

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10607 - L2 Version 3
Chandra X-Ray Center

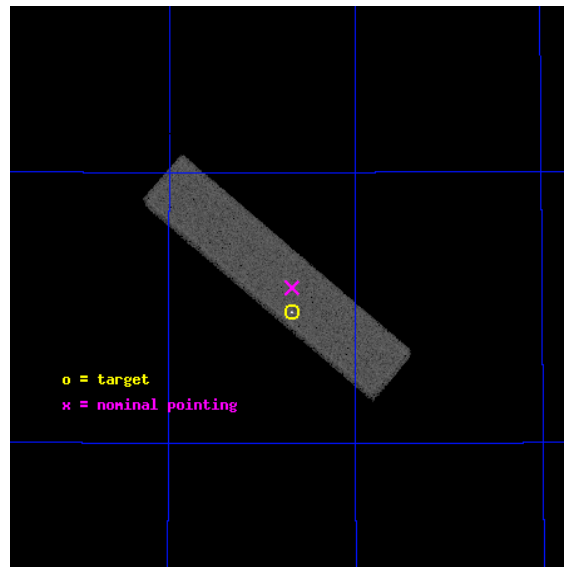
L2 Processing Date : Aug 13 2012

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1 Front

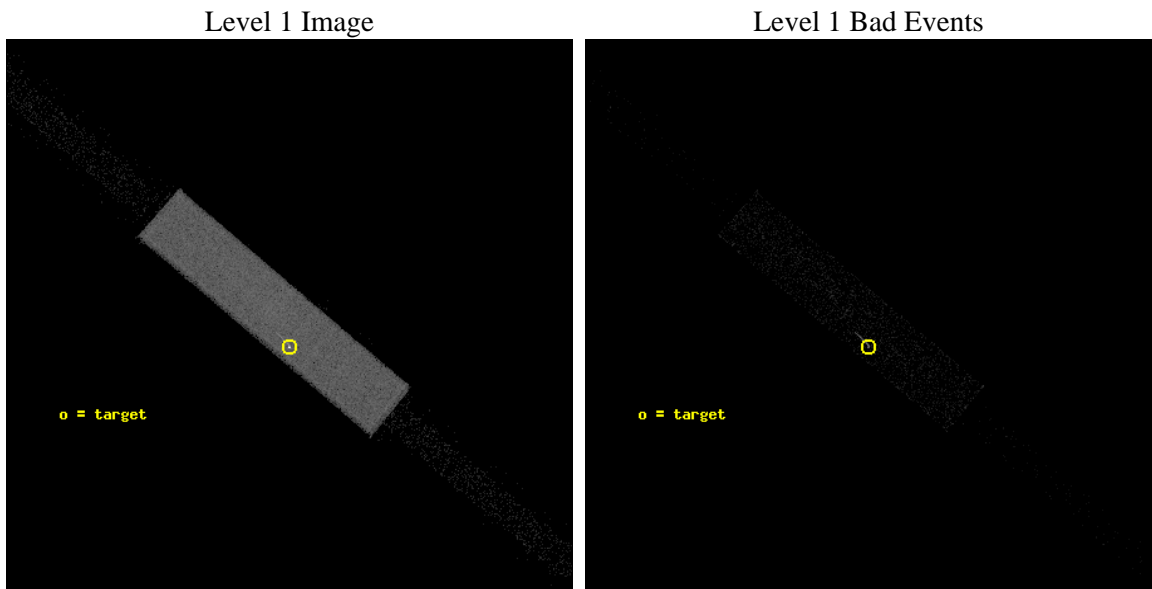
seq_num	290843	Sequence number
obs_id	10607	Observation id
title	AO-10 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.16999264145	Nominal RA [deg]
dec_nom	45.787358634832	Nominal Dec [deg]
roll_nom	220.17973160705	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1190.2813098431	[s]
livetime	1178.7975482717	Ontime multiplied by DTCOR
l2events	82776	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	1190.2813098431	[s]
caldsver	4.5.1.1	 	l1events	125999	Number of level 1 events
date	2012-08-13T16:05:17	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

