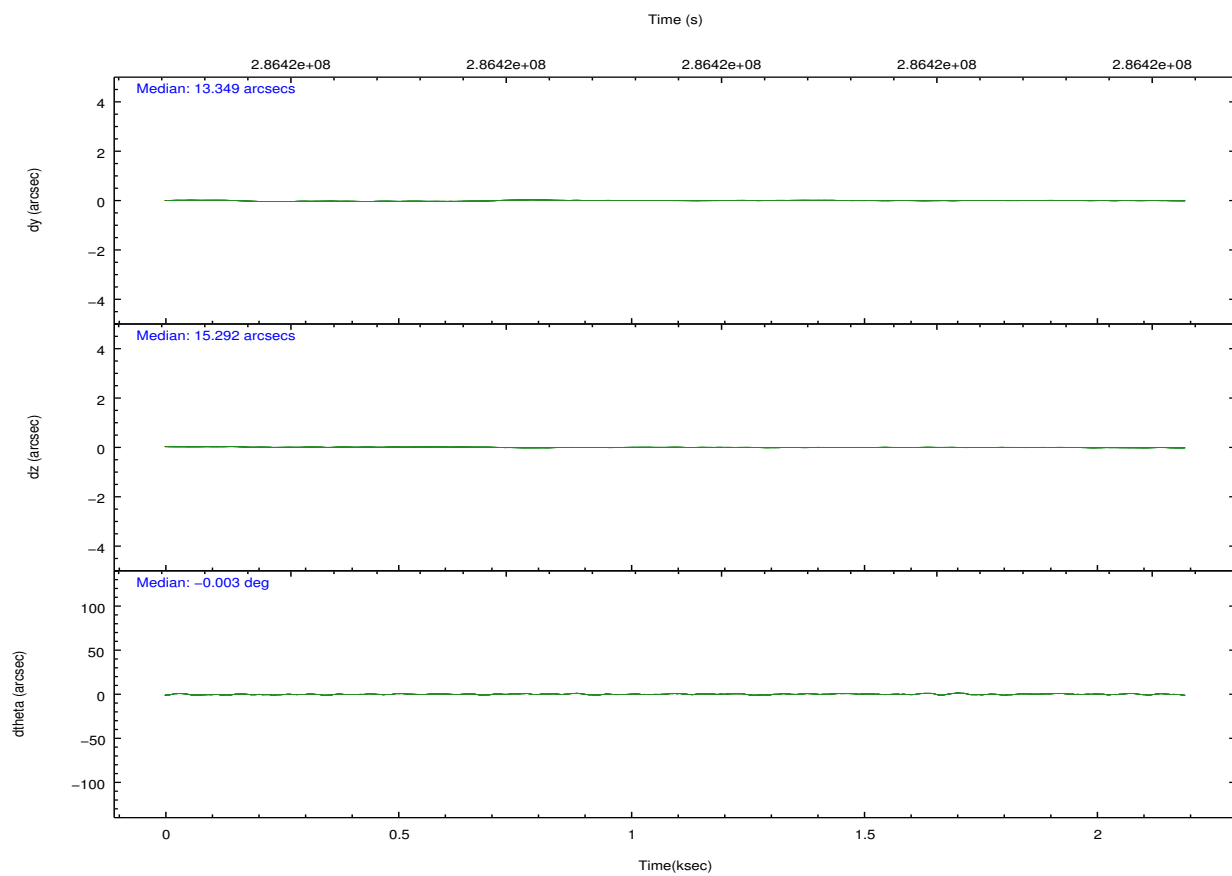
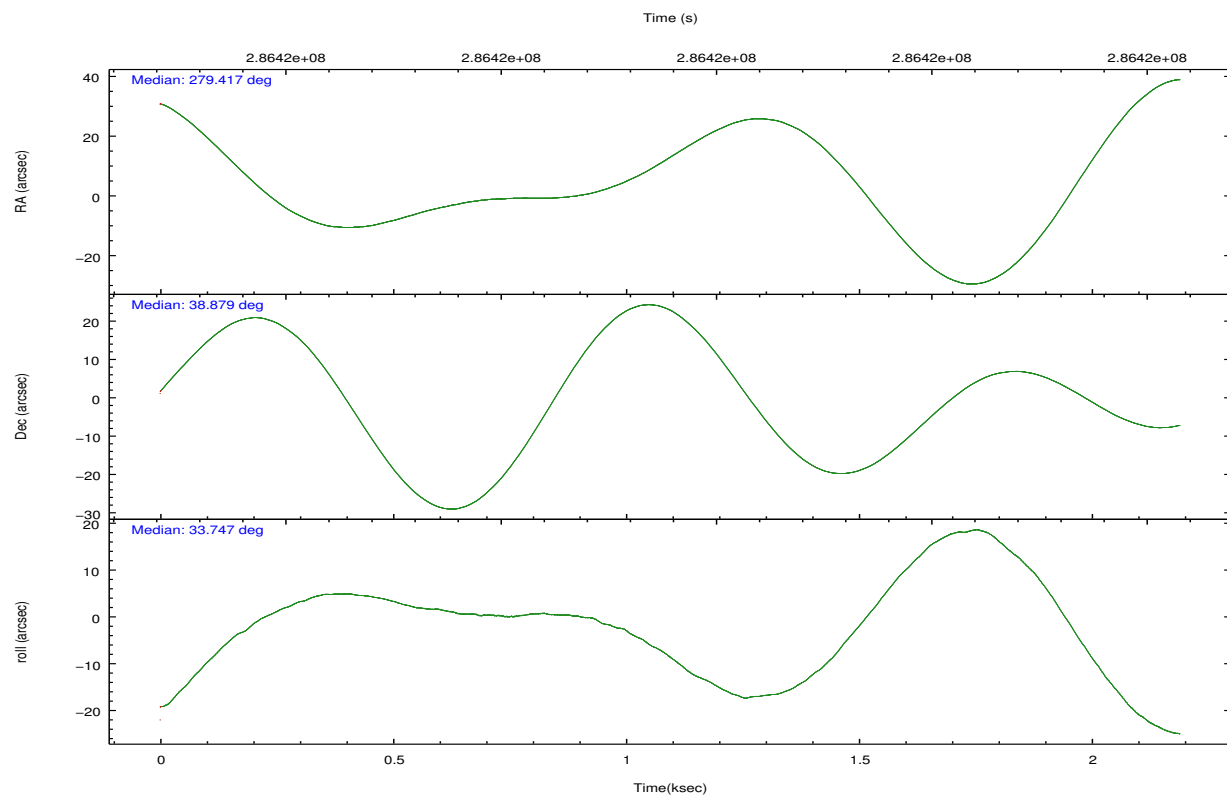
2.2 Compared Parameters

