

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6493 - L2 Version 3
Chandra X-Ray Center

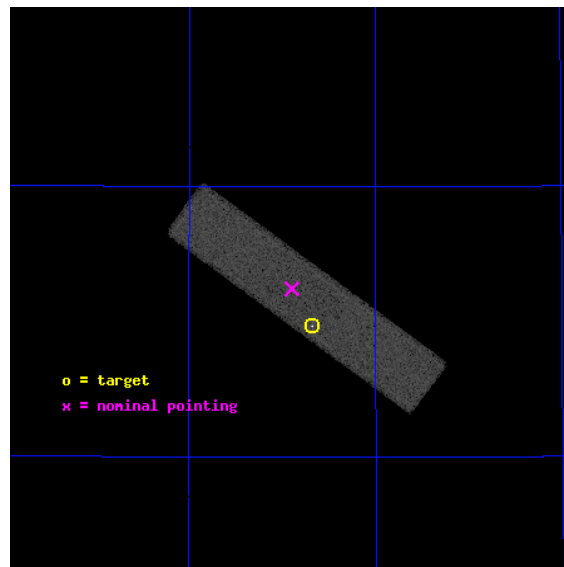
L2 Processing Date : Aug 11 2012

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1 Front

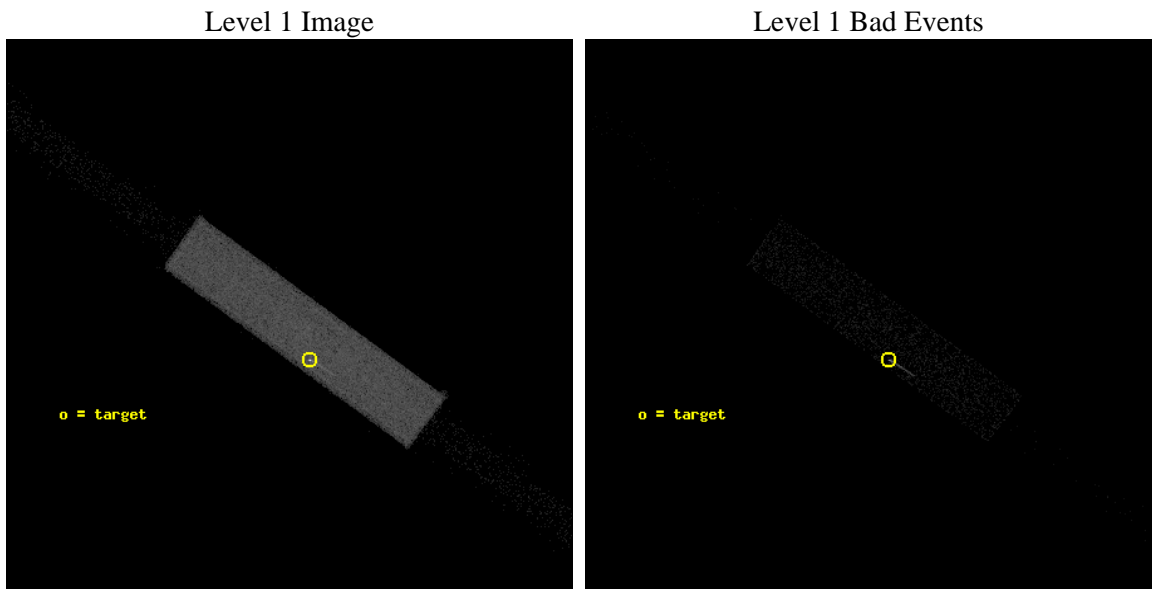
seq_num	290586	Sequence number
obs_id	6493	Observation id
title	AO7 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.22446913099	Nominal RA [deg]
dec_nom	45.811304033606	Nominal Dec [deg]
roll_nom	35.998892191196	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1149.2813034952	[s]
livetime	1140.0312009863	Ontime multiplied by DTCOR
l2events	66031	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	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1149.2813034952	[s]
caldbver	4.5.1.1	 	l1events	105951	Number of level 1 events
date	2012-08-11T05:41:45	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

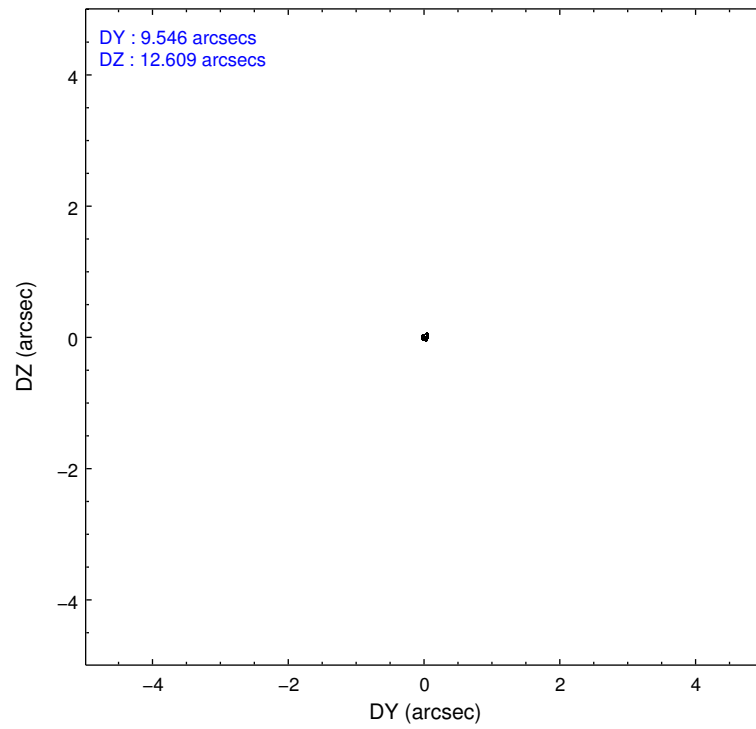
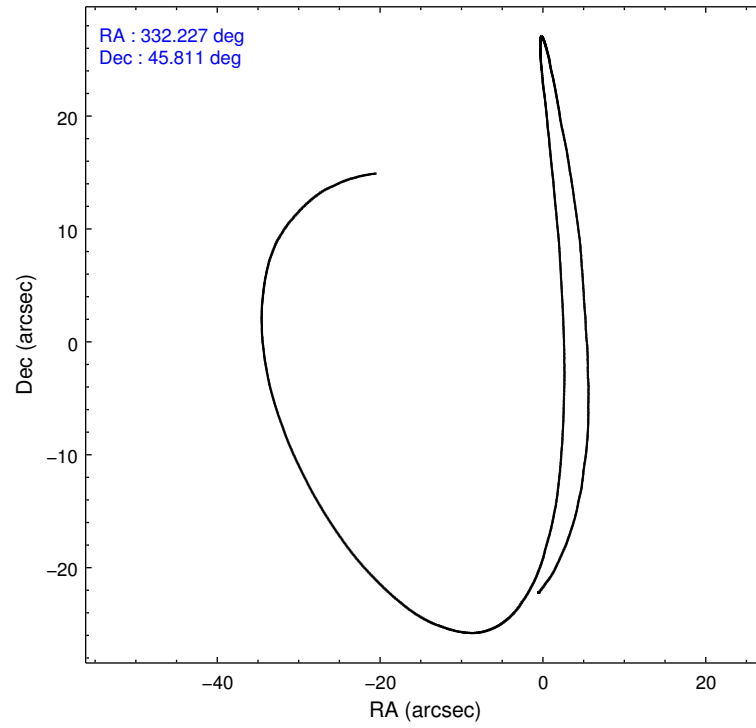
	segment 1	segment 2	segment 3
level 1 events	802	104327	822
rejected events	802	25451	822
rejected %	100%	24%	100%

