

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8279 - L2 Version 4
Chandra X-Ray Center

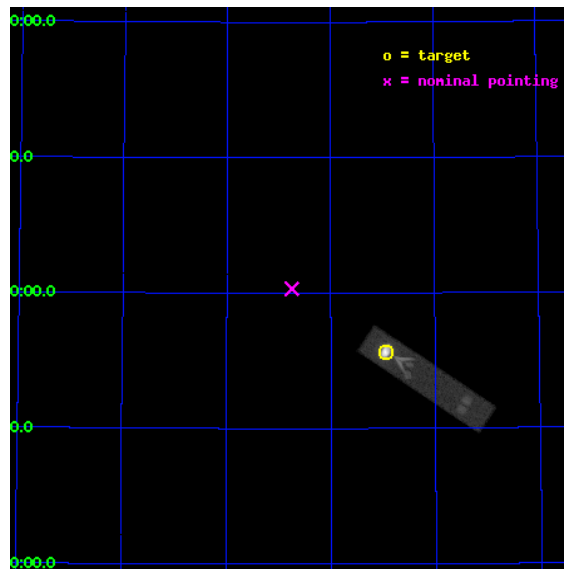
L2 Processing Date : Aug 11 2012

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1 Front

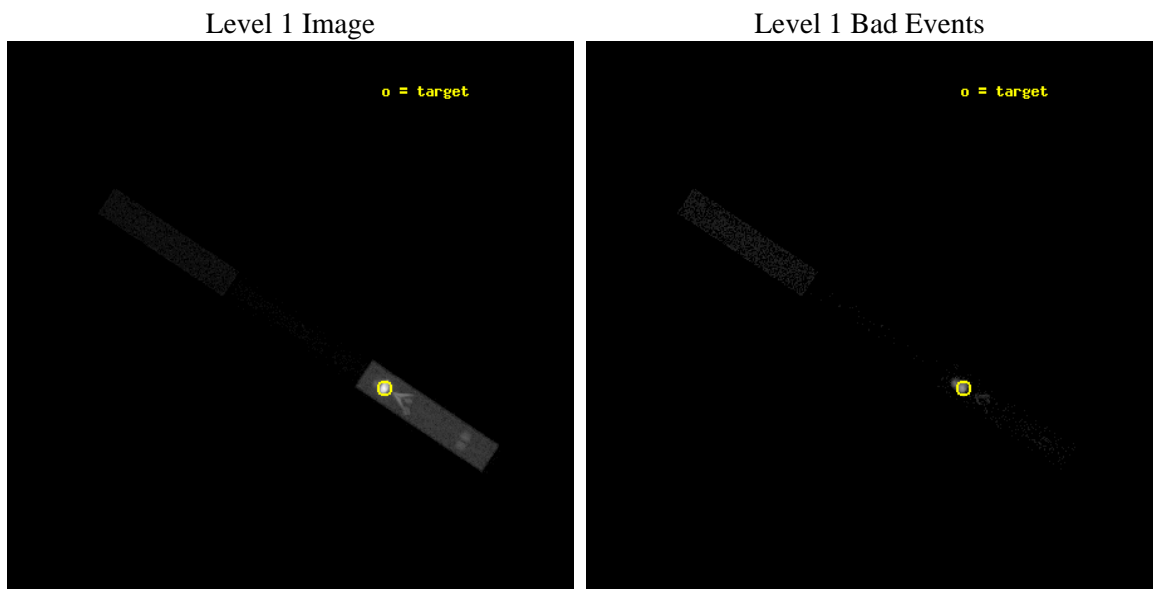
seq_num	290658	Sequence number
obs_id	8279	Observation id
title	AO8 Measurements of the optical/UV Transmission of the HRC Filters.	
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.68639750121	Nominal RA [deg]
dec_nom	39.01657789491	Nominal Dec [deg]
roll_nom	33.489077045449	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2186.581353724	[s]
livedtime	827.10344148057	Ontime multiplied by DTCOR
l2events	388882	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	2186.581353724	[s]
caldsver	4.5.1.1	 	l1events	453169	Number of level 1 events
date	2012-08-11T19:00:56	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

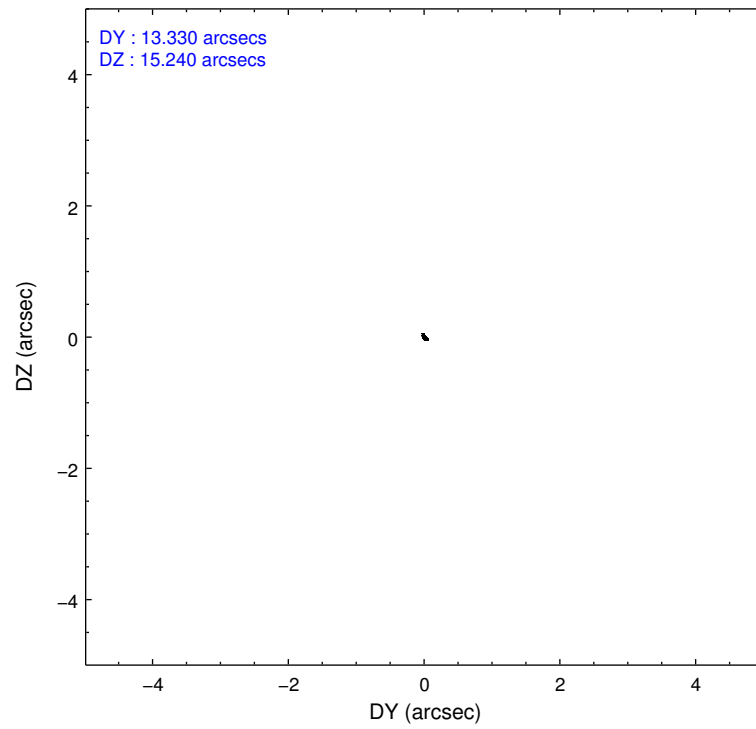
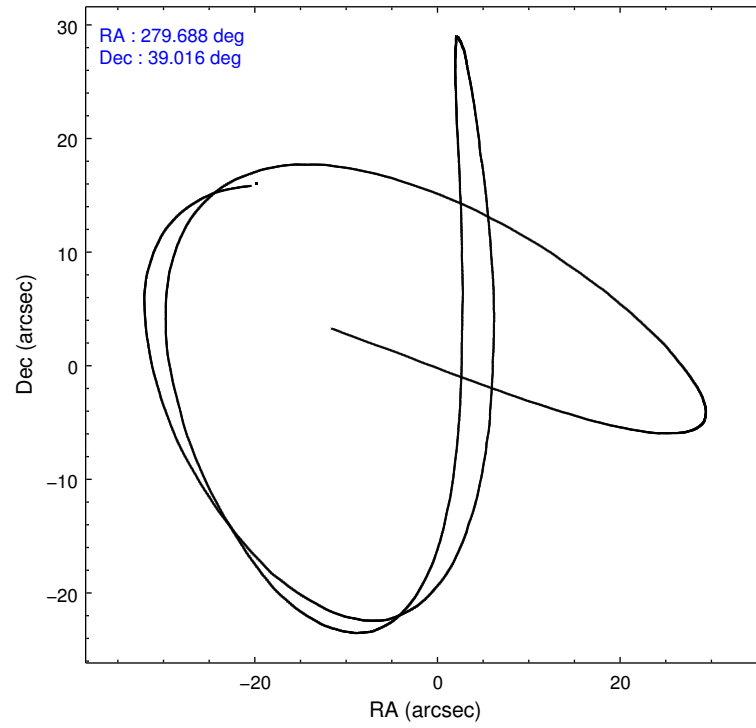
	segment 1	segment 2	segment 3
level 1 events	447391	374	5404
rejected events	44236	347	5377
rejected %	9%	92%	99%