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	279.403417	279.4179356760758
[deg] Pointing Dec	38.852583	38.8791663891483
[deg] Pointing Roll	33.687579	33.74579410360325
[s] Window start time (MET)	281318465.184000	281318465.184000
[s] Window stop time (MET)	289008065.184000	289008065.184000
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	286422493.184000	286422117.09502
Observation start date	2007-01-29T01:47:08	2007-01-29T01:41:57
[s] Observation end time (MET)	286424493.184000	286424626.80764
Observation end date	2007-01-29T02:20:28	2007-01-29T02:23:46

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

2.3 Aspect



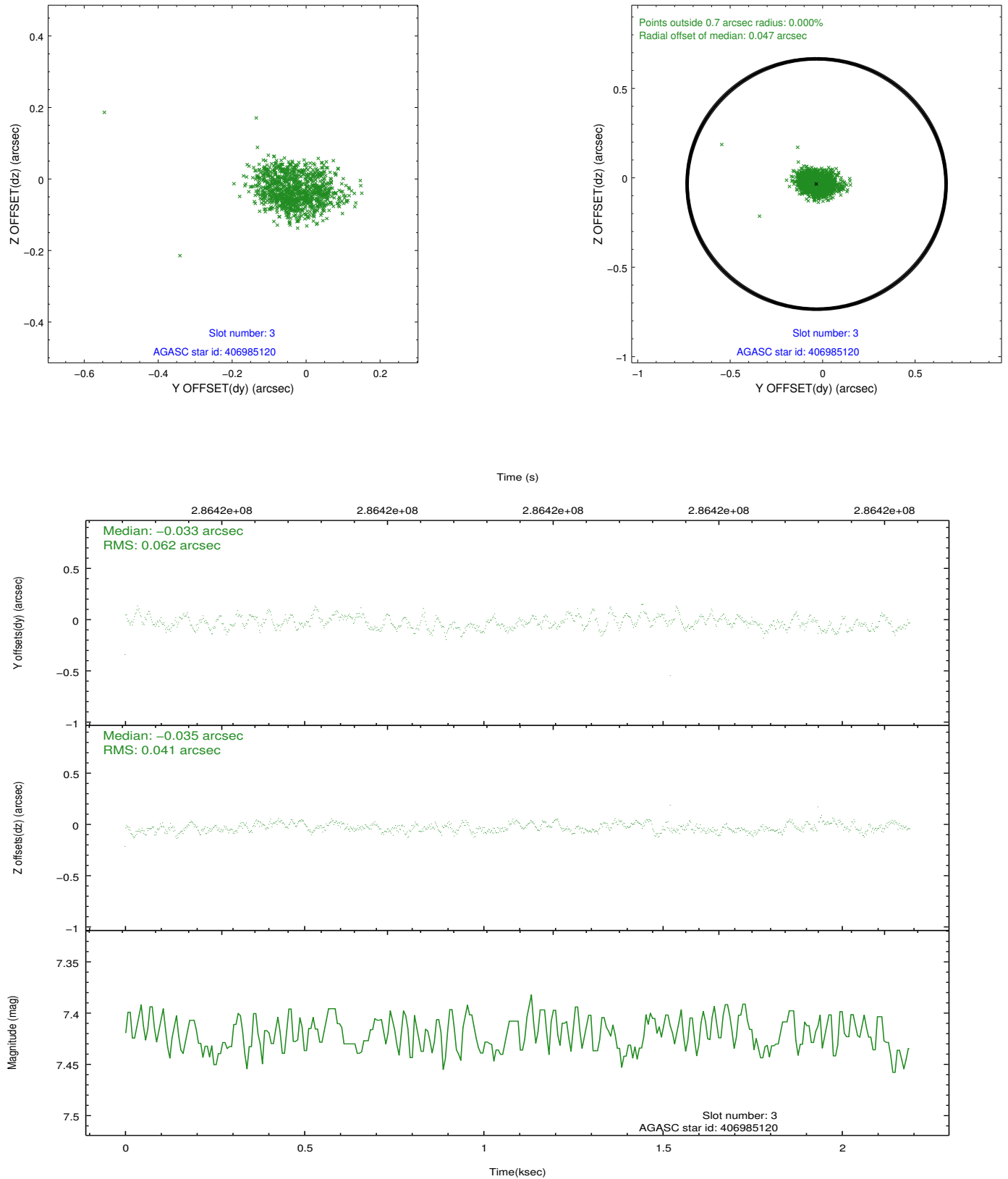


Slot Statistics

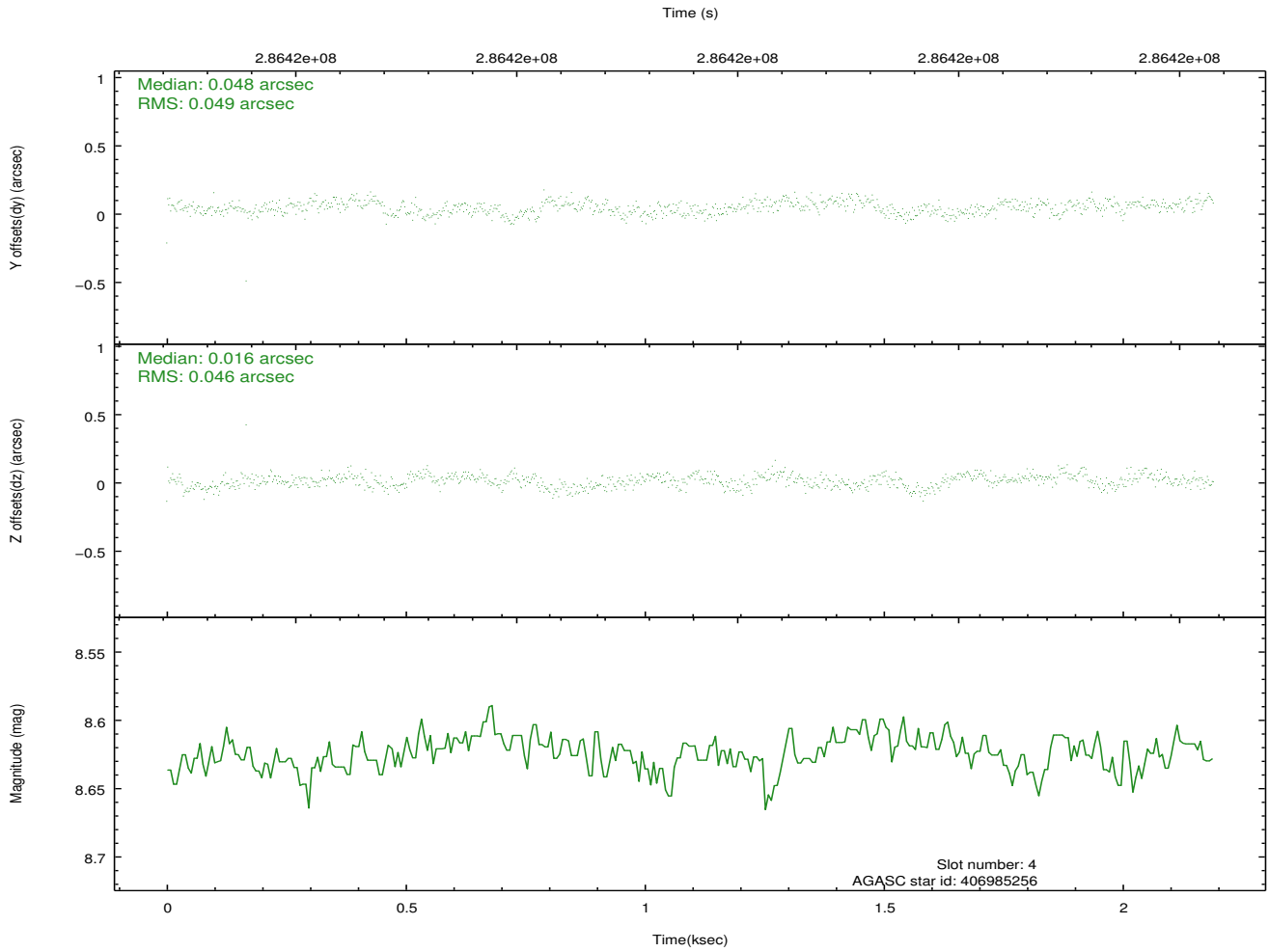
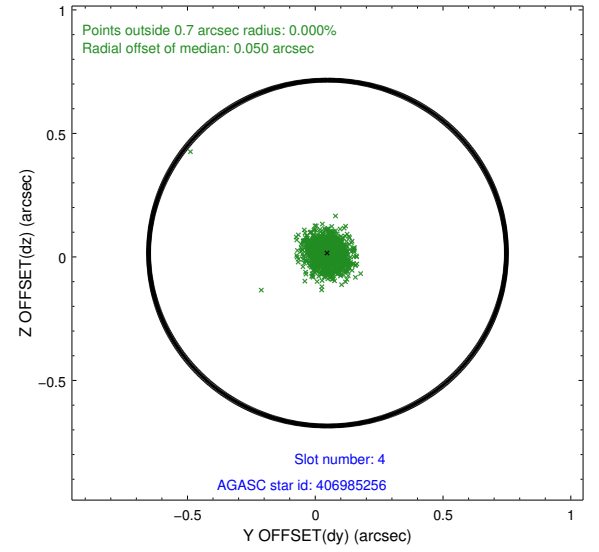
