

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9633 - L2 Version 3
Chandra X-Ray Center

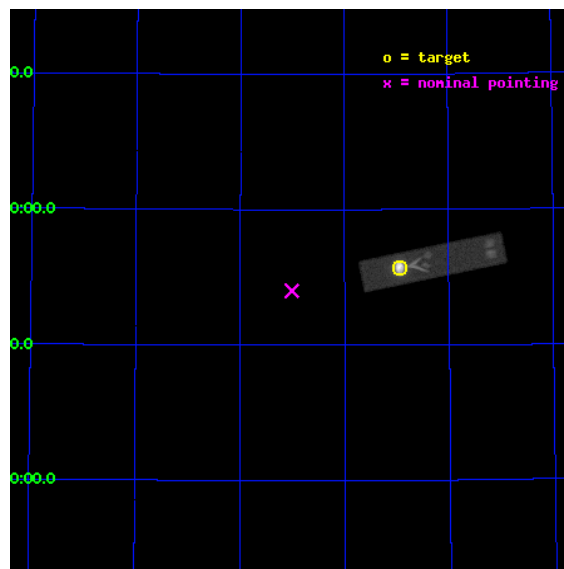
L2 Processing Date : Aug 12 2012

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1 Front

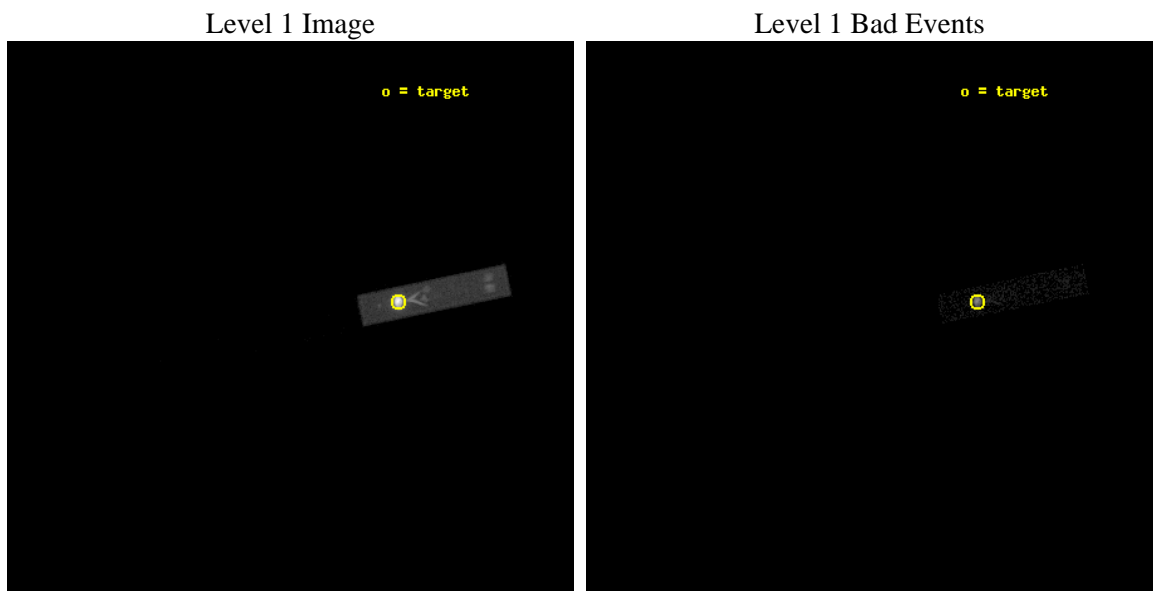
seq_num	290756	Sequence number
obs_id	9633	Observation id
title	AO9 Measurements of the optical/UV Transmission of the HRC Filters.	
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.75229015421	Nominal RA [deg]
dec_nom	38.70083464399	Nominal Dec [deg]
roll_nom	168.32673738739	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2184.5313568115	[s]
livetime	860.81180426488	Ontime multiplied by DTCOR
l2events	386845	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	2184.5313568115	[s]
caldsver	4.5.1.1	 	l1events	440831	Number of level 1 events
date	2012-08-12T14:48:46	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

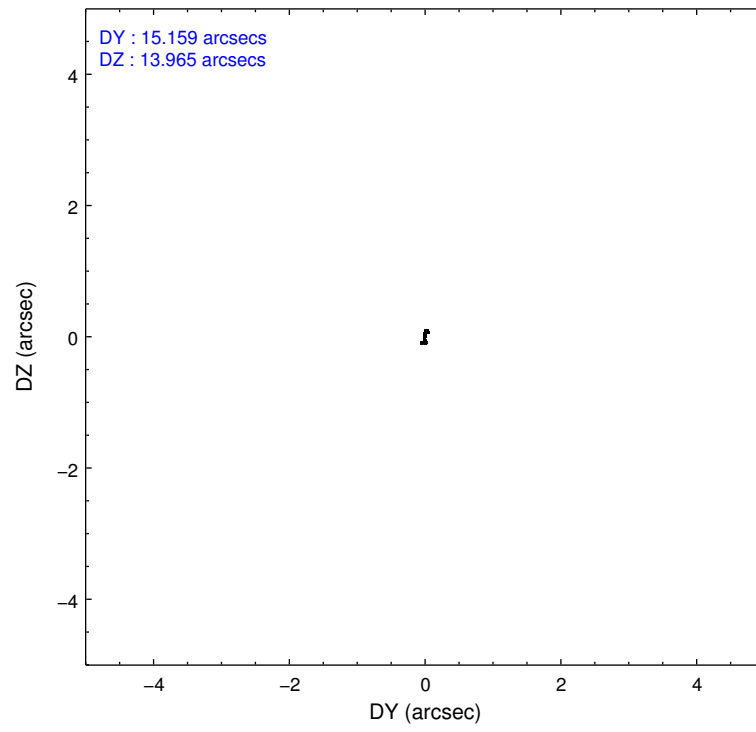
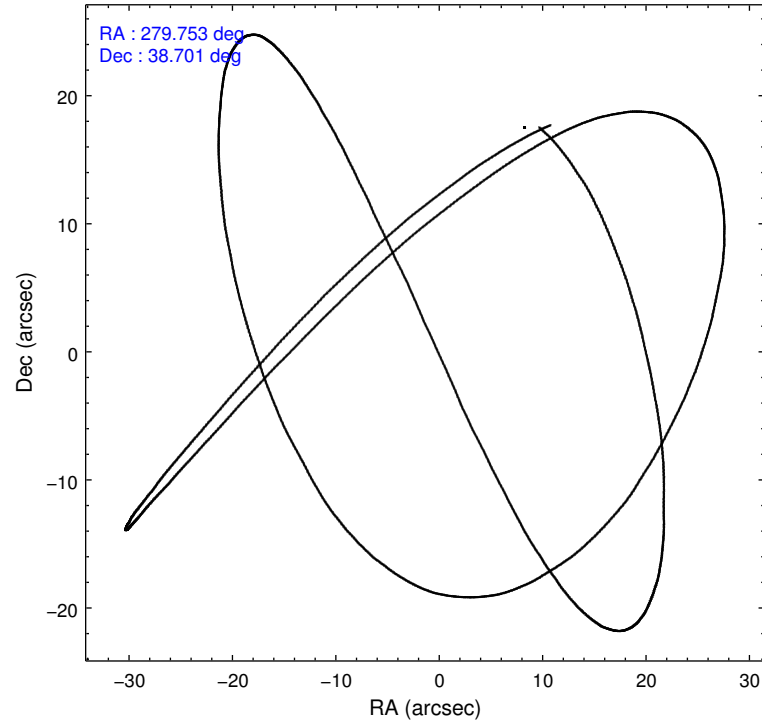
	segment 1	segment 2	segment 3
level 1 events	1	38	440792
rejected events	1	13	38013
rejected %	100%	34%	8%