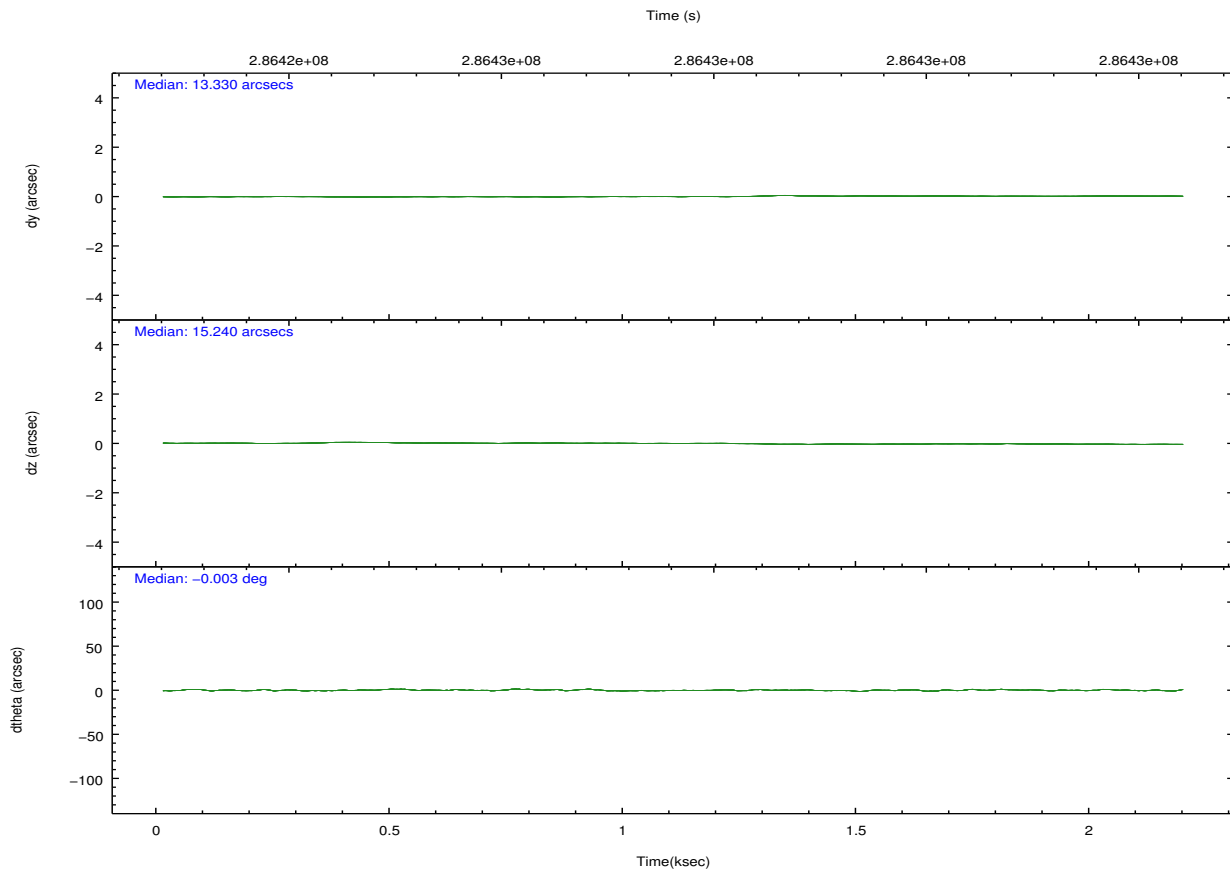
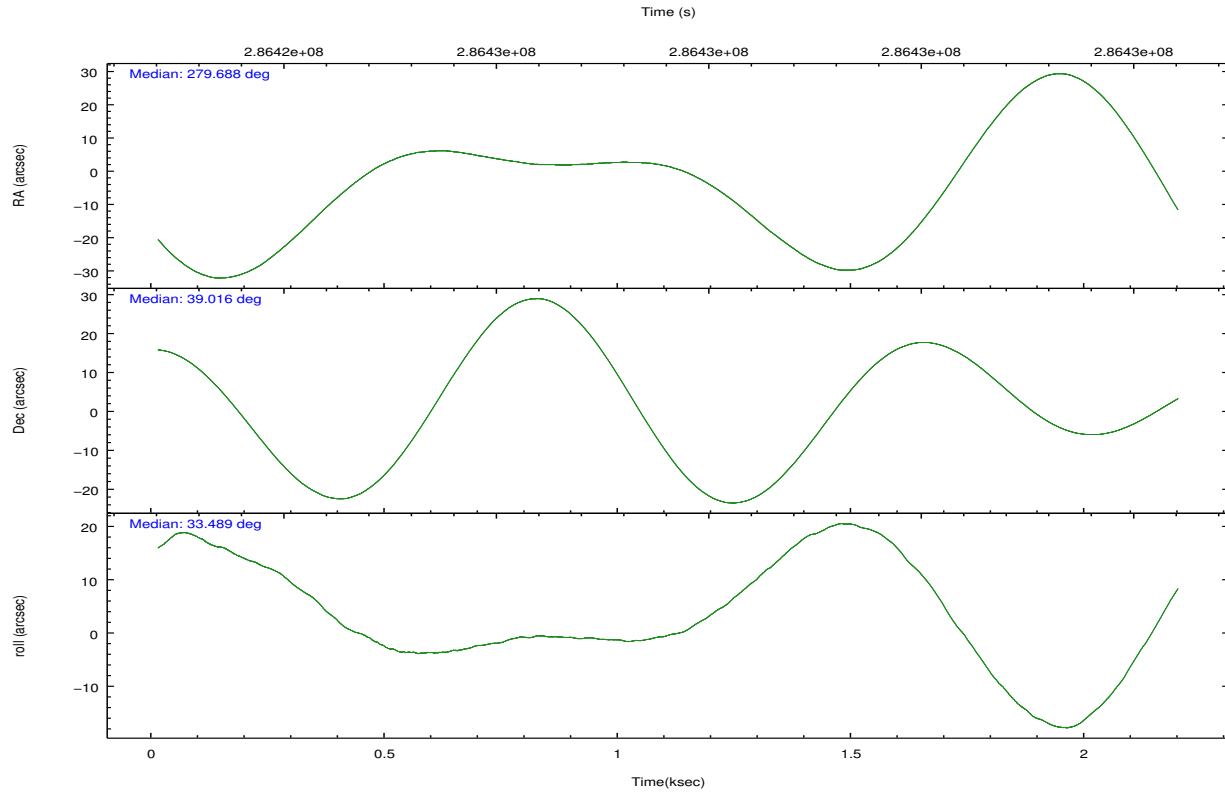
2.2 Compared Parameters

