

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8283 - L2 Version 4
Chandra X-Ray Center

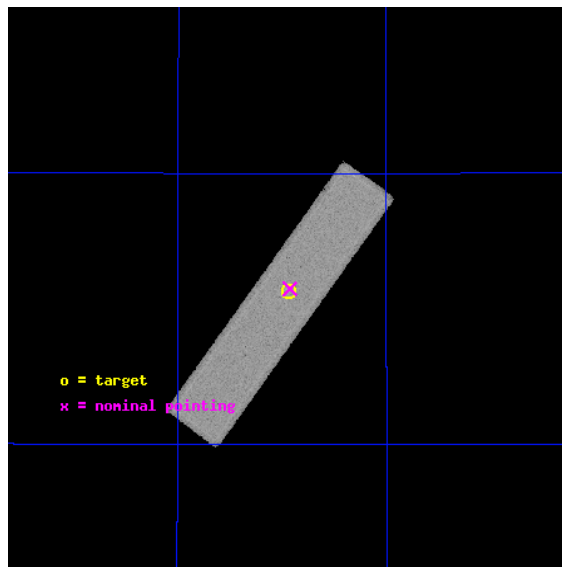
L2 Processing Date : Aug 11 2012

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1 Front

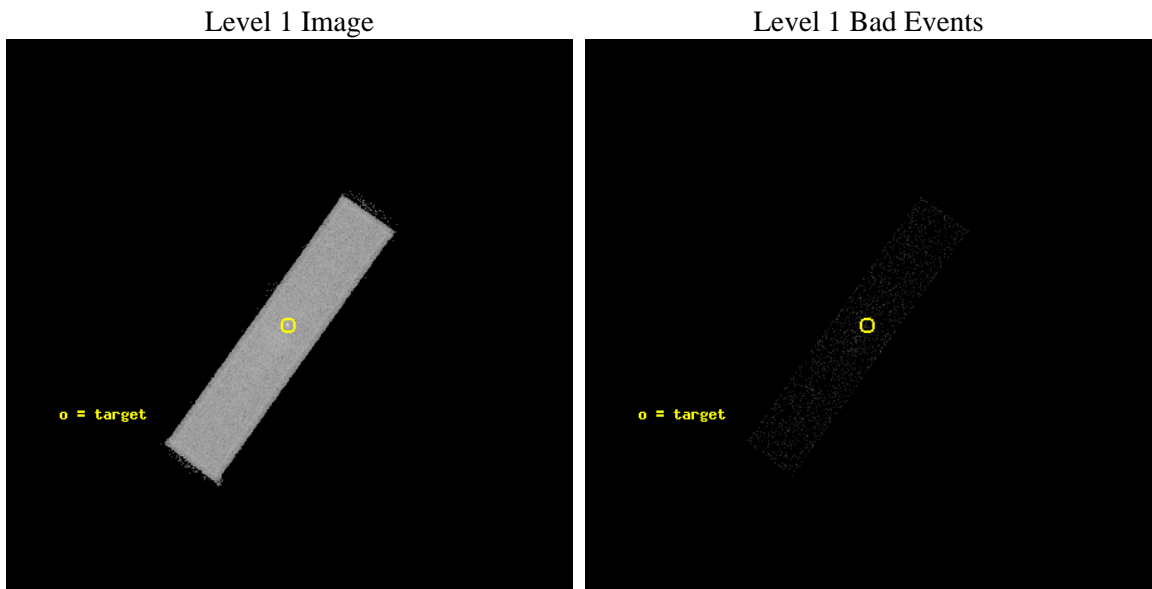
seq_num	290662	Sequence number
obs_id	8283	Observation id
title	AO8 Measurements of the optical/UV Transmission of the HRC Filters.	
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.23130189271	Nominal RA [deg]
dec_nom	38.787632103335	Nominal Dec [deg]
roll_nom	125.69752284569	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2190.6813544035	[s]
livetime	2172.8009209064	Ontime multiplied by DTCOR
l2events	122134	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	2190.6813544035	[s]
caldsver	4.5.1.1	 	l1events	227909	Number of level 1 events
date	2012-08-11T21:17:04	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

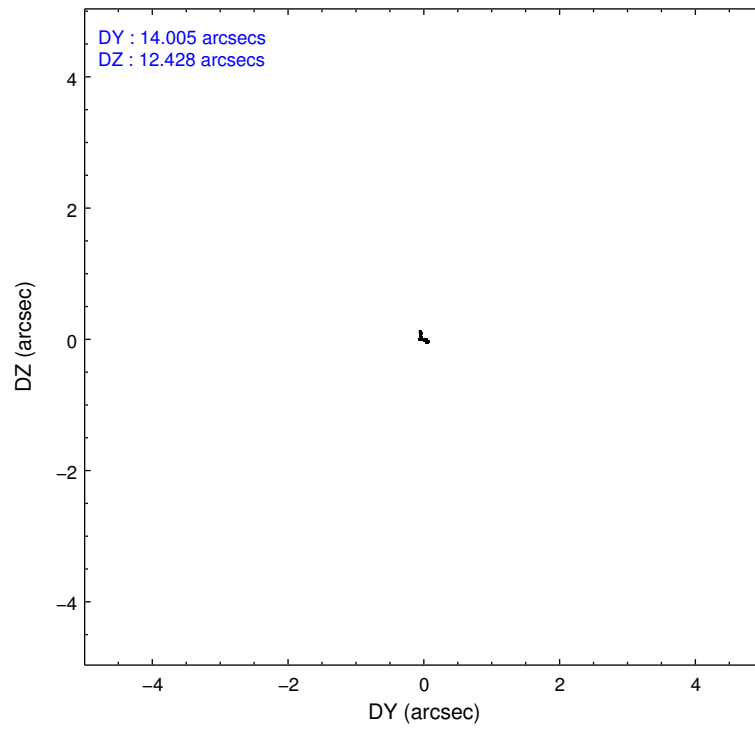
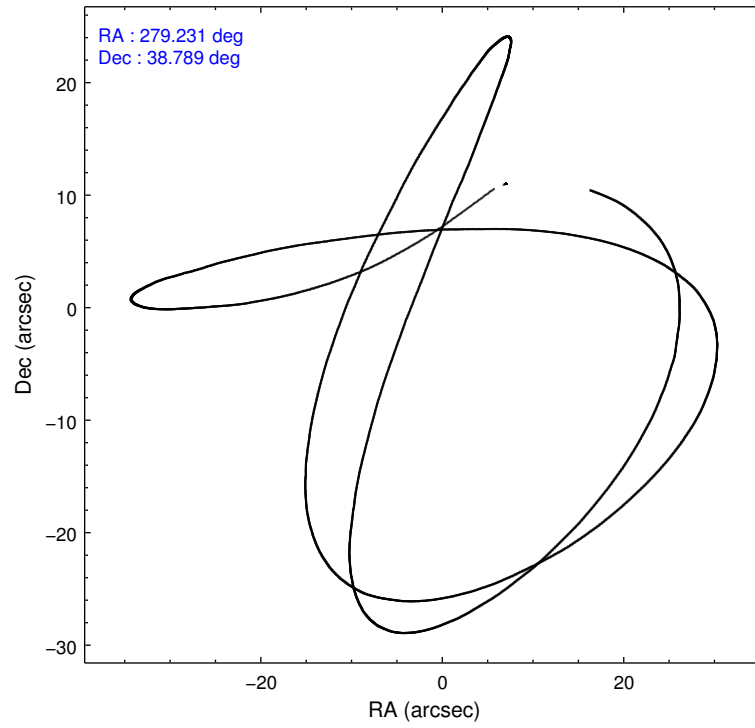
	segment 1	segment 2	segment 3
level 1 events	0	227909	0
rejected events	0	78750	0
rejected %	0%	34%	0%