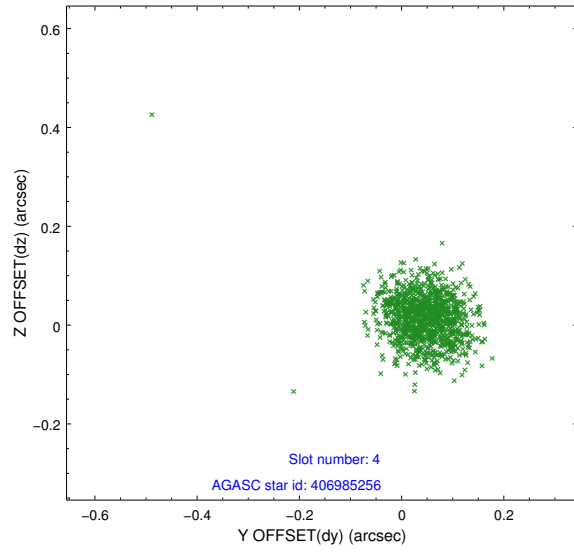
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.00	535	0.096	-0.203	0.006	0.012	0.000000	0.000000	-1167.68	-464.18
1	FID	HRC-S-2	6.98	535	0.186	-0.110	0.004	0.008	0.000000	0.000000	1229.89	-457.61
2	FID	HRC-S-3	6.99	535	0.108	0.010	0.007	0.012	0.000000	0.000000	-1168.08	564.70
3	GUIDE	406985120	7.42	1069	-0.033	-0.035	0.077	0.121	278.839732	38.894839	-1227.23	1005.82
4	GUIDE	406985256	8.62	1068	0.048	0.016	0.069	0.108	278.693335	38.842203	-1674.36	1079.86
5	GUIDE	406989616	8.23	1069	0.154	0.090	0.076	0.125	279.202881	38.520843	-1133.61	-679.64
6	GUIDE	407513096	8.16	1069	-0.241	-0.027	0.059	0.094	279.928965	39.436841	2383.43	941.65
7	GUIDE	407521232	8.64	1067	0.069	-0.045	0.072	0.117	279.628883	39.431715	1680.72	1387.65

