

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 6483 - L2 Version 3
Chandra X-Ray Center

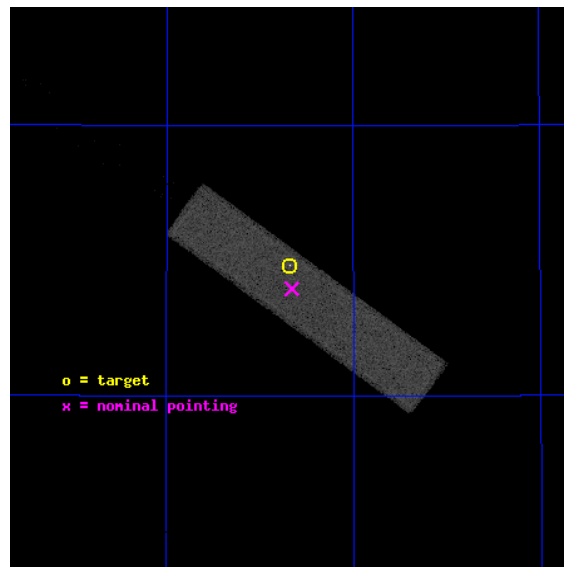
L2 Processing Date : Aug 11 2012

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1 Front

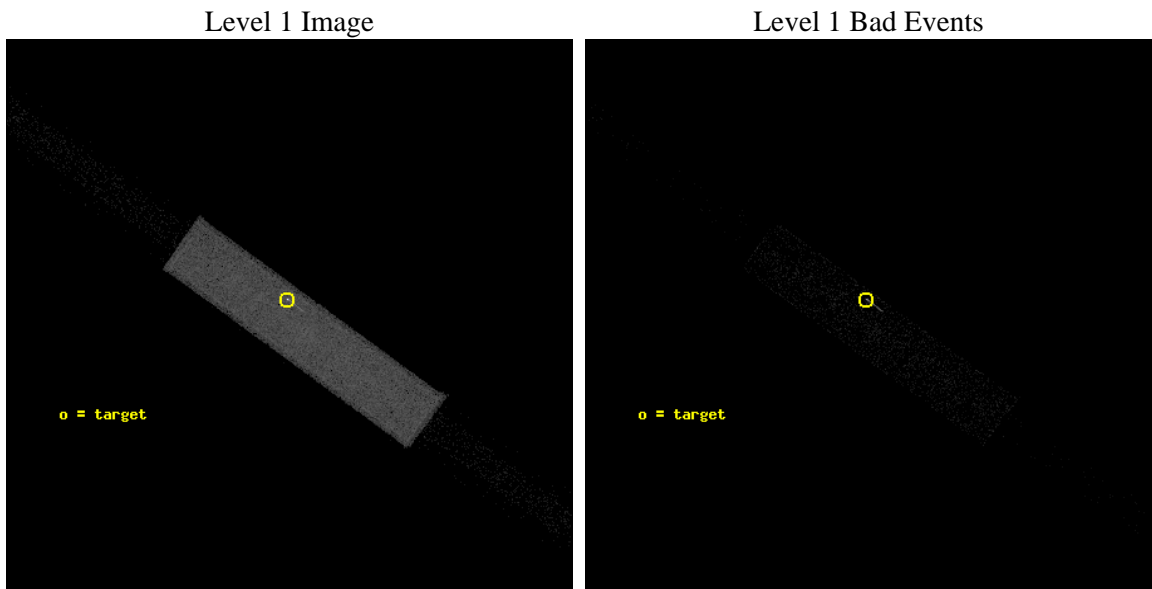
seq_num	290576	Sequence number
obs_id	6483	Observation id
title	AO7 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.16447243032	Nominal RA [deg]
dec_nom	45.699106089794	Nominal Dec [deg]
roll_nom	35.892517643531	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1157.4813038707	[s]
livetime	1148.1389999014	Ontime multiplied by DTCOR
l2events	66892	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	1157.4813038707	[s]
caldsver	4.5.1.1	 	l1events	105951	Number of level 1 events
date	2012-08-11T05:16:29	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

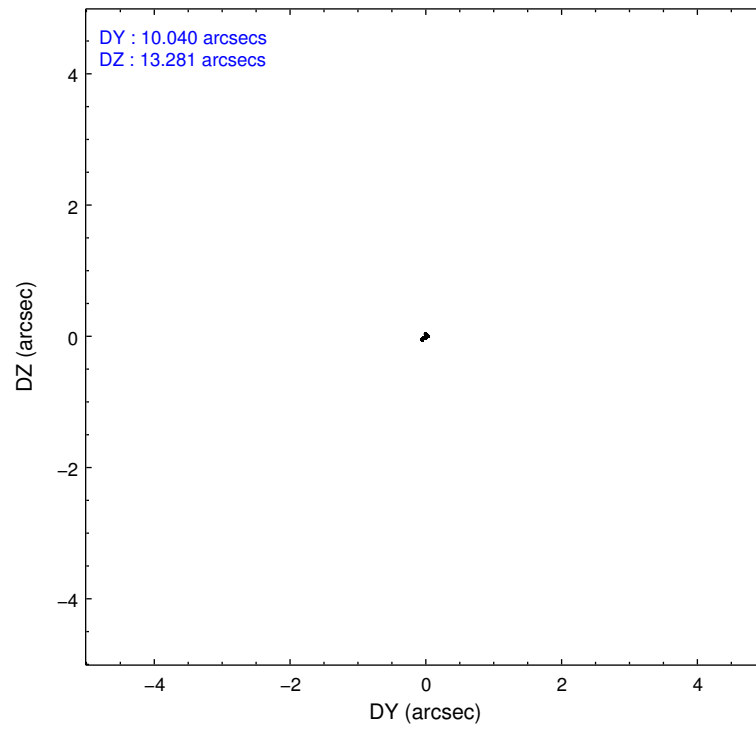
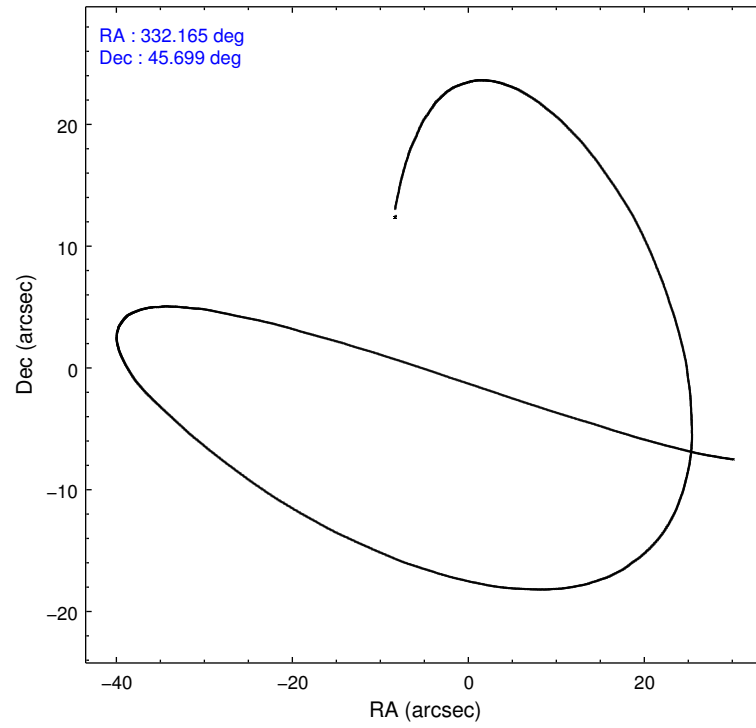
	segment 1	segment 2	segment 3
level 1 events	934	104078	939
rejected events	934	24046	913
rejected %	100%	23%	97%

