

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6506 - L2 Version 3
Chandra X-Ray Center

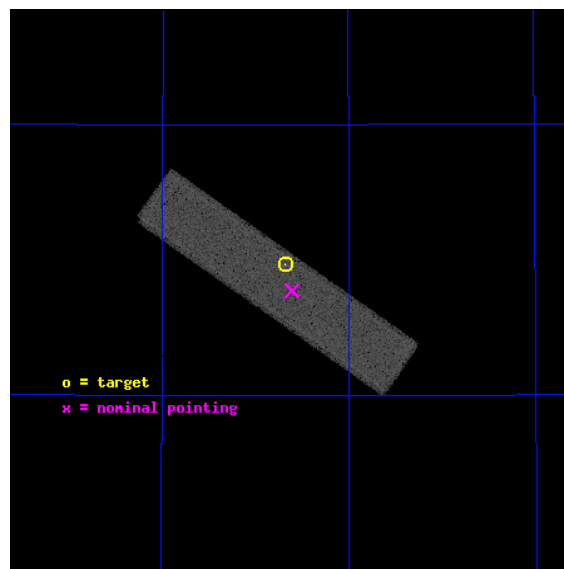
L2 Processing Date : Aug 11 2012

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1 Front

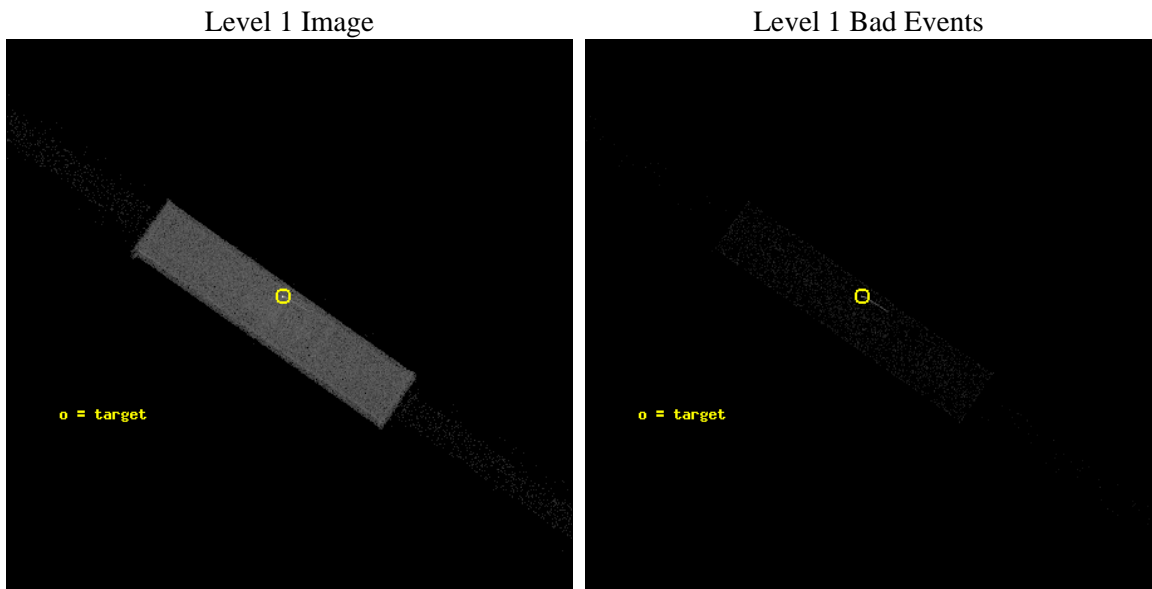
seq_num	290599	Sequence number
obs_id	6506	Observation id
title	AO7B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.15213596544	Nominal RA [deg]
dec_nom	45.693679800194	Nominal Dec [deg]
roll_nom	214.83883944437	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1149.0250540972	[s]
livetime	1140.1523417916	Ontime multiplied by DTCOR
l2events	61985	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	1149.0250540972	[s]
caldsver	4.5.1.1	 	l1events	100232	Number of level 1 events
date	2012-08-11T14:11:08	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

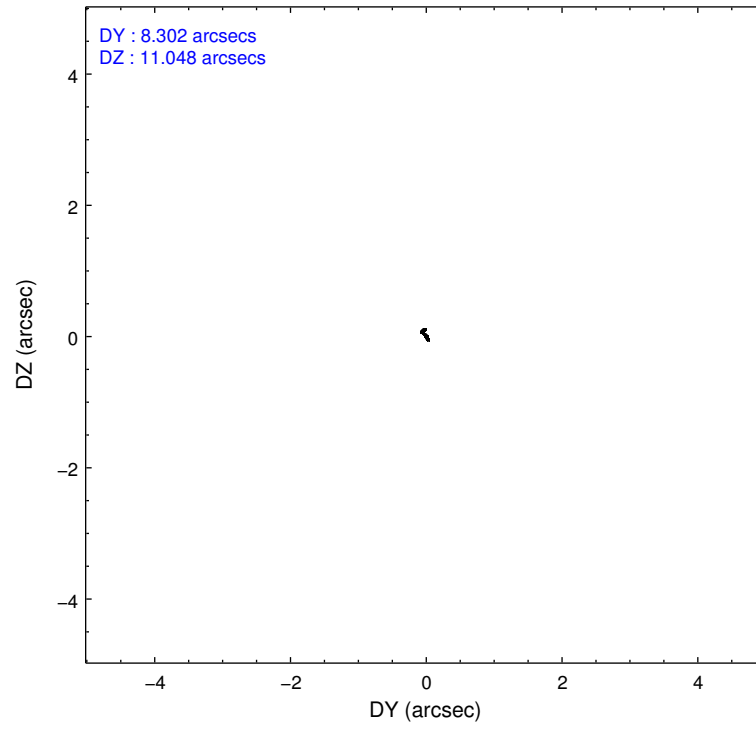
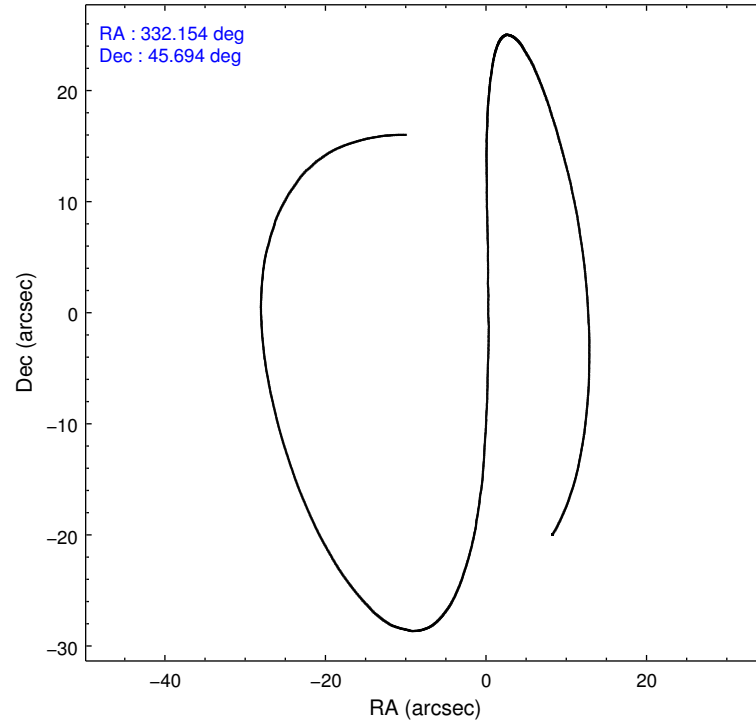
	segment 1	segment 2	segment 3
level 1 events	849	98464	919
rejected events	849	22956	919
rejected %	100%	23%	100%