2.4 Star Slots

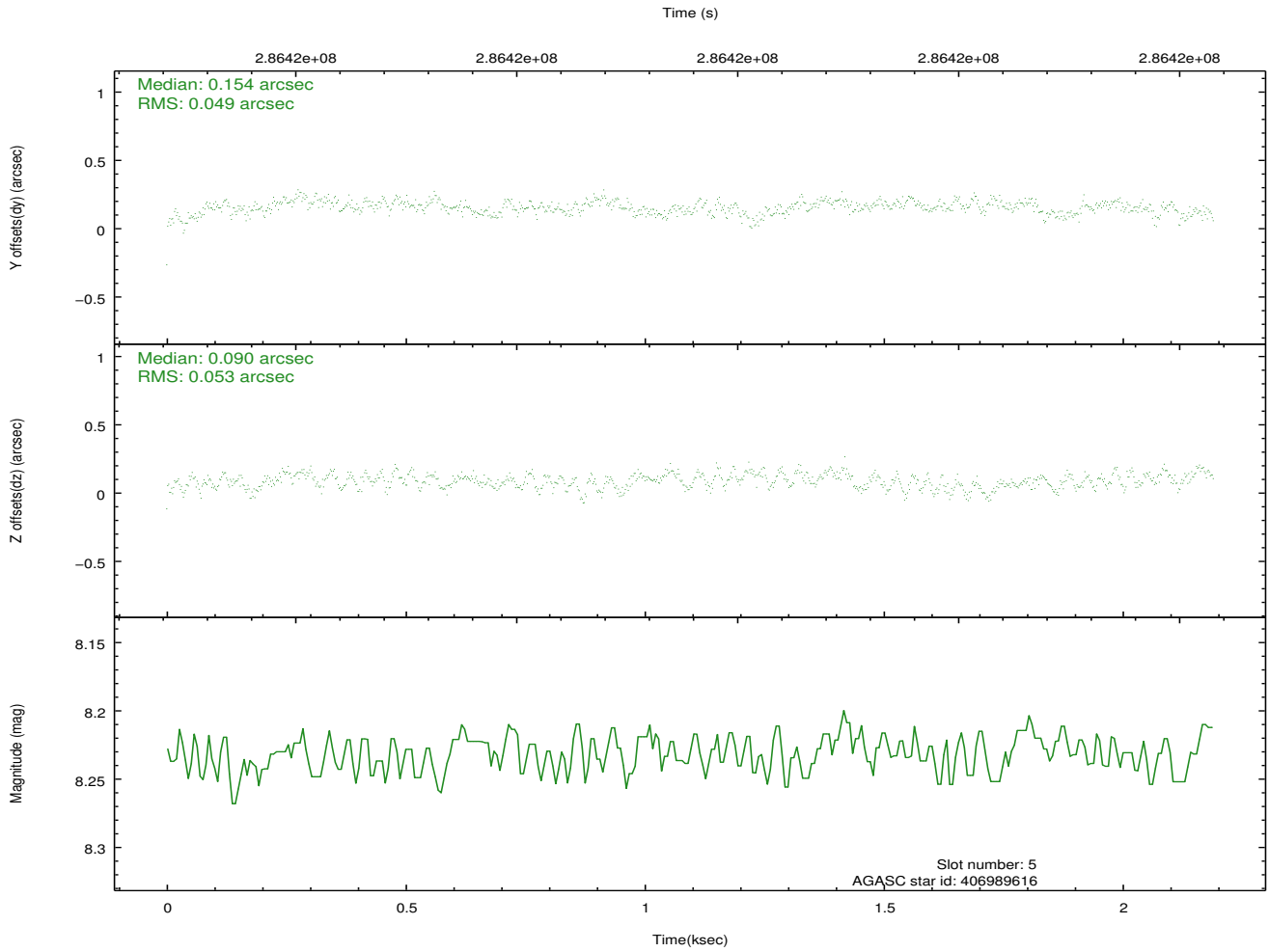
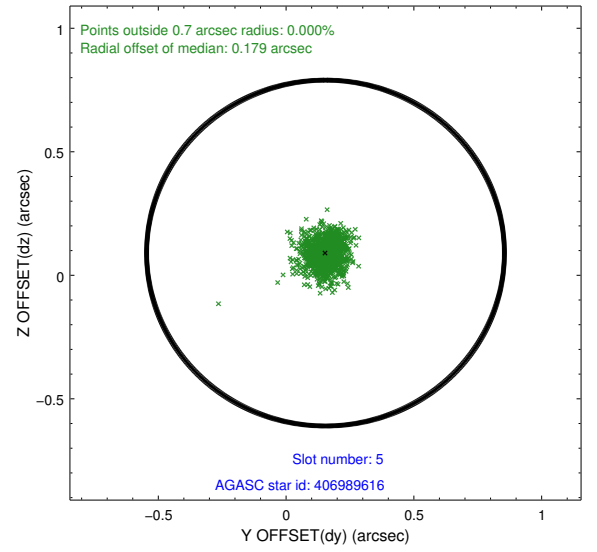
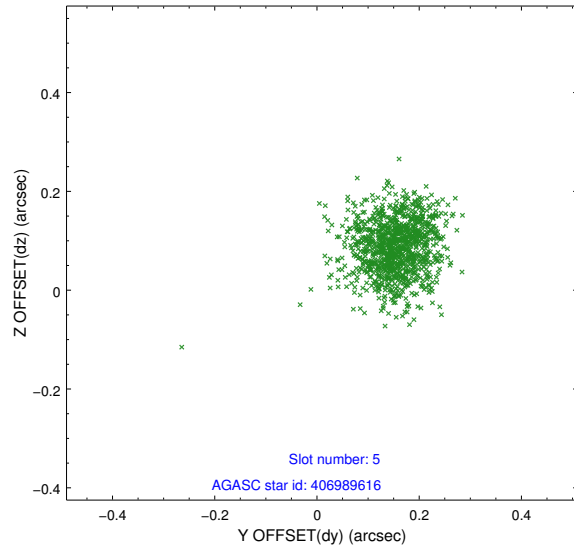
2.4.1 Slot 3