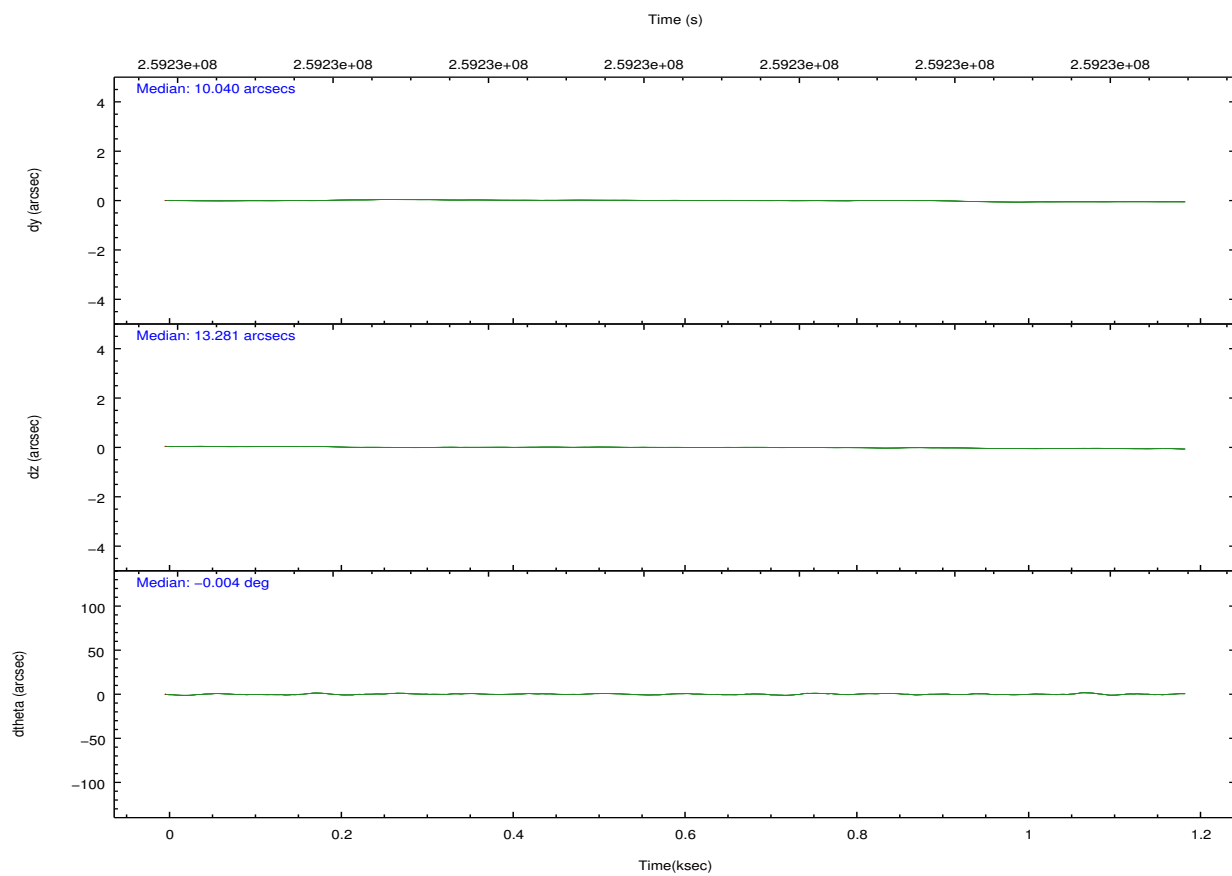
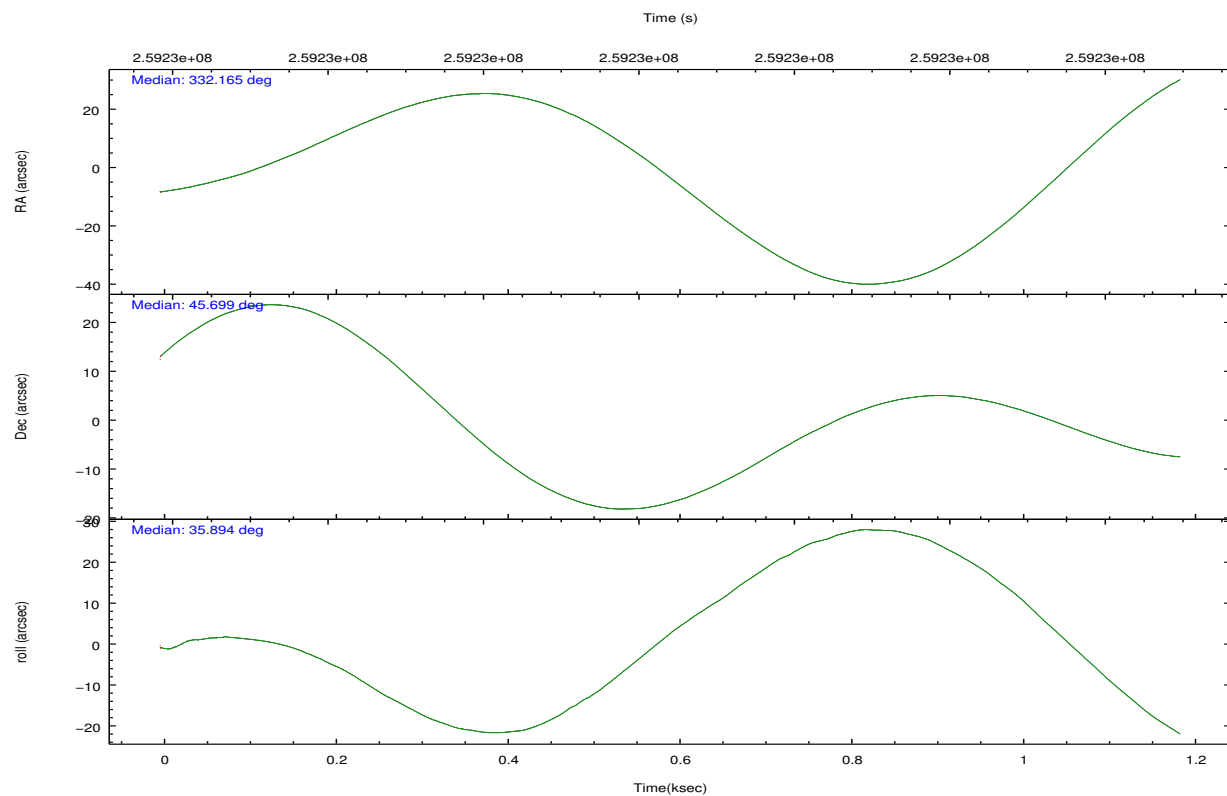
2.2 Compared Parameters