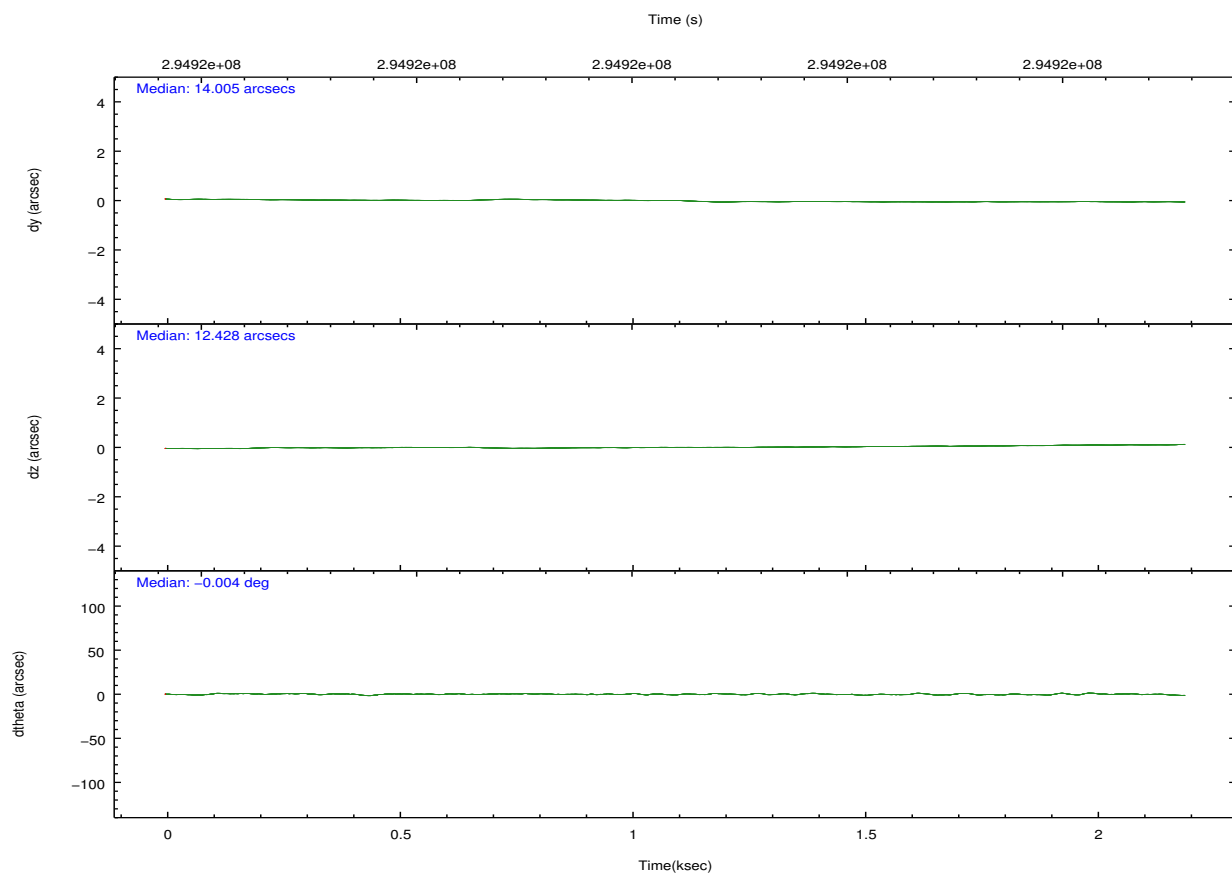
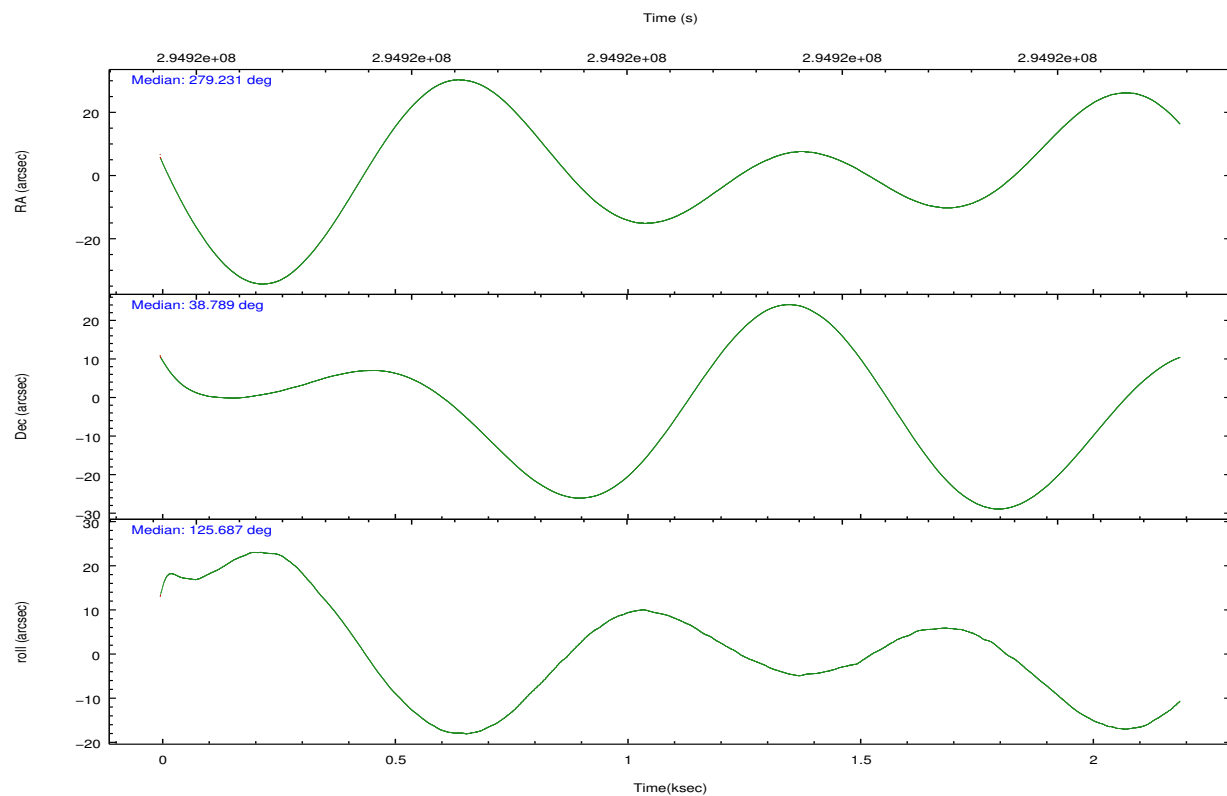
2.2 Compared Parameters