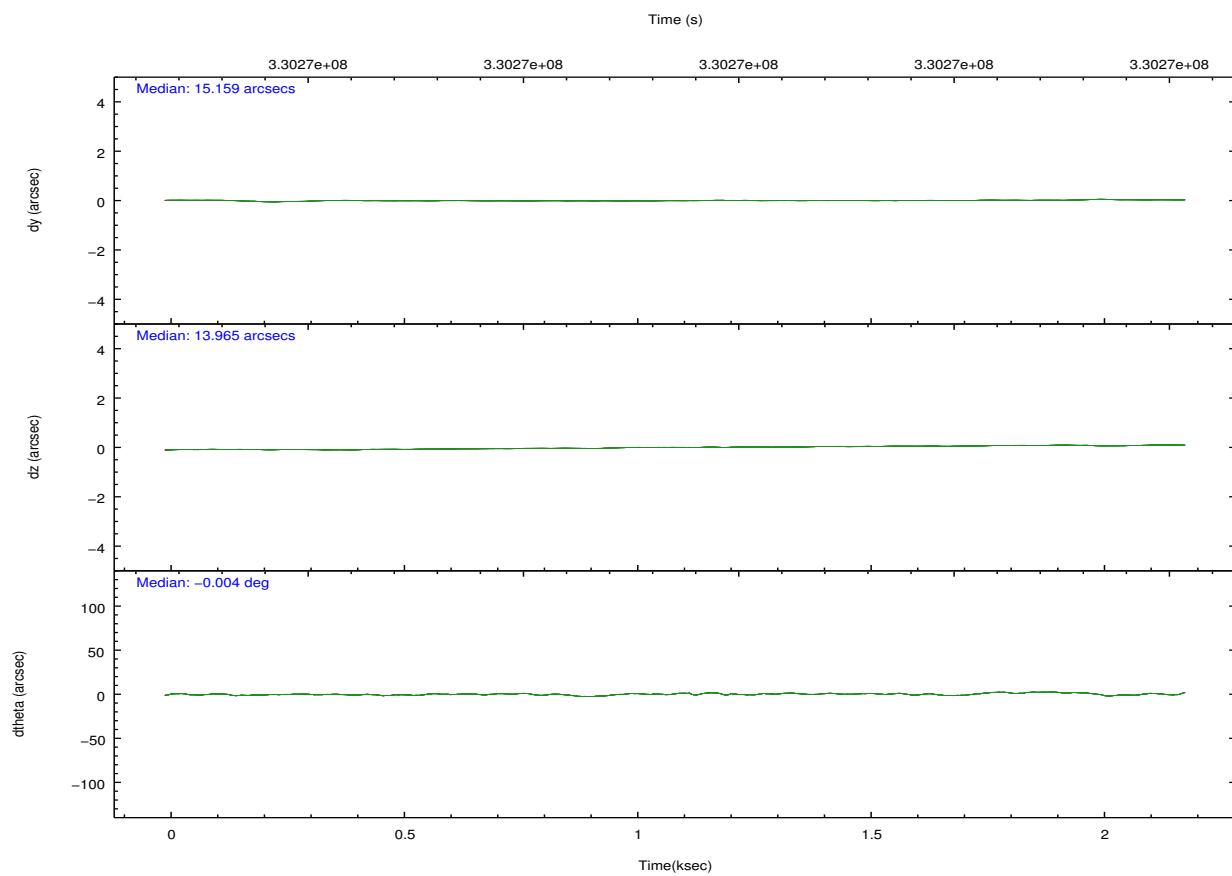
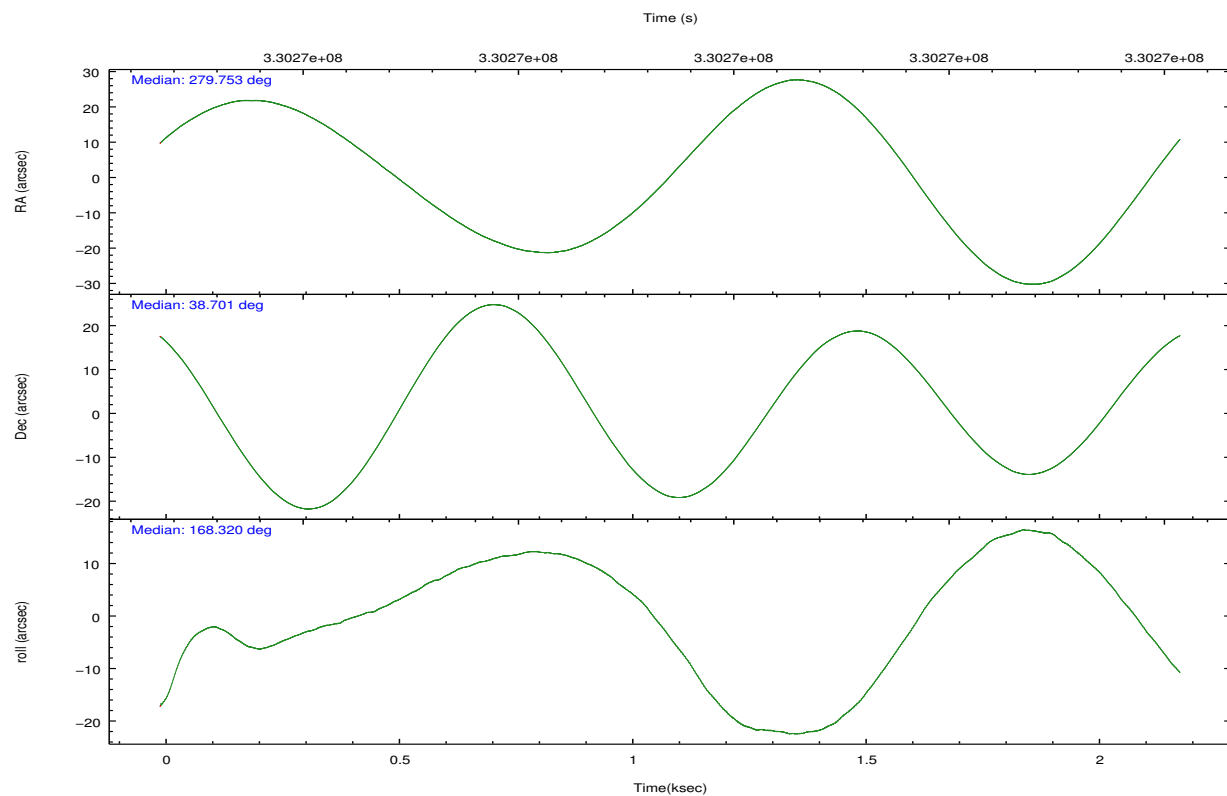
2.2 Compared Parameters