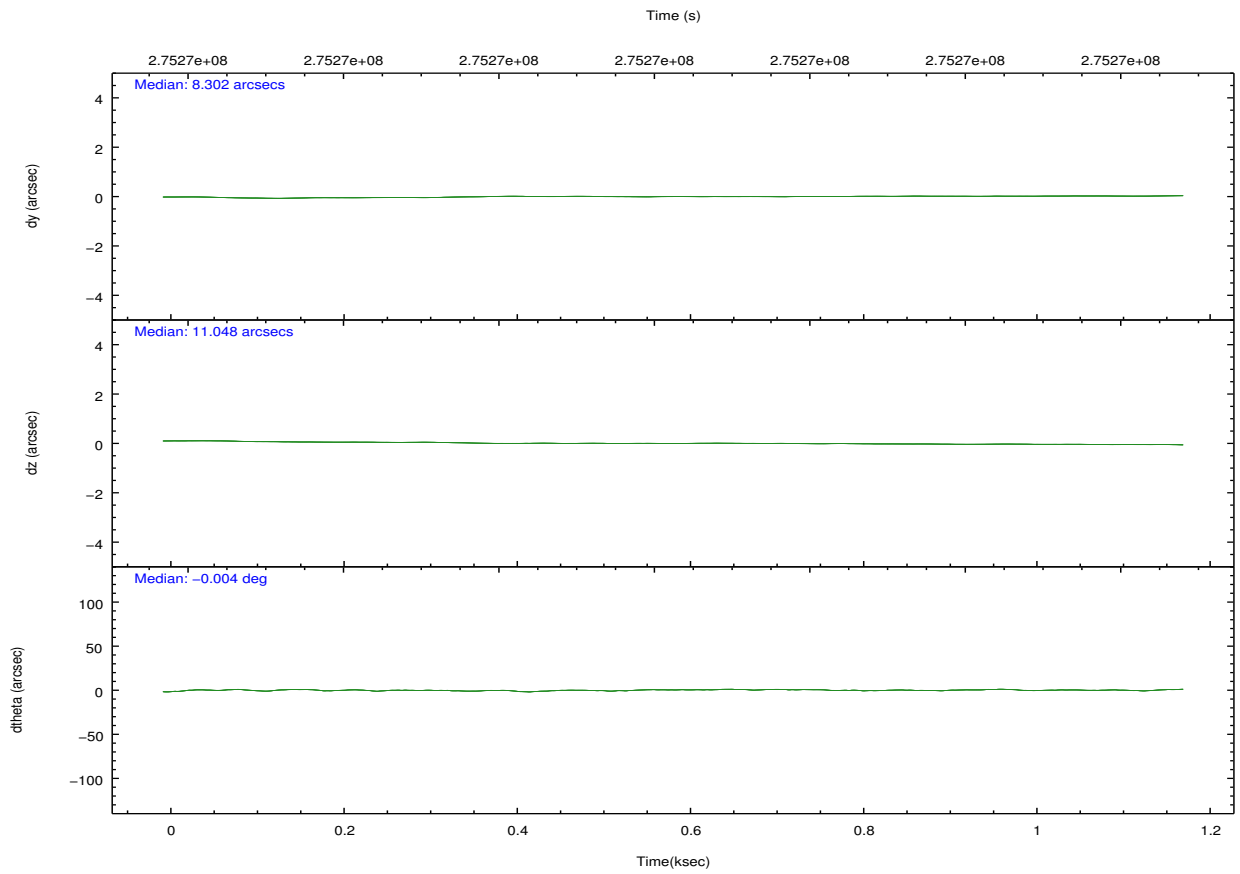
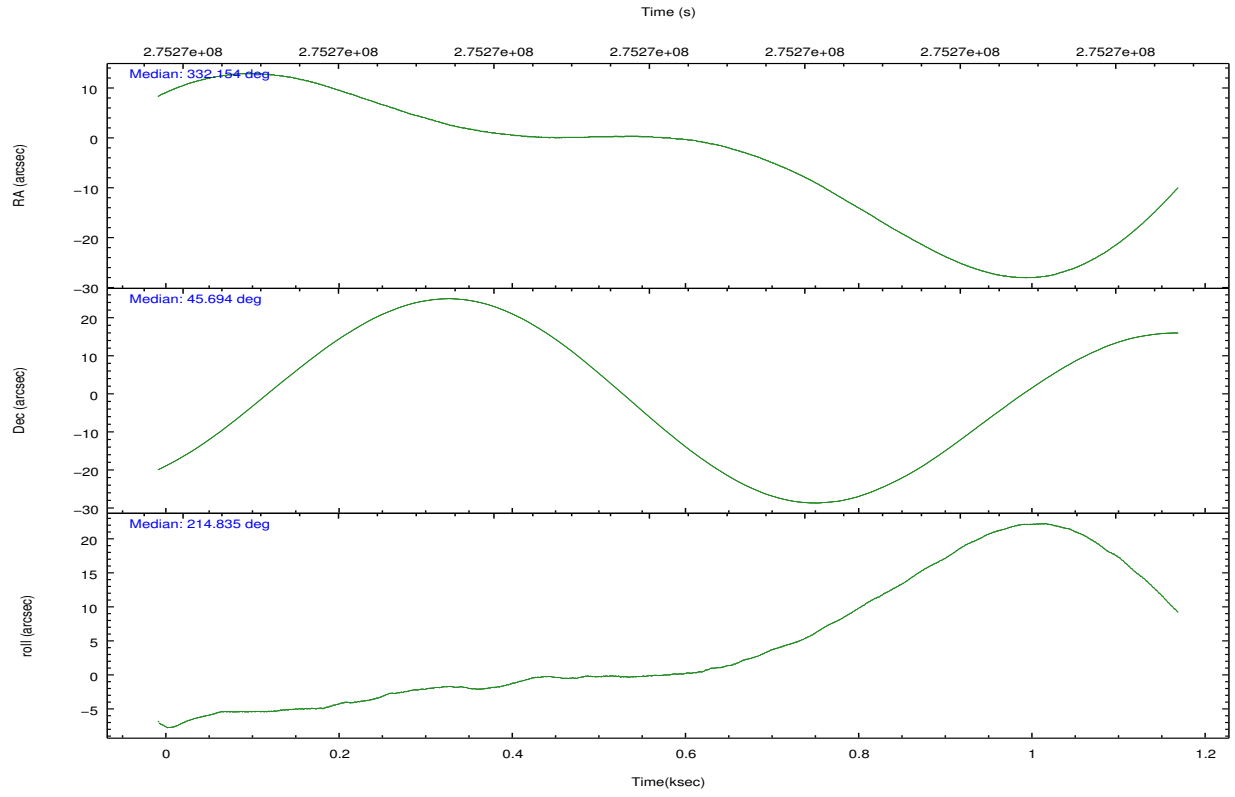
2.2 Compared Parameters