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	279.265775	279.2313018927056
[deg] Pointing Dec	38.777186	38.78763210333462
[deg] Pointing Roll	125.608497	125.6975228456862
[s] Window start time (MET)	289094465.184000	289094465.184000
[s] Window stop time (MET)	296956865.184000	296956865.184000
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	294916698.184000	294915482.74922
Observation start date	2007-05-07T09:17:13	2007-05-07T08:58:02
[s] Observation end time (MET)	294918698.184000	294918832.44938
Observation end date	2007-05-07T09:50:33	2007-05-07T09:53:52

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

2.3 Aspect



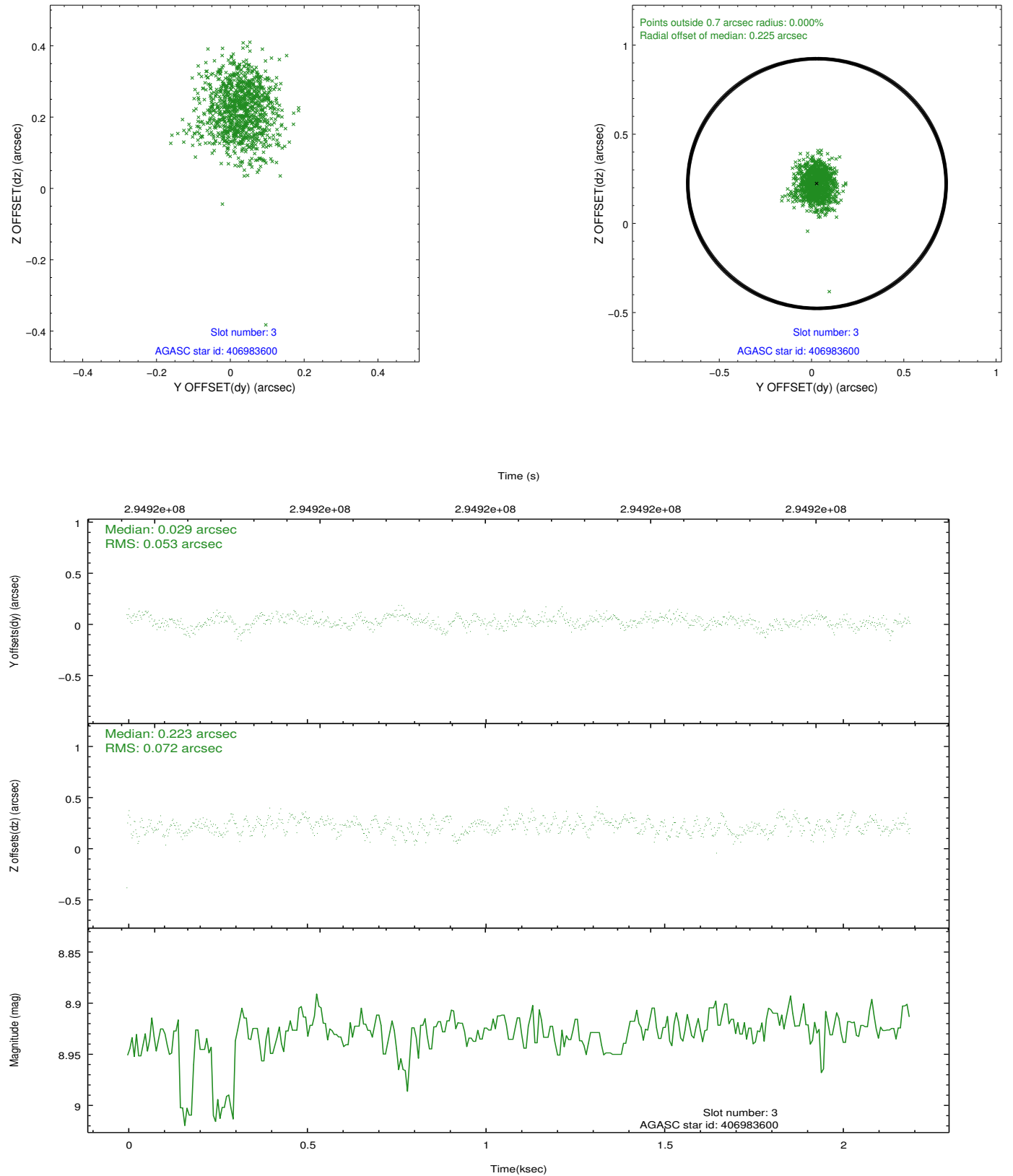


Slot Statistics

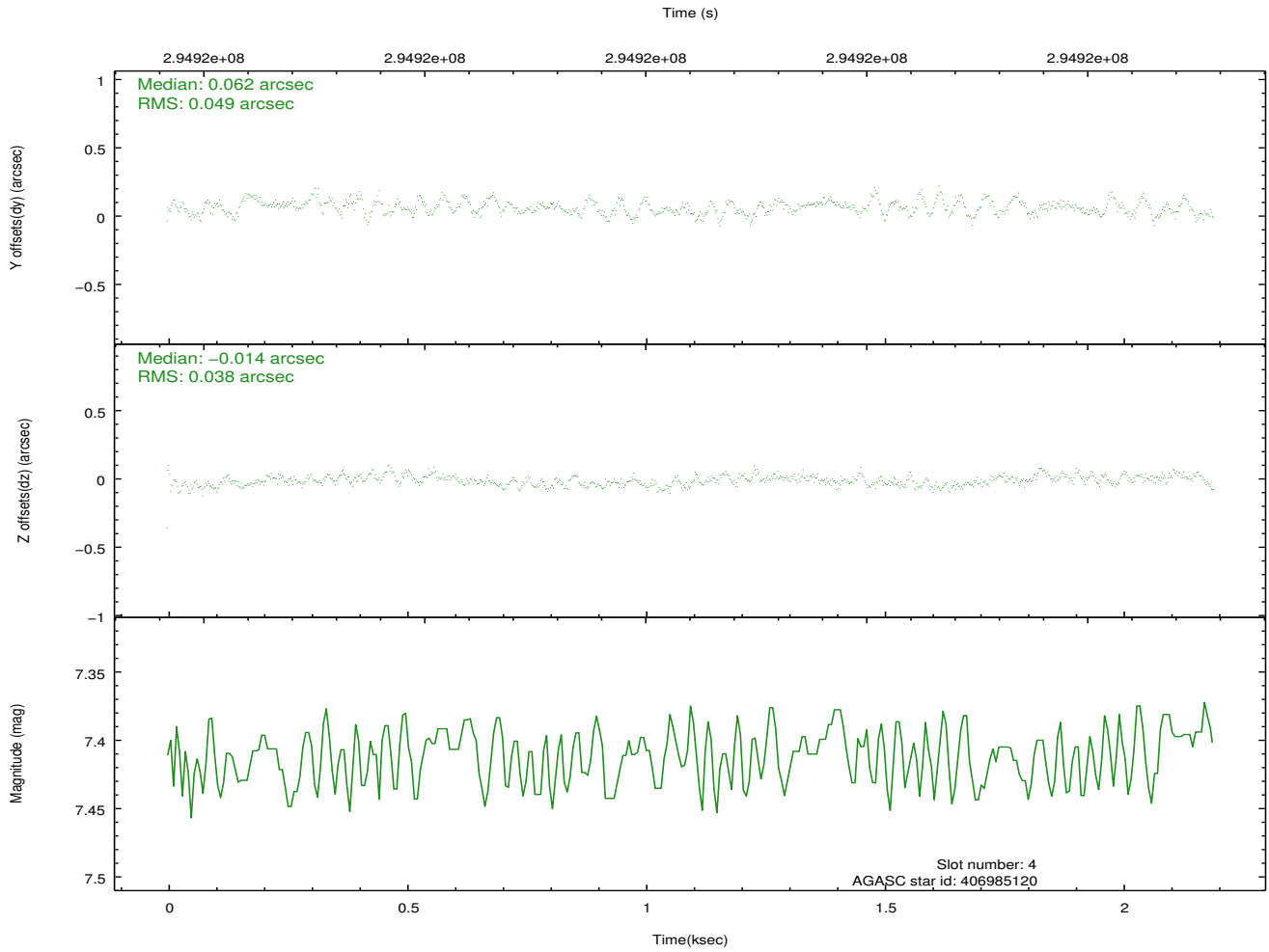
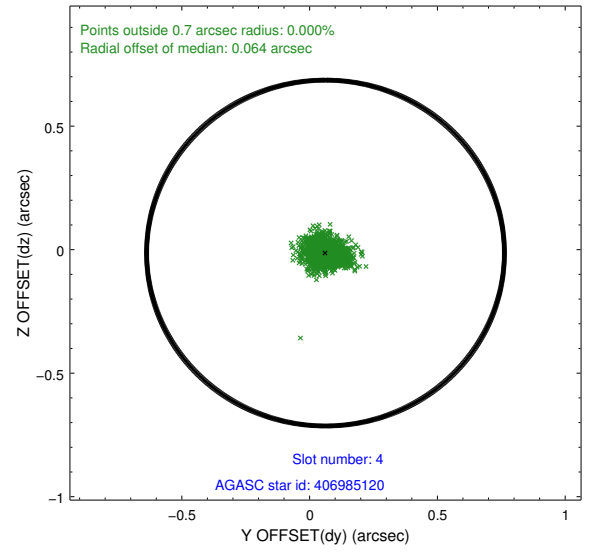
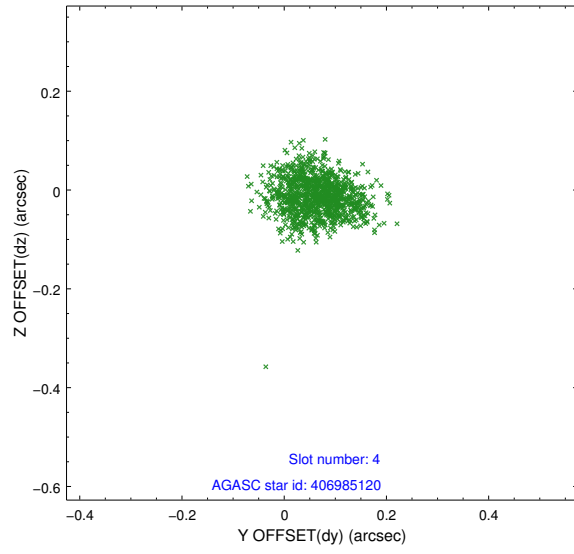
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	535	0.093	-0.128	0.007	0.011	0.000000	0.000000	-1168.35	-461.16
1	FID	HRC-S-2	6.96	535	0.172	-0.102	0.005	0.009	0.000000	0.000000	1229.21	-454.59
2	FID	HRC-S-3	6.98	535	0.125	-0.072	0.007	0.010	0.000000	0.000000	-1168.76	567.57
3	GUIDE	406983600	8.93	1065	0.029	0.223	0.091	0.155	279.940957	39.020708	-381.55	-2050.13
4	GUIDE	406985120	7.41	1070	0.062	-0.014	0.065	0.103	278.839732	38.894839	1041.25	720.29
5	GUIDE	406993992	7.64	1070	0.079	-0.064	0.067	0.108	279.053714	38.034587	-1822.45	2044.93
6	GUIDE	407521232	8.64	1069	-0.098	0.200	0.089	0.141	279.628883	39.431715	1328.14	-2191.94
7	GUIDE	406987272	6.94	1069	-0.069	-0.343	0.073	0.109	278.536588	38.437504	210.86	2376.26