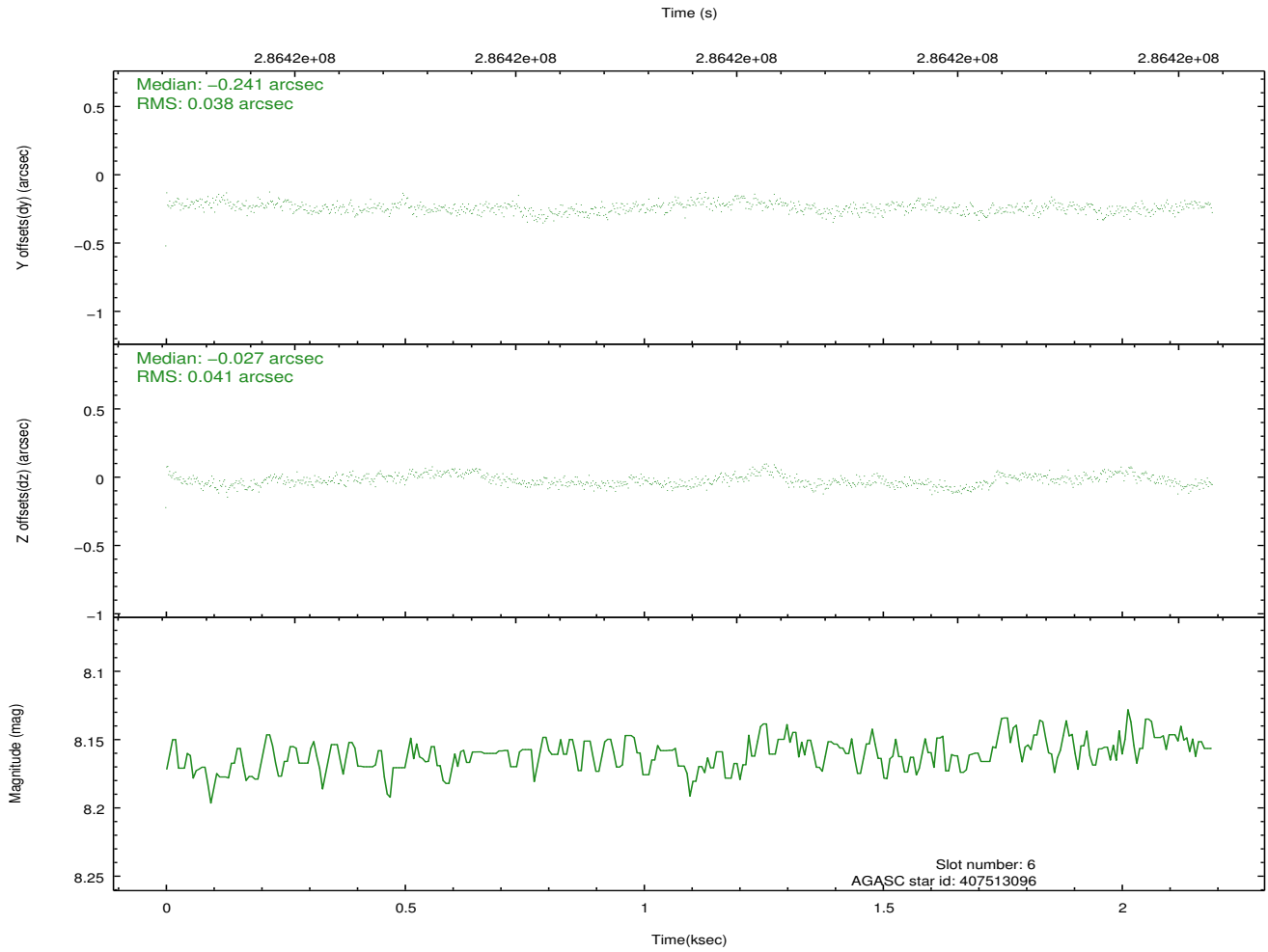
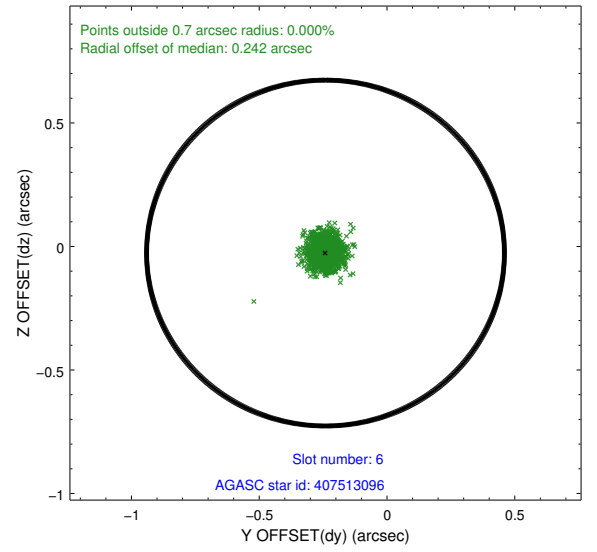
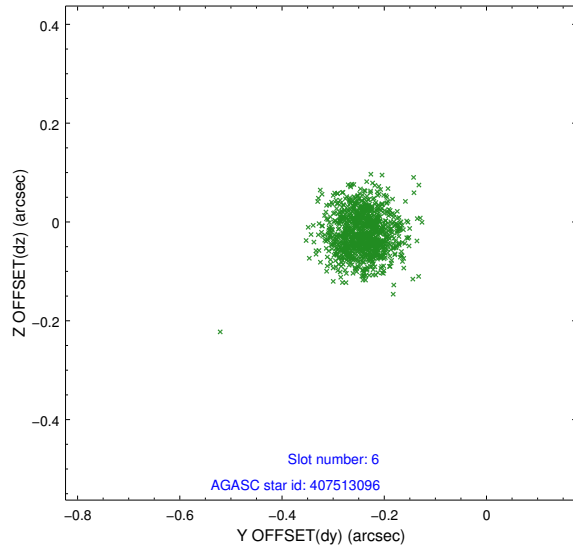
2.4.2 Slot 4