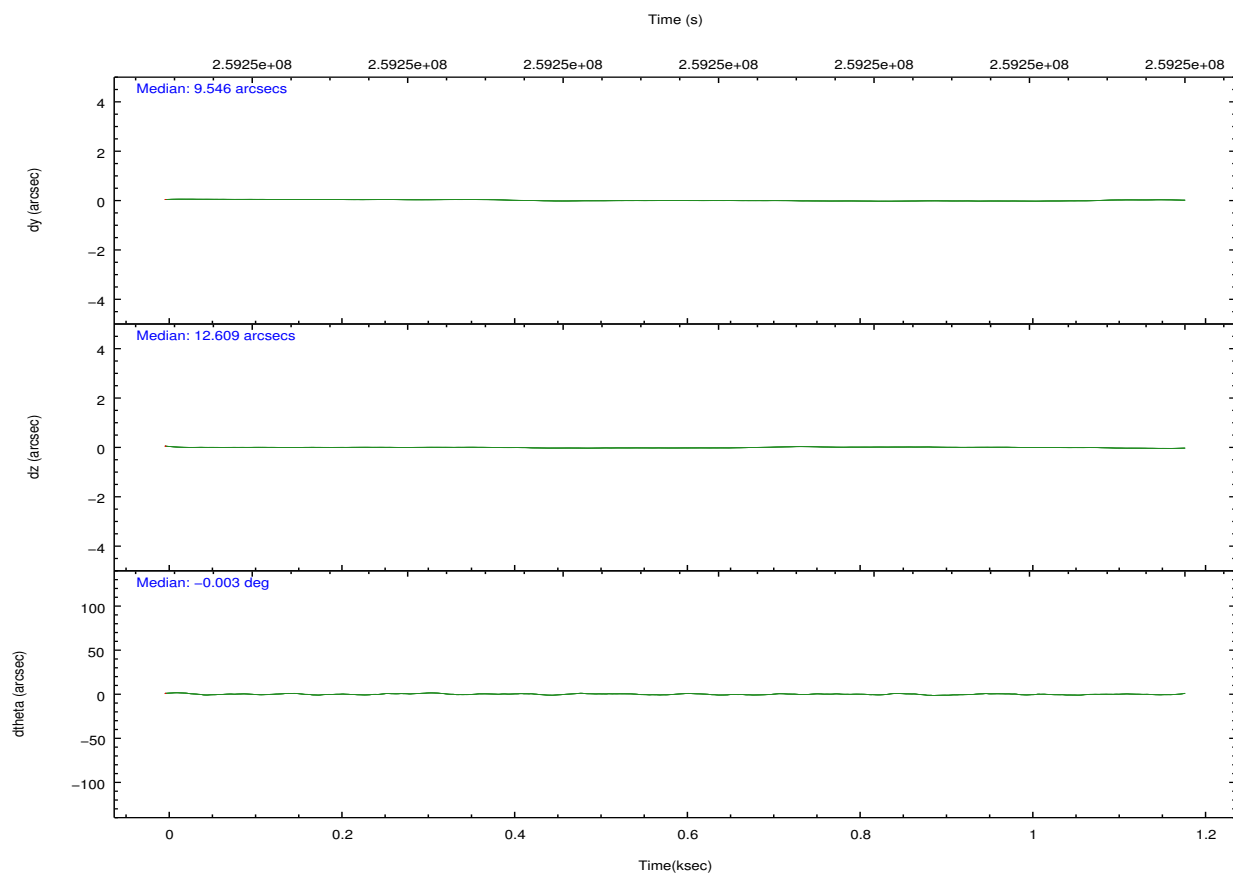
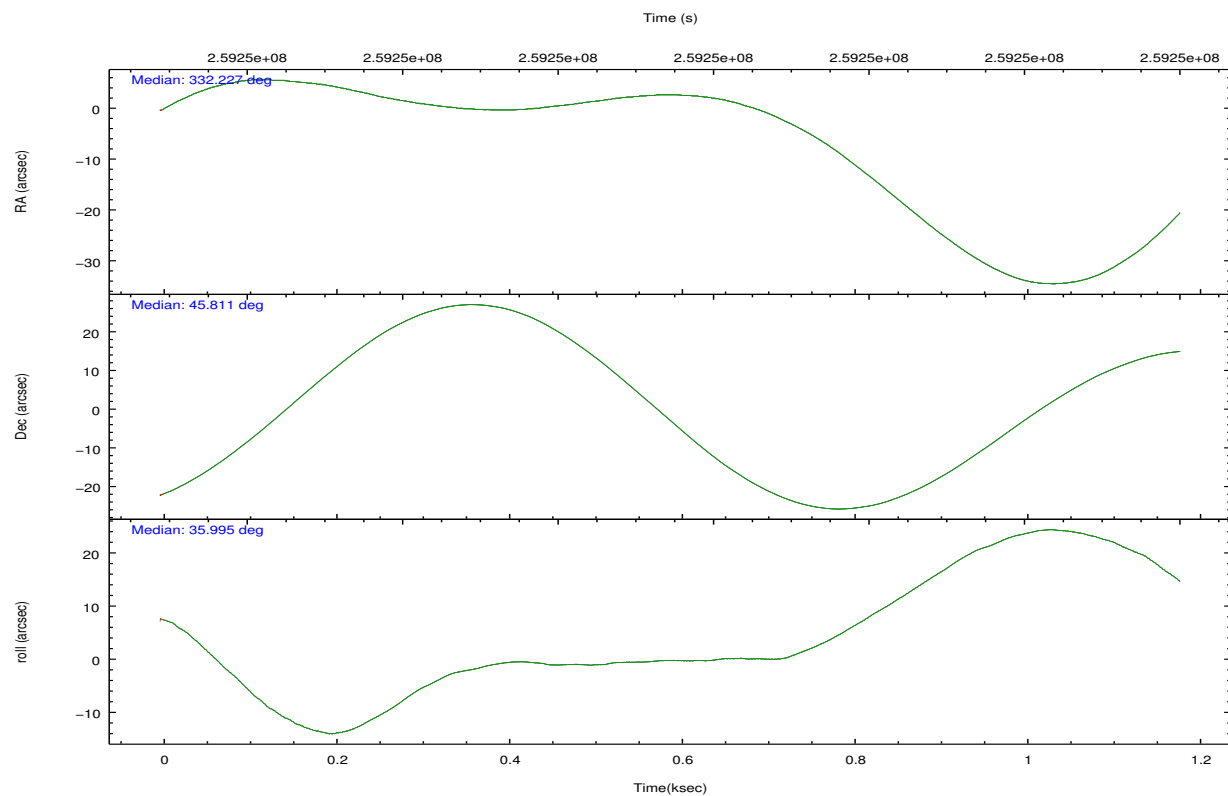
2.2 Compared Parameters