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	279.786679	279.7522901542061
[deg] Pointing Dec	38.711534	38.70083464398981
[deg] Pointing Roll	168.237968	168.3267373873857
[s] Window start time (MET)	328665665.184000	328665665.184000
[s] Window stop time (MET)	336528065.184000	336528065.184000
[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)	330271437.184000	330271060.58234
Observation start date	2008-06-19T14:02:52	2008-06-19T13:57:40
[s] Observation end time (MET)	330273437.184000	330274343.145
Observation end date	2008-06-19T14:36:12	2008-06-19T14:52:23

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

2.3 Aspect



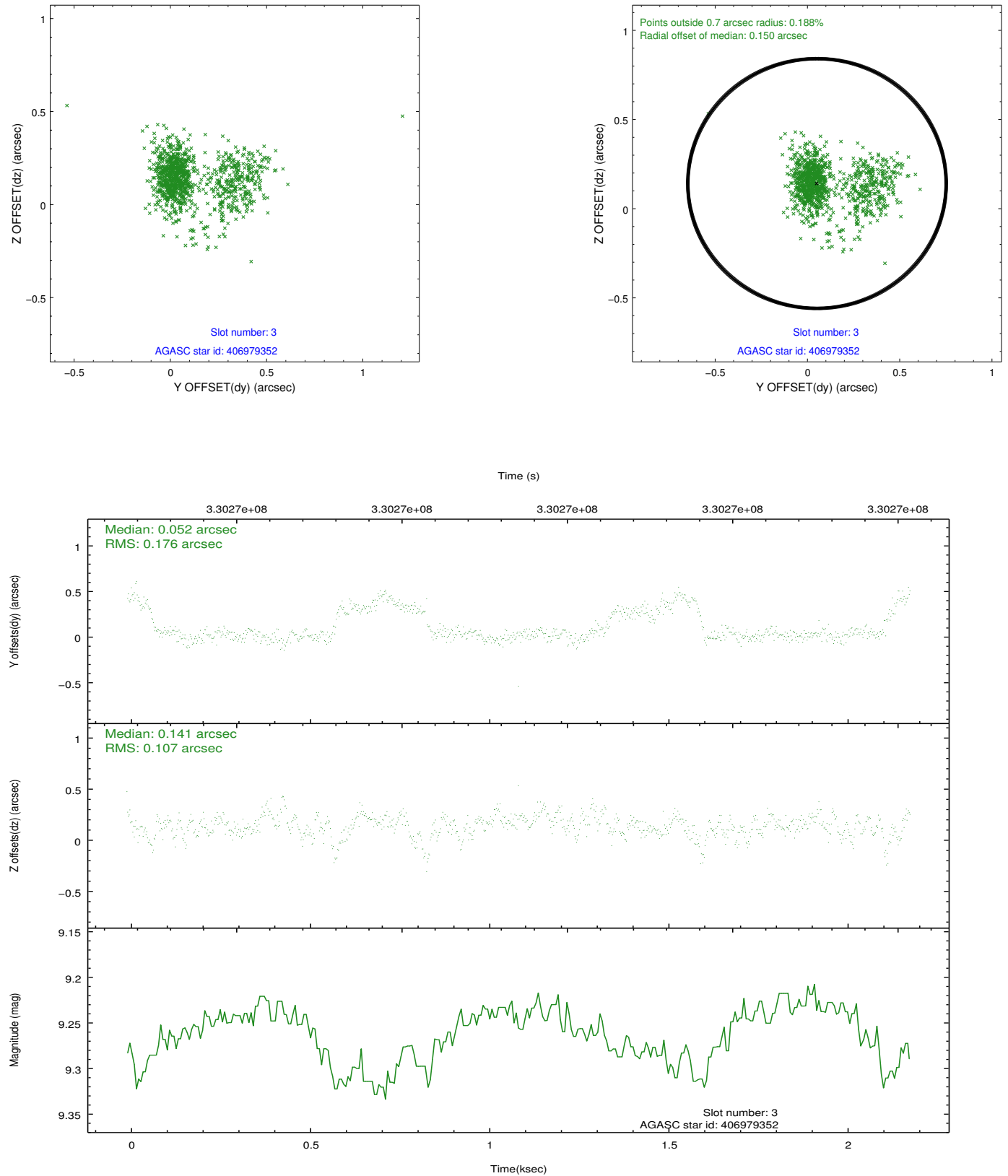


Slot Statistics

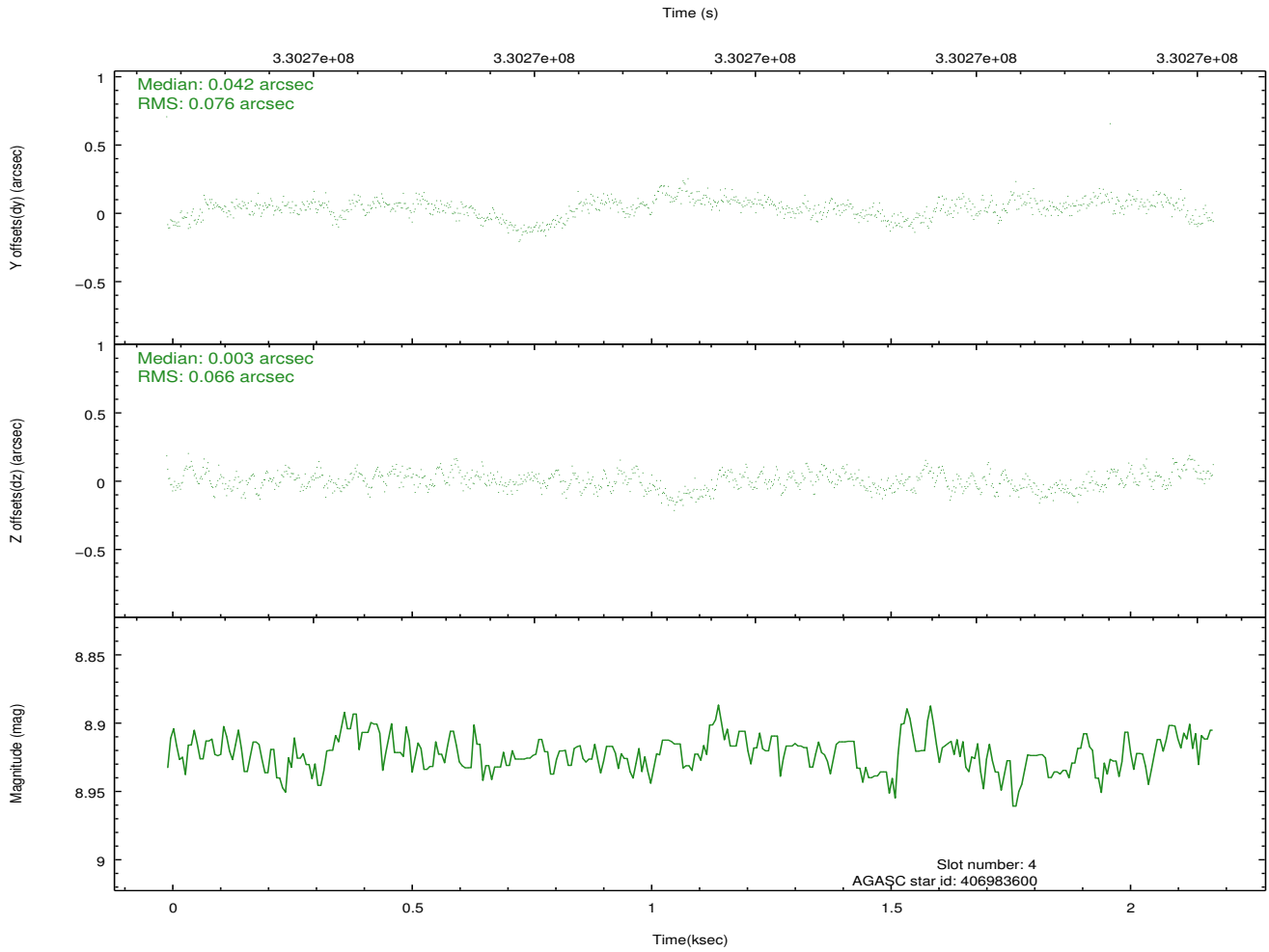
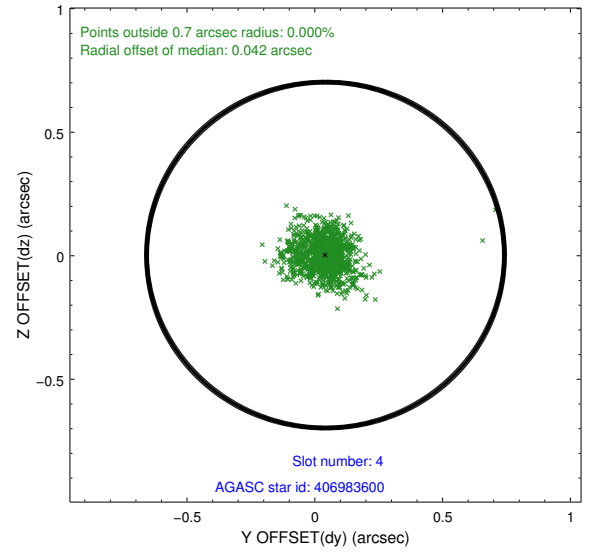
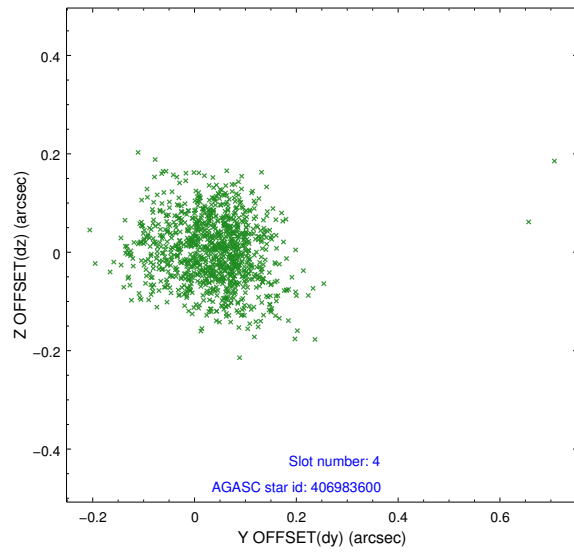
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.99	533	0.078	-0.191	0.008	0.011	0.000000	0.000000	-1169.56	-462.82
1	FID	HRC-S-2	6.97	534	0.194	-0.106	0.005	0.009	0.000000	0.000000	1228.03	-456.22
2	FID	HRC-S-3	7.00	534	0.117	-0.005	0.007	0.011	0.000000	0.000000	-1169.95	566.03
3	GUIDE	406979352	9.26	1064	0.052	0.141	0.204	0.390	279.968297	39.230258	-114.78	-1931.40
4	GUIDE	406983600	8.92	1067	0.042	0.003	0.103	0.168	279.940957	39.020708	-195.92	-1180.06
5	GUIDE	406989616	8.21	1067	-0.057	-0.185	0.095	0.149	279.202881	38.520843	1470.95	1000.24
6	GUIDE	407521232	8.64	1067	-0.179	0.203	0.104	0.161	279.628883	39.431715	960.08	-2448.72
7	GUIDE	408694248	9.77	1066	0.084	-0.155	0.144	0.232	280.467890	38.113877	-2325.00	1702.58