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	332.167953	332.1521359654404
[deg] Pointing Dec	45.719812	45.69367980019447
[deg] Pointing Roll	214.760206	214.8388394443708
[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)	275267400.184000	275267024.65541
Observation start date	2006-09-21T23:08:55	2006-09-21T23:03:44
[s] Observation end time (MET)	275268400.184000	275268534.48049
Observation end date	2006-09-21T23:25:35	2006-09-21T23:28:54

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

2.3 Aspect



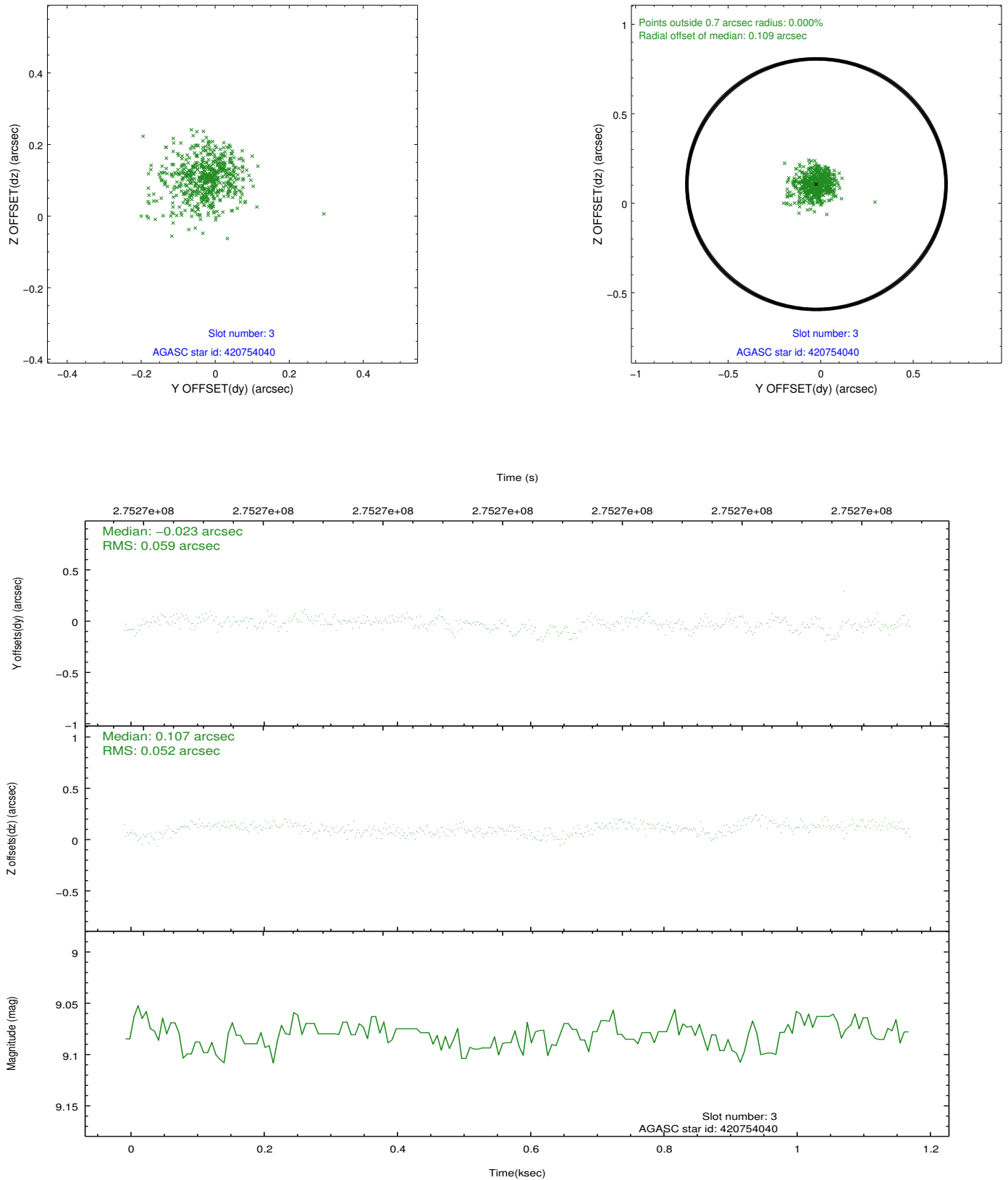


Slot Statistics

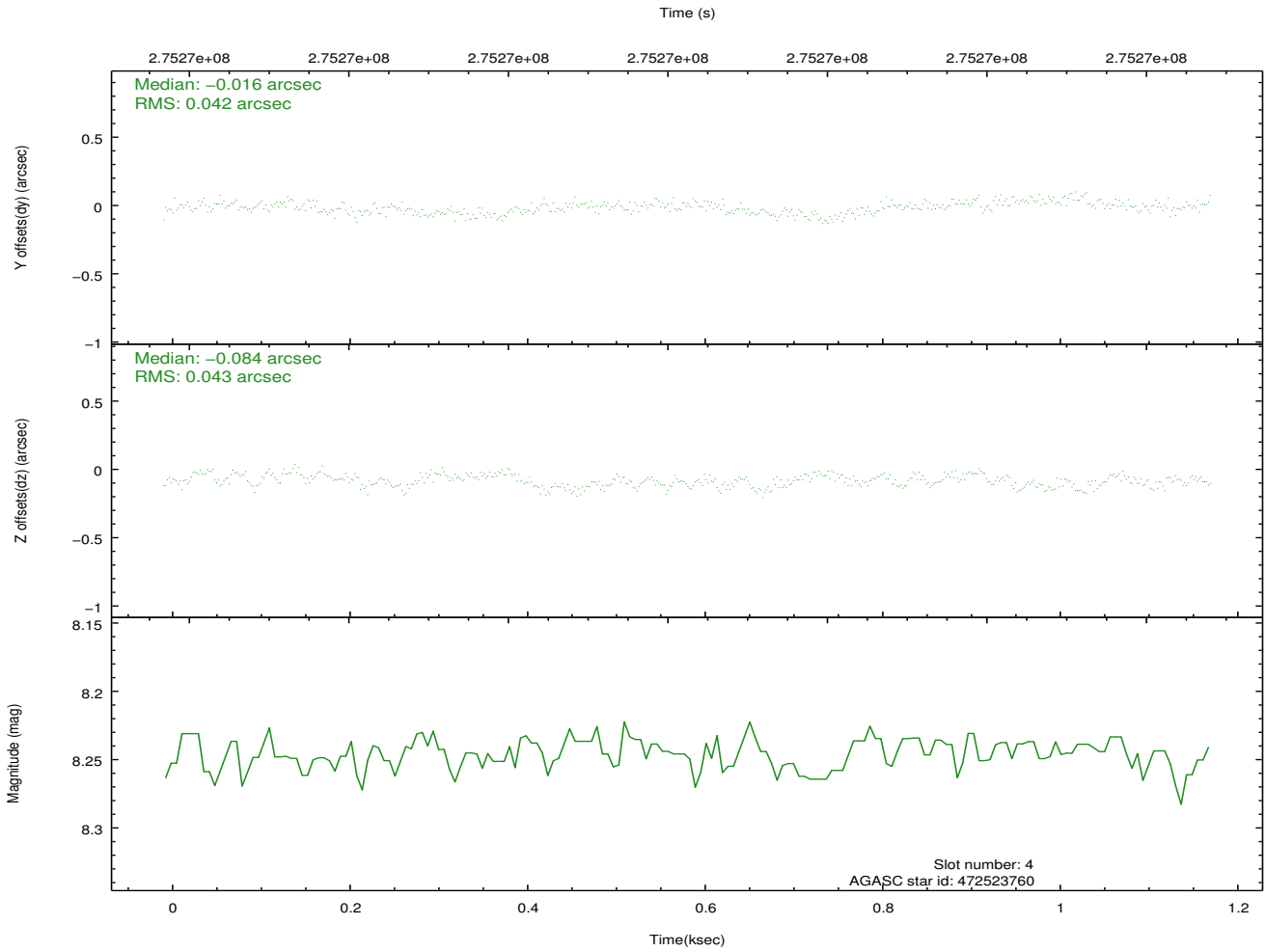
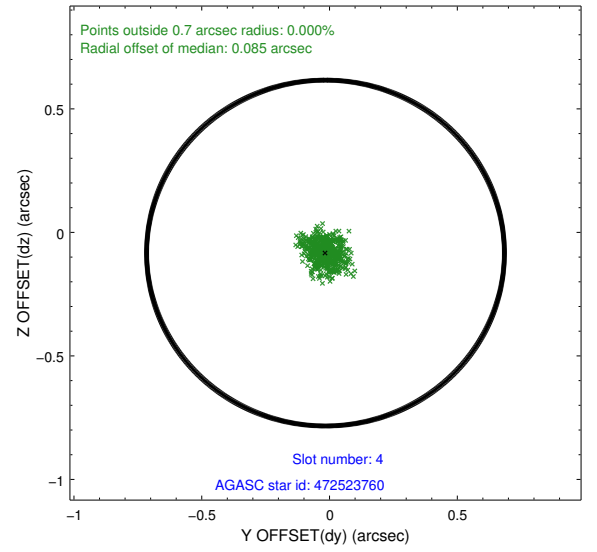
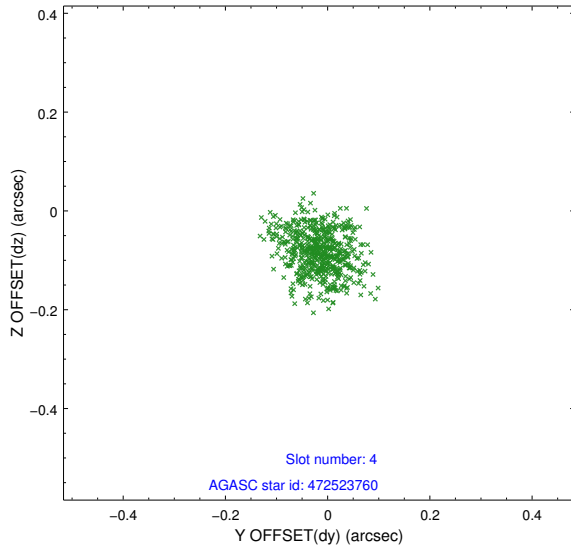
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.06	288	0.144	-0.171	0.009	0.013	0.000000	0.000000	-1162.45	-459.78
1	FID	HRC-S-2	7.05	288	0.158	-0.118	0.005	0.010	0.000000	0.000000	1233.19	-453.96
2	FID	HRC-S-3	7.07	288	0.088	-0.013	0.008	0.015	0.000000	0.000000	-1160.94	568.32
3	GUIDE	420754040	9.08	573	-0.023	0.107	0.080	0.140	331.917939	44.882543	2241.62	2113.86
4	GUIDE	472523760	8.25	576	-0.016	-0.084	0.066	0.103	331.645363	45.403260	1736.88	184.79
5	GUIDE	472655152	9.42	574	-0.013	-0.153	0.127	0.225	332.504239	45.862991	-983.97	57.50
6	GUIDE	472665256	9.02	576	0.102	0.084	0.084	0.130	332.808125	46.195041	-2290.76	-499.62
7	GUIDE	472533912	9.16	574	-0.053	0.067	0.128	0.194	331.791136	46.368695	-567.63	-2453.95