2.4 Star Slots

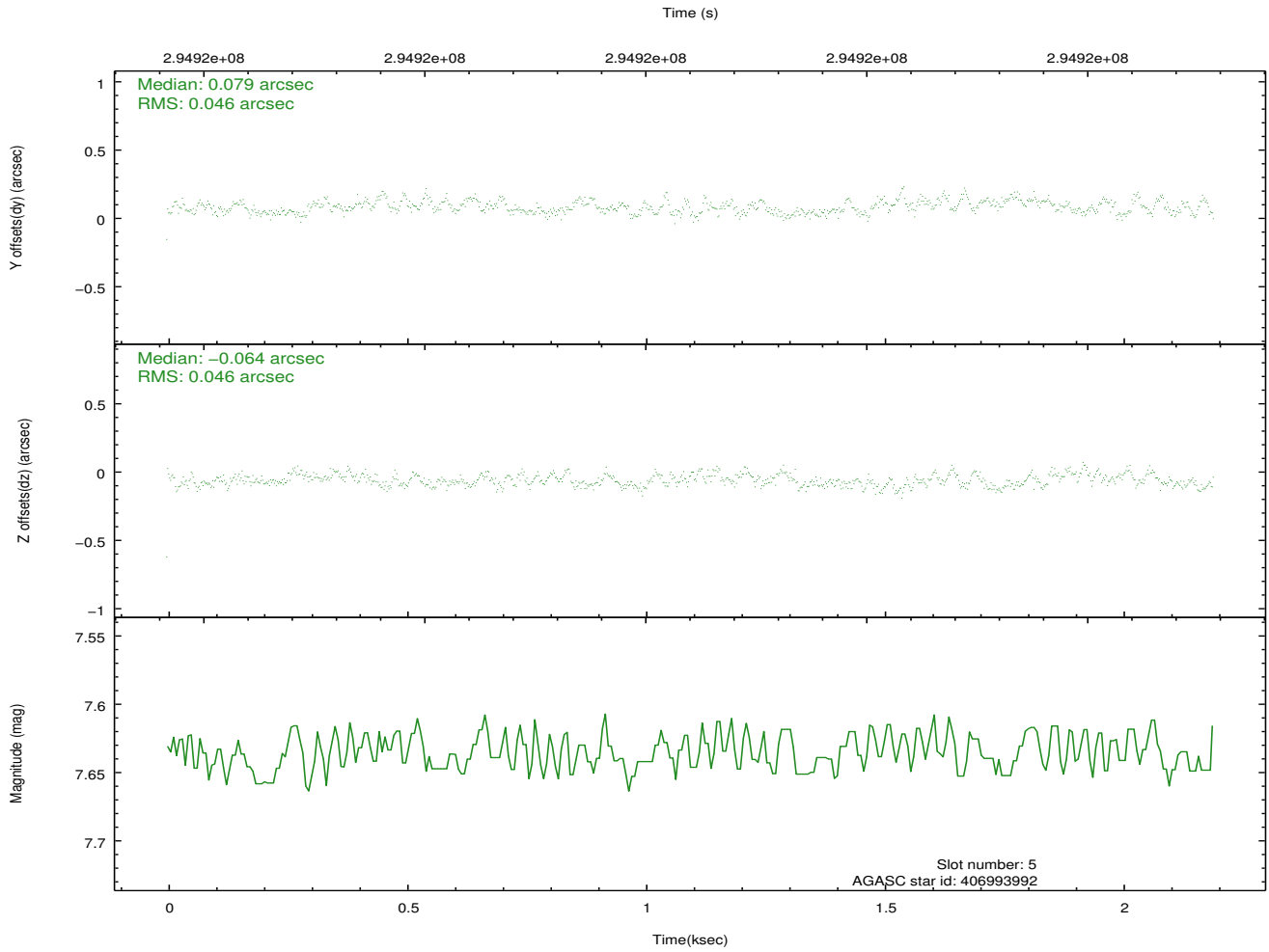
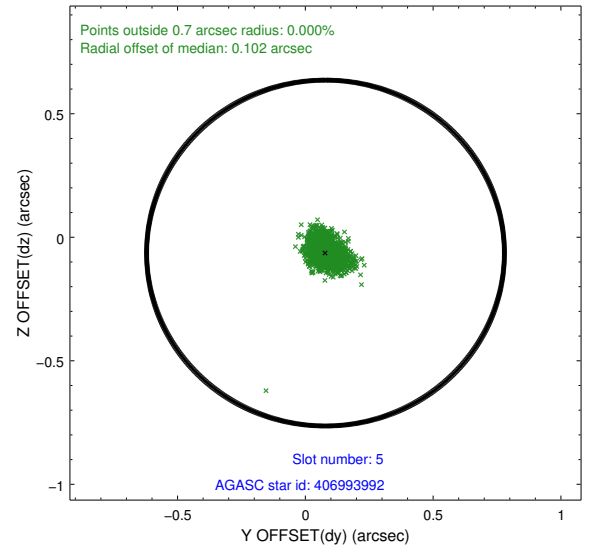
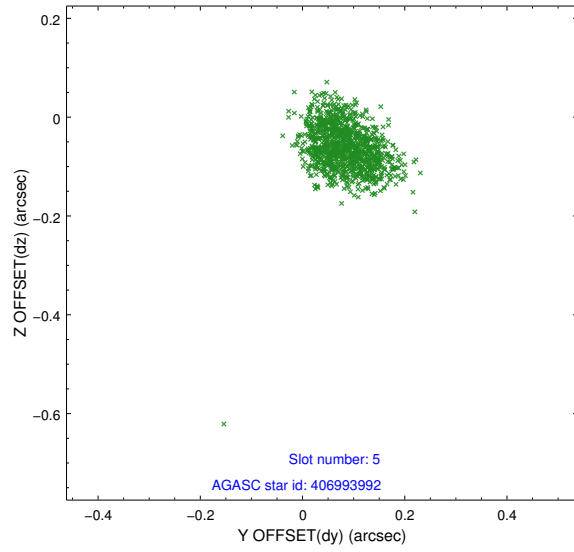