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	279.671457	279.686397501206
[deg] Pointing Dec	38.990421	39.01657789490982
[deg] Pointing Roll	33.431156	33.48907704544938
[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)	286425003.184000	286424626.80764
Observation start date	2007-01-29T02:28:58	2007-01-29T02:23:46
[s] Observation end time (MET)	286427003.184000	286427139.08276
Observation end date	2007-01-29T03:02:18	2007-01-29T03:05:39

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

2.3 Aspect



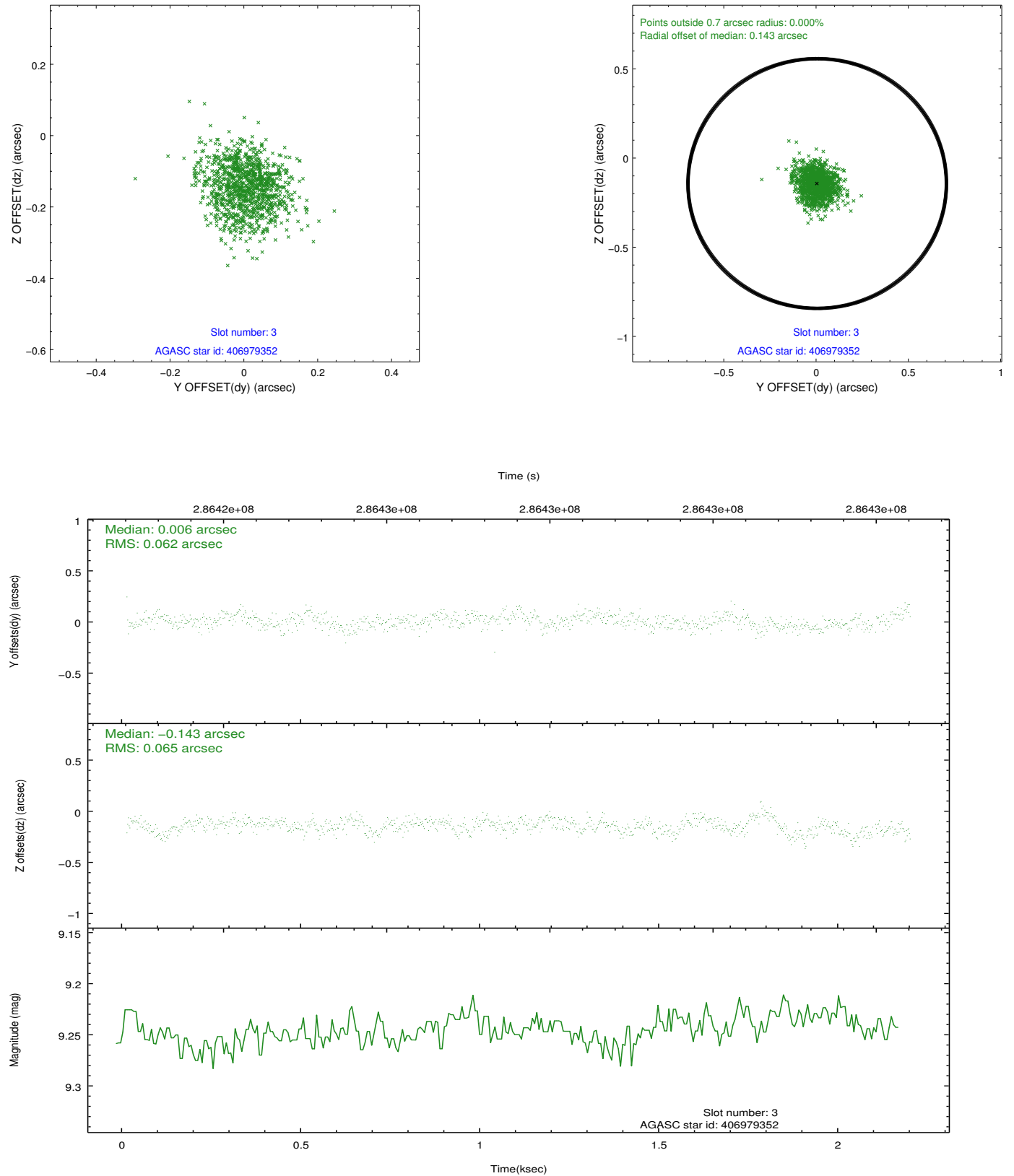


Slot Statistics

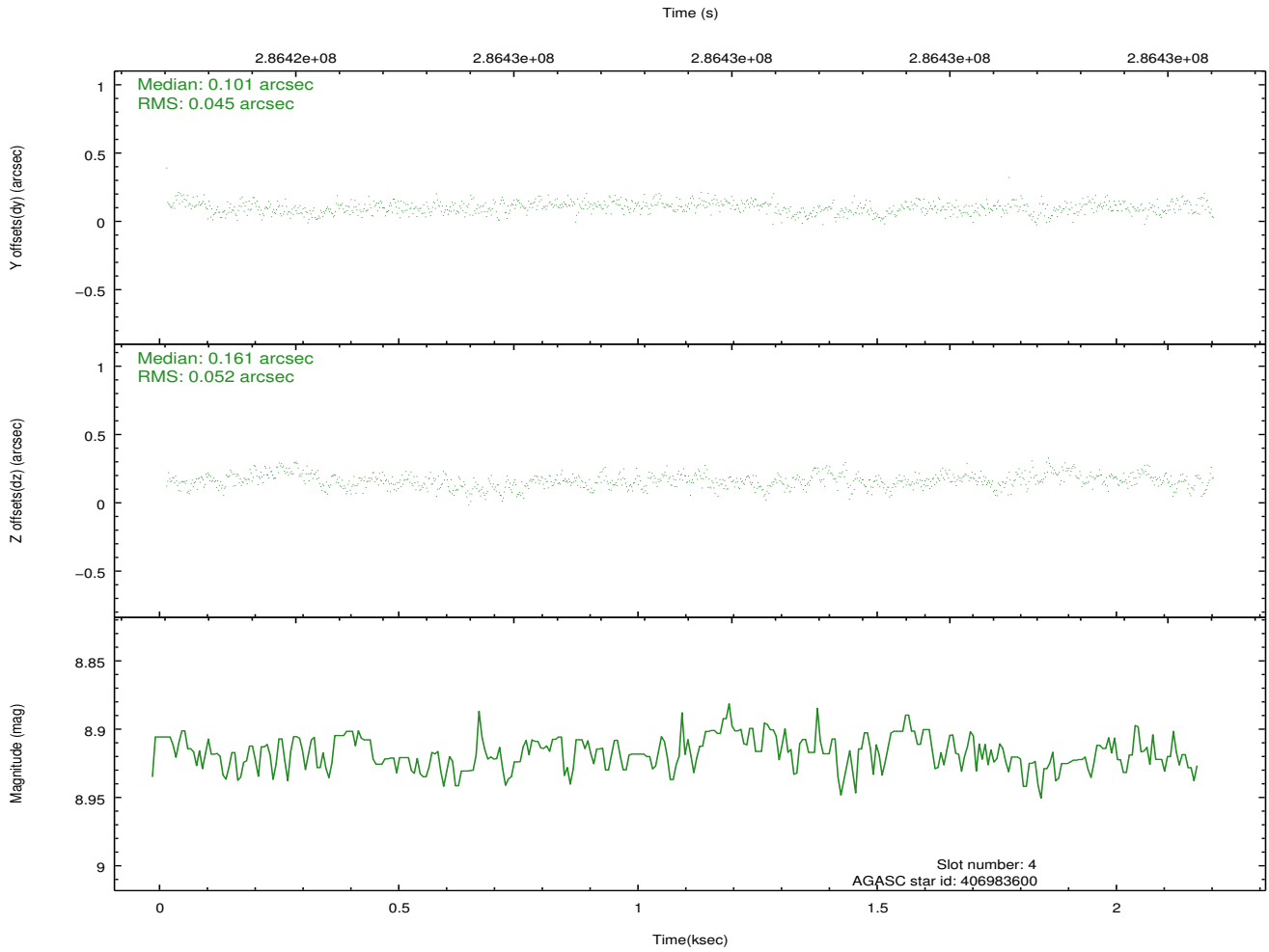
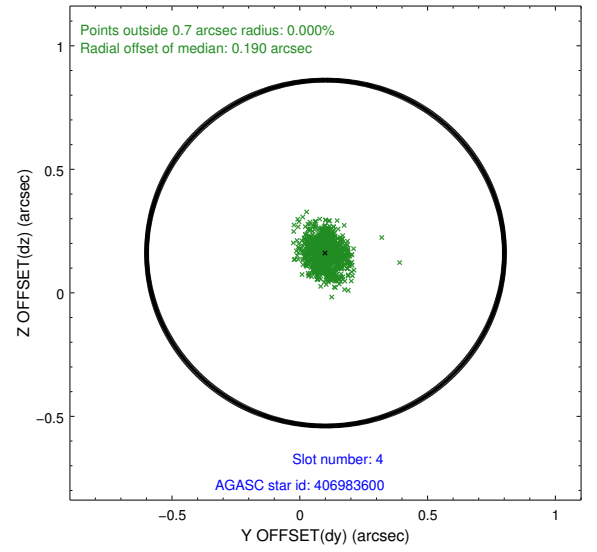
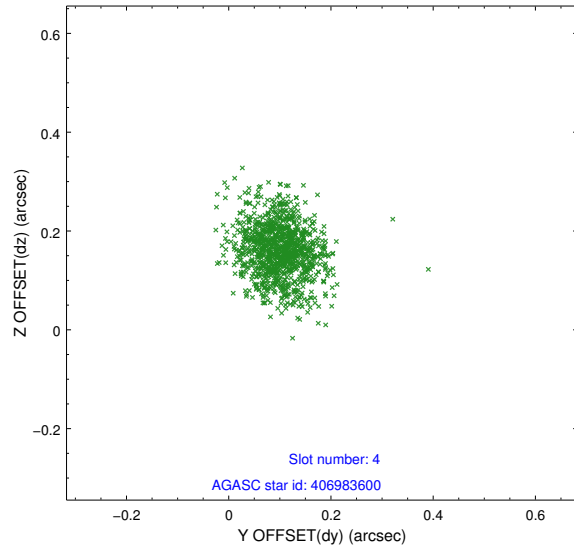
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.99	534	0.096	-0.202	0.006	0.010	0.000000	0.000000	-1167.67	-464.11
1	FID	HRC-S-2	6.98	534	0.187	-0.110	0.005	0.009	0.000000	0.000000	1229.89	-457.56
2	FID	HRC-S-3	6.99	534	0.106	0.010	0.007	0.011	0.000000	0.000000	-1168.06	564.76
3	GUIDE	406979352	9.25	1065	0.006	-0.143	0.095	0.150	279.968297	39.230258	1166.98	265.16
4	GUIDE	406983600	8.92	1068	0.101	0.161	0.072	0.118	279.940957	39.020708	691.29	-323.09
5	GUIDE	406985120	7.42	1068	-0.039	-0.068	0.080	0.130	278.839732	38.894839	-2127.75	1006.00
6	GUIDE	406989616	8.22	1068	0.097	0.134	0.068	0.108	279.202881	38.520843	-2032.66	-679.05
7	GUIDE	407513096	8.15	1066	-0.170	-0.075	0.065	0.105	279.928965	39.436841	1481.56	947.63