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	332.210049	332.2244691309853
[deg] Pointing Dec	45.784402	45.8113040336065
[deg] Pointing Roll	35.941894	35.99889219119612
[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)	259246129.184000	259245753.20592
Observation start date	2006-03-20T12:47:44	2006-03-20T12:42:33
[s] Observation end time (MET)	259247129.184000	259247263.03099
Observation end date	2006-03-20T13:04:24	2006-03-20T13:07:43

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

2.3 Aspect



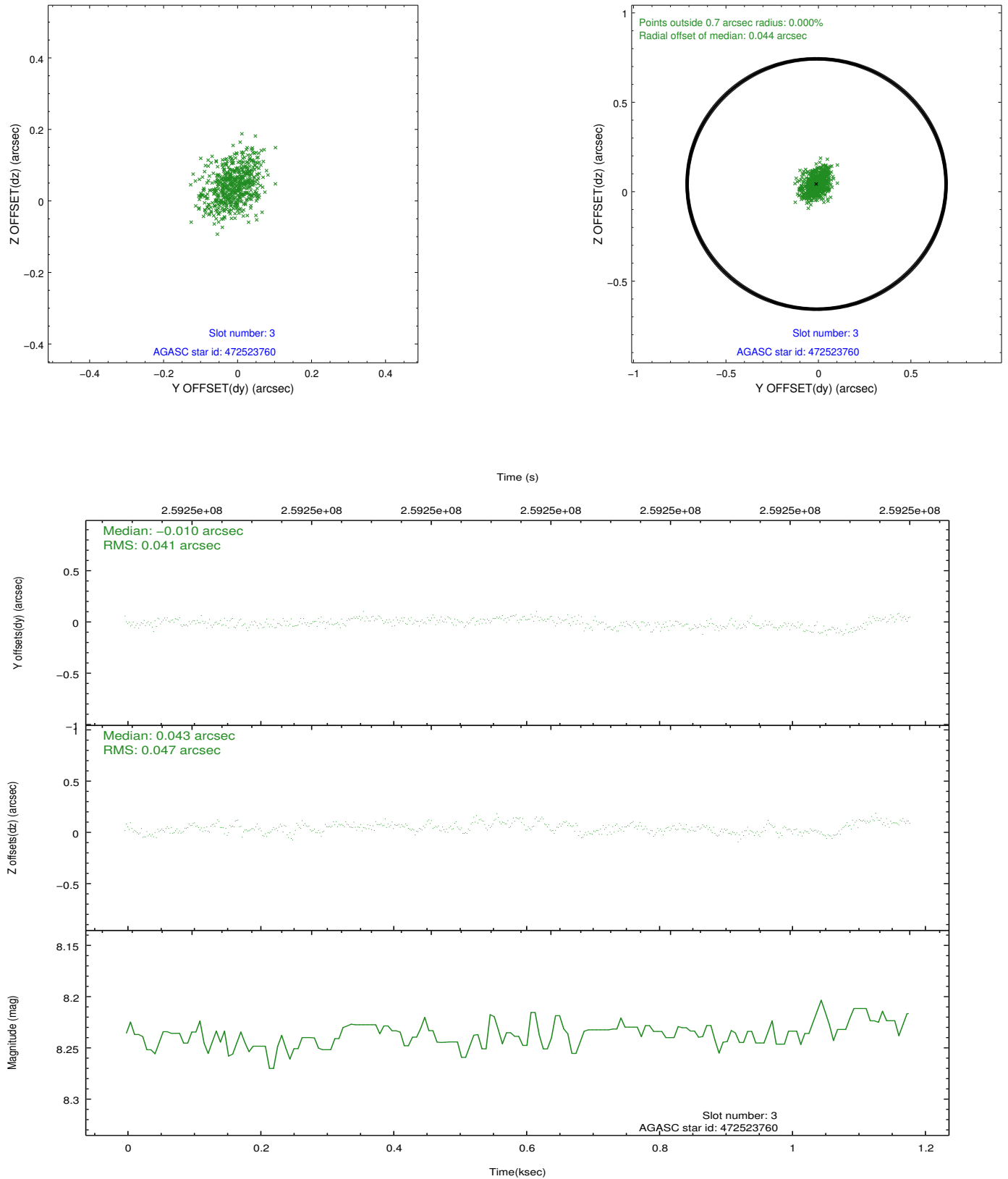


Slot Statistics

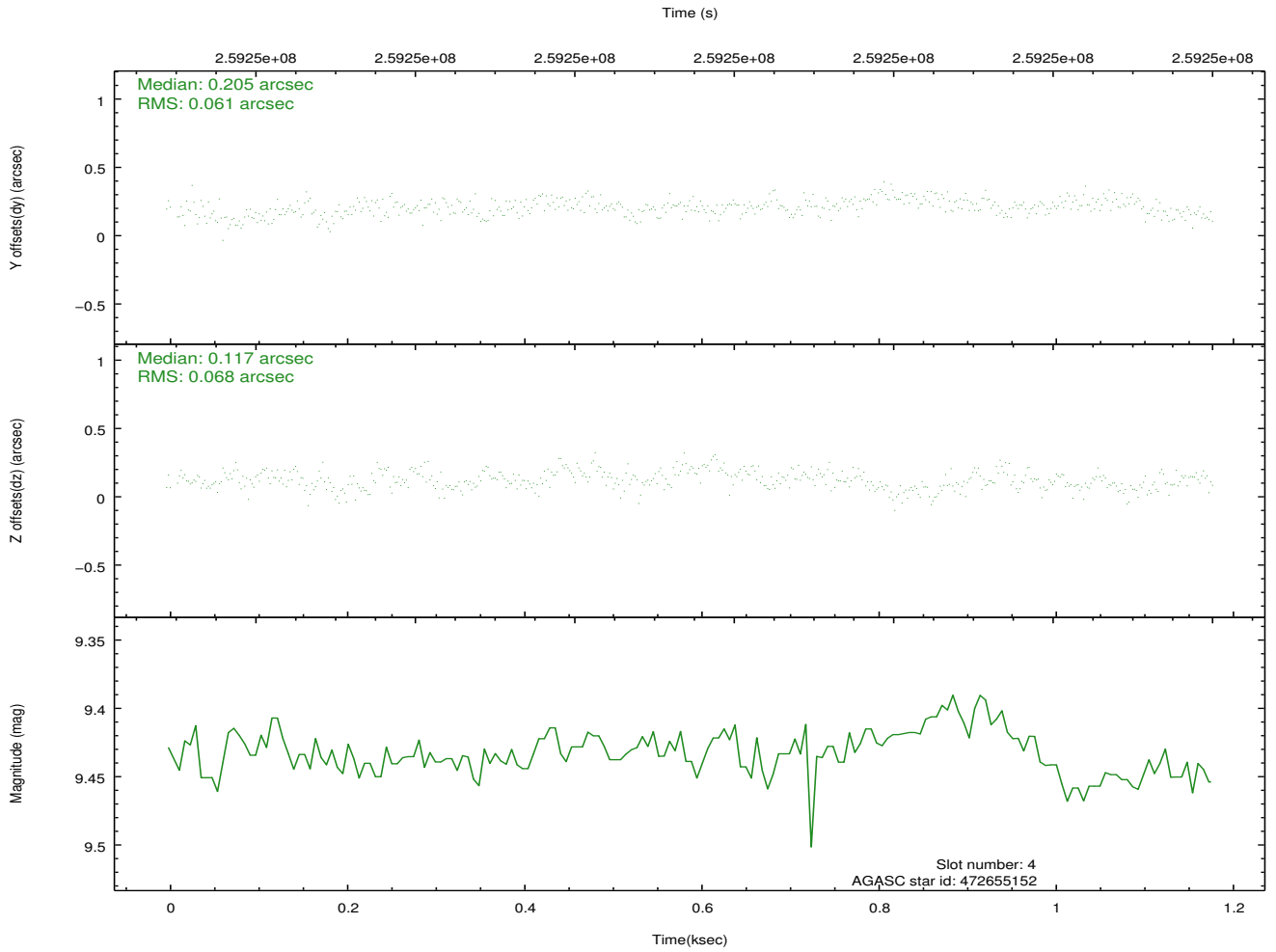
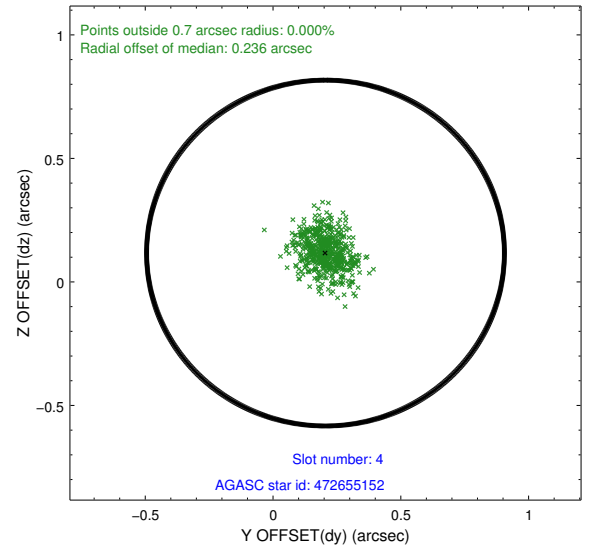
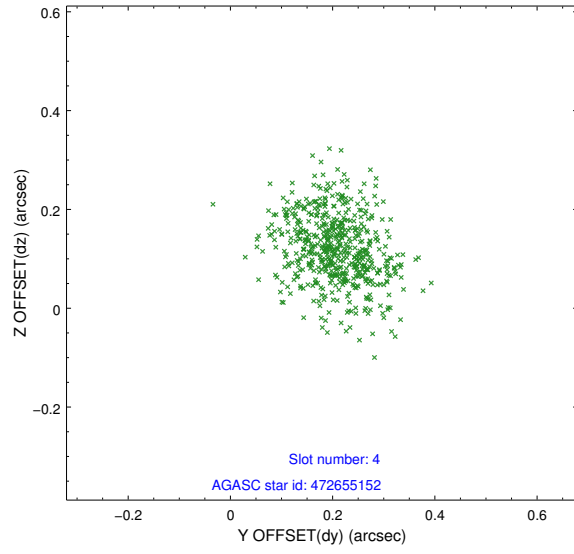
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	7.04	289	0.113	-0.086	0.007	0.013	0.000000	0.000000	1235.88	-453.95