2.4.1 Slot 3



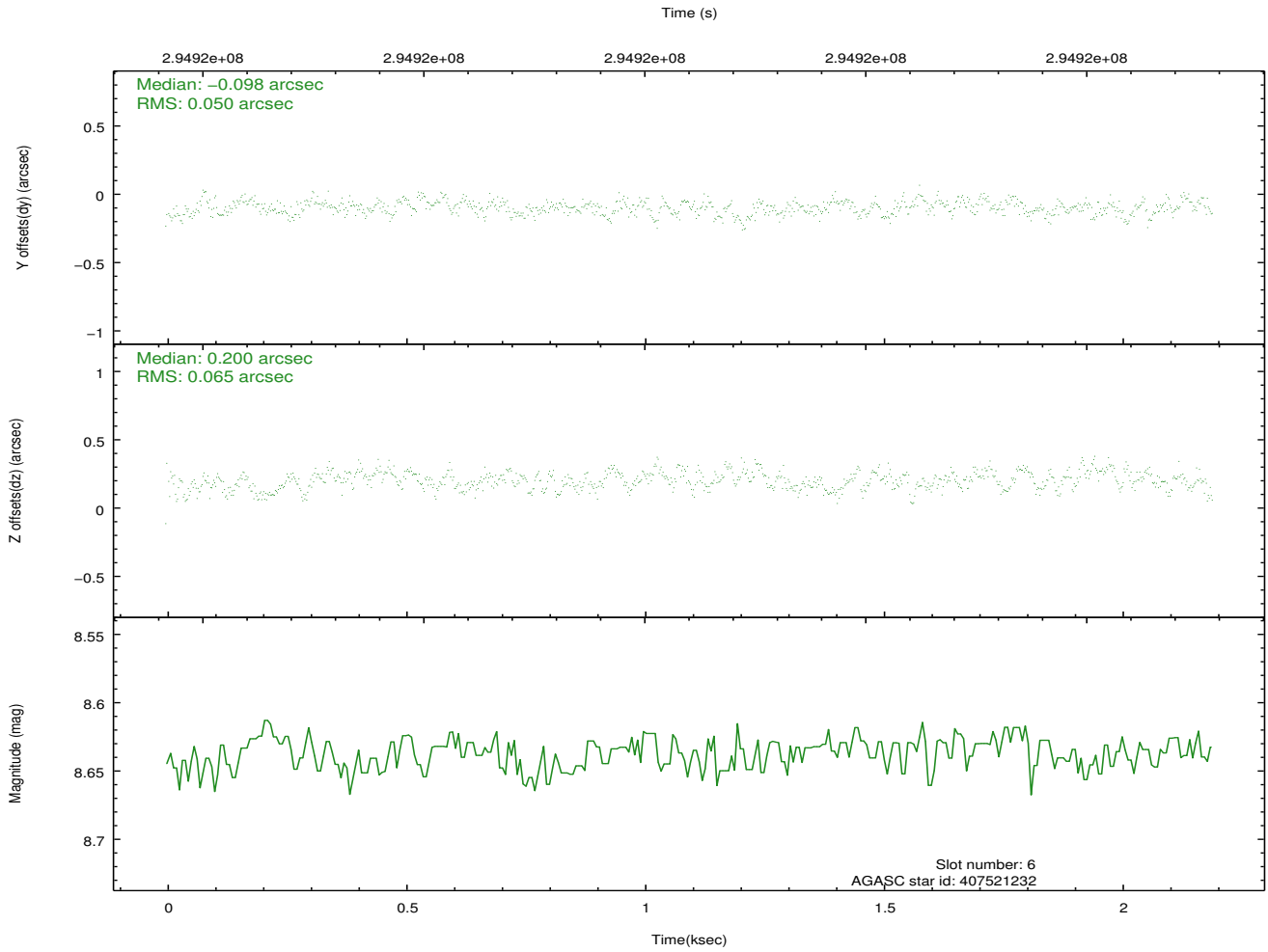
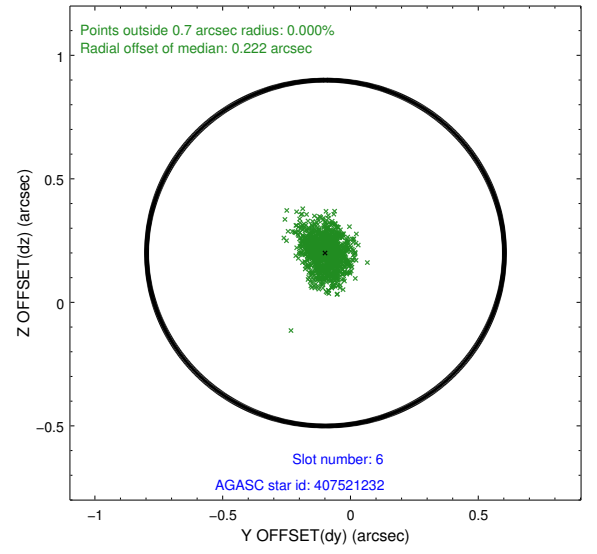
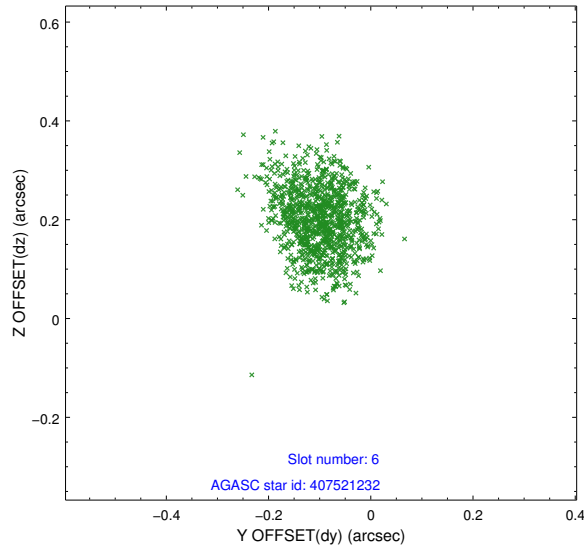
2.4.2 Slot 4