2.4 Star Slots

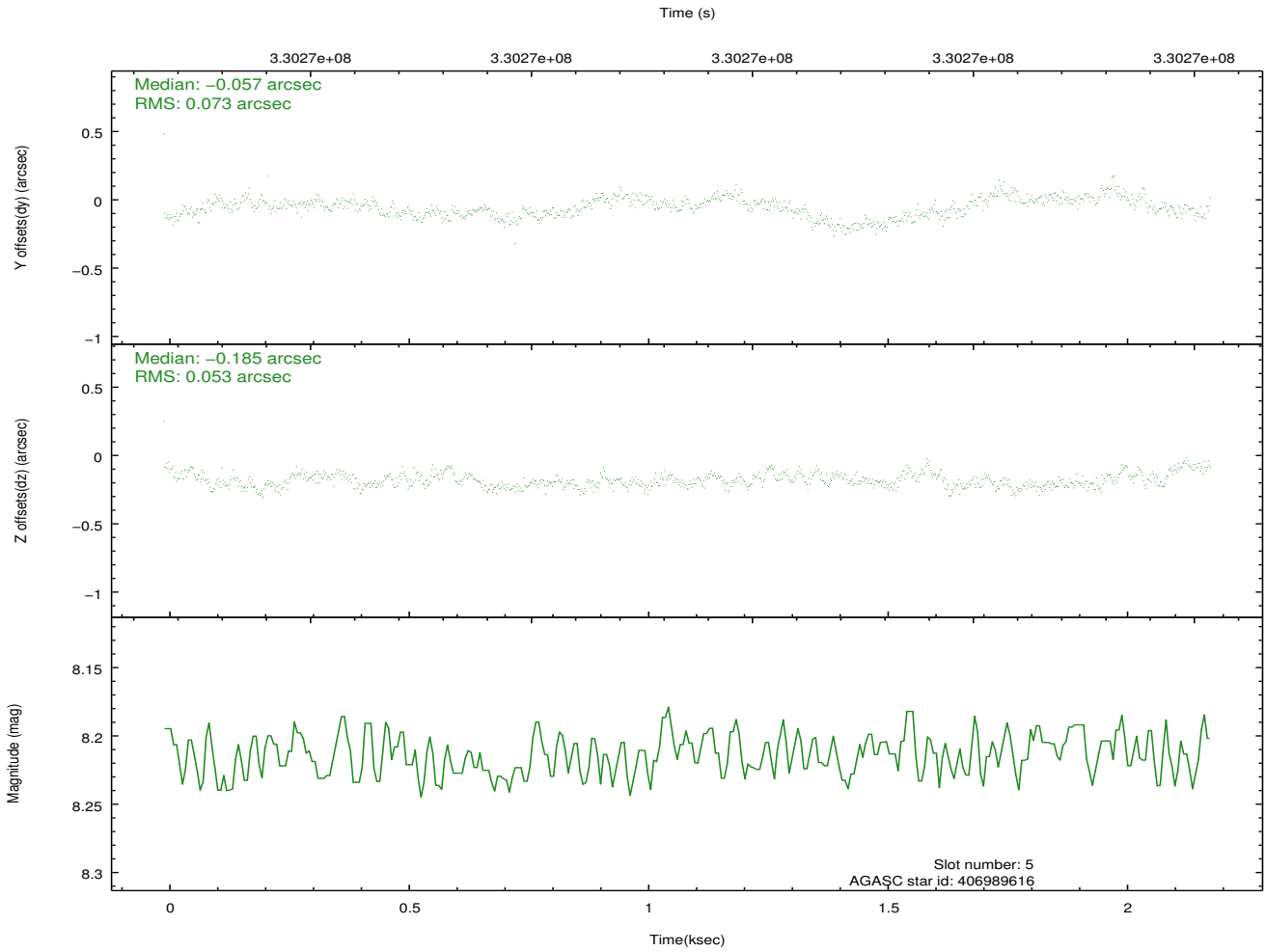
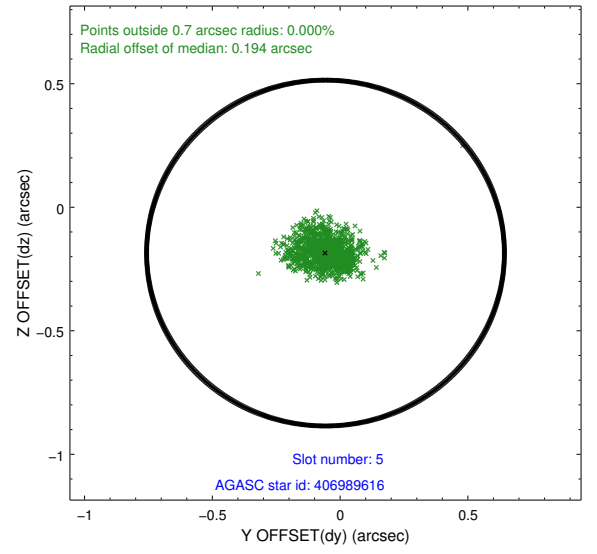
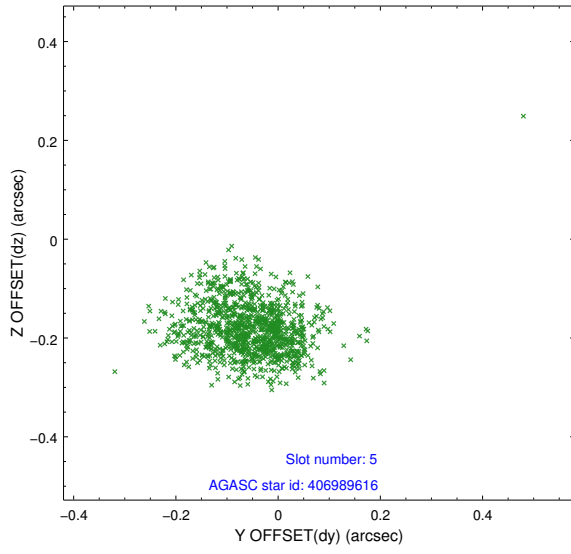