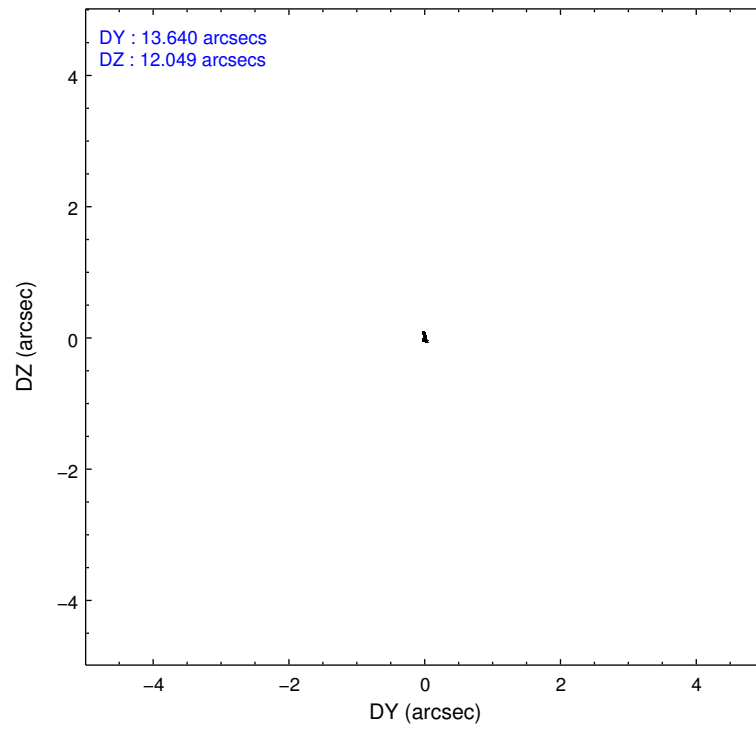
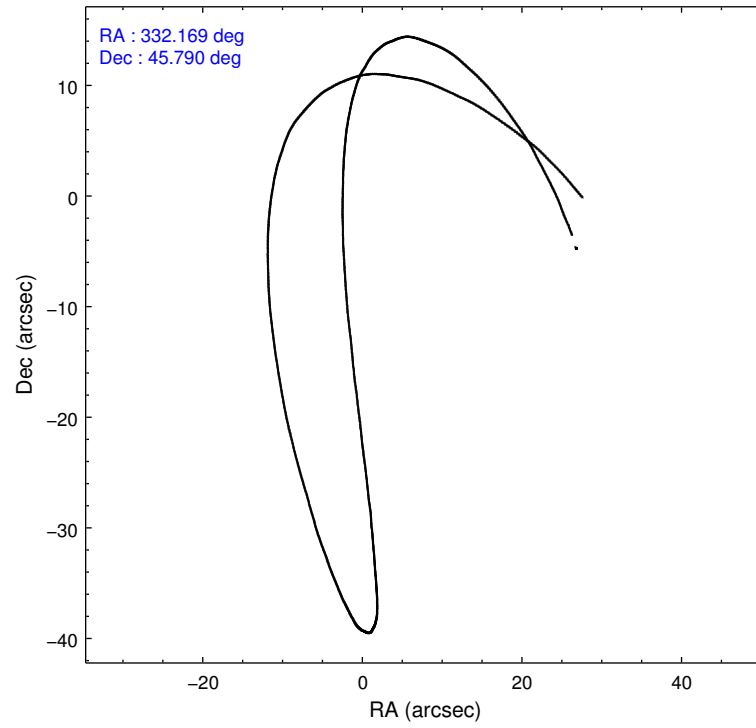
	segment 1	segment 2	segment 3
level 1 events	1163	123742	1094
rejected events	1163	25301	1094
rejected %	100%	20%	100%