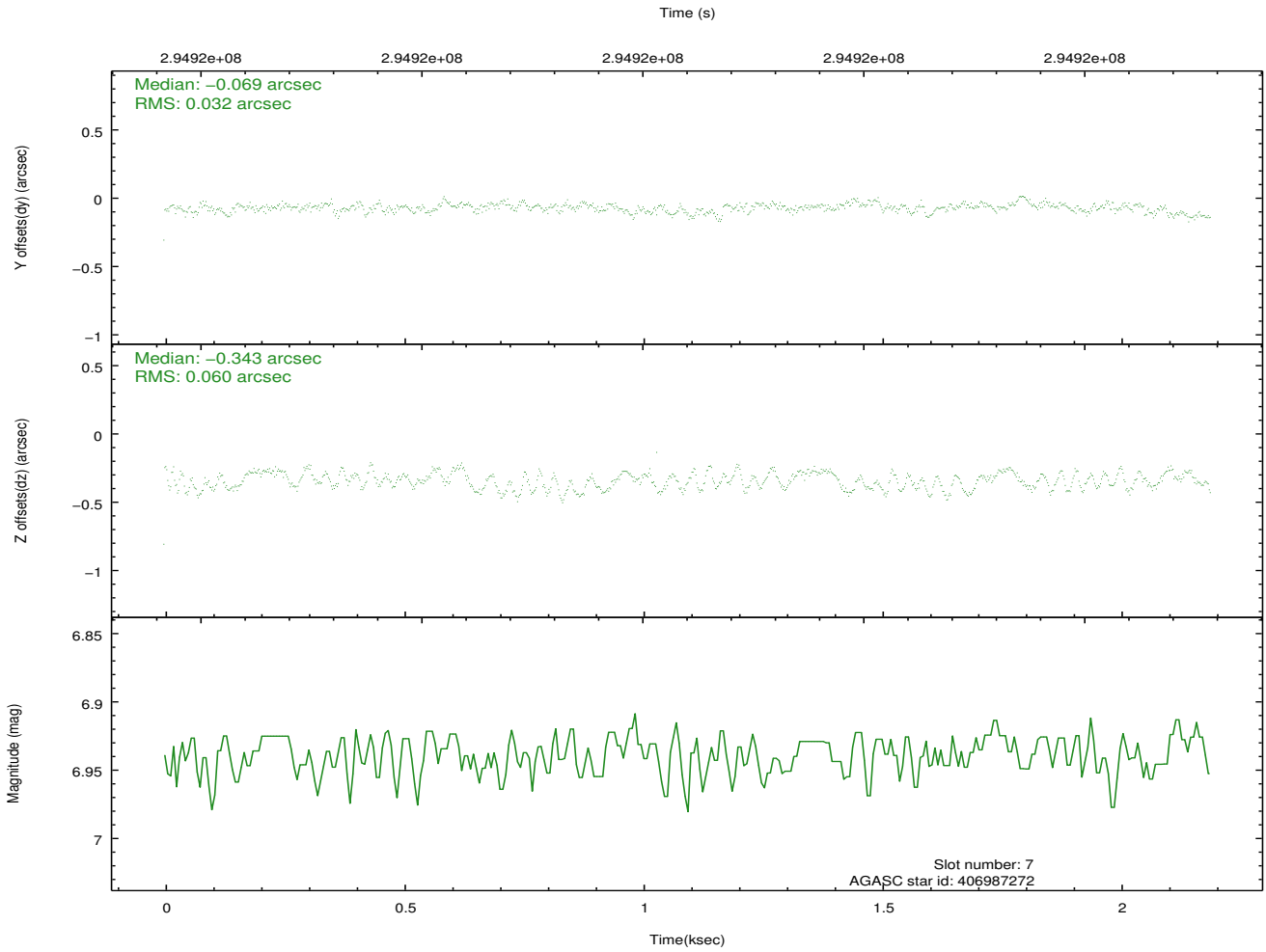
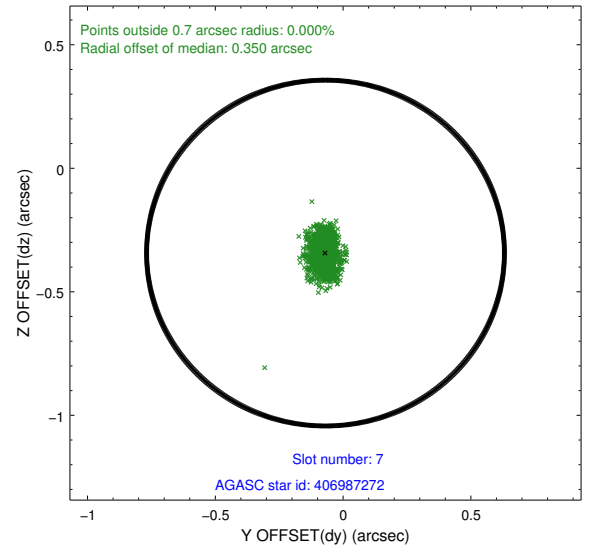
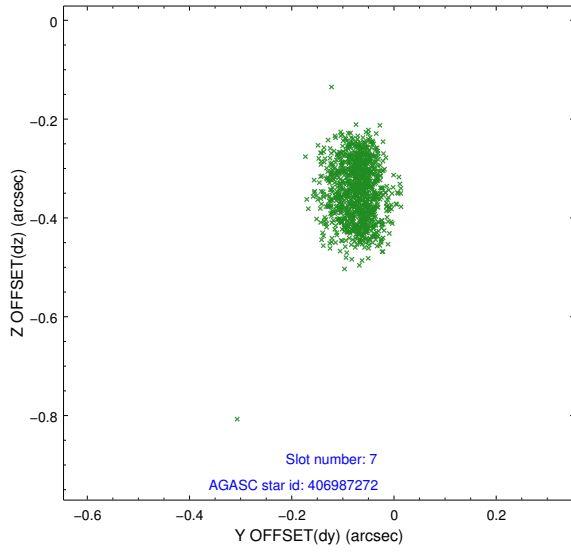
2.4.3 Slot 5