1	FID	HRC-S-3	7.05	288	0.072	-0.108	0.004	0.010	0.000000	0.000000	-1162.23	566.65
2	FID	HRC-S-4	7.02	289	0.221	-0.102	0.007	0.014	0.000000	0.000000	1230.56	572.71
3	GUIDE	472523760	8.24	577	-0.010	0.043	0.067	0.109	331.645363	45.403260	-1957.61	-270.19
4	GUIDE	472655152	9.43	574	0.205	0.117	0.100	0.158	332.504239	45.862991	761.19	-204.36
5	GUIDE	472665256	9.03	577	-0.121	-0.077	0.069	0.115	332.808125	46.195041	2079.25	325.13
6	GUIDE	472533912	9.17	576	0.086	-0.142	0.111	0.175	331.791136	46.368695	397.87	2315.36
7	GUIDE	472663080	9.42	569	-0.155	0.043	0.115	0.188	332.652741	46.473840	2348.19	1370.77

2.4 Star Slots

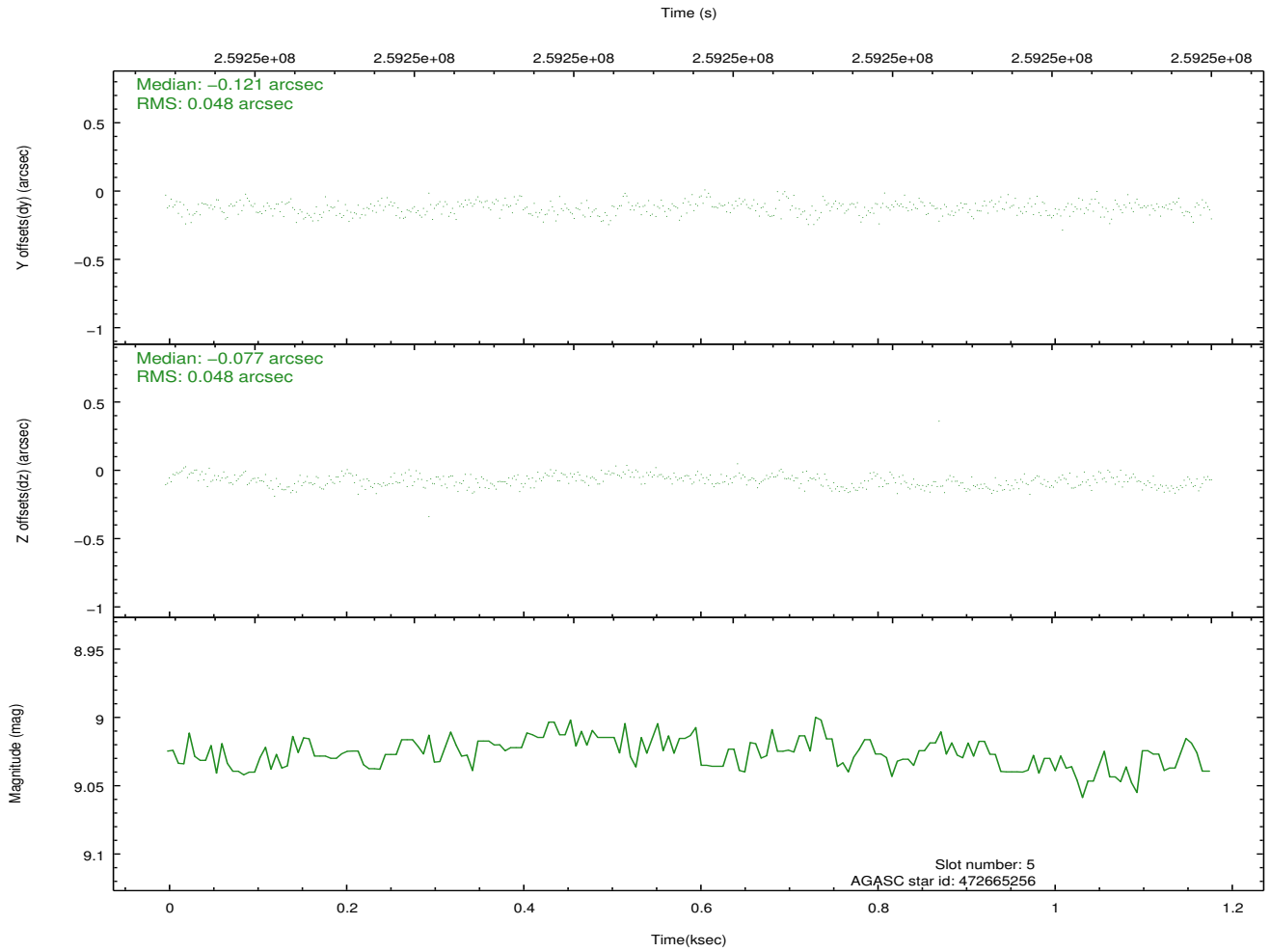
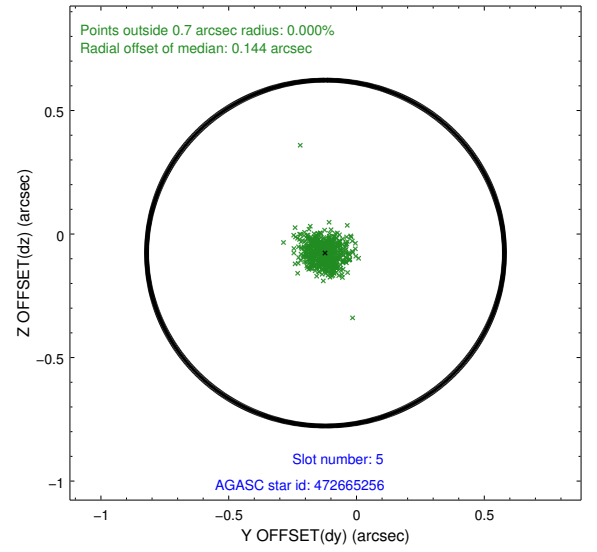
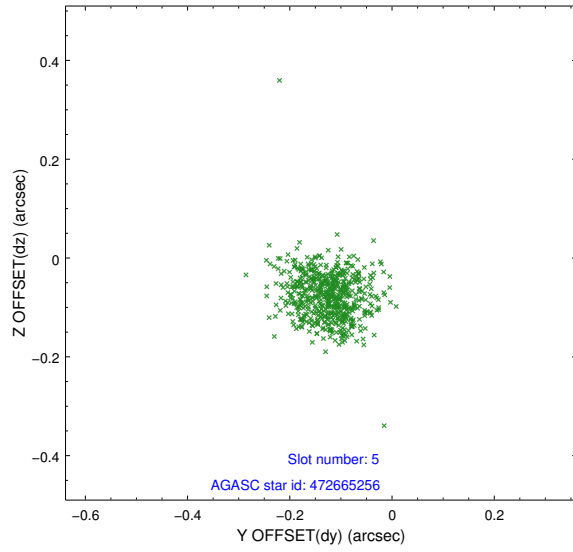
2.4.1 Slot 3