2.4.1 Slot 3



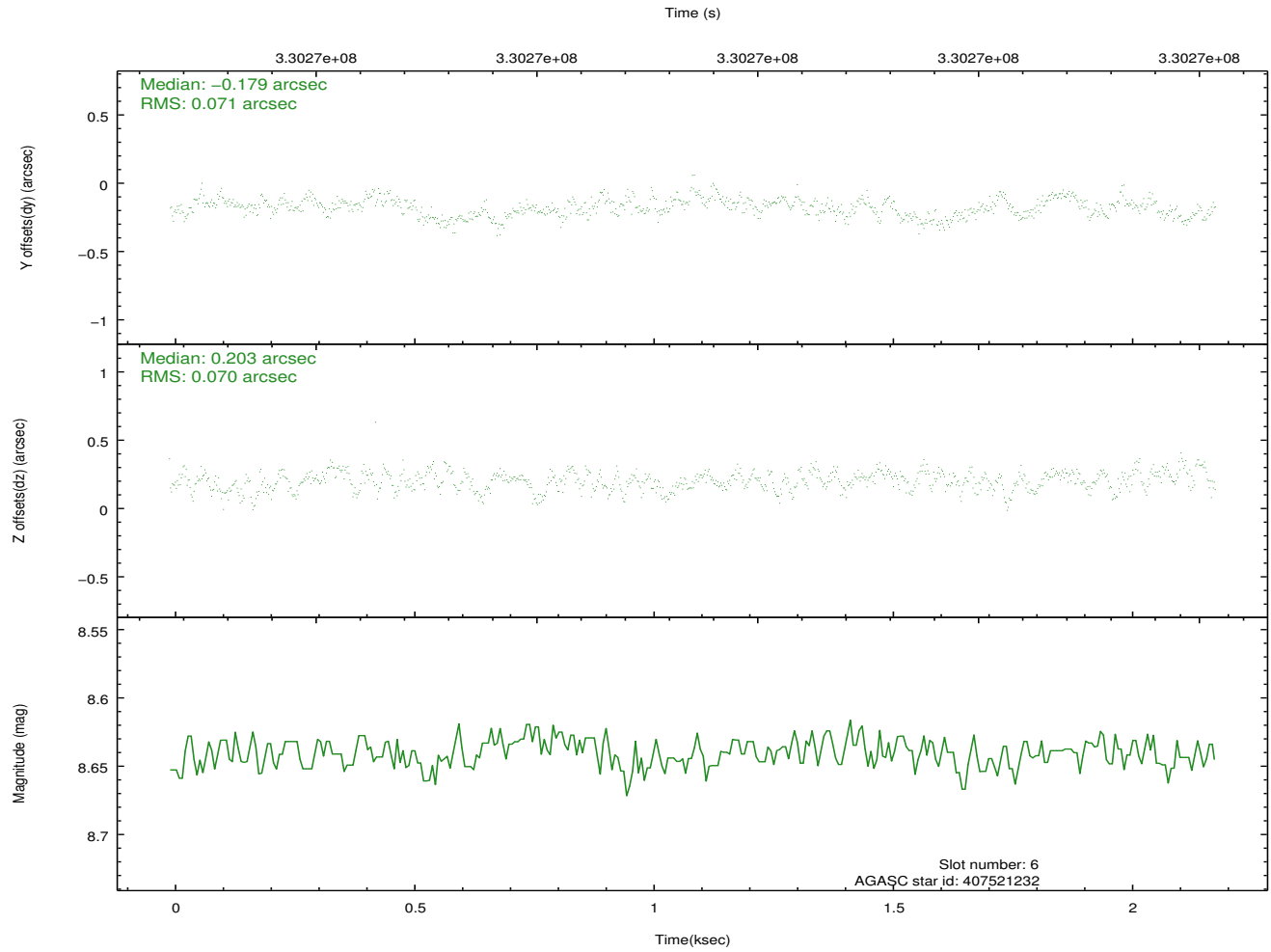
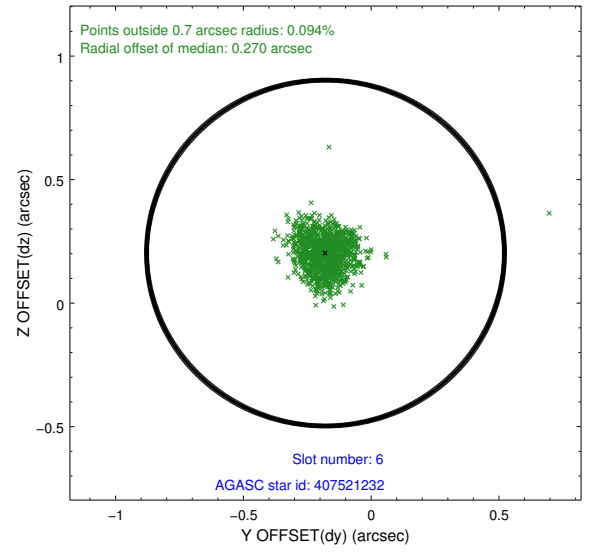
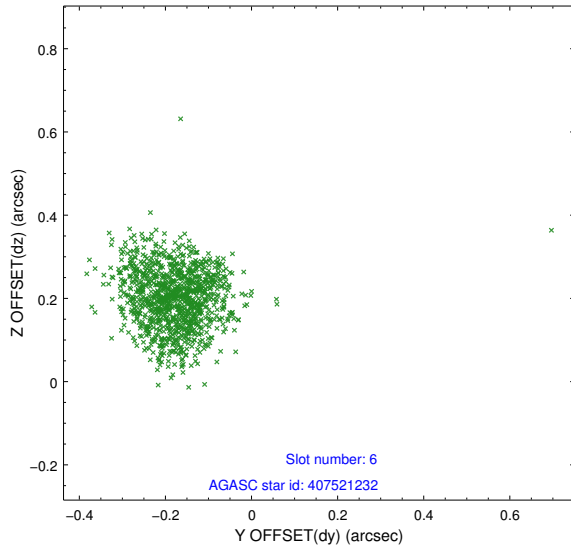
2.4.2 Slot 4