2.4.4 Slot 6

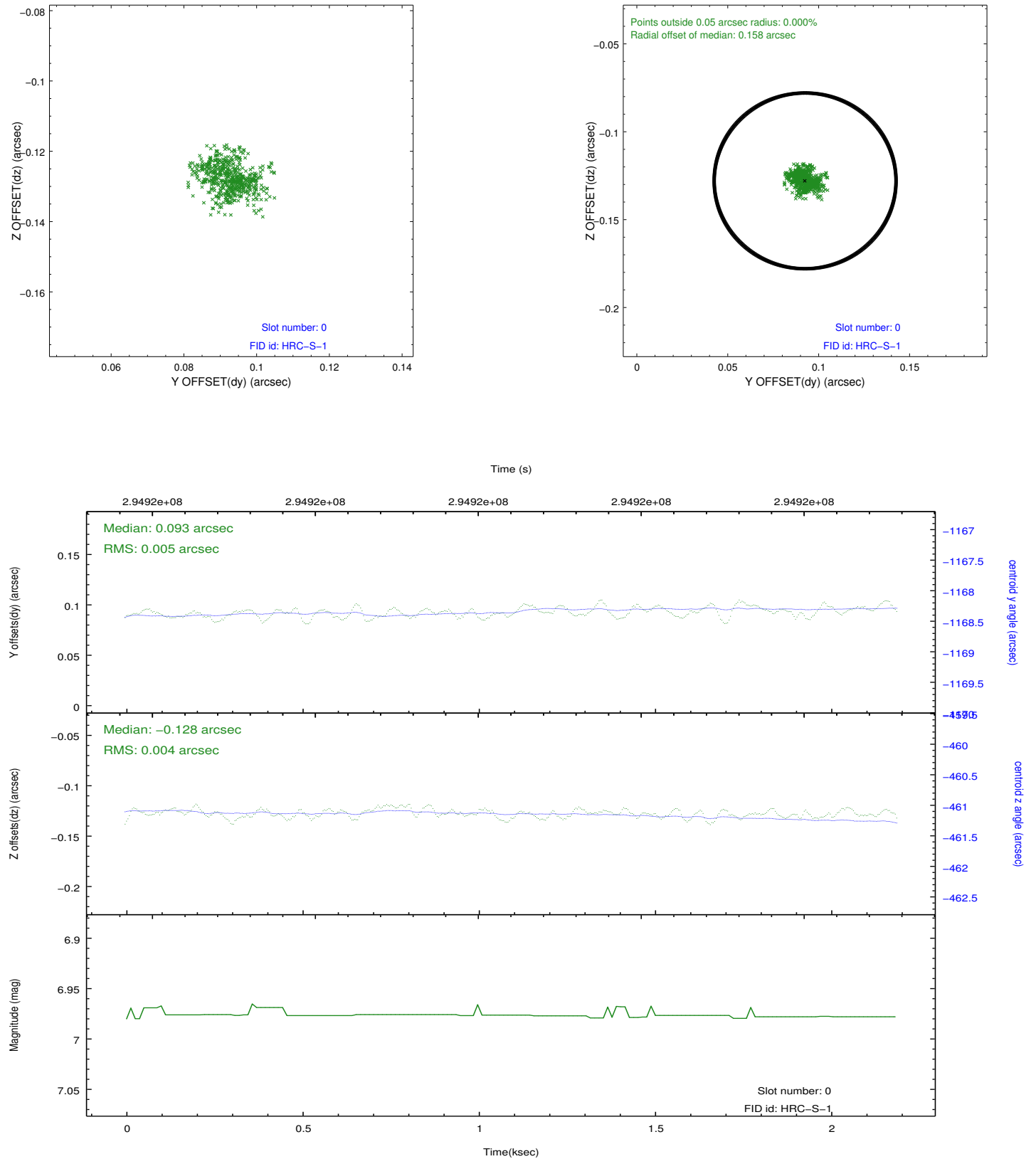


2.4.5 Slot 7

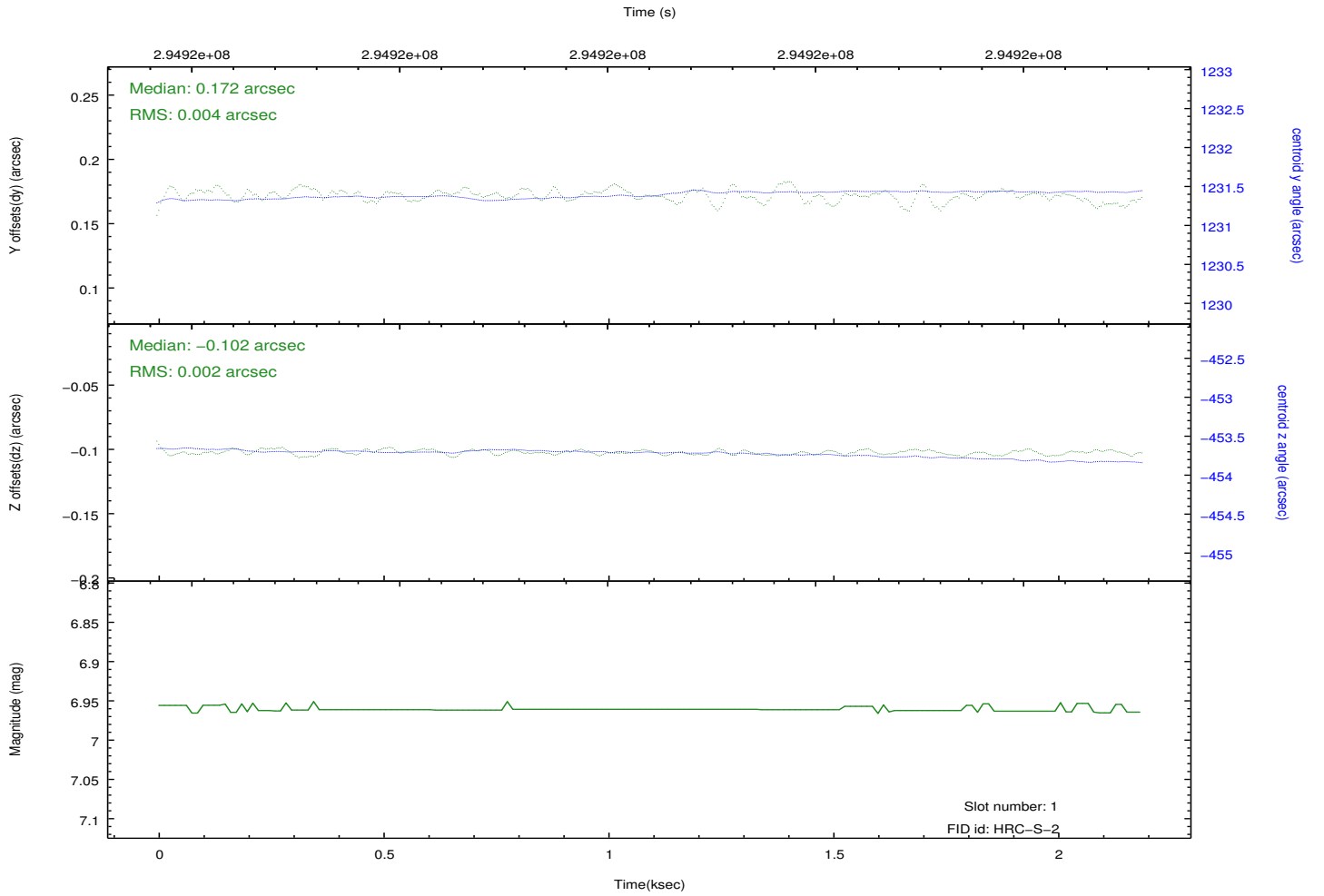
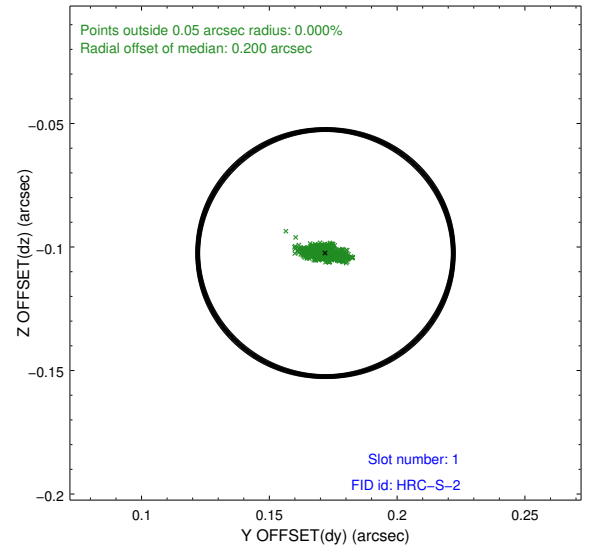
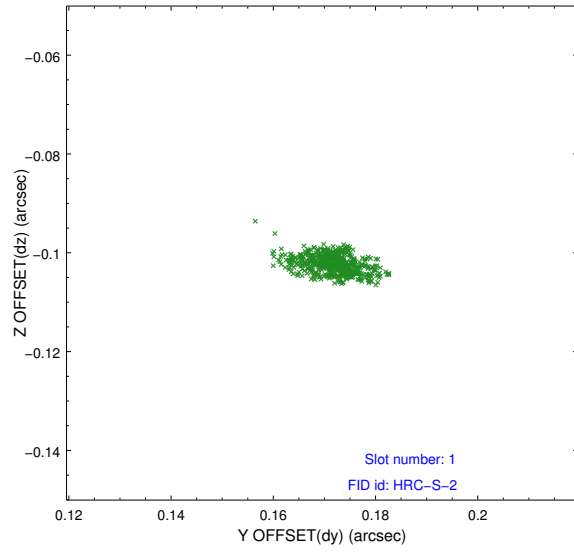