2.4 Star Slots

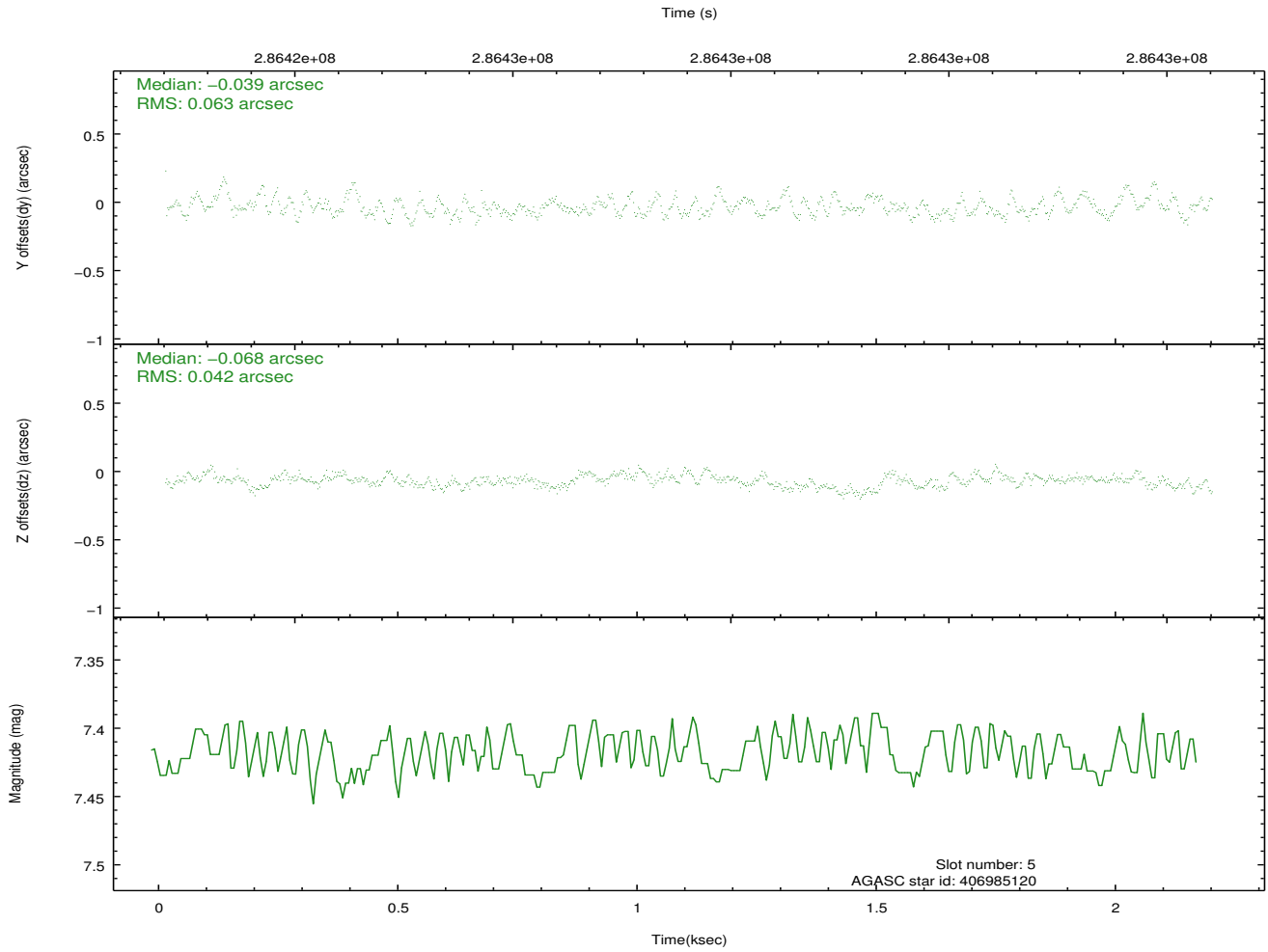
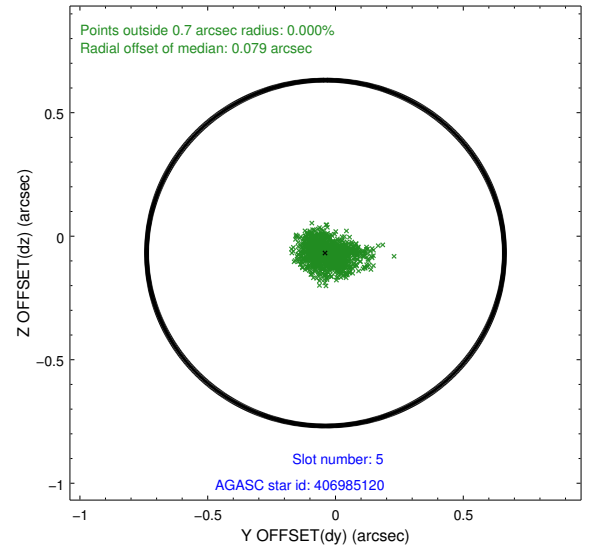
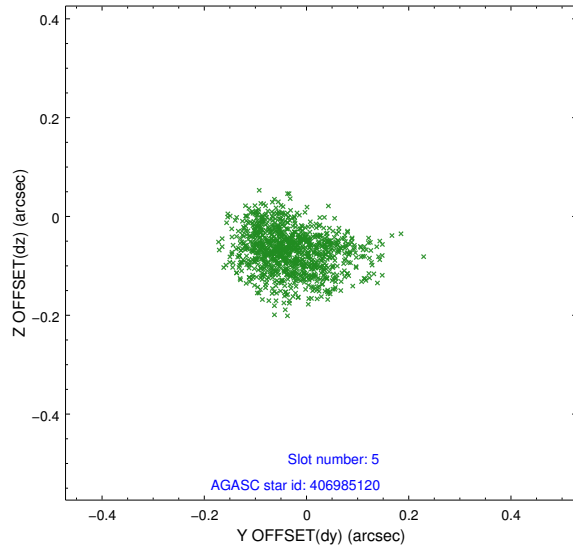
2.4.1 Slot 3