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	332.149931	332.1644724303224
[deg] Pointing Dec	45.671755	45.69910608979414
[deg] Pointing Roll	35.835652	35.89251764353073
[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)	259231029.184000	259230653.41771
Observation start date	2006-03-20T08:36:04	2006-03-20T08:30:53
[s] Observation end time (MET)	259232029.184000	259232163.75528
Observation end date	2006-03-20T08:52:44	2006-03-20T08:56:03

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

2.3 Aspect



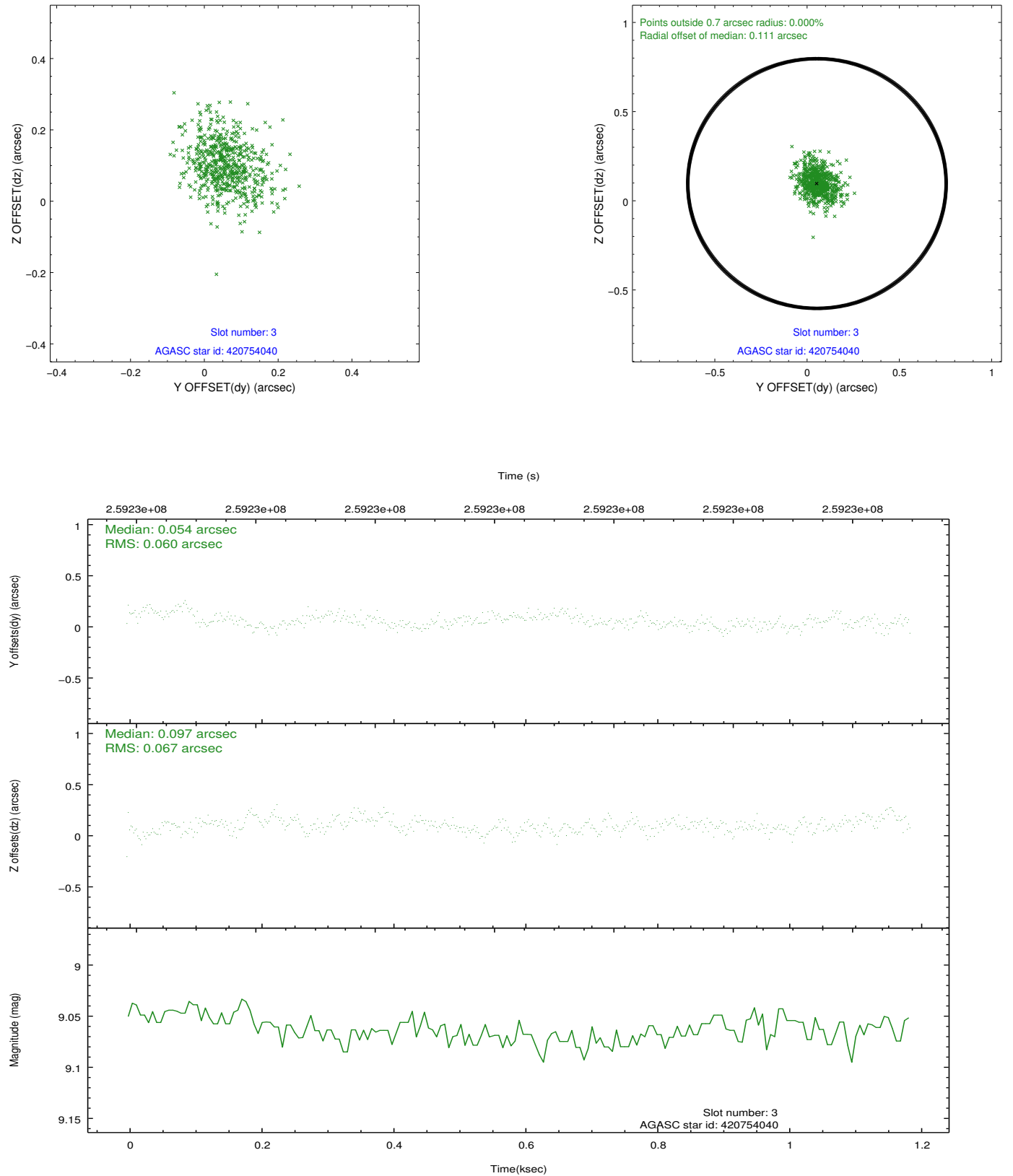


Slot Statistics

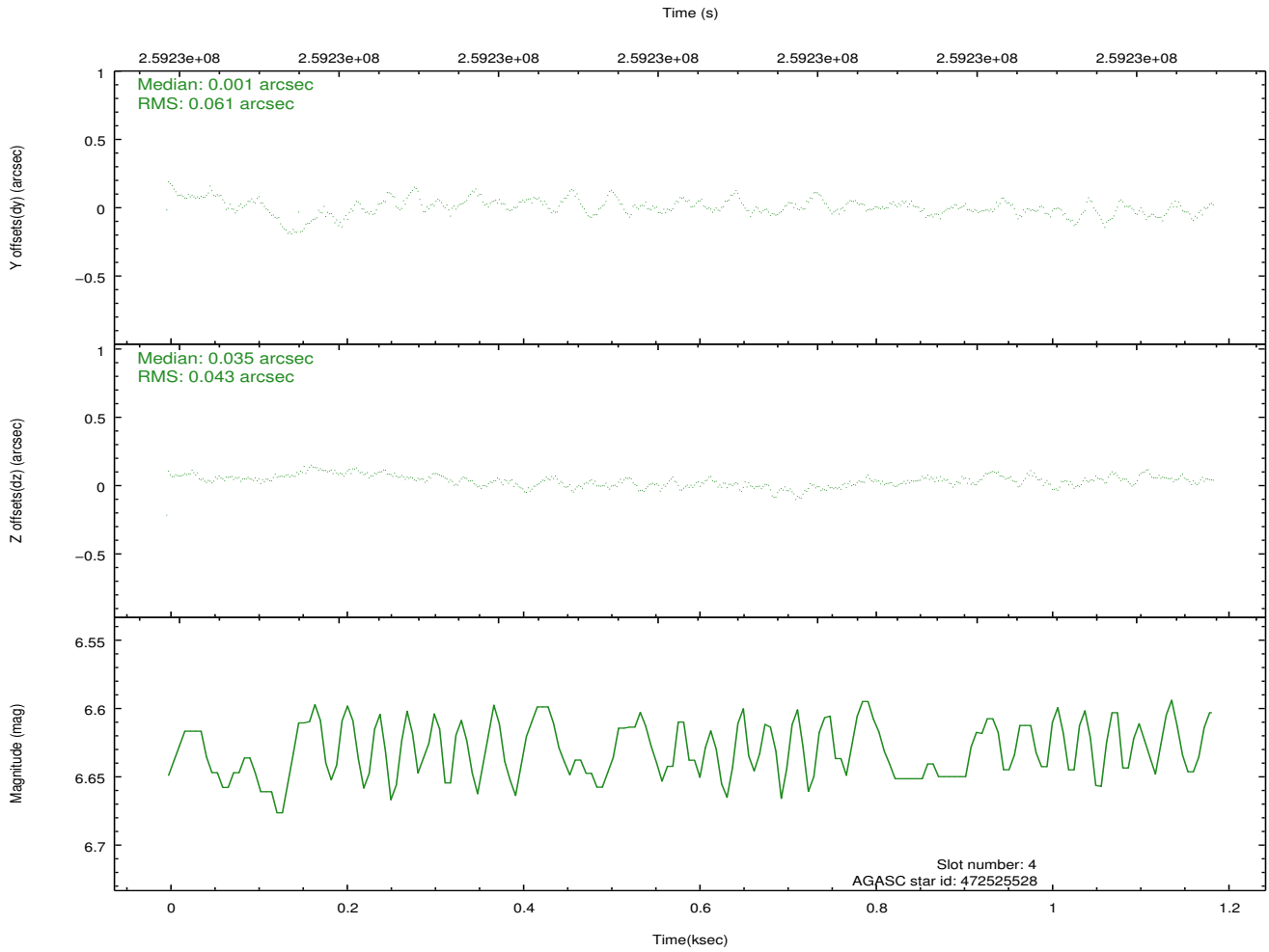
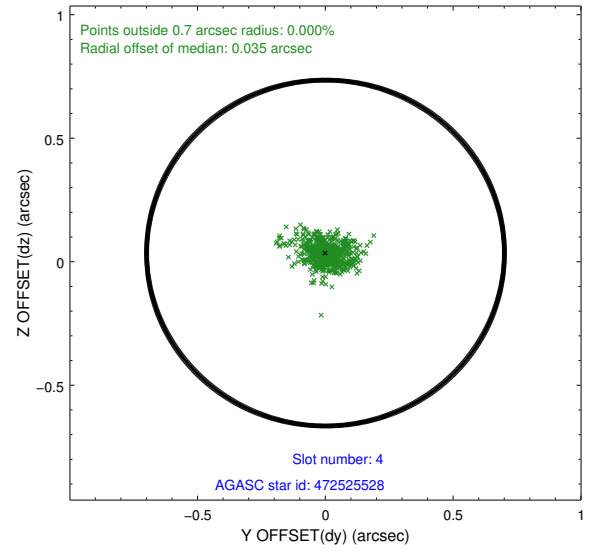
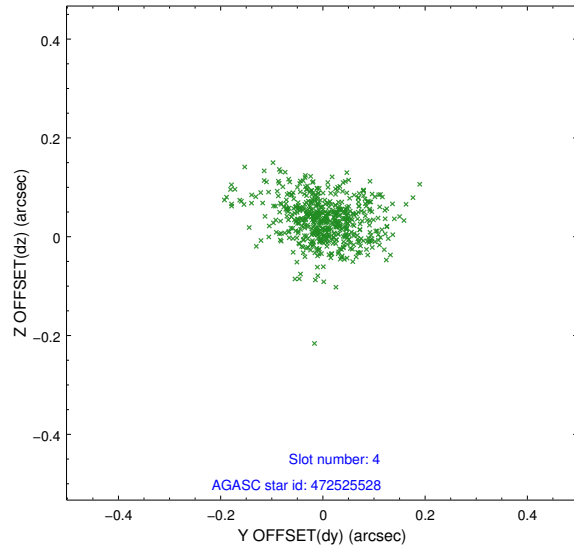
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.06	290	0.128	-0.164	0.007	0.012	0.000000	0.000000	-1164.24	-462.07