2.5 FID Slots

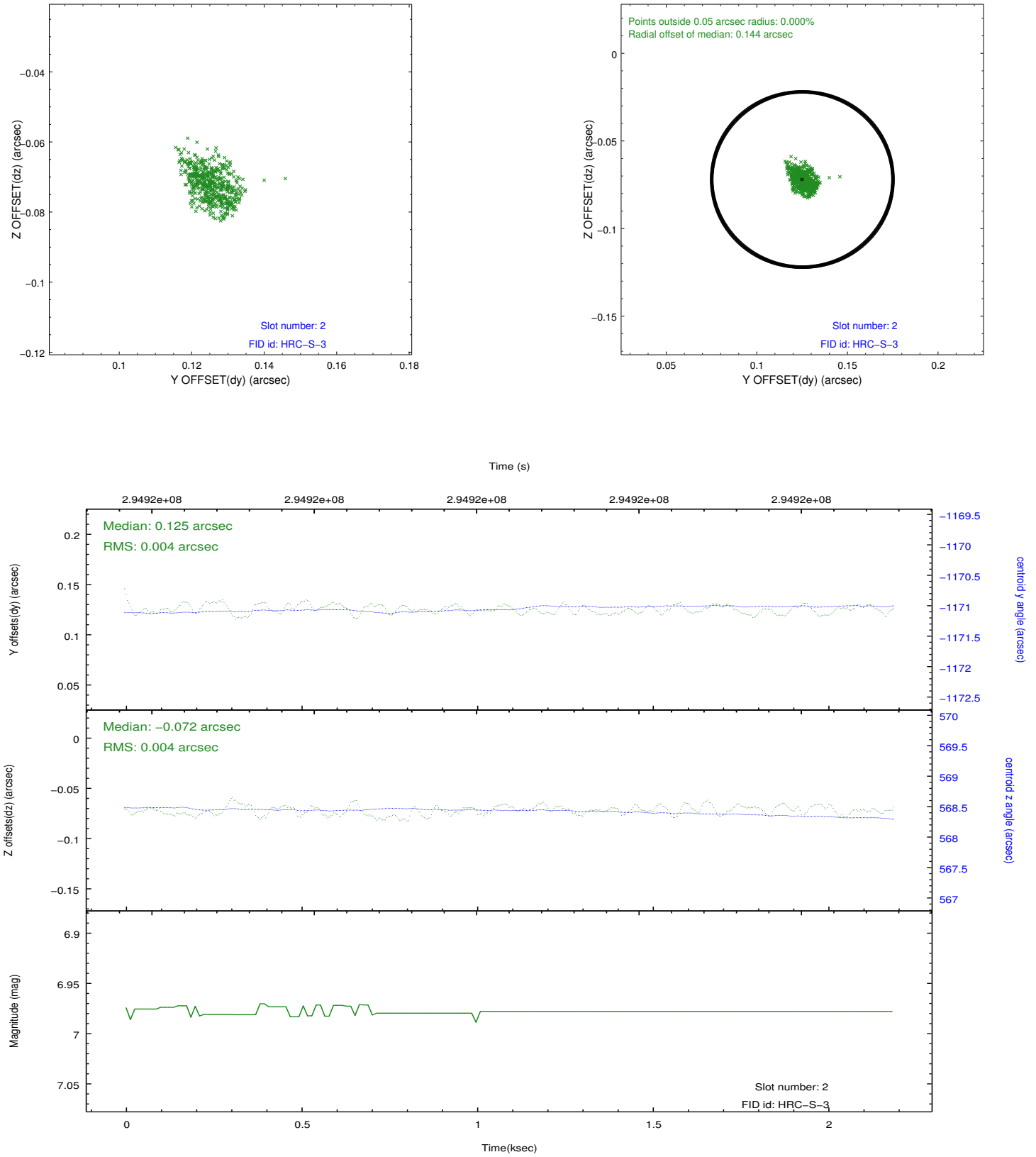
2.5.1 Slot 0



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	2.19068135

A.2 Comments

Window constraint met.