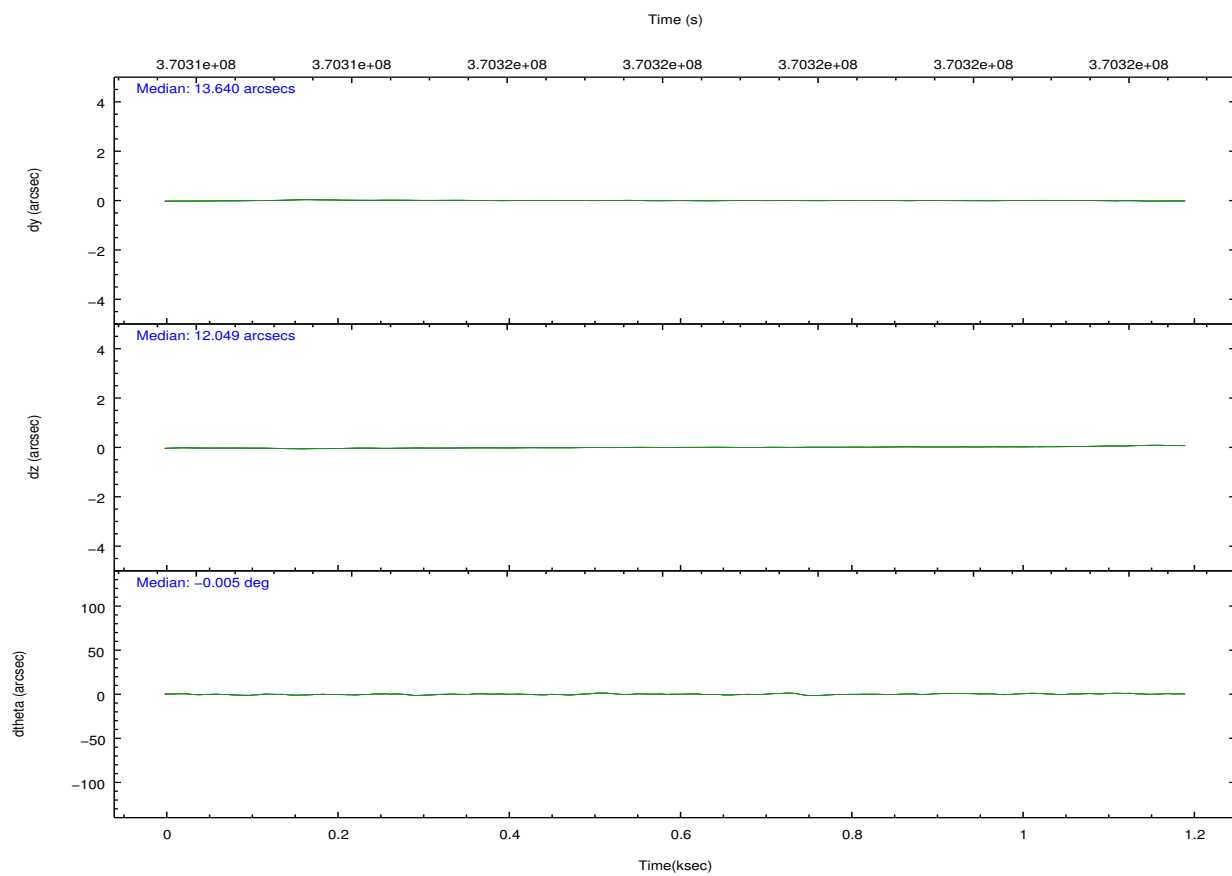
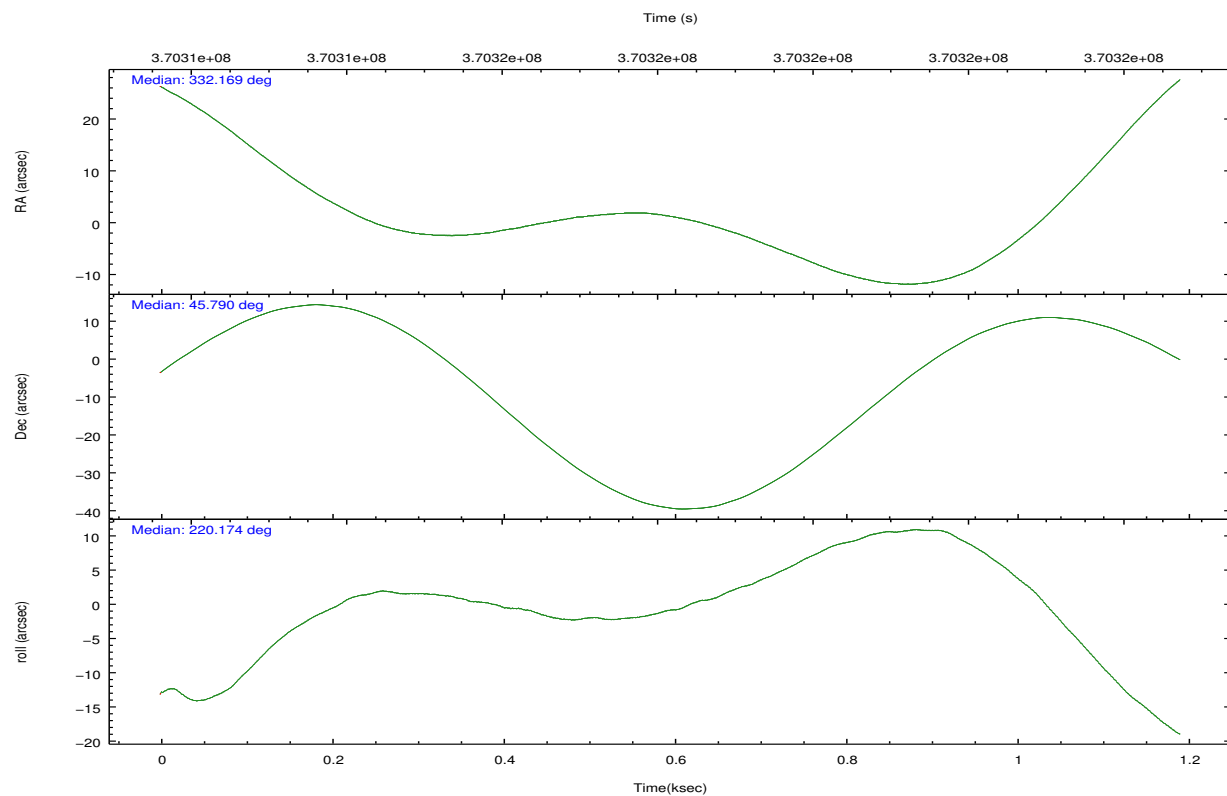
2.2 Compared Parameters