2.4 Star Slots

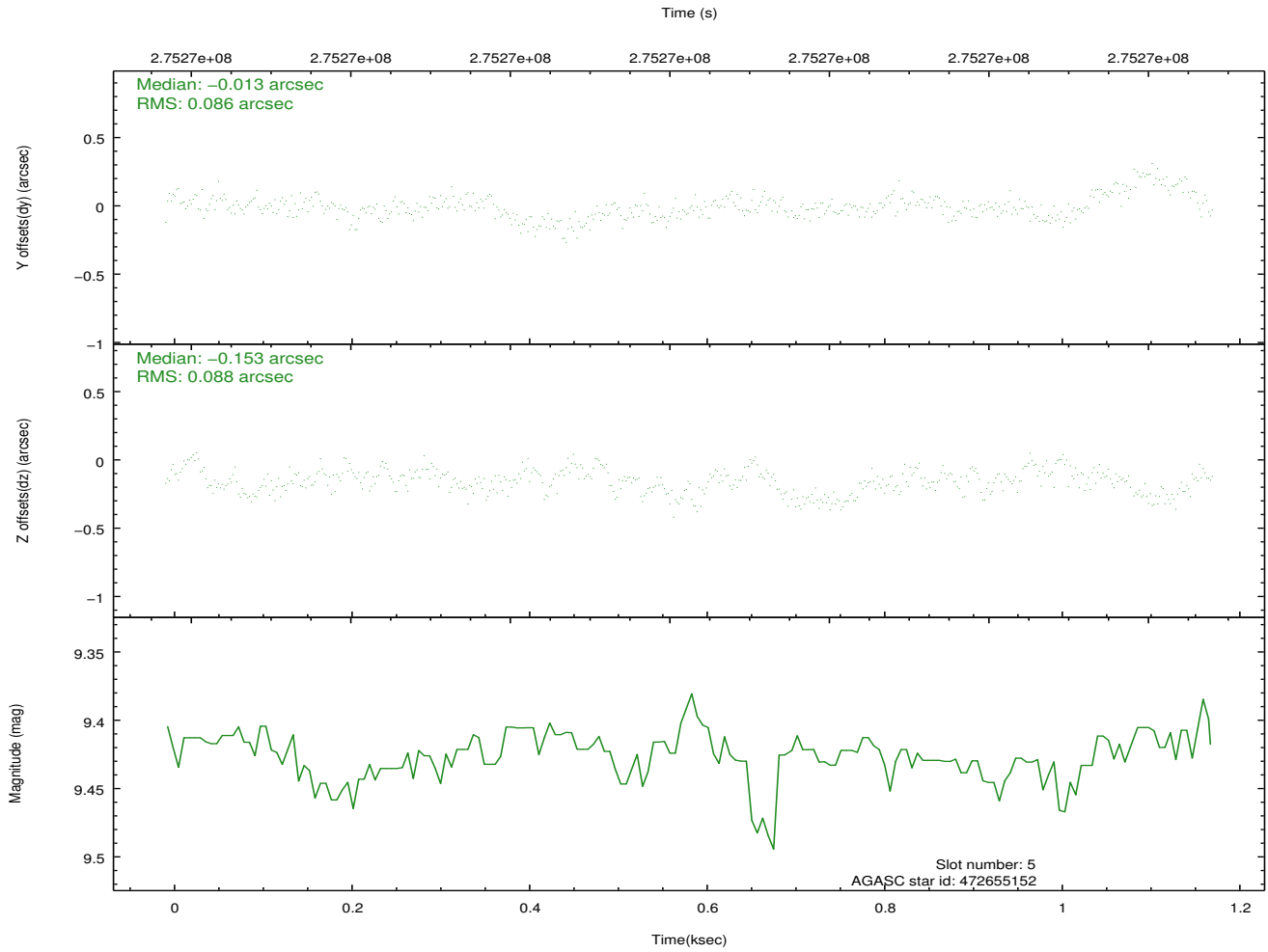
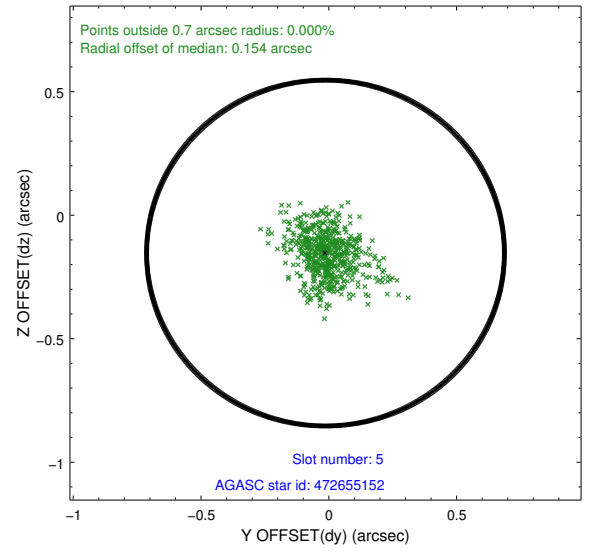
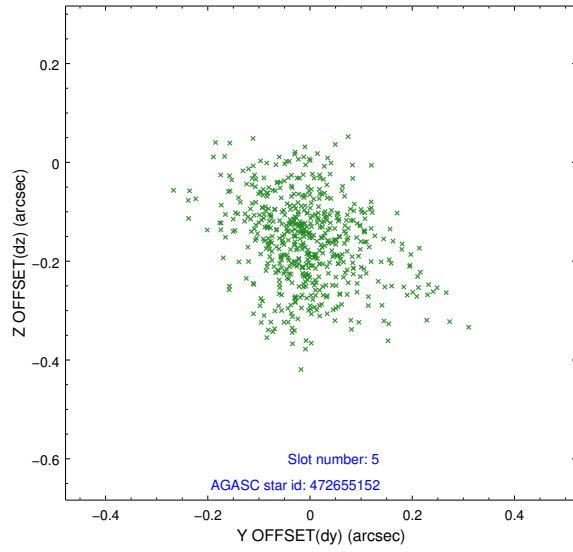