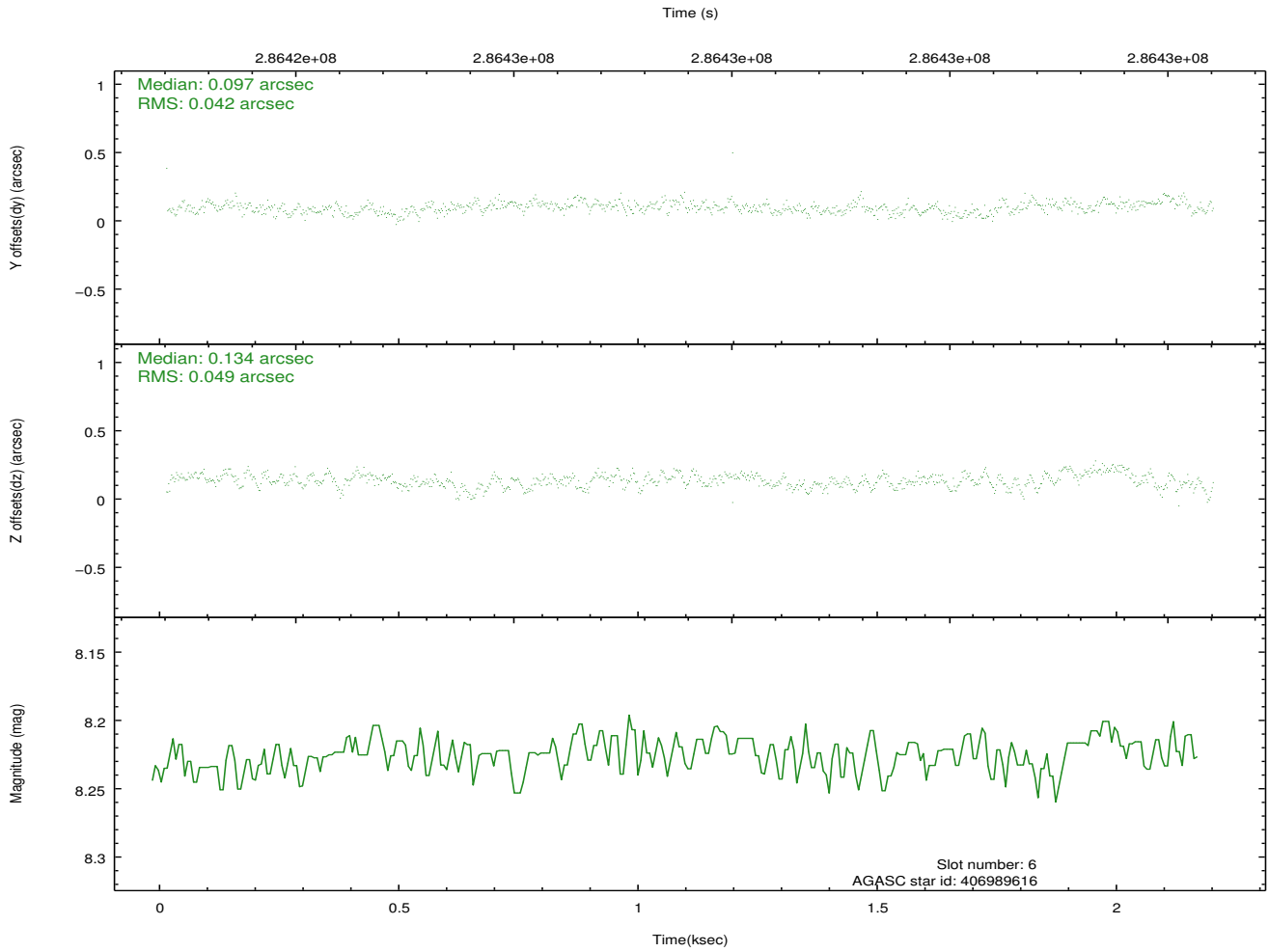
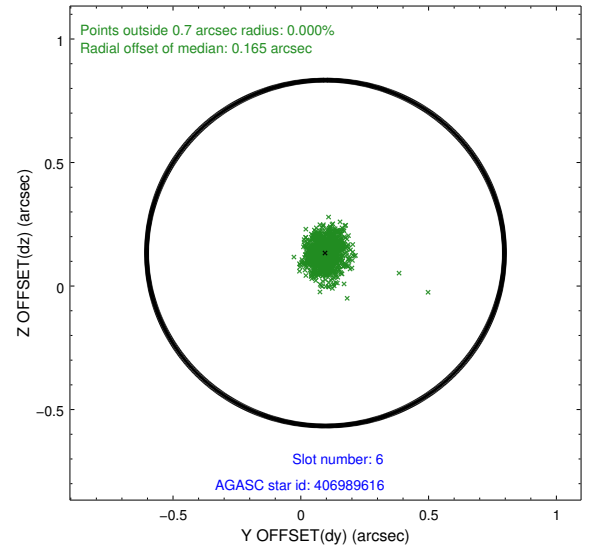
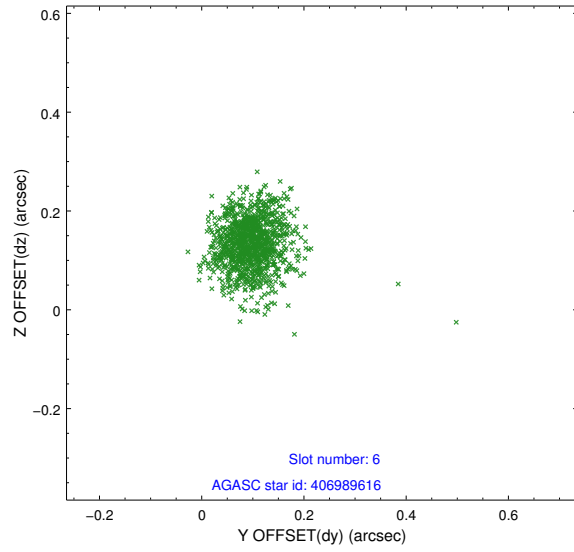
2.4.2 Slot 4