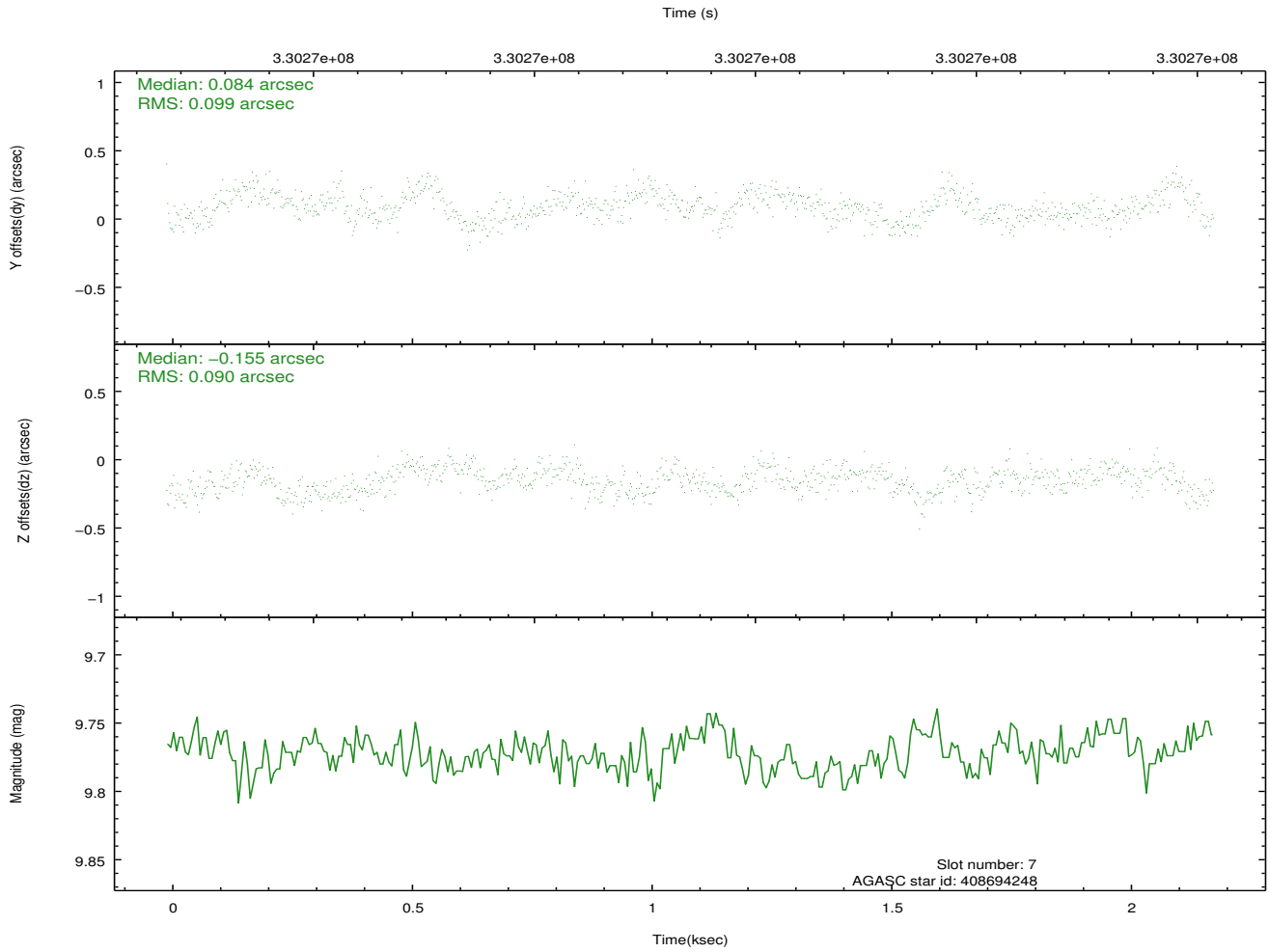
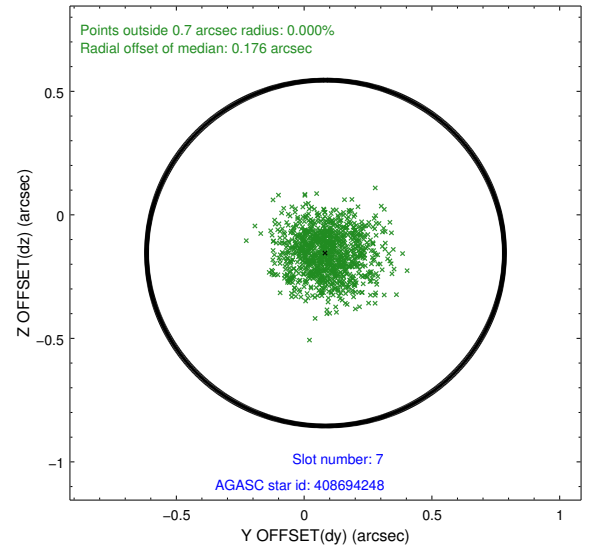
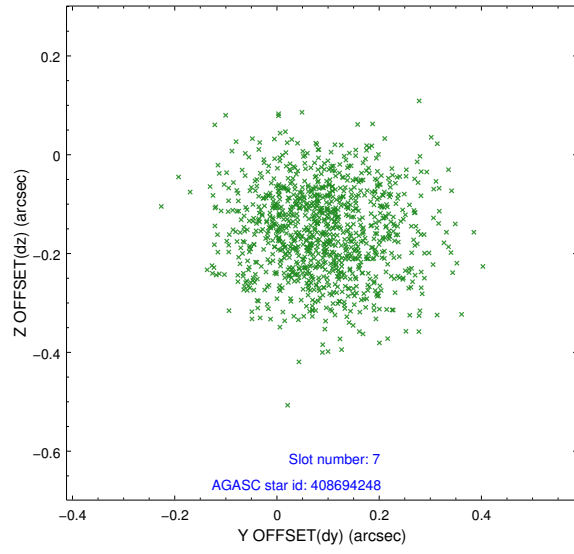
2.4.3 Slot 5