2.4.1 Slot 3



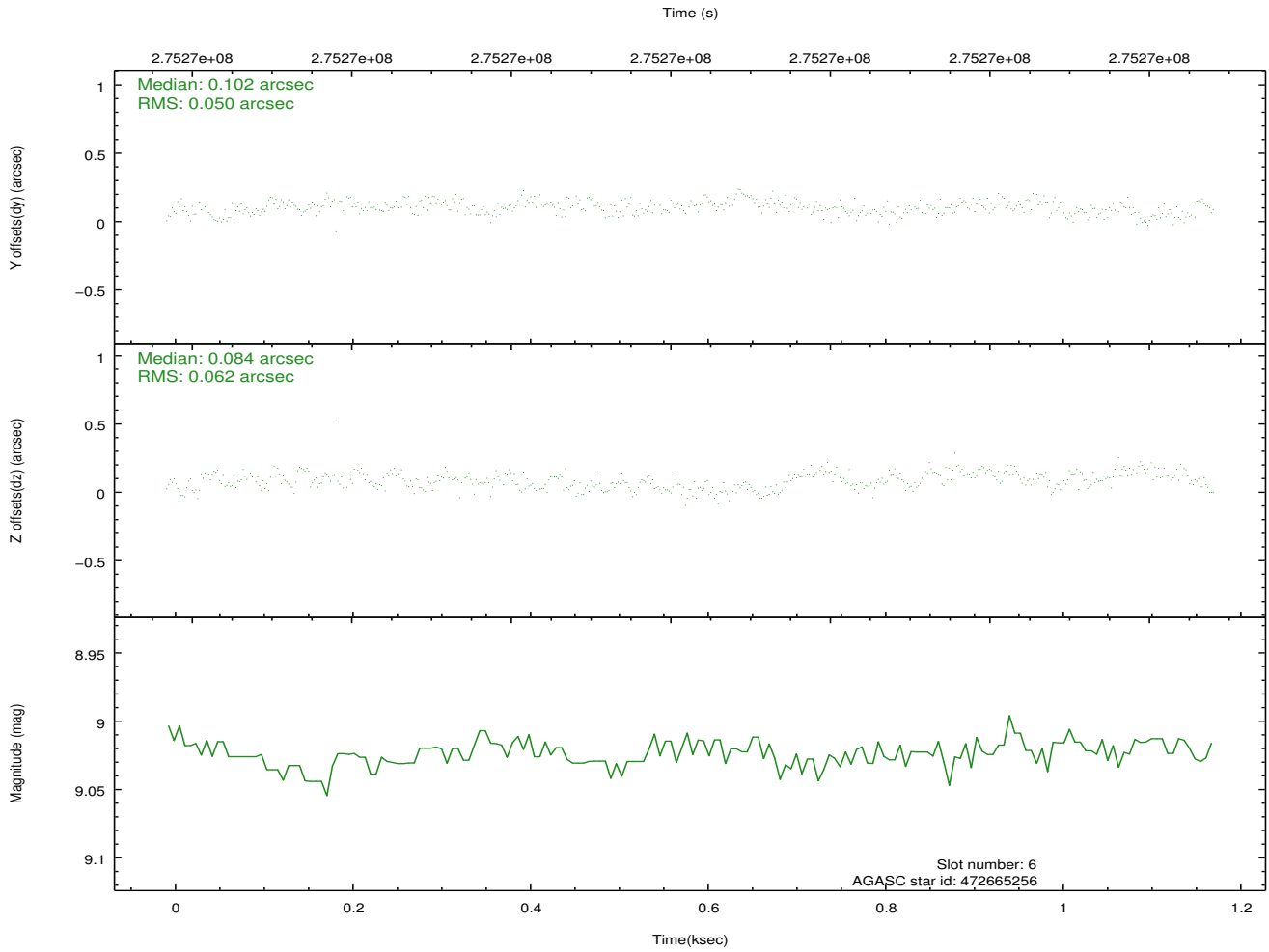
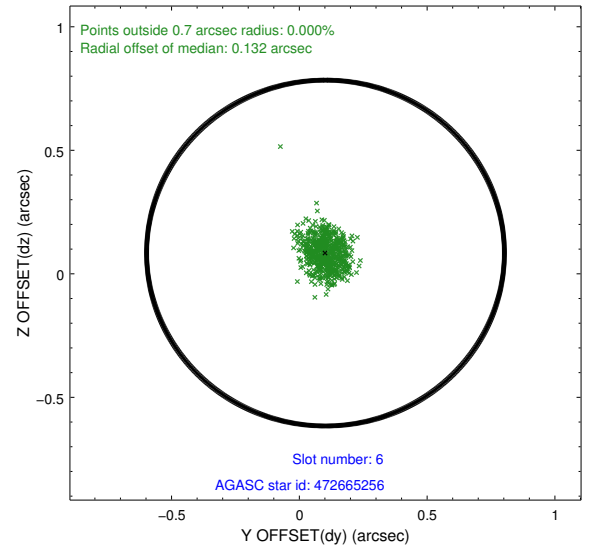
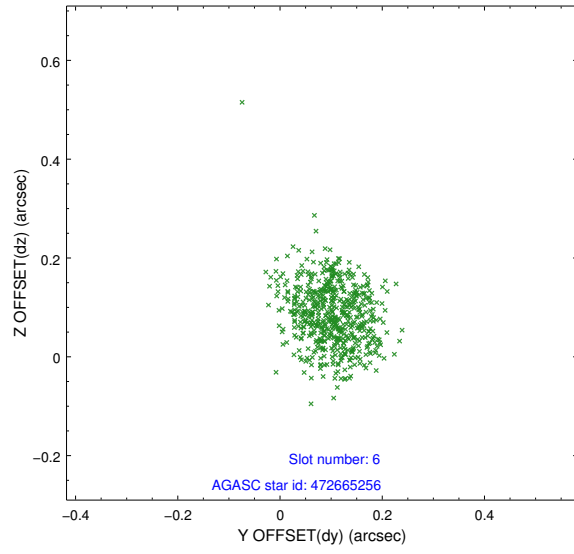
2.4.2 Slot 4