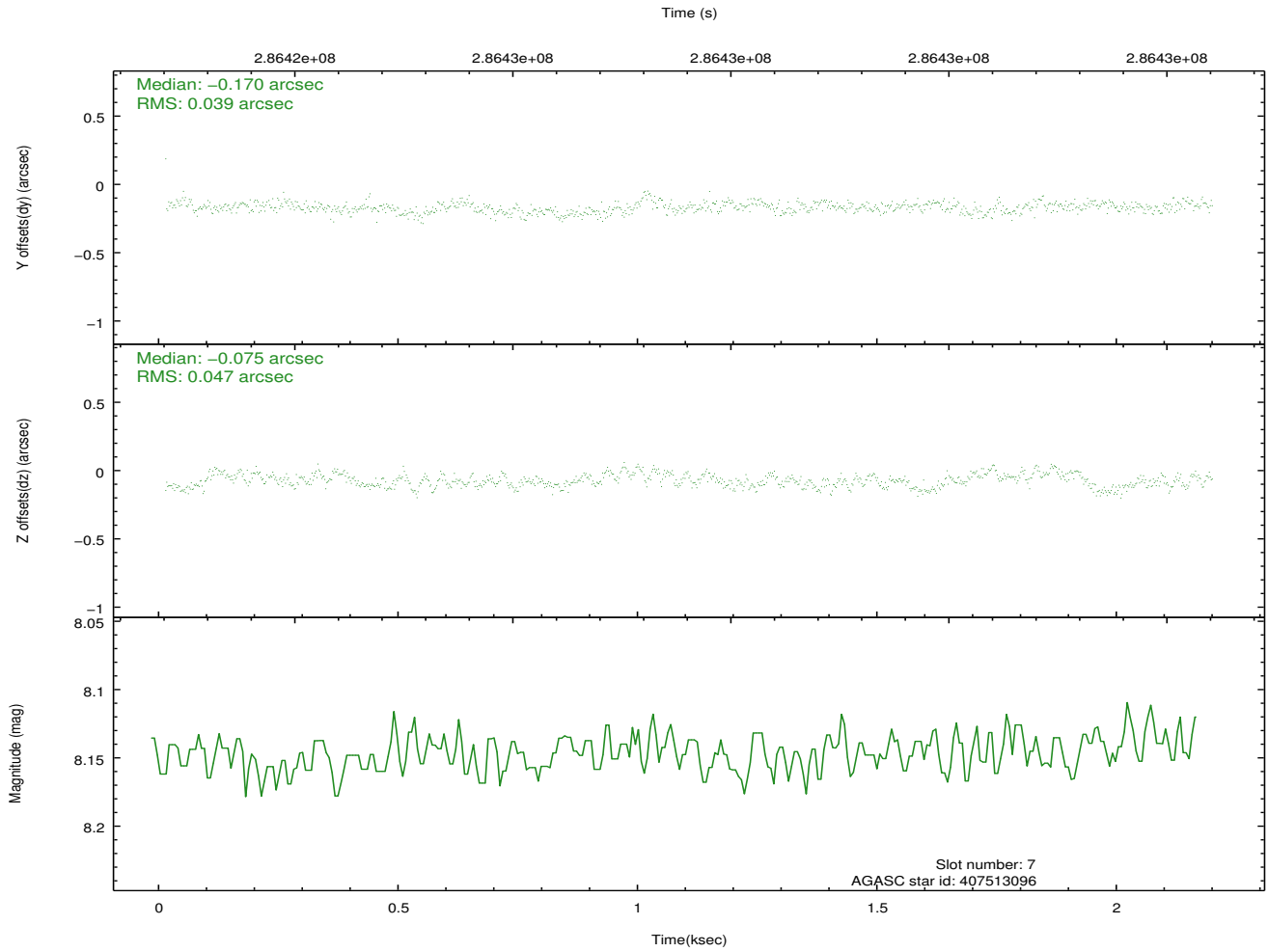
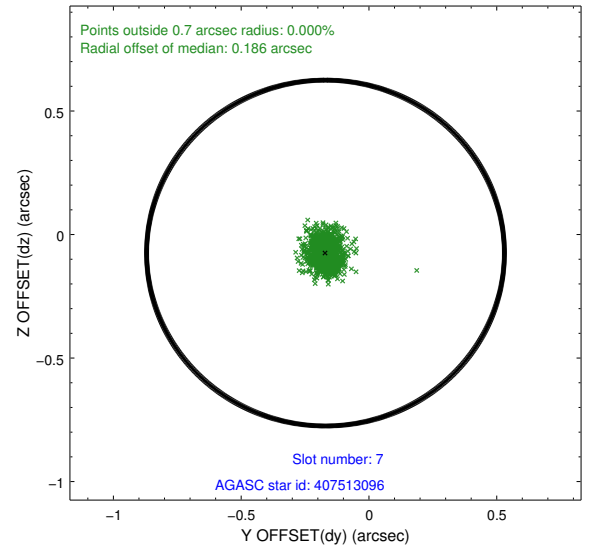
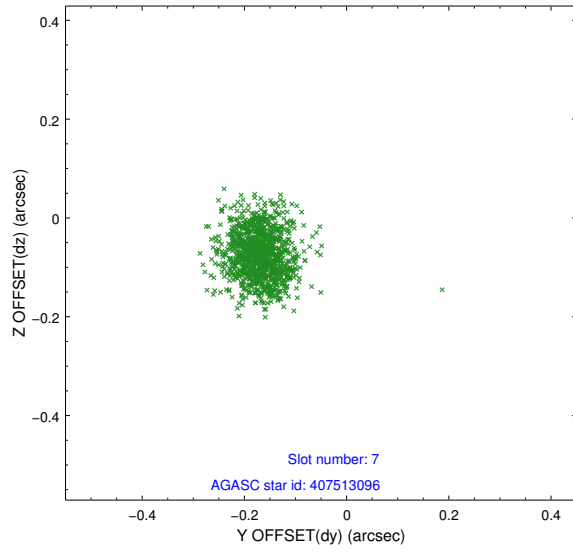
2.4.3 Slot 5