1	FID	HRC-S-2	7.05	290	0.139	-0.103	0.005	0.009	0.000000	0.000000	1231.41	-456.22
2	FID	HRC-S-3	7.06	290	0.124	-0.035	0.007	0.011	0.000000	0.000000	-1162.73	566.00
3	GUIDE	420754040	9.06	579	0.054	0.097	0.096	0.165	331.917939	44.882543	-2142.56	-1958.61
4	GUIDE	472525528	6.63	580	0.001	0.035	0.075	0.140	331.551102	45.248694	-2123.04	-347.11
5	GUIDE	472651904	6.12	580	-0.130	-0.190	0.077	0.138	332.170077	45.742257	185.21	173.52
6	GUIDE	472655152	9.43	577	0.138	-0.024	0.112	0.309	332.504239	45.862991	1124.09	37.67
7	GUIDE	472659832	9.47	579	-0.066	0.096	0.106	0.181	332.780399	46.098139	2179.60	325.82

2.4 Star Slots

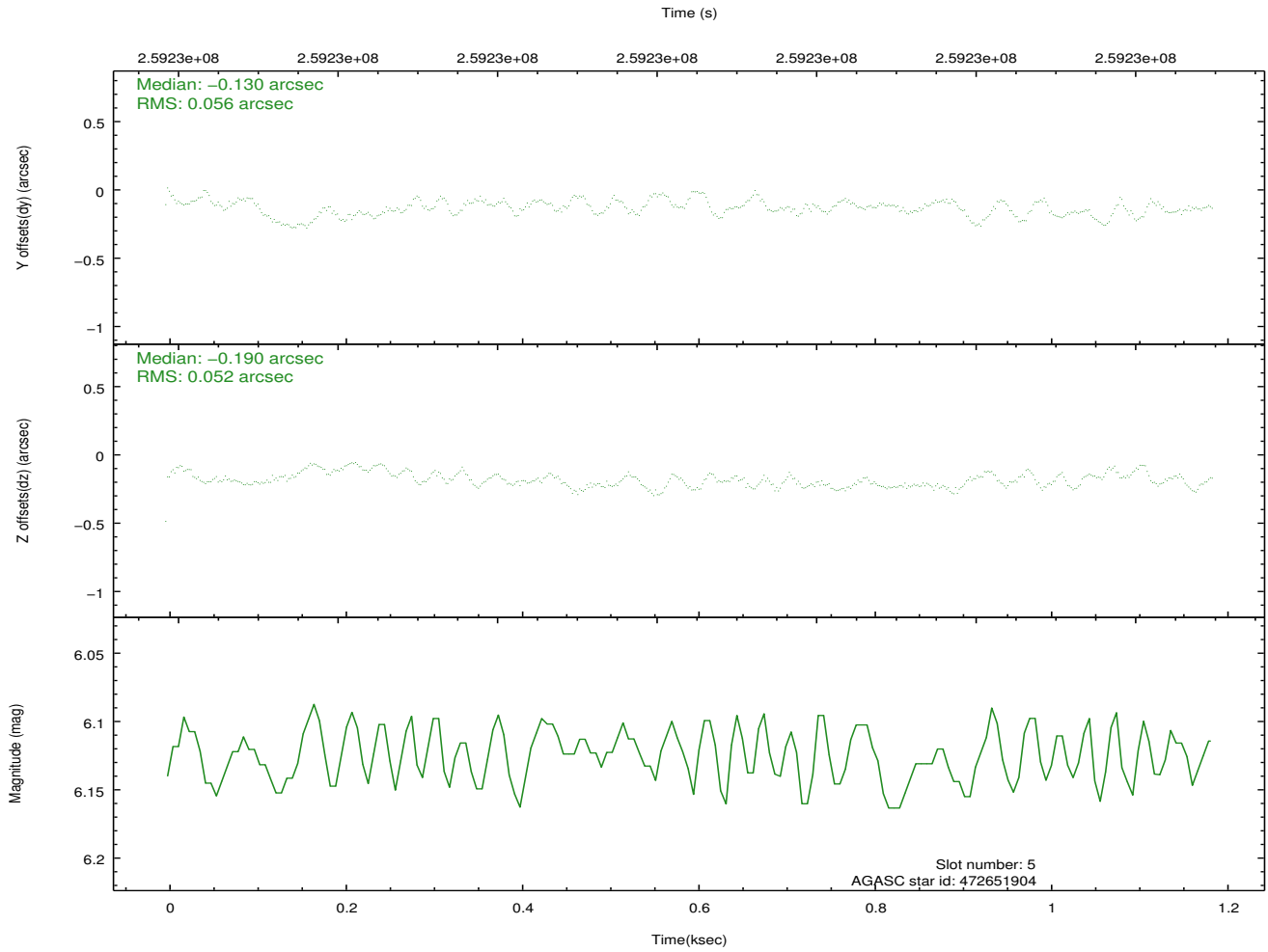
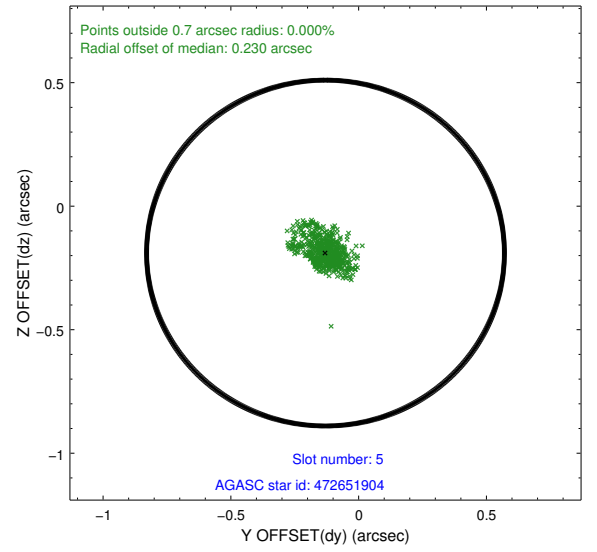
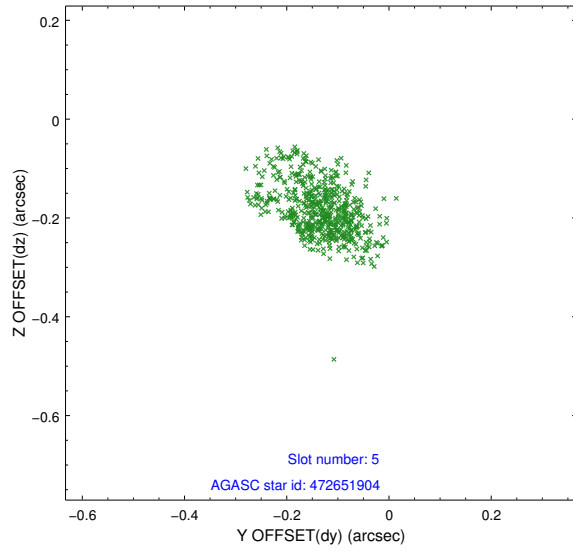
2.4.1 Slot 3