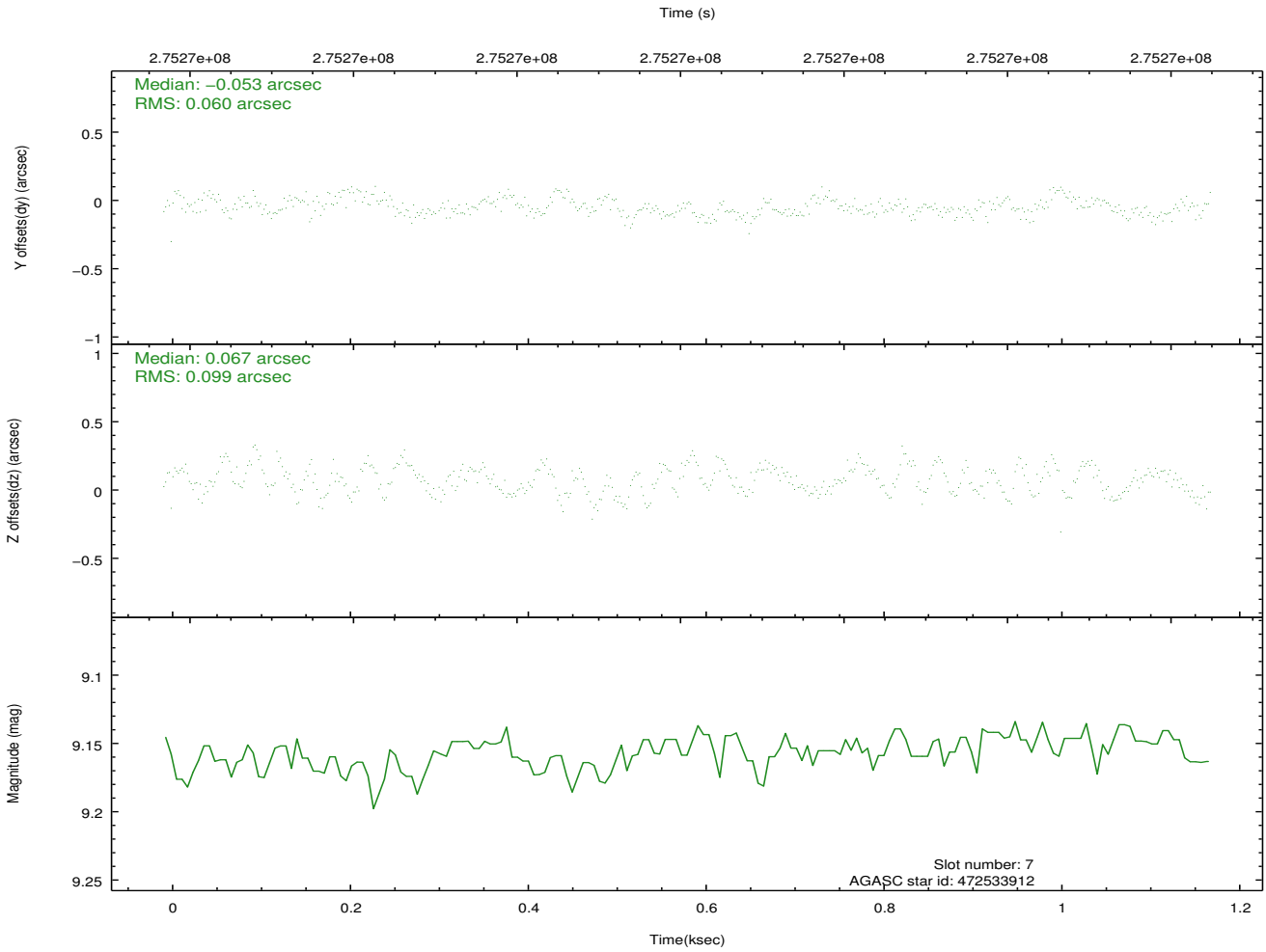
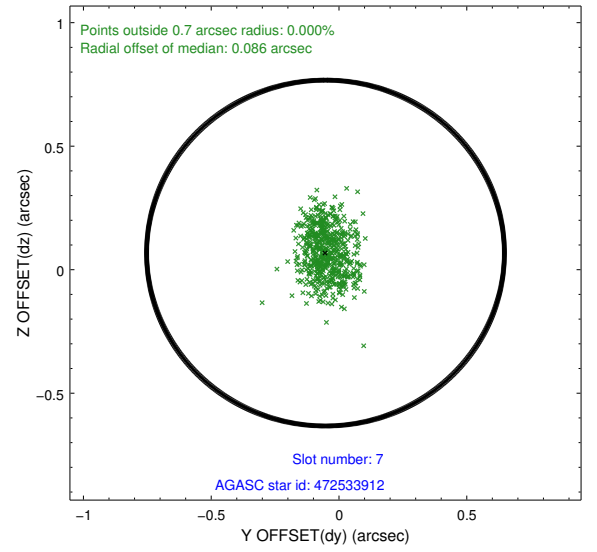
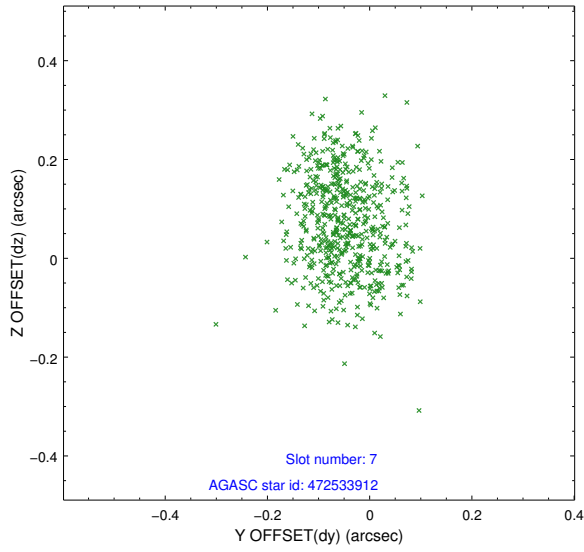
2.4.3 Slot 5