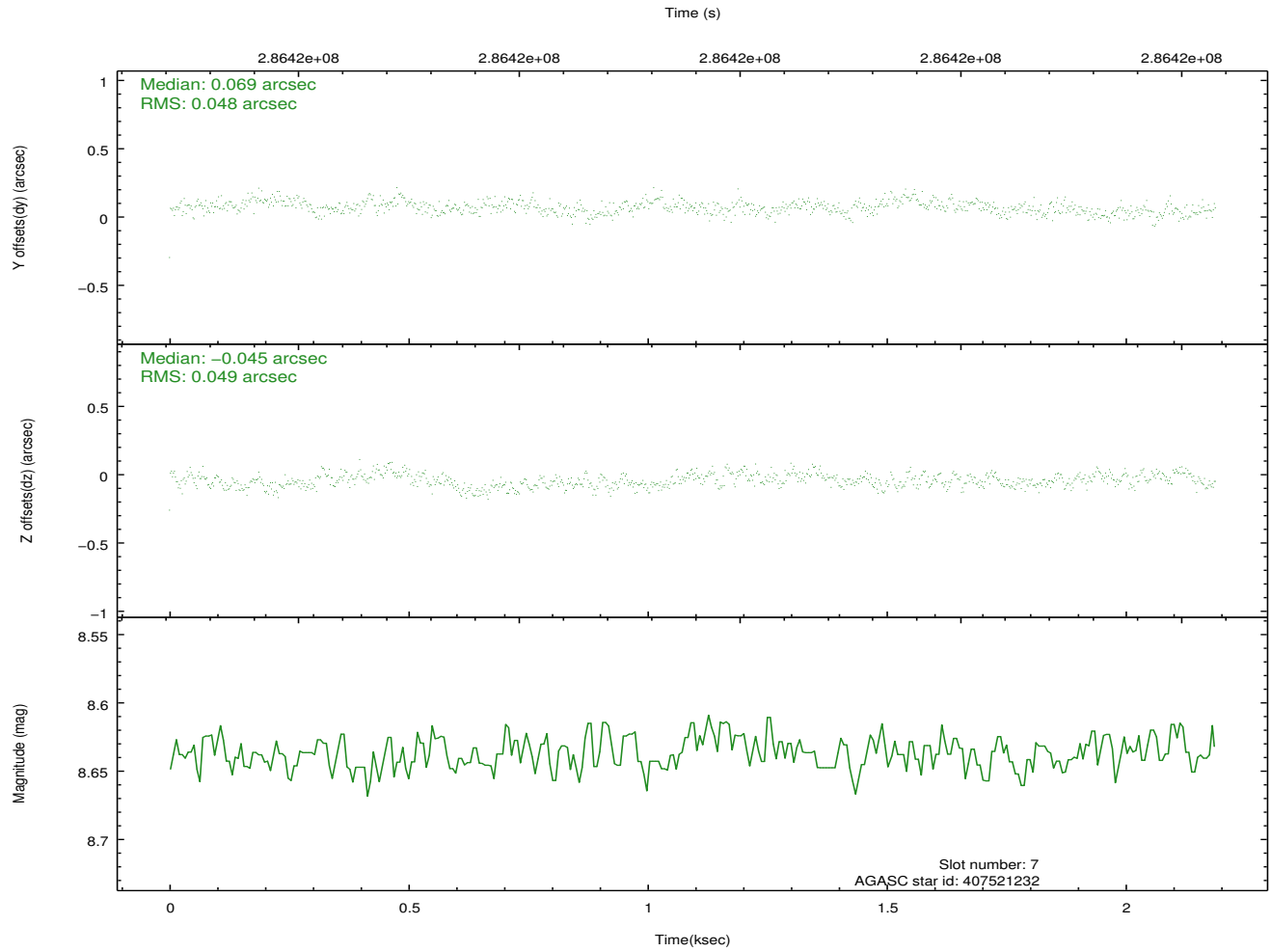
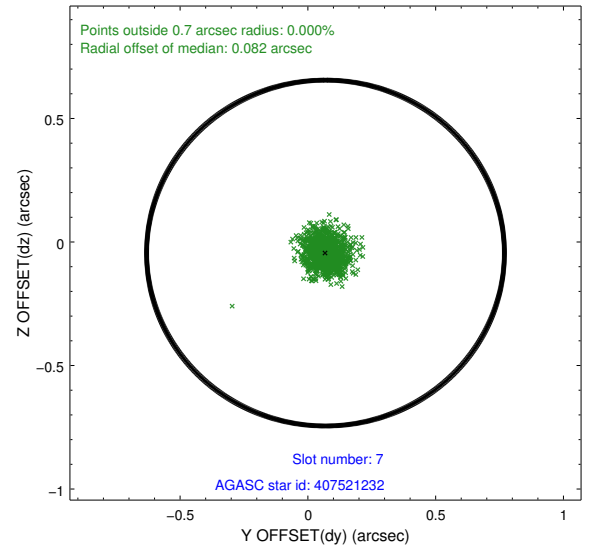
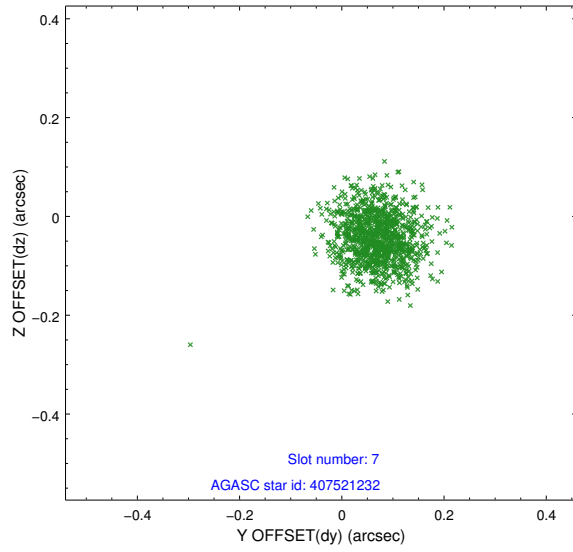
2.4.3 Slot 5