2.4.4 Slot 6

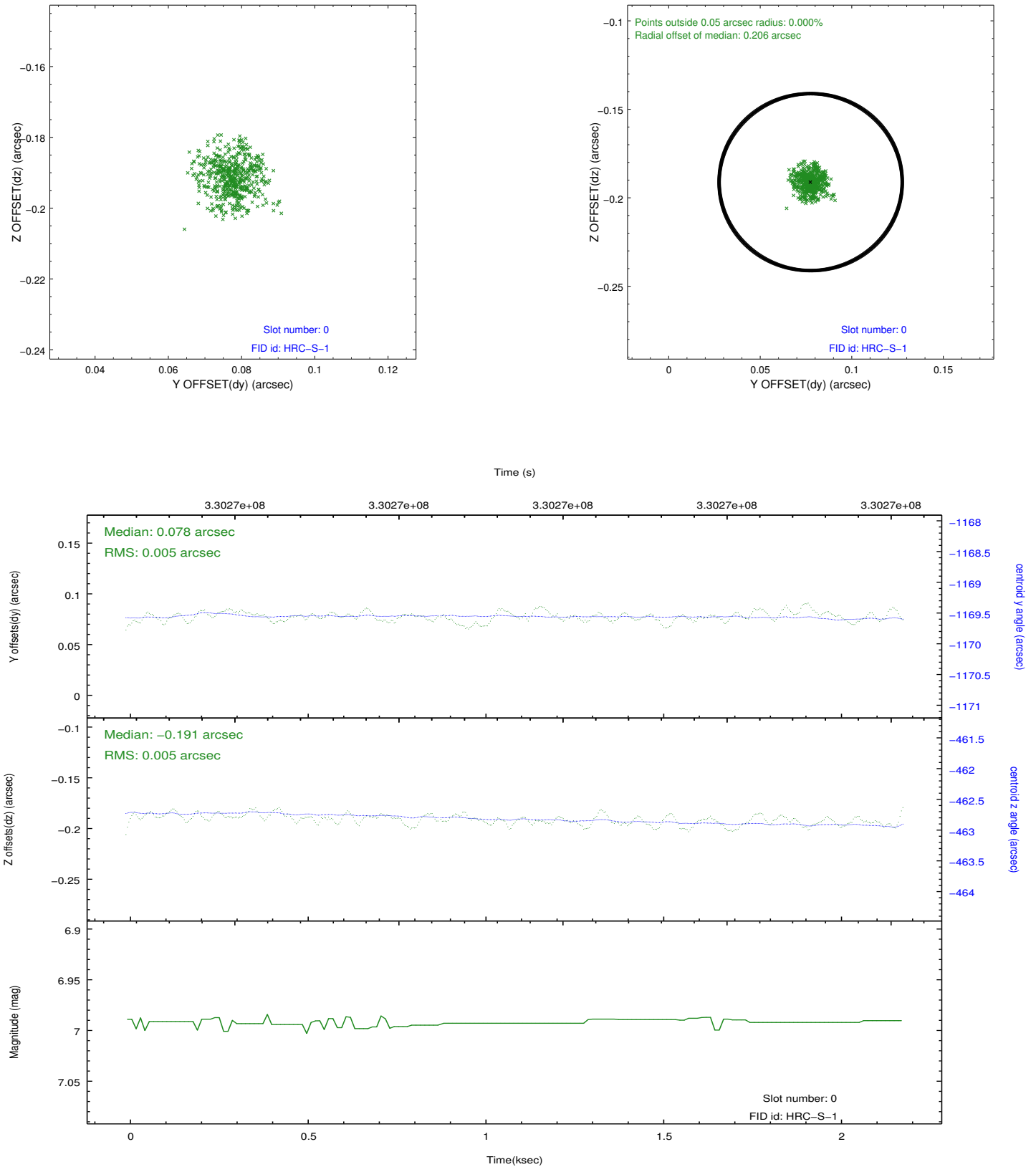


2.4.5 Slot 7

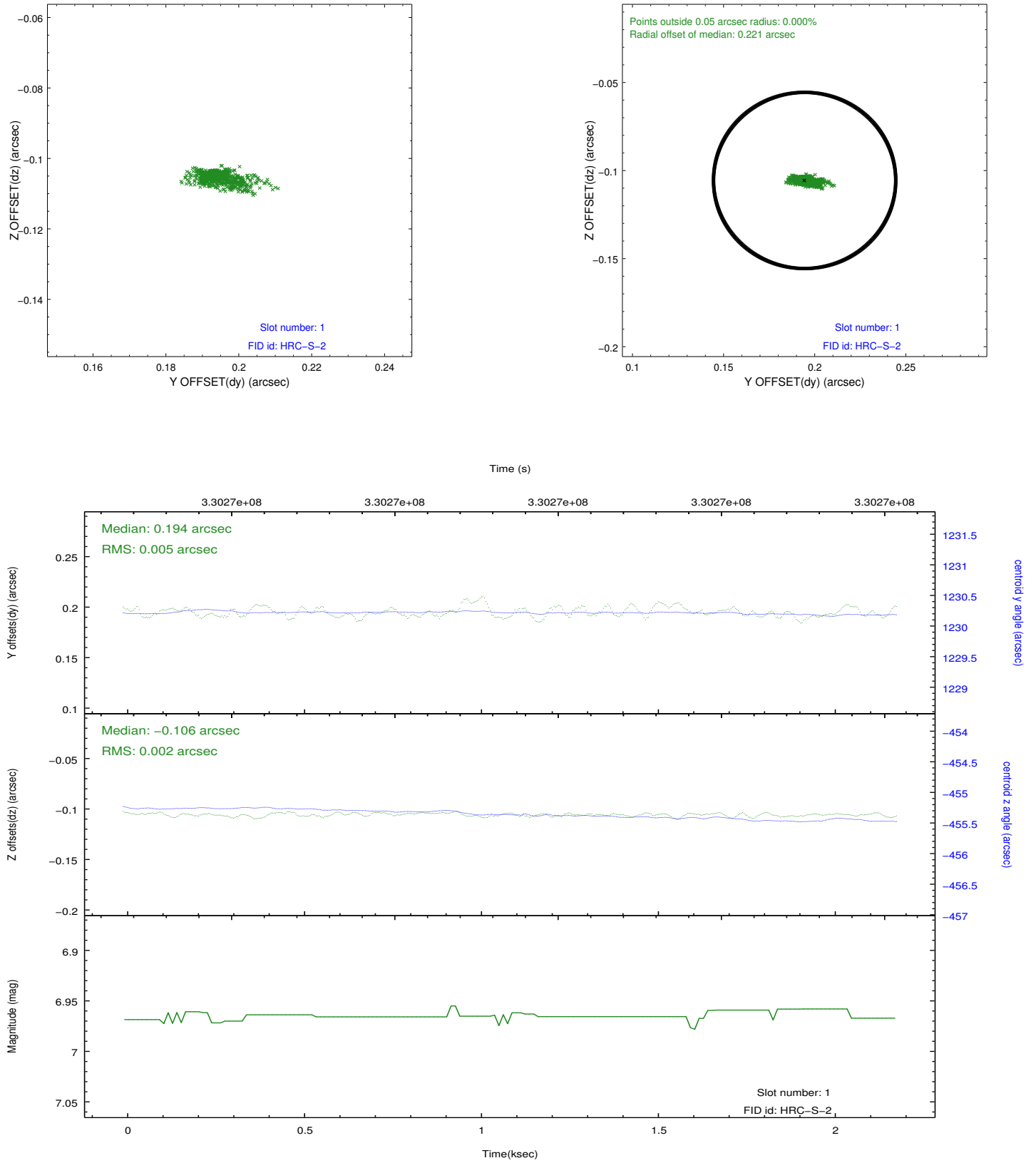


2.5 FID Slots

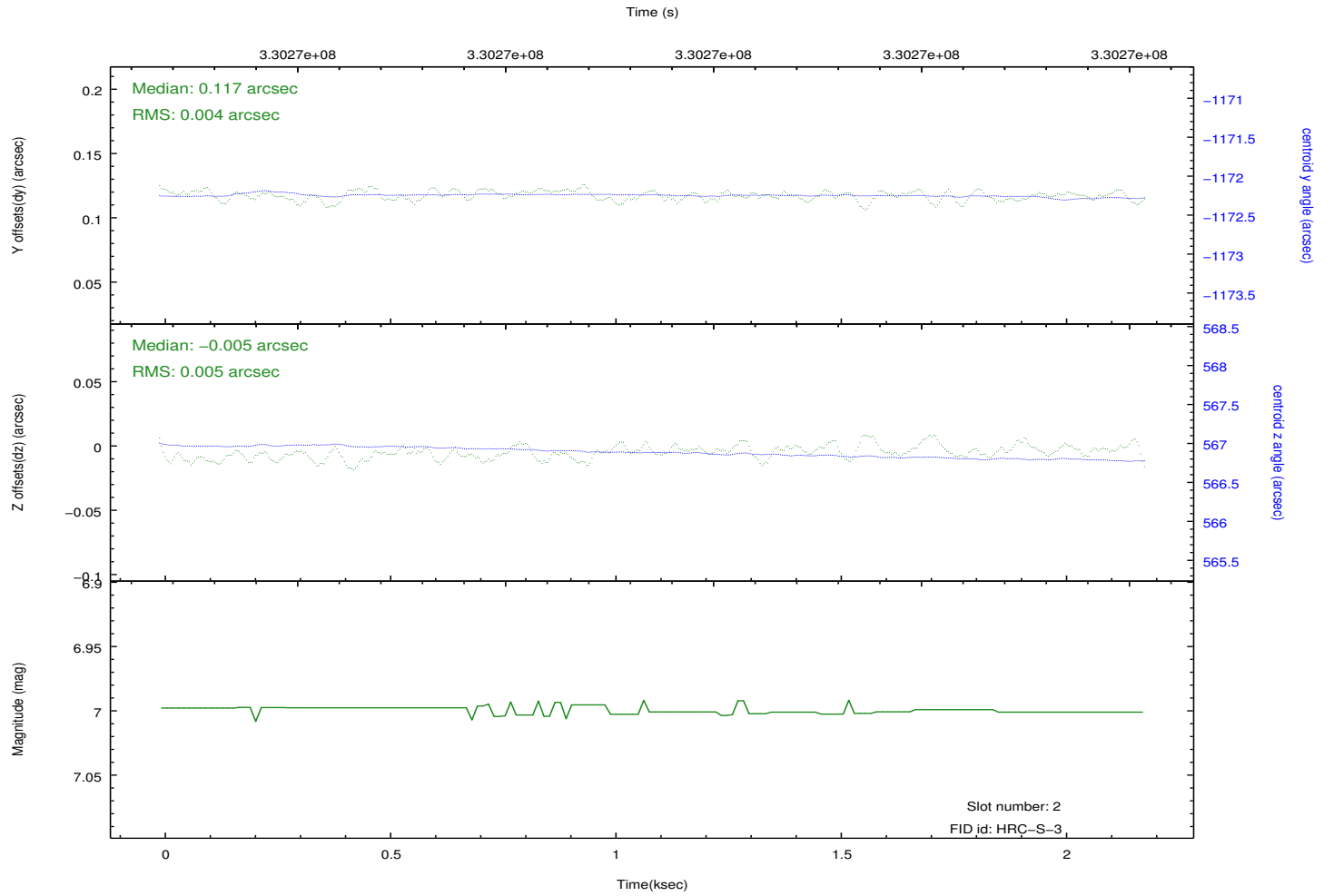
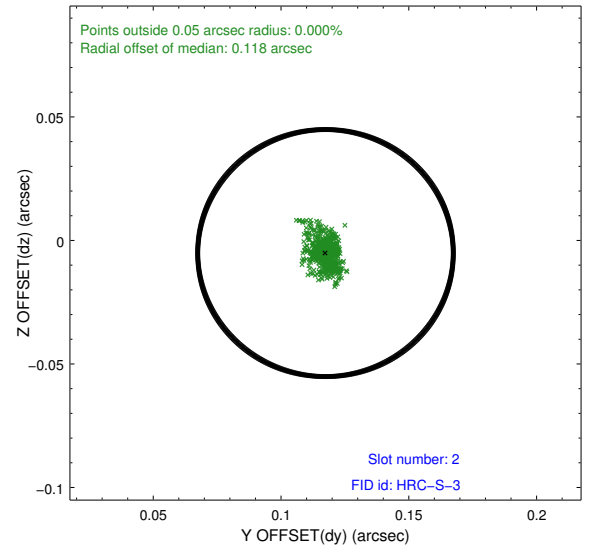
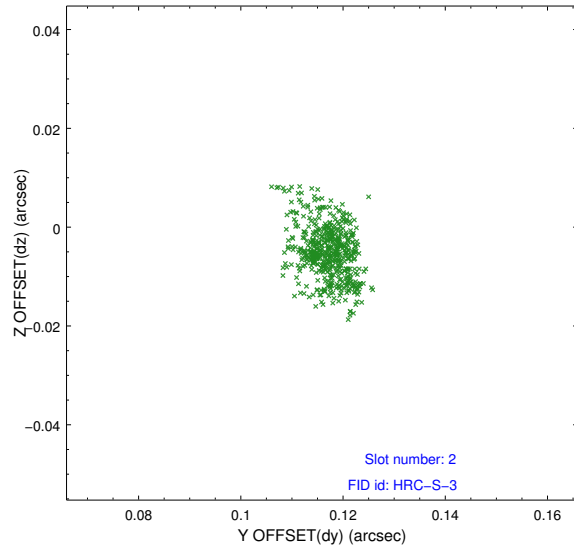
2.5.1 Slot 0



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)	2012.08.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.18453135

A.2 Comments

Window preference met.