2.4.4 Slot 6

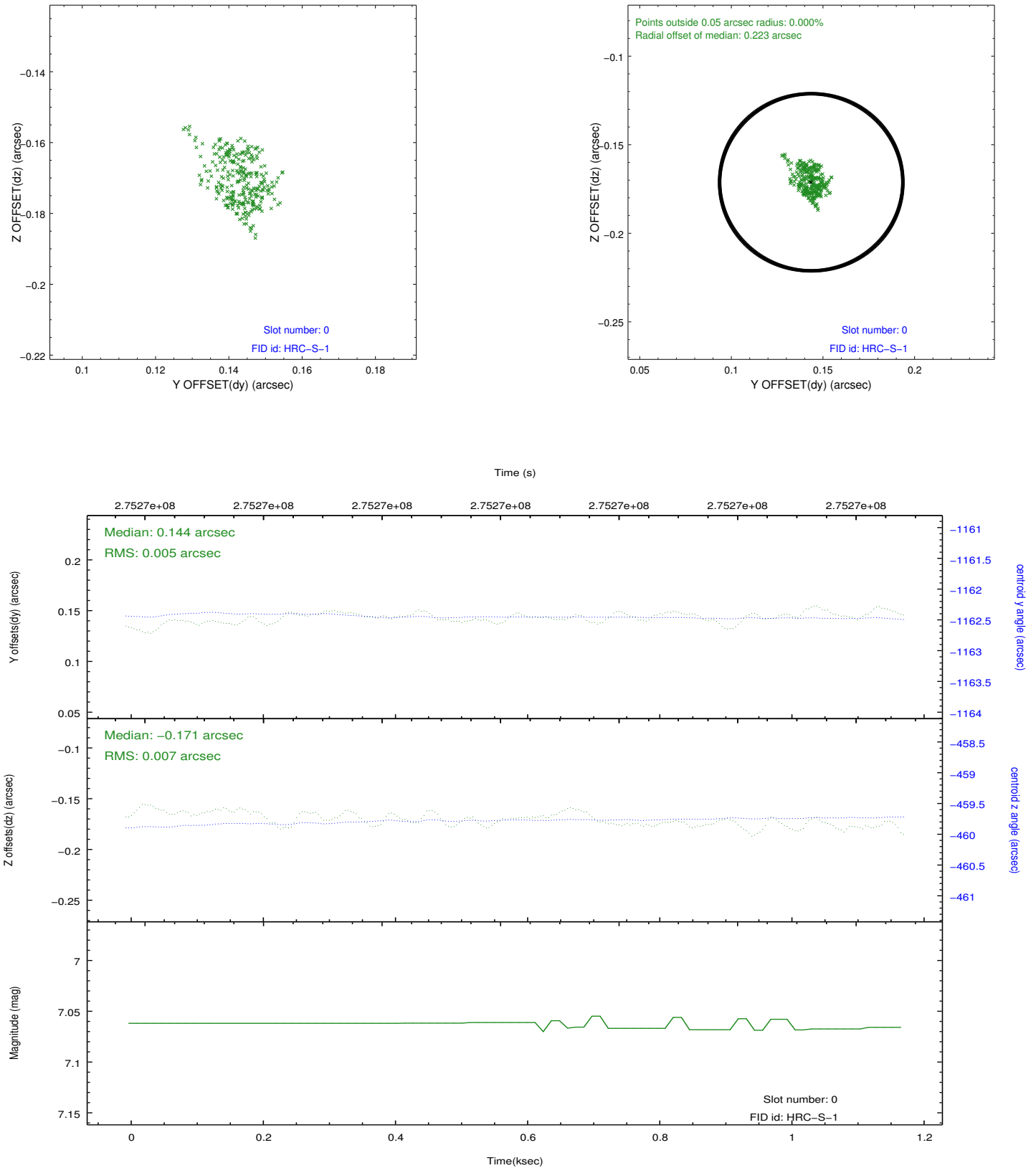


2.4.5 Slot 7

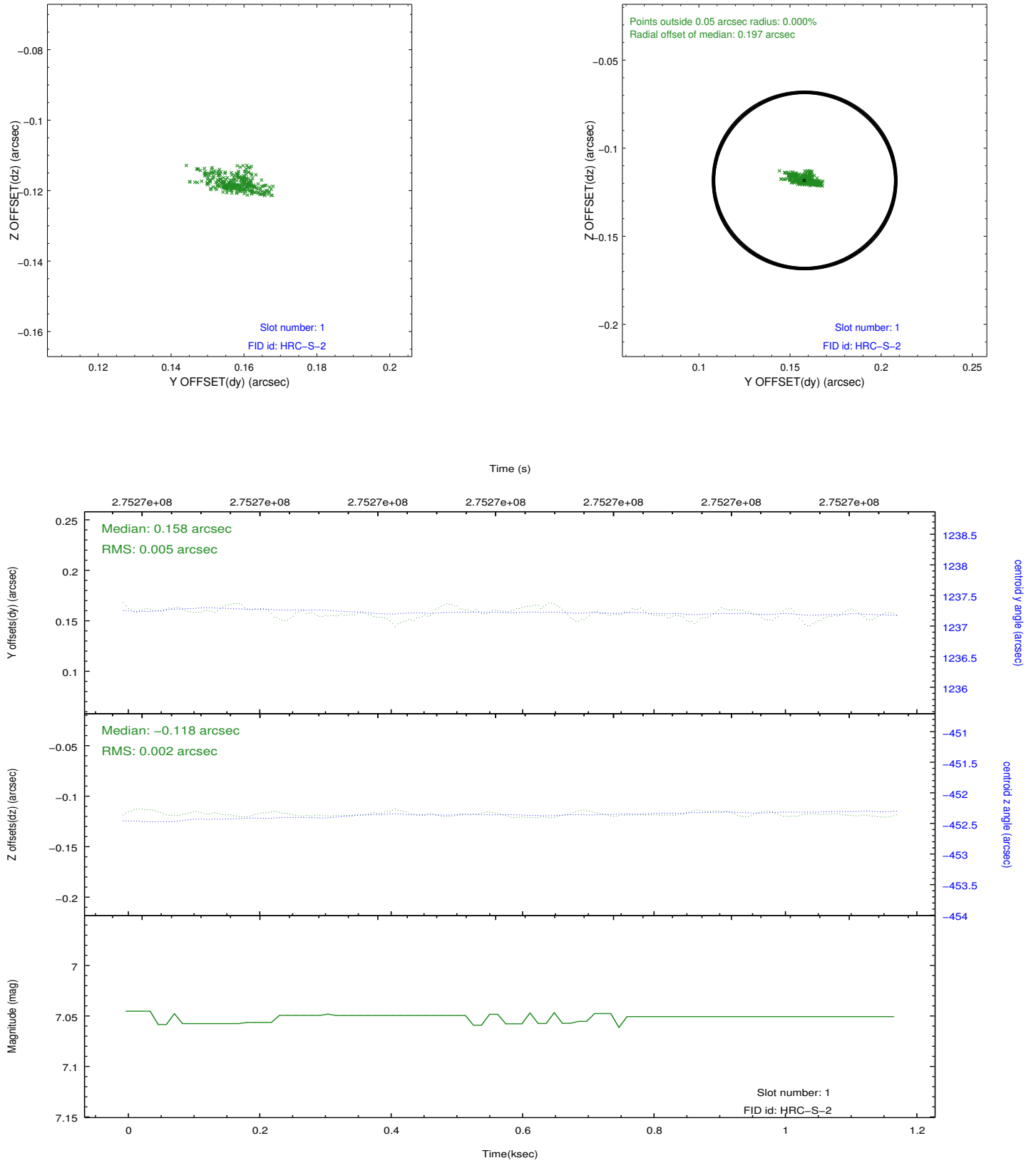


2.5 FID Slots

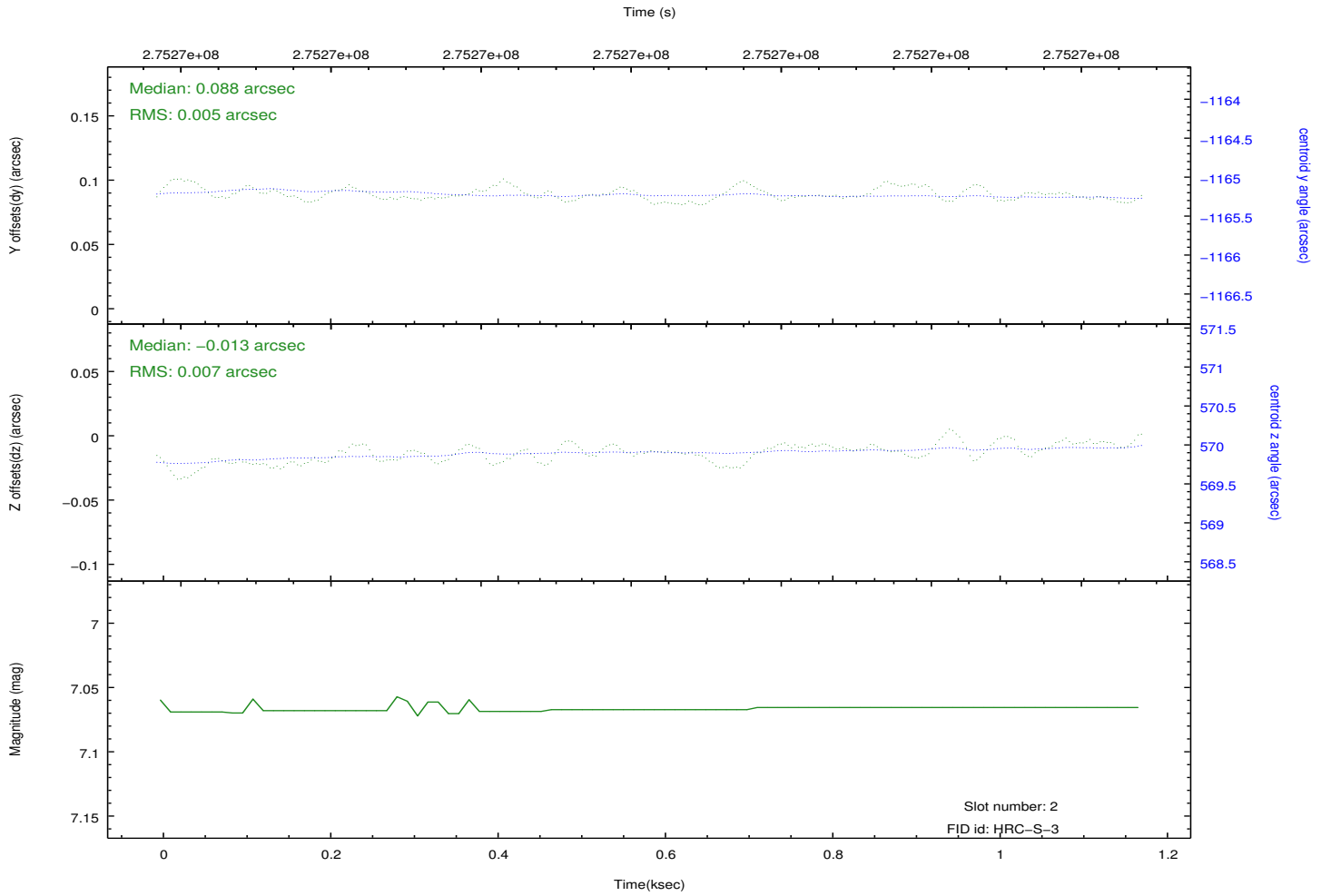