2.4.4 Slot 6

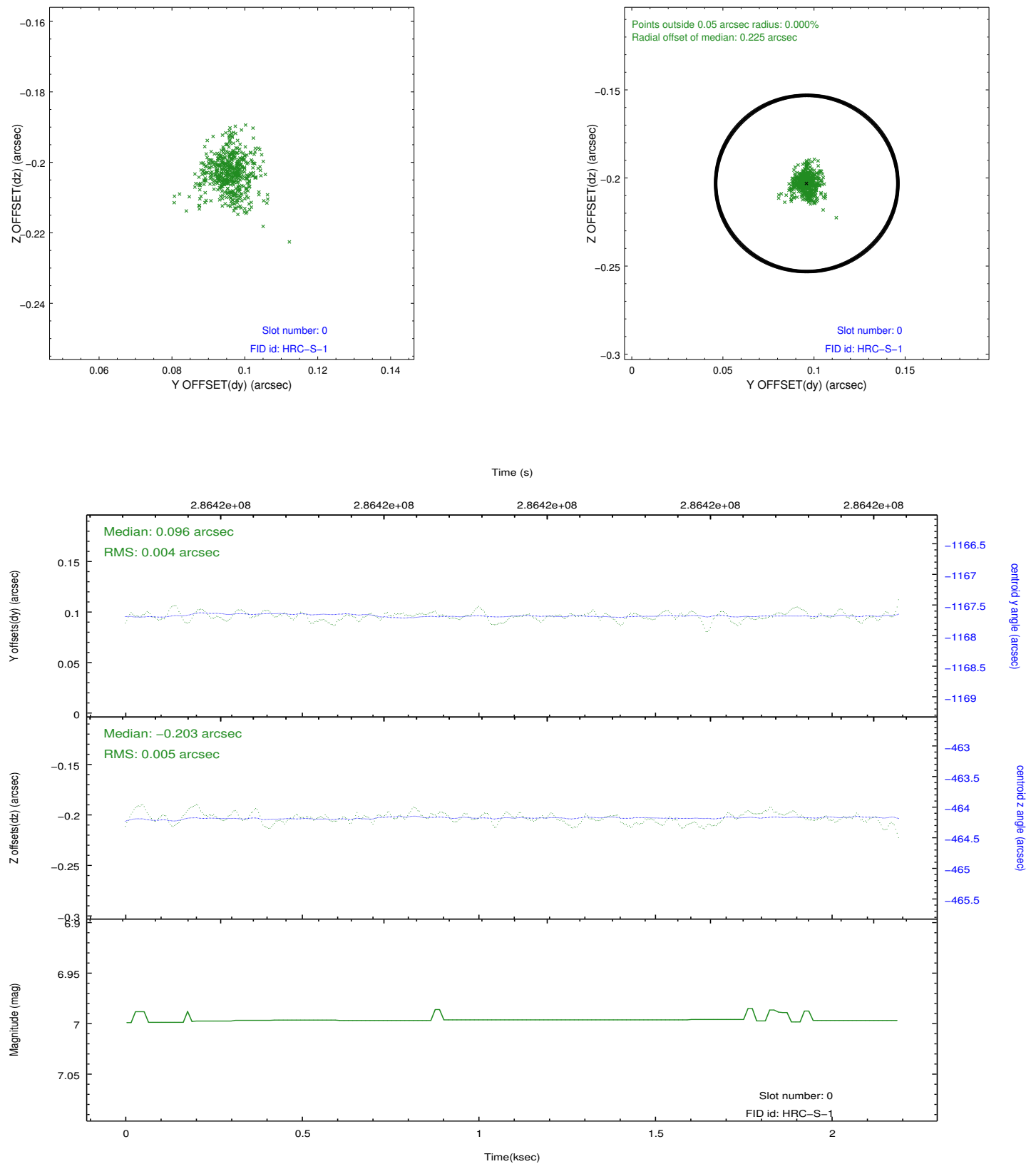


2.4.5 Slot 7

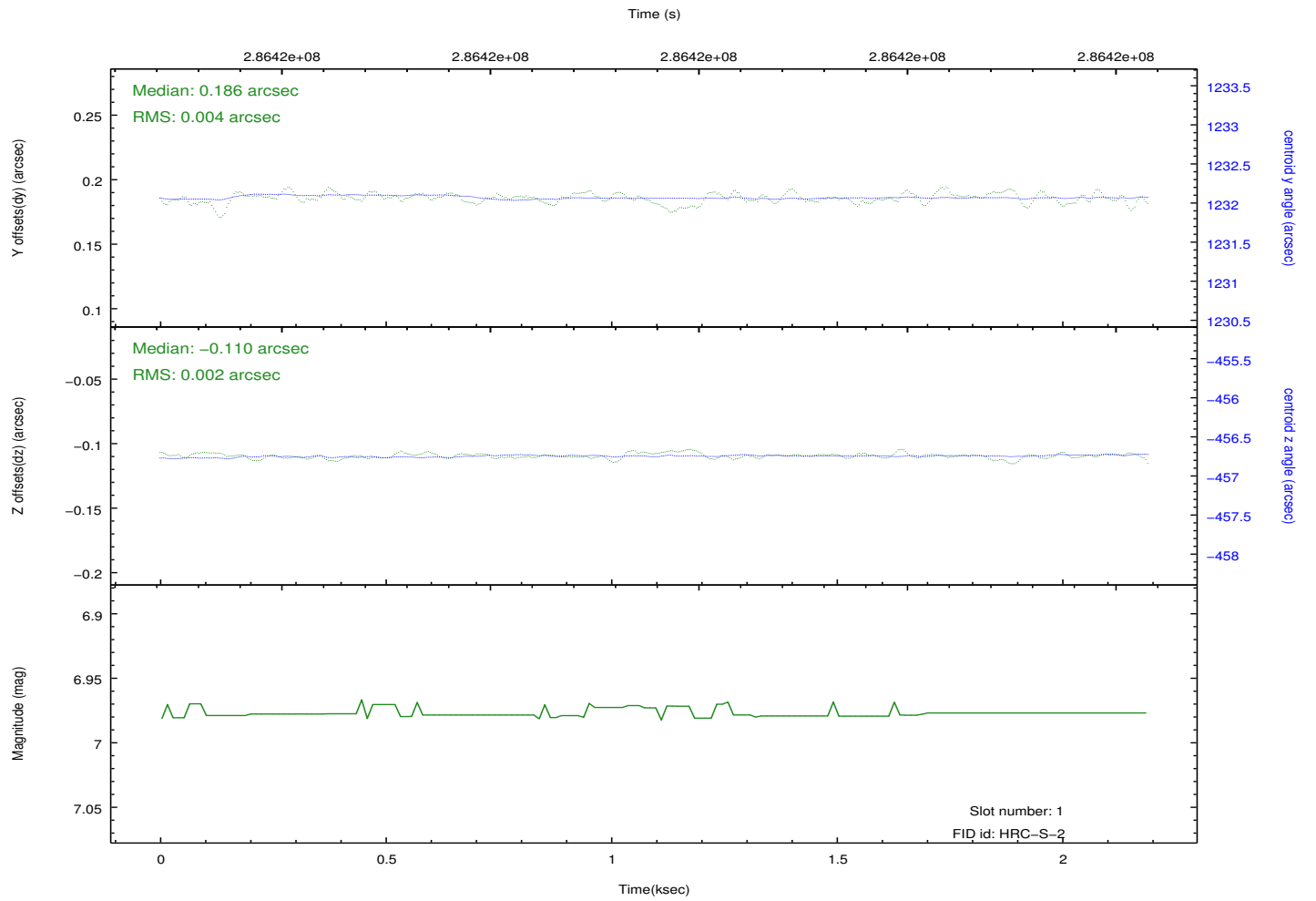
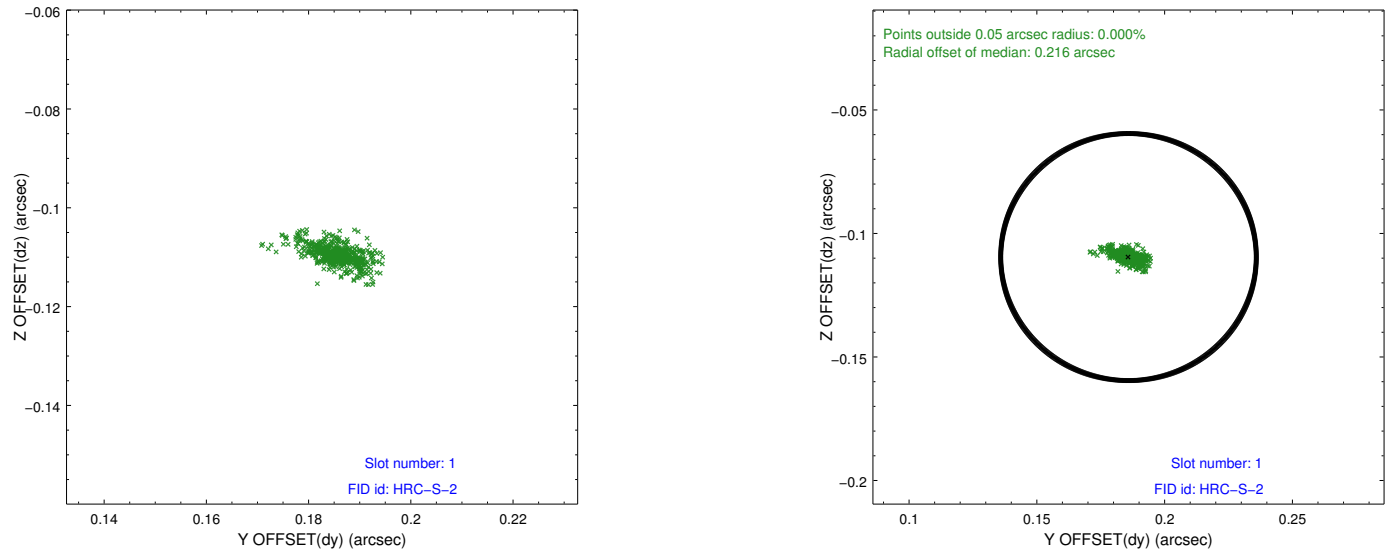