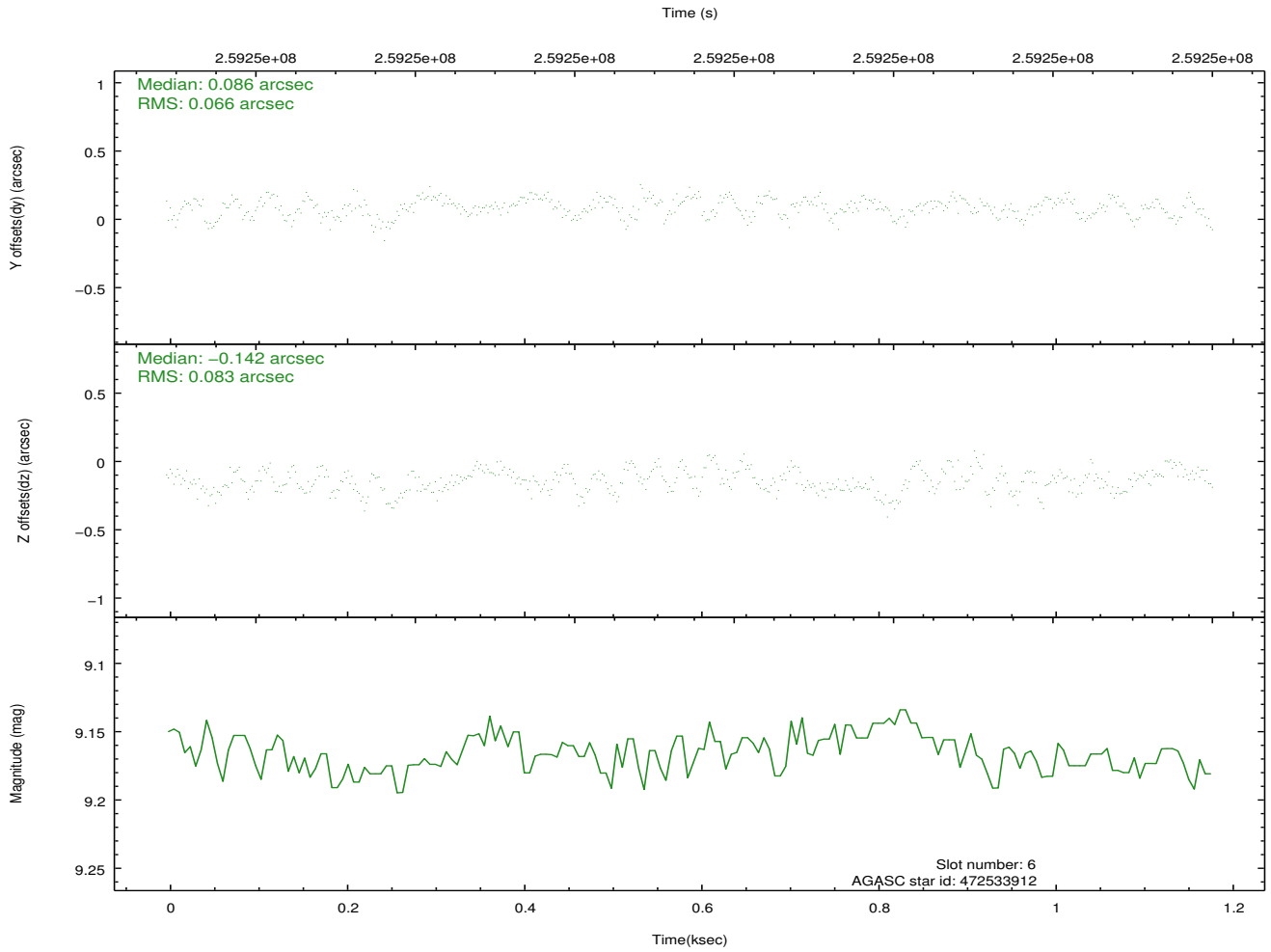
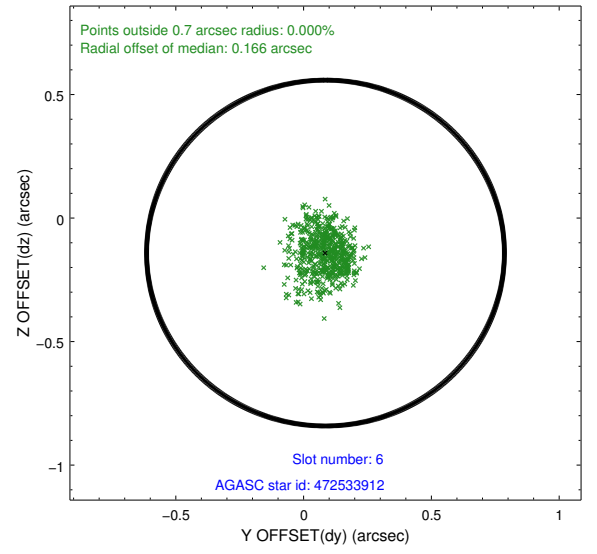
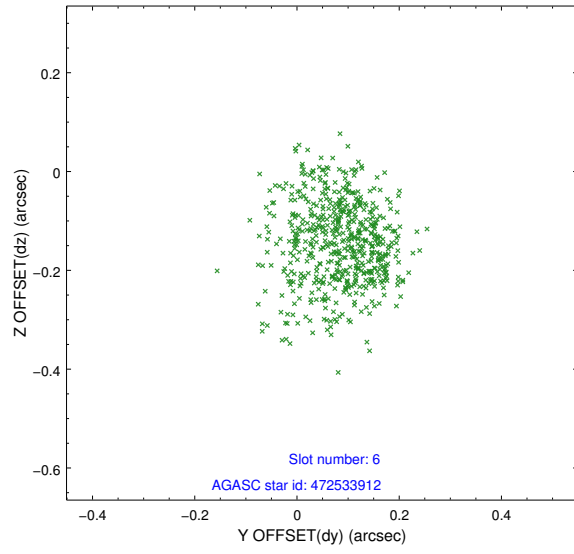
2.4.2 Slot 4