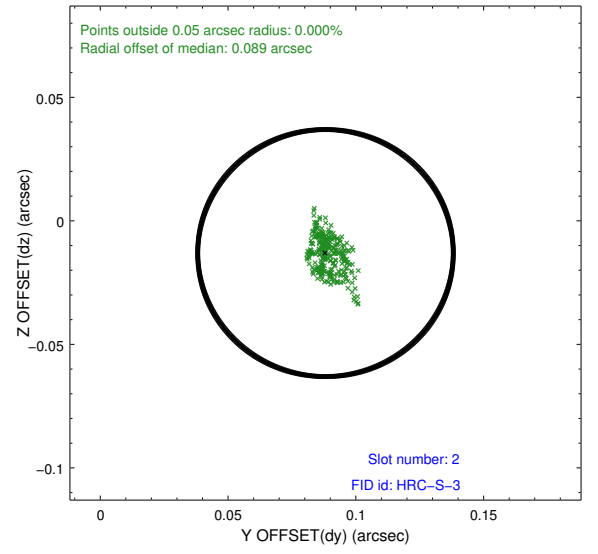
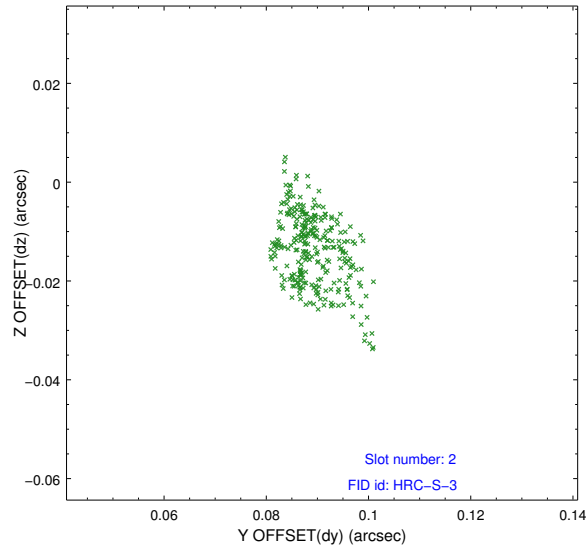
2.5.1 Slot 0



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	1.1492813

A.2 Comments