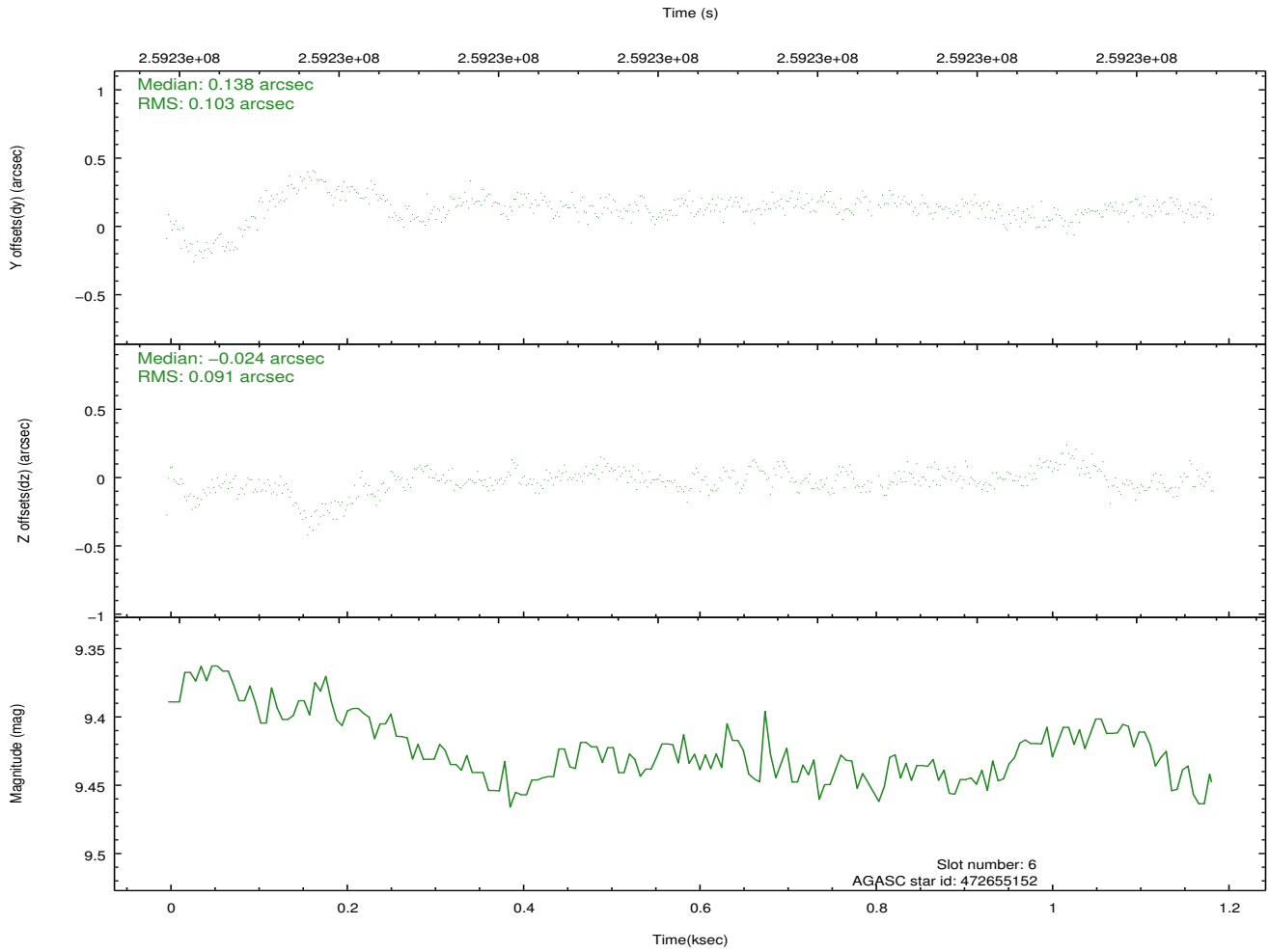
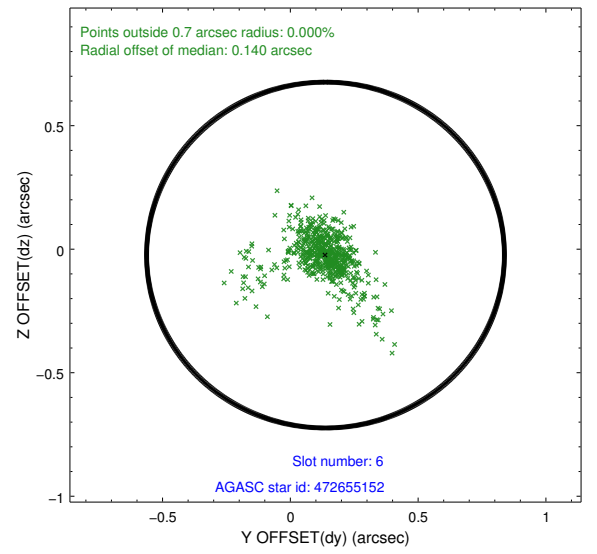
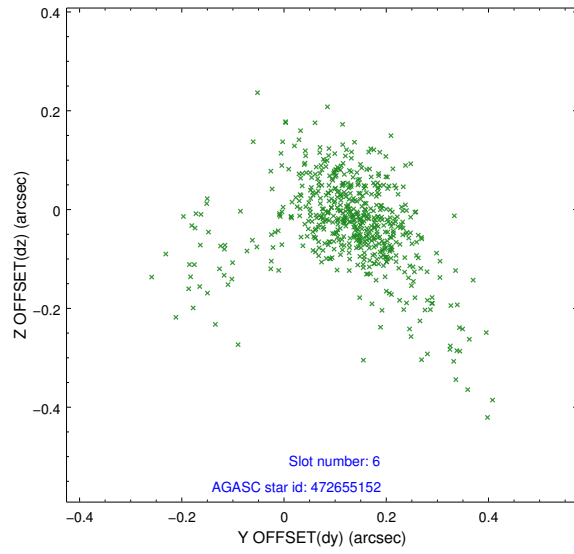
2.4.2 Slot 4