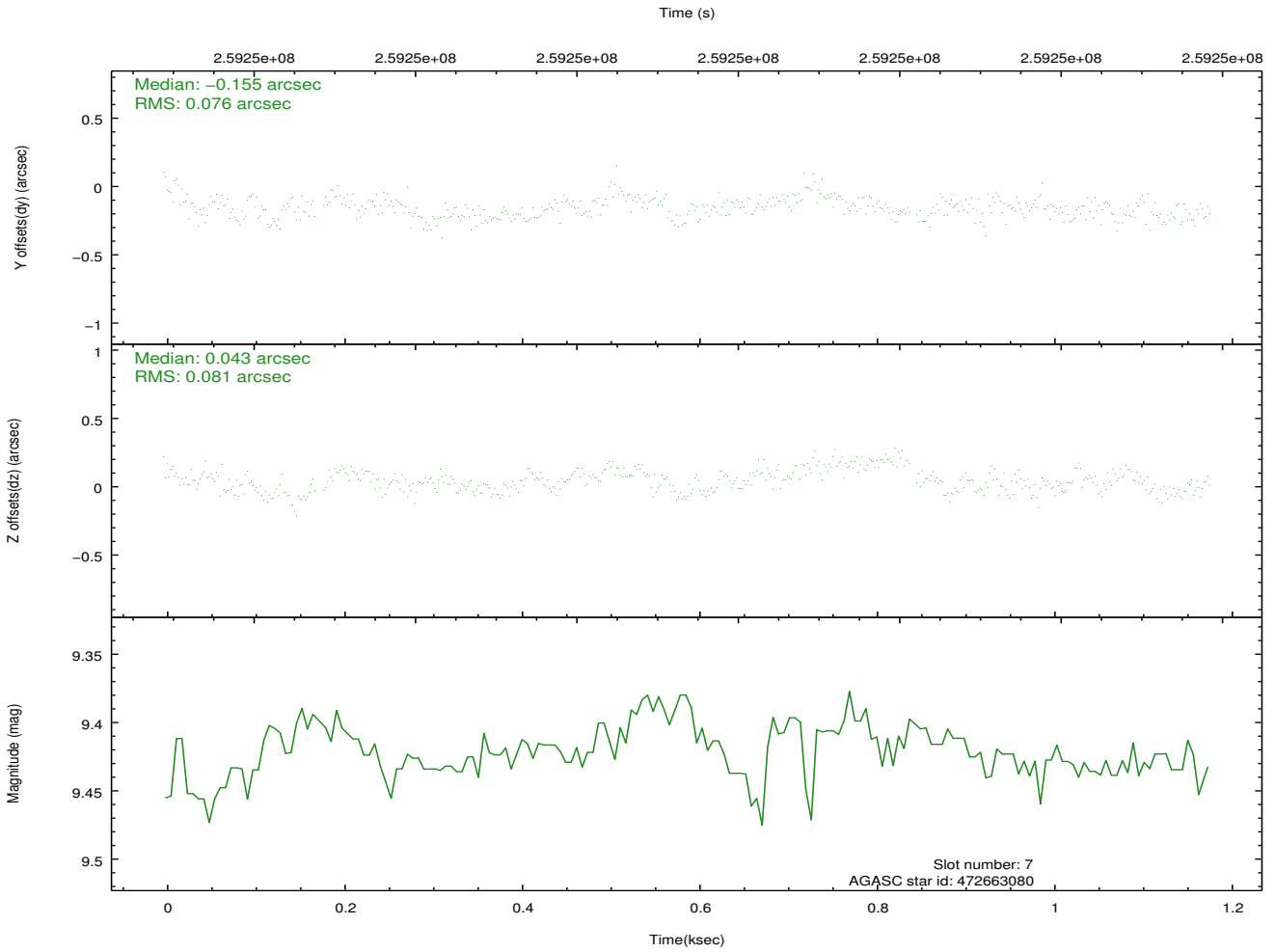
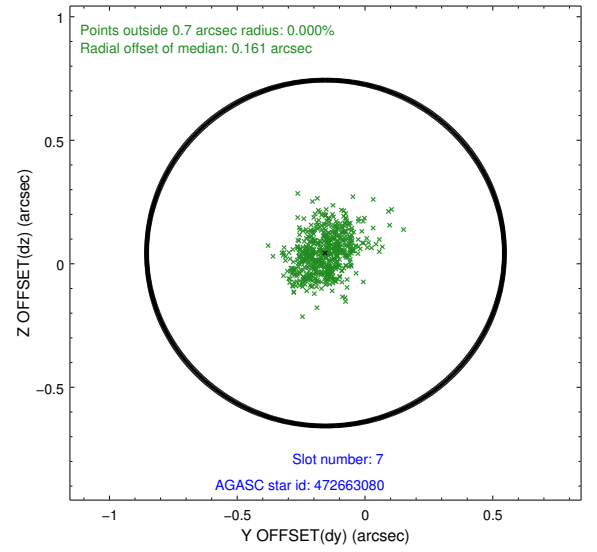
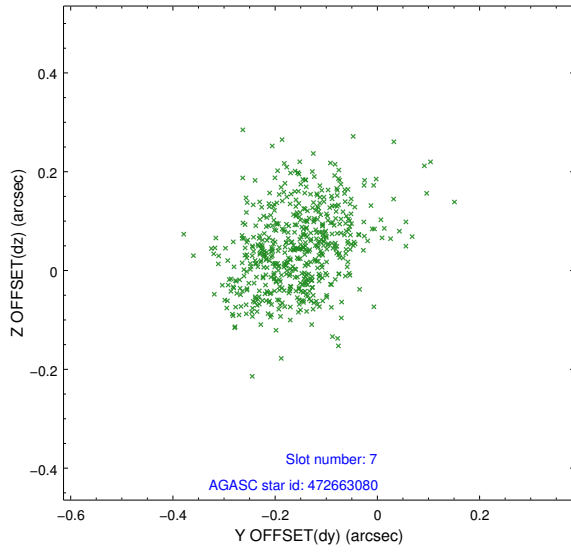
2.4.3 Slot 5