2.4.4 Slot 6

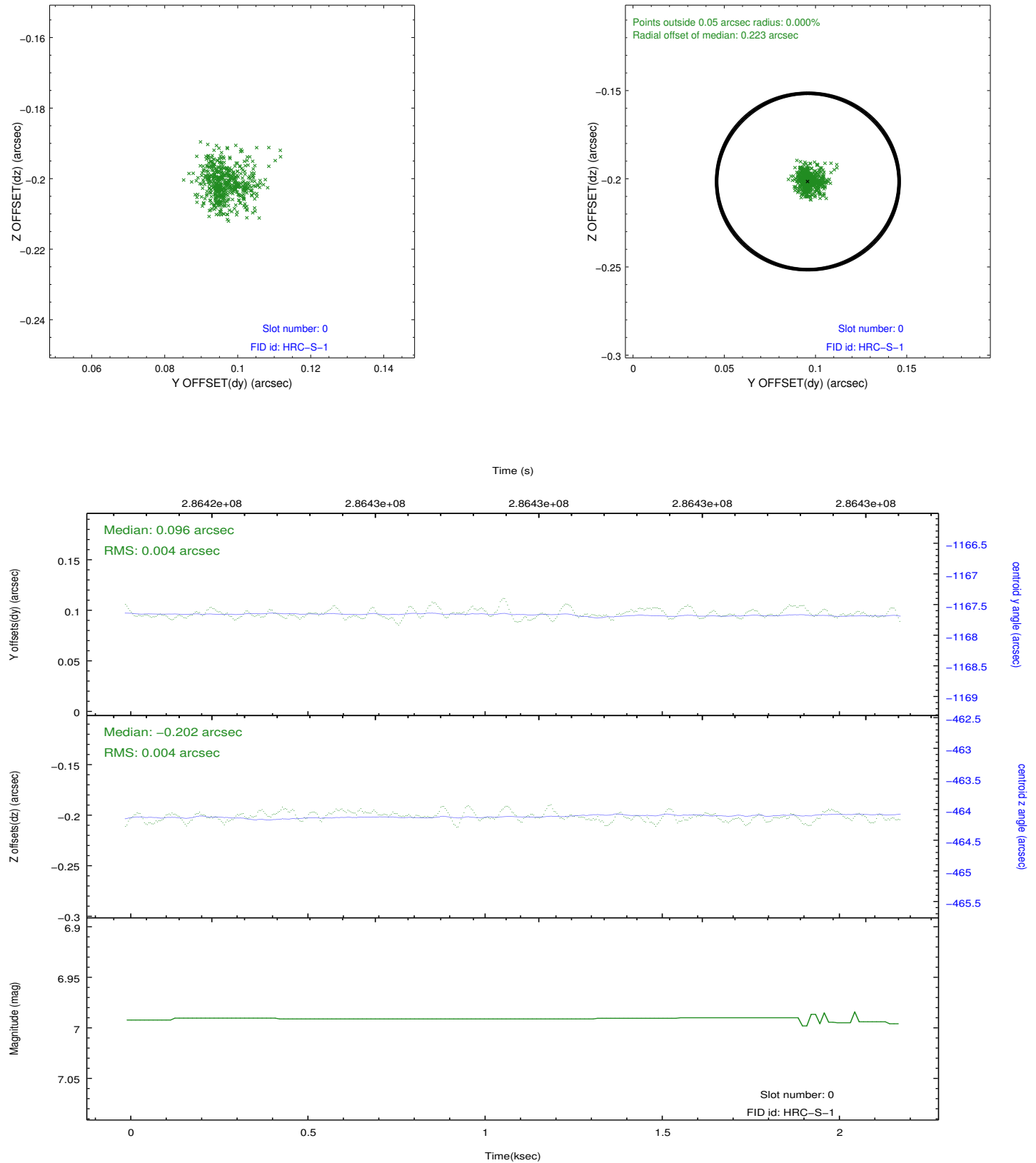


2.4.5 Slot 7

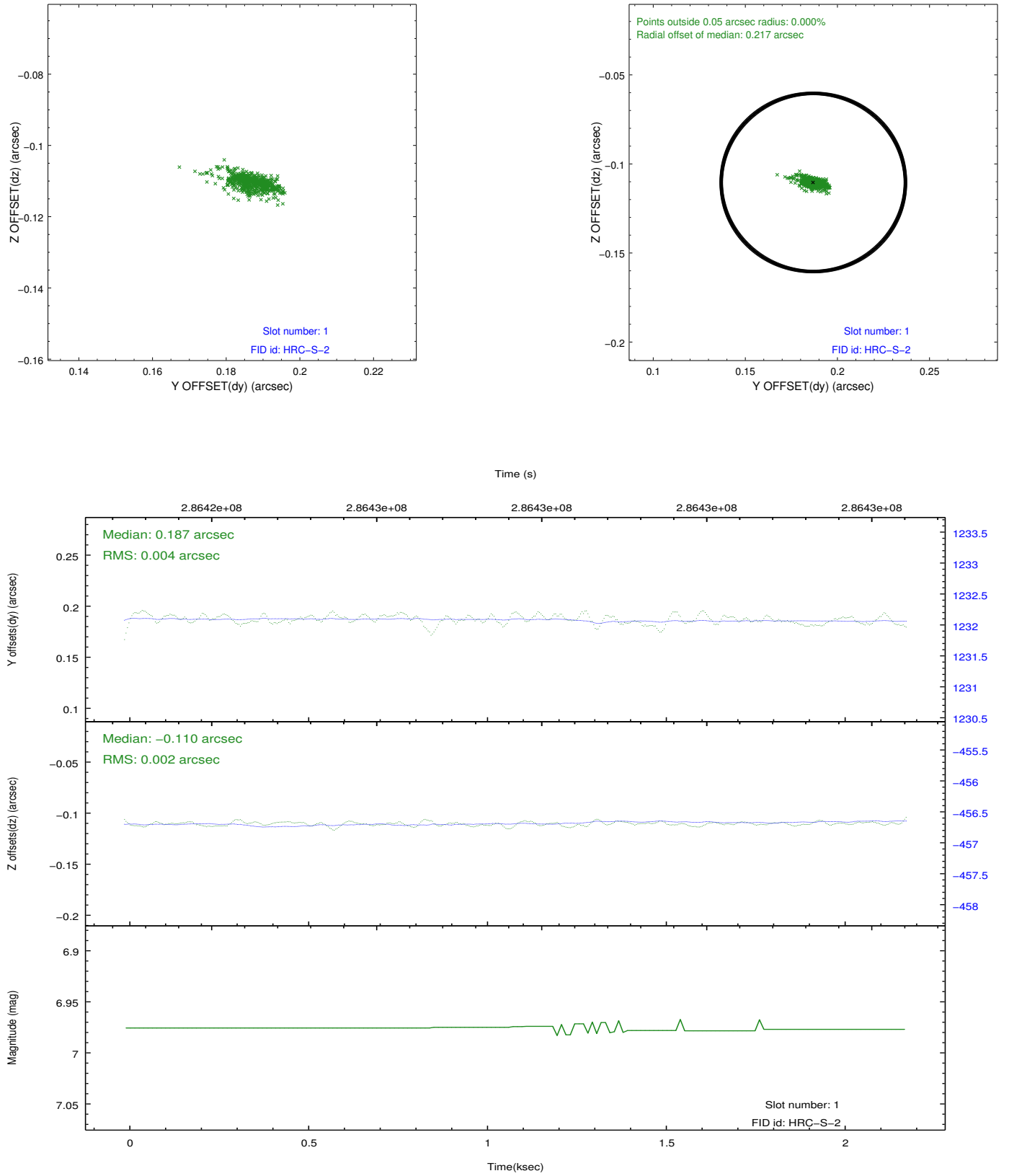


2.5 FID Slots

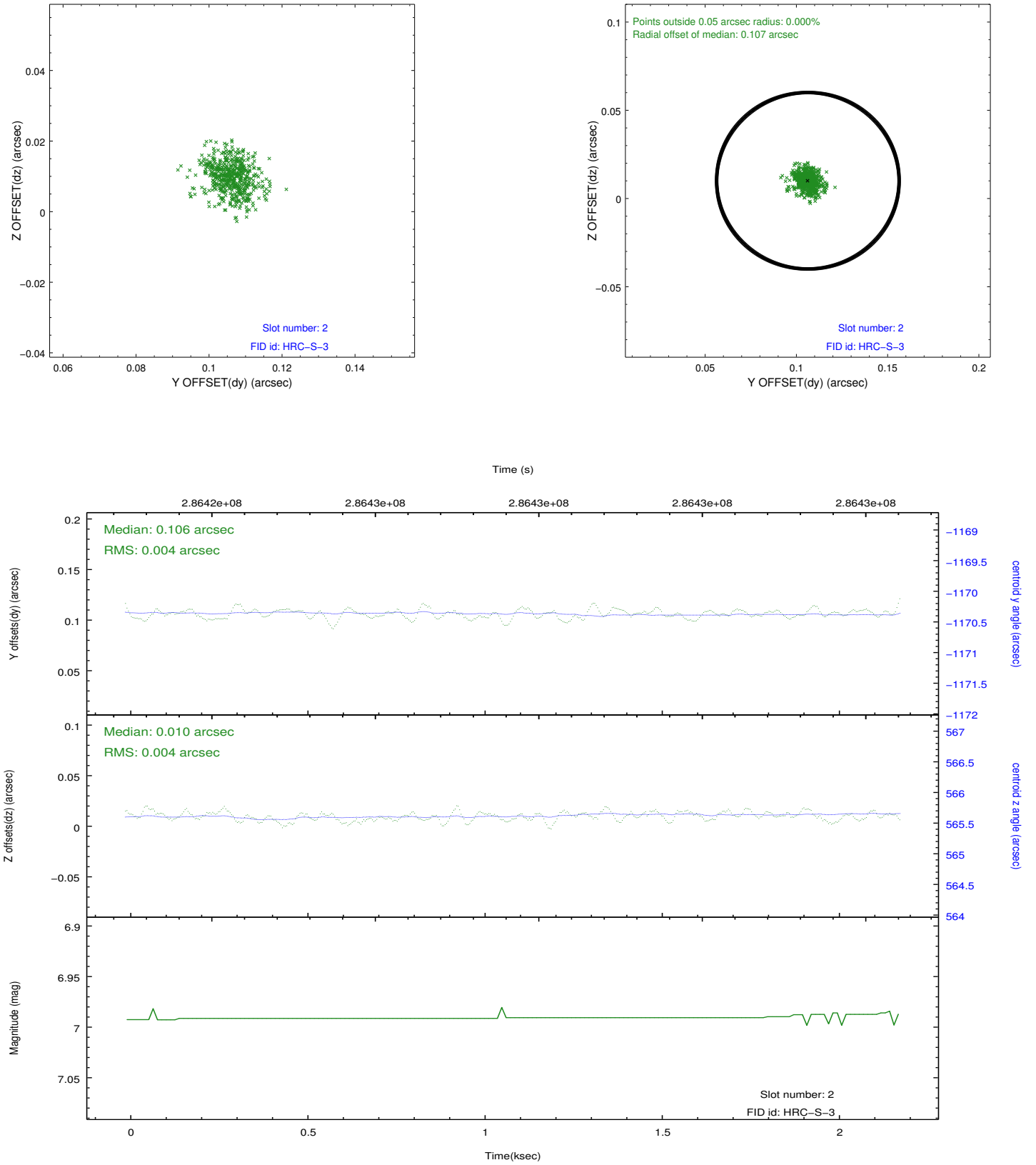
2.5.1 Slot 0



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)	2012.08.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1863251

A.2 Comments

Window preference met.