2.5 FID Slots

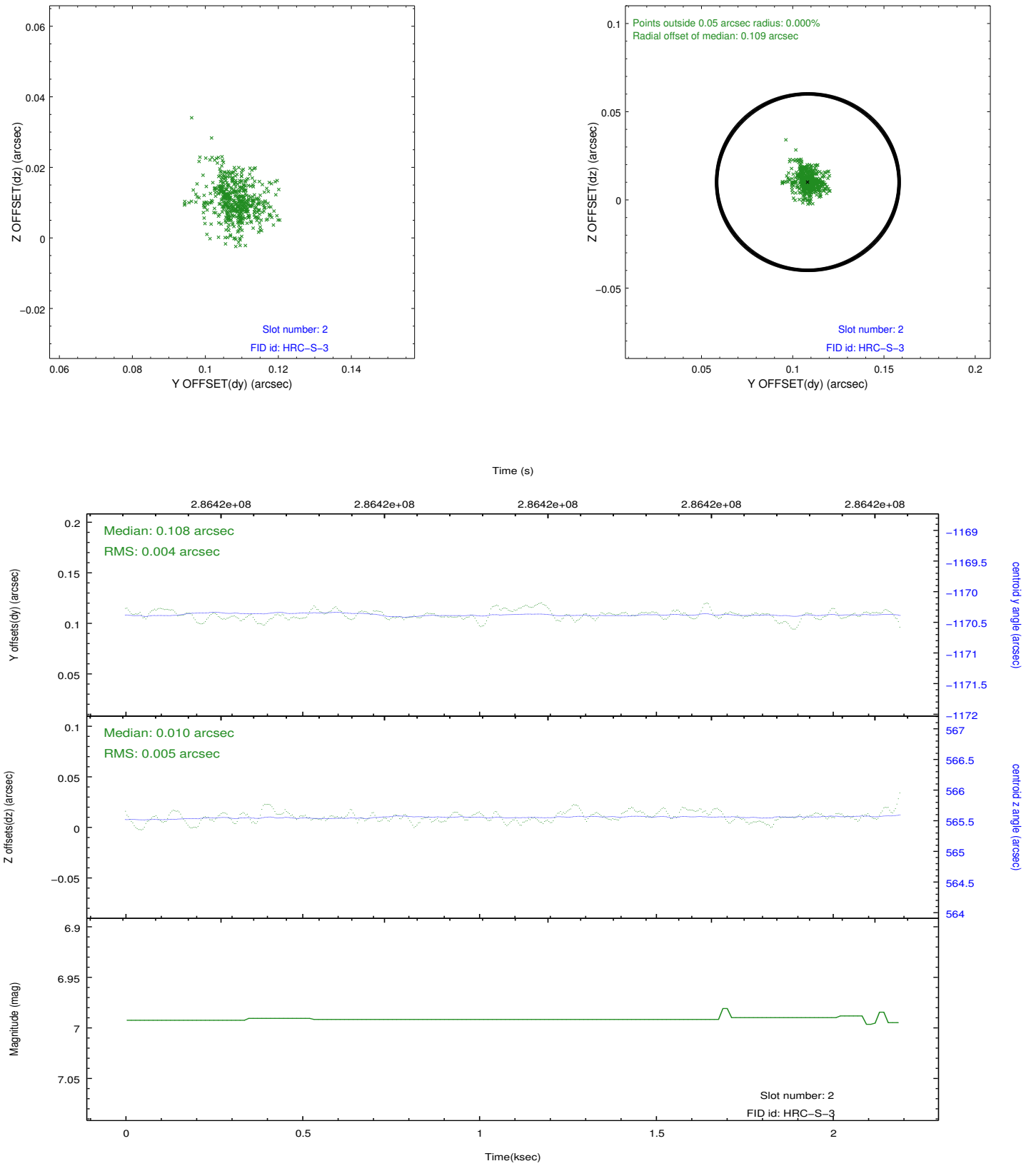
2.5.1 Slot 0



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)	2012.08.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.15993135

A.2 Comments

Window preference met.