2.4.4 Slot 6

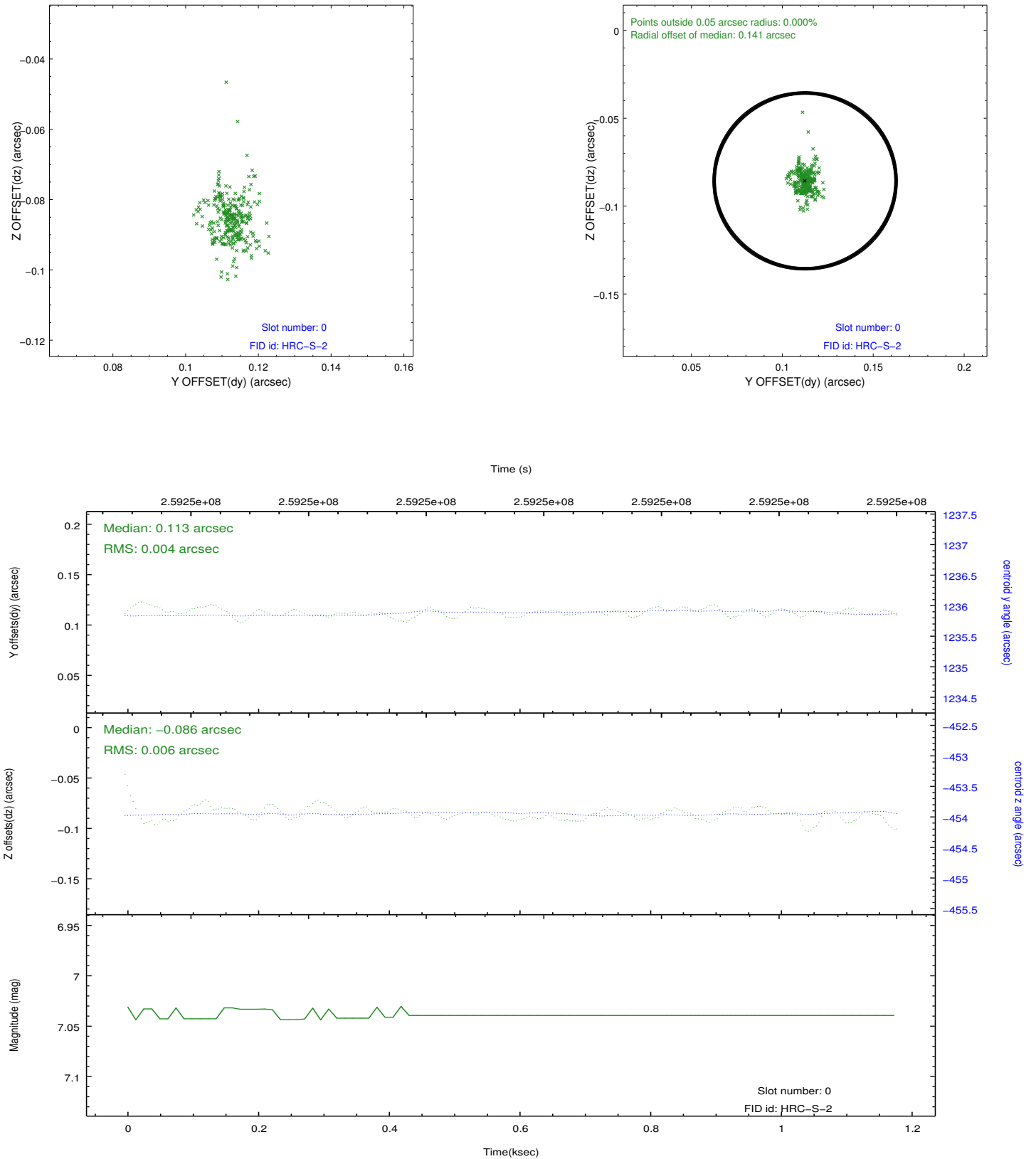


2.4.5 Slot 7

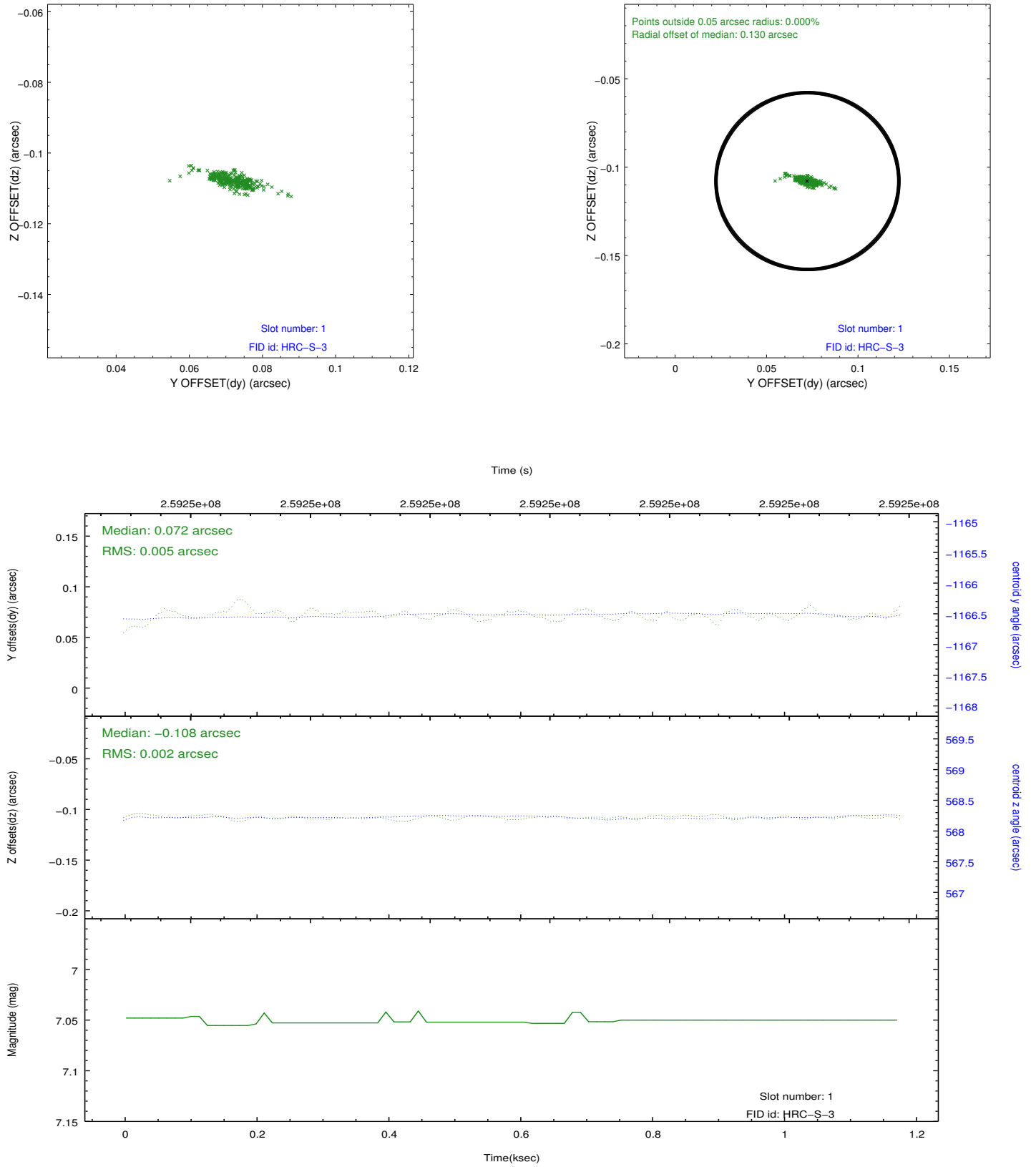


2.5 FID Slots

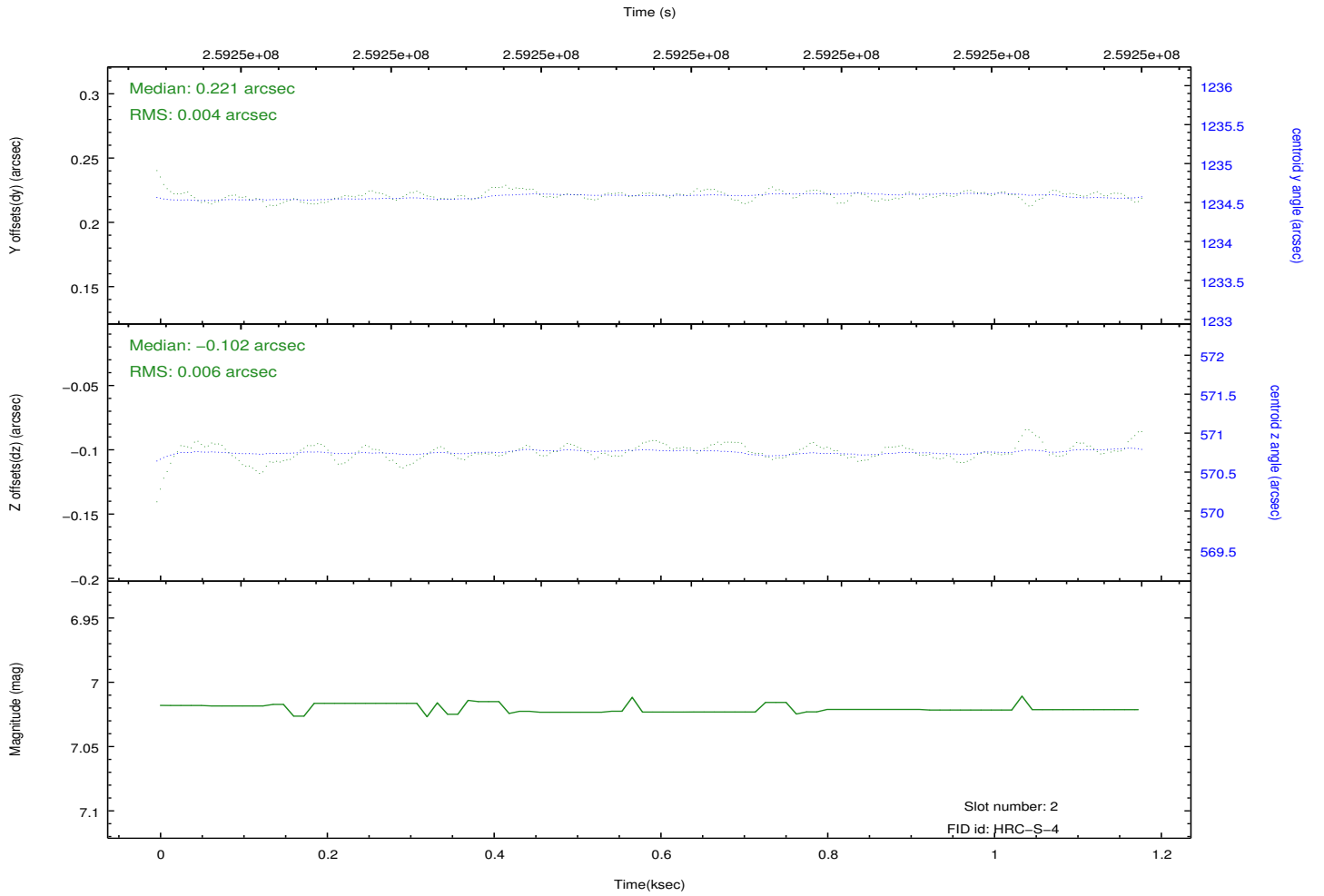
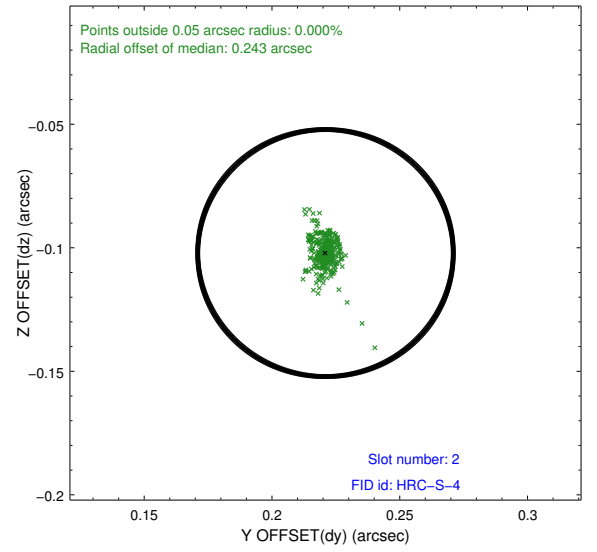
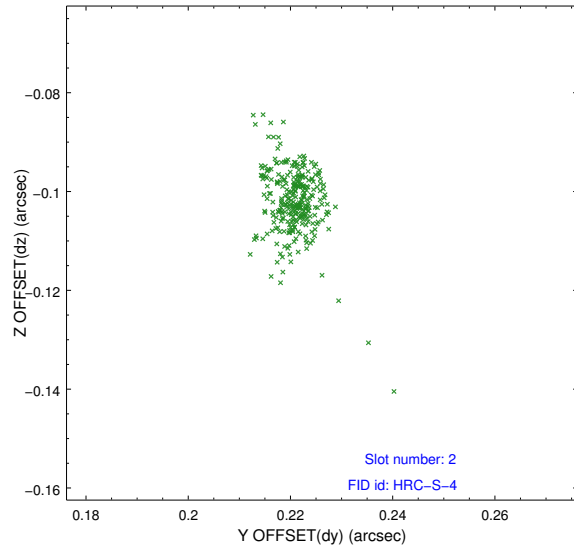
2.5.1 Slot 0



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)	2012.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1492813

A.2 Comments