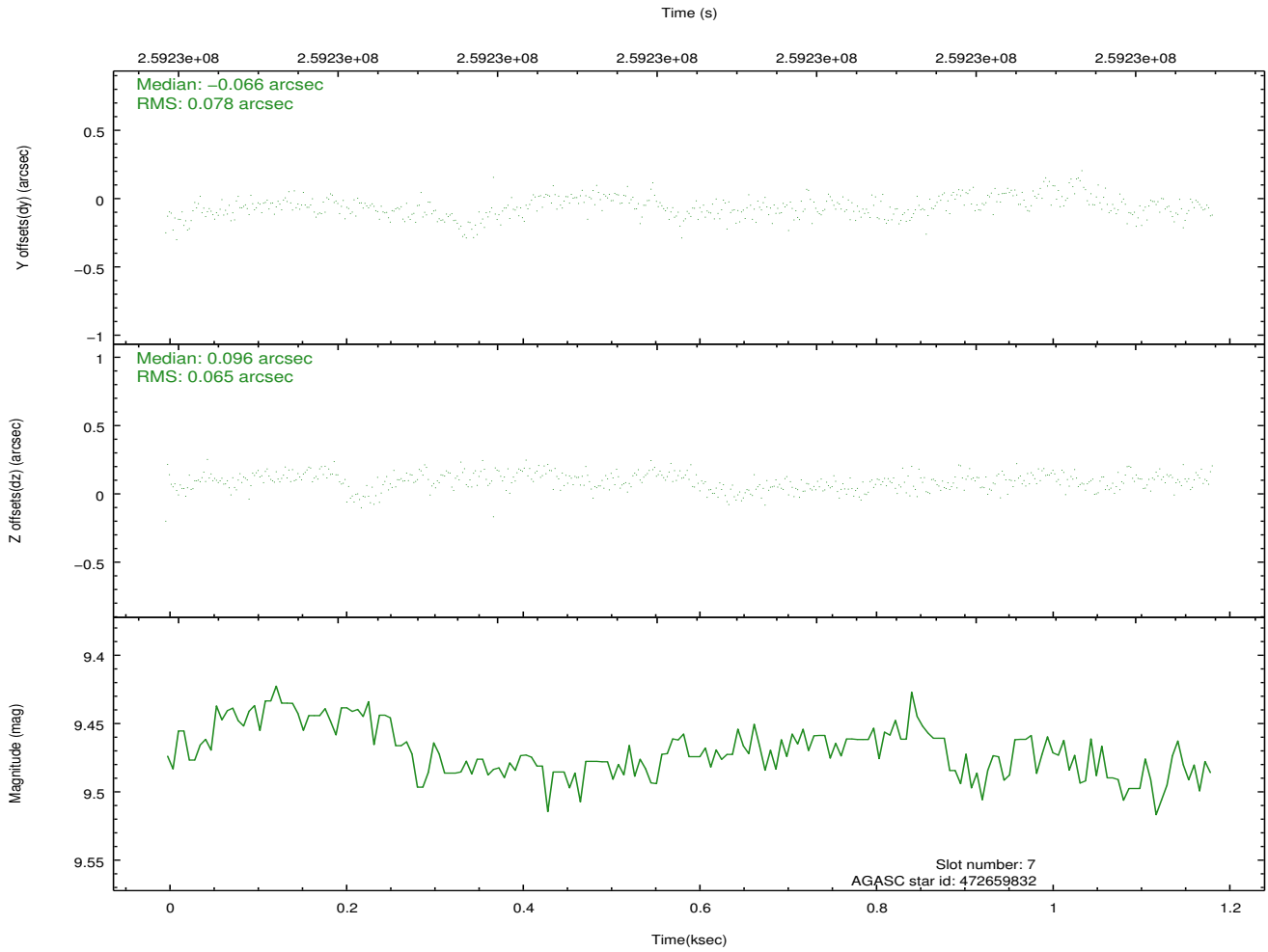
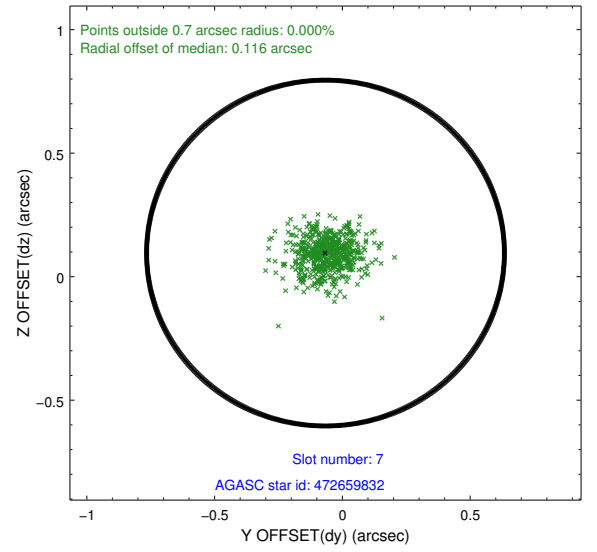
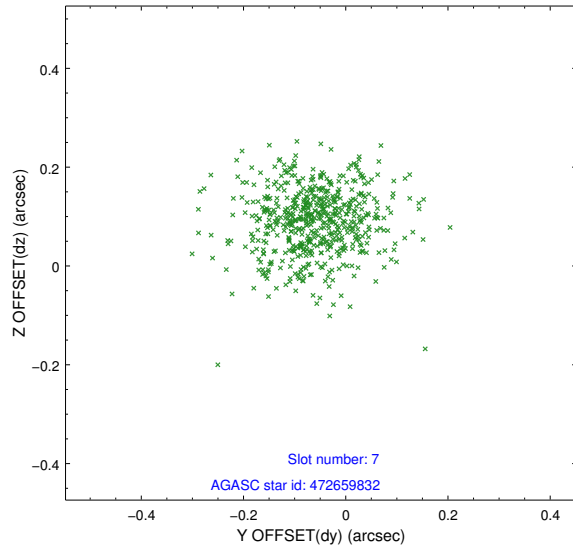
2.4.3 Slot 5



2.4.4 Slot 6

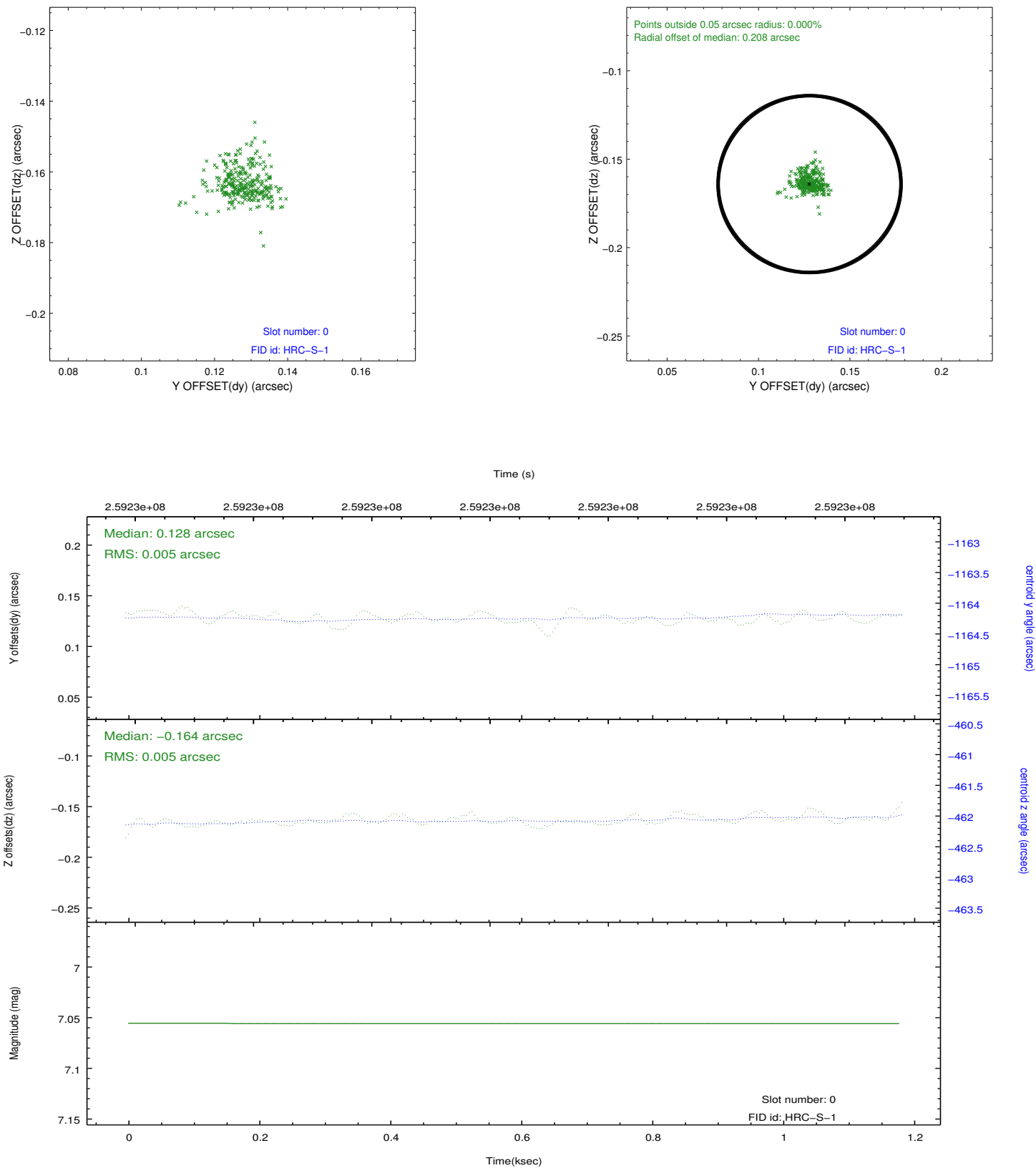


2.4.5 Slot 7

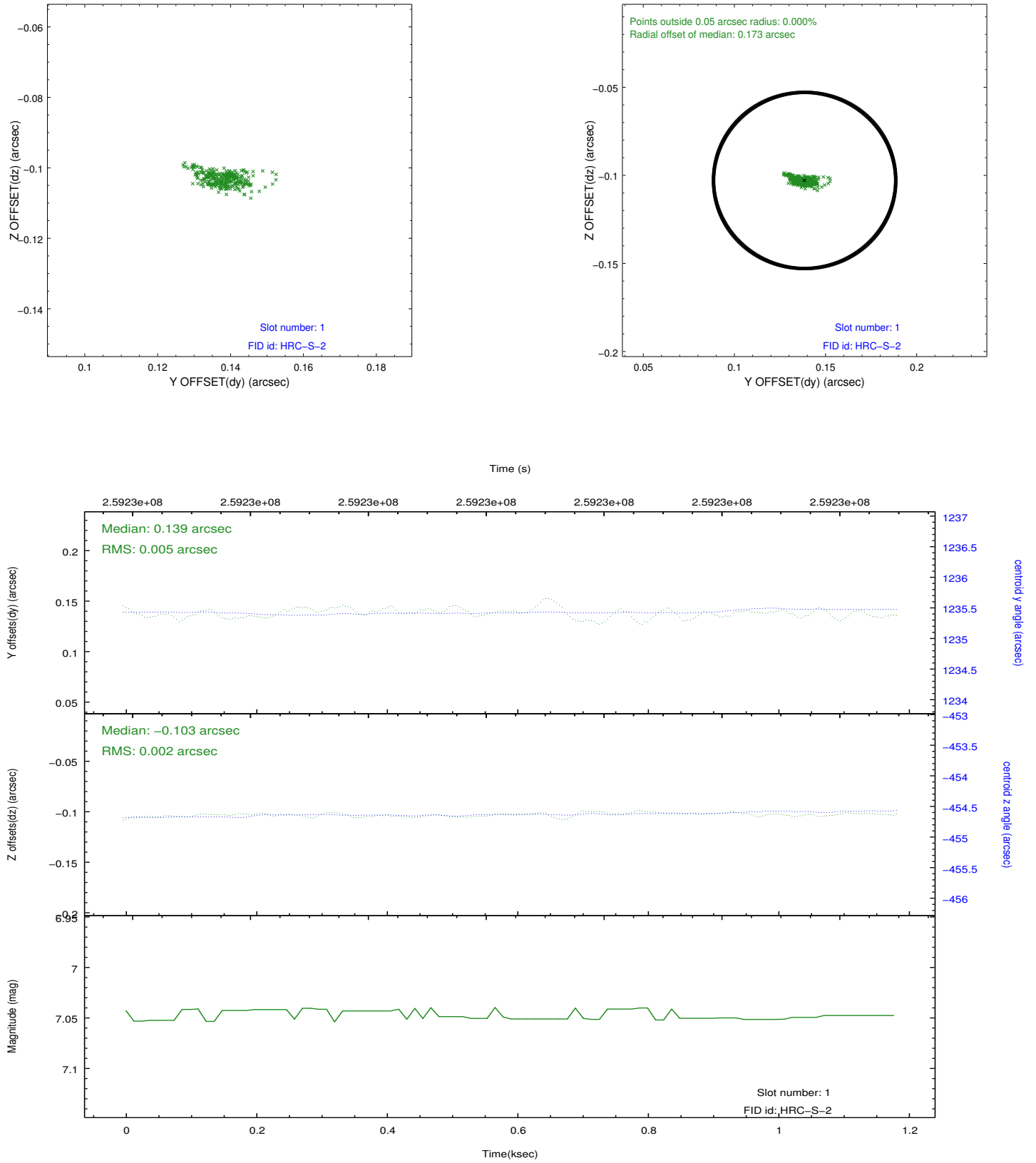


2.5 FID Slots

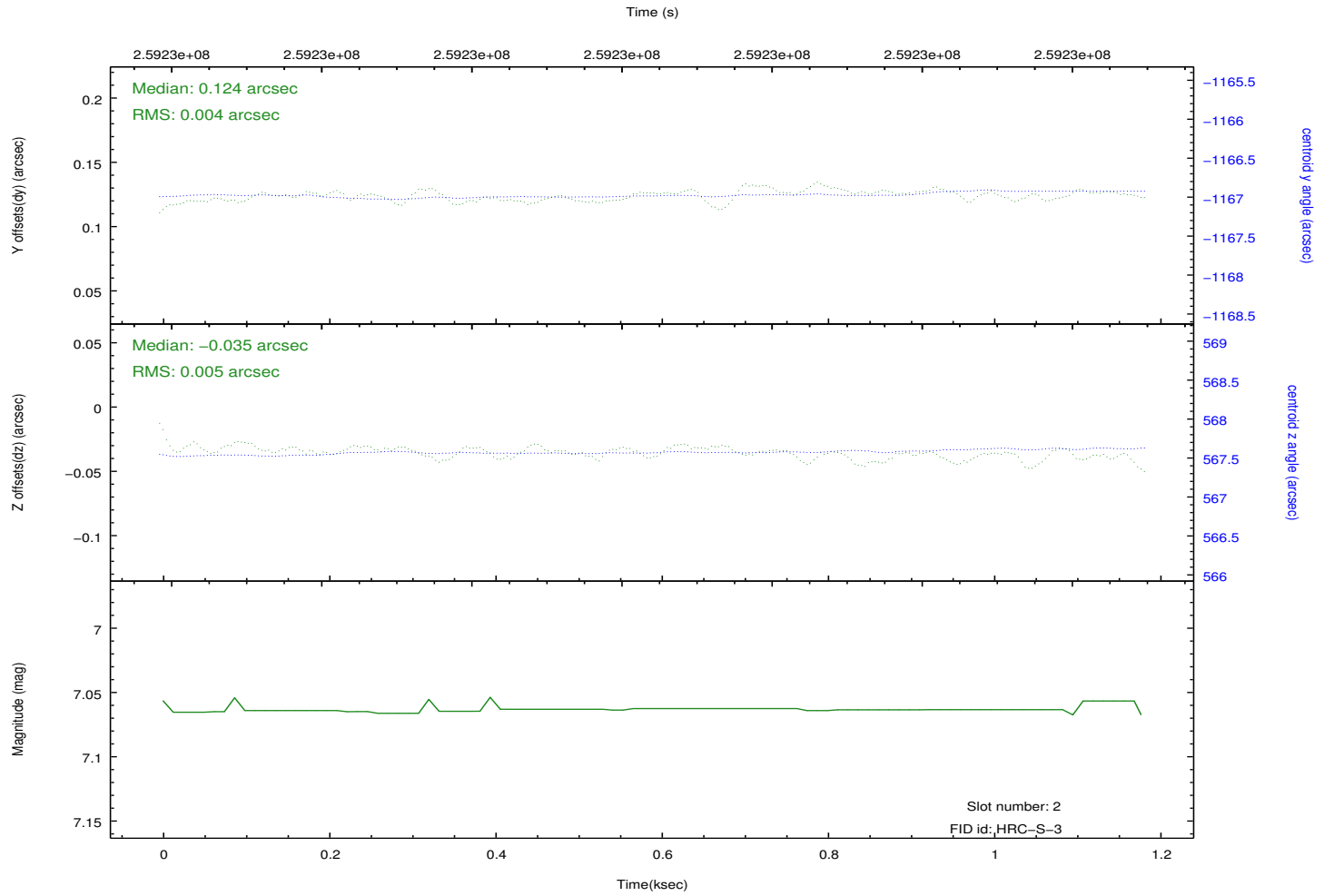
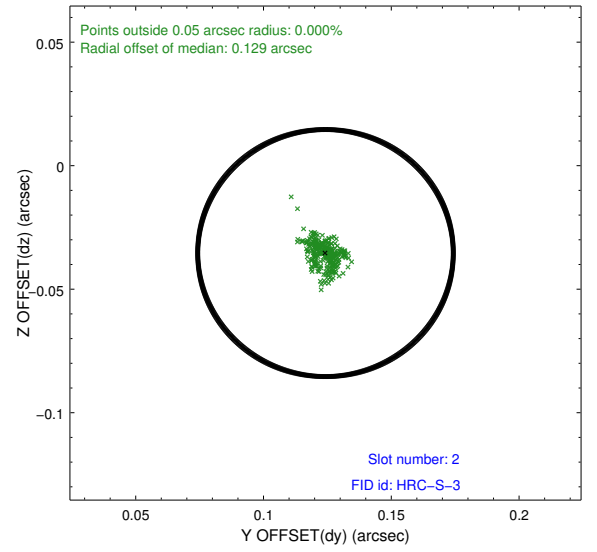
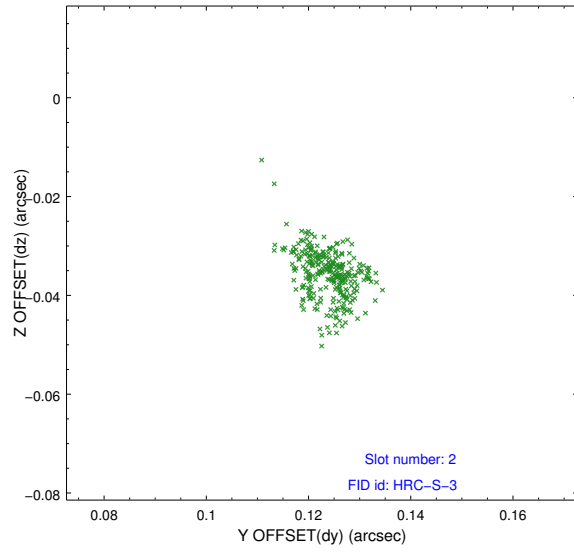
2.5.1 Slot 0



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)	2012.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1574813

A.2 Comments