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	332.182494	332.1699926414478
[deg] Pointing Dec	45.813718	45.78735863483234
[deg] Pointing Roll	220.103410	220.1797316070505
[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)	370314813.184000	370314437.01444
Observation start date	2009-09-26T01:12:27	2009-09-26T01:07:17
[s] Observation end time (MET)	370315813.184000	370315946.83951
Observation end date	2009-09-26T01:29:07	2009-09-26T01:32:26

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

2.3 Aspect



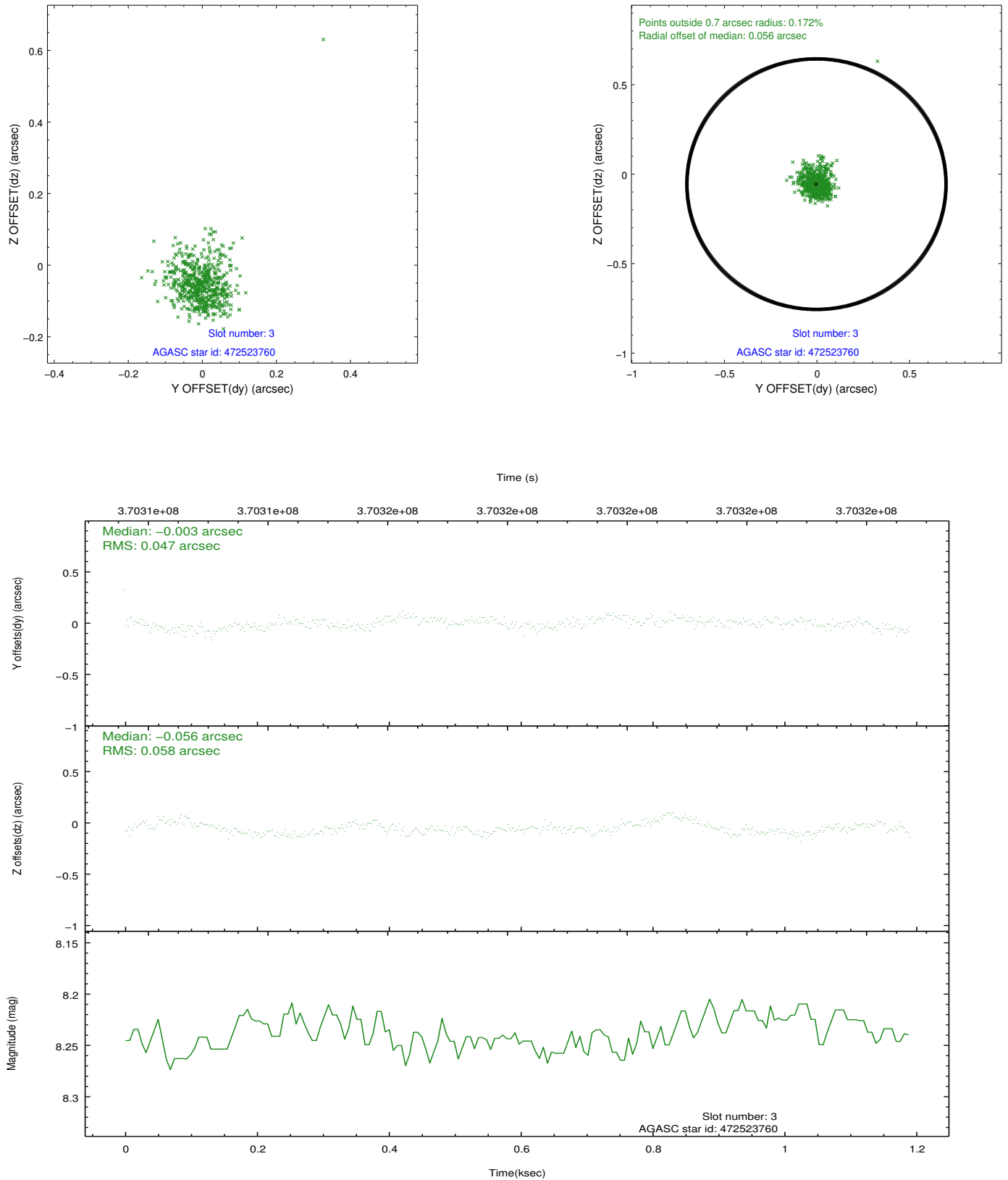


Slot Statistics

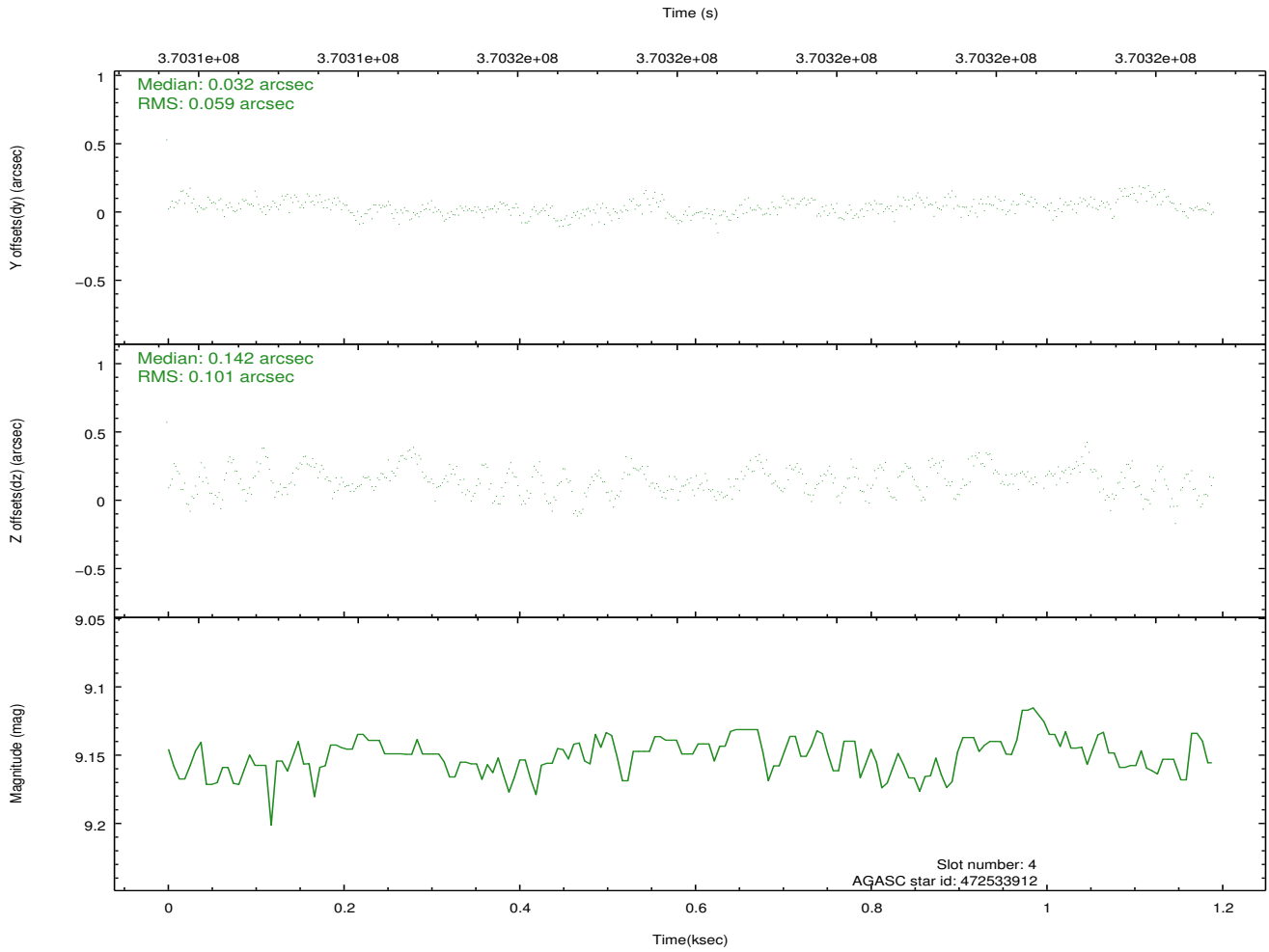
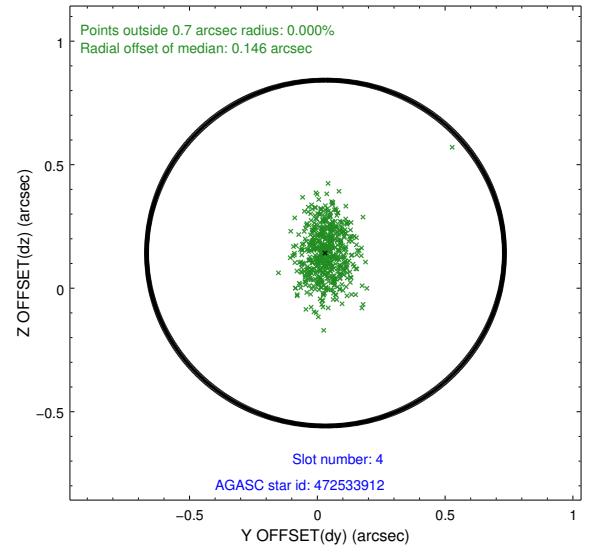
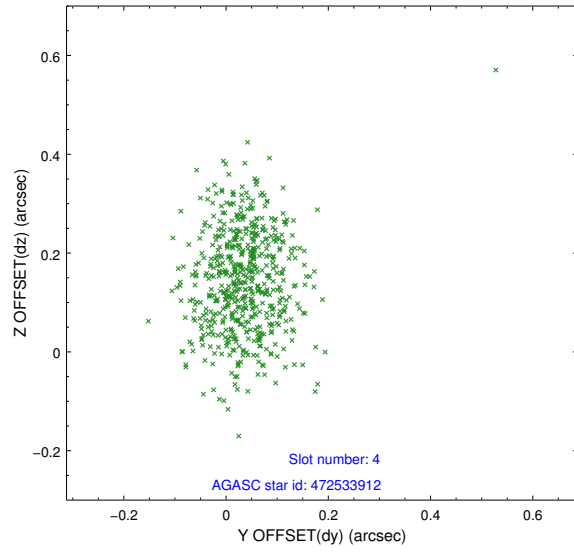
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.99	290	0.076	-0.126	0.007	0.015	0.000000	0.000000	-1168.00	-460.80
1	FID	HRC-S-2	6.97	291	0.213	-0.113	0.004	0.009	0.000000	0.000000	1227.78	-454.96
2	FID	HRC-S-3	6.99	291	0.100	-0.063	0.007	0.014	0.000000	0.000000	-1166.50	567.22
3	GUIDE	472523760	8.24	582	-0.003	-0.056	0.072	0.123	331.645363	45.403260	1989.40	256.35
4	GUIDE	472533912	9.15	578	0.032	0.142	0.122	0.203	331.791136	46.368695	-539.39	-2151.77
5	GUIDE	472651904	6.08	582	-0.145	-0.262	0.082	0.122	332.170077	45.742257	190.52	176.07
6	GUIDE	472654568	9.41	581	0.053	0.166	0.107	0.171	332.194449	45.063576	1718.49	2089.84
7	GUIDE	472655152	9.44	580	0.058	0.010	0.117	0.196	332.504239	45.862991	-727.35	390.35

2.4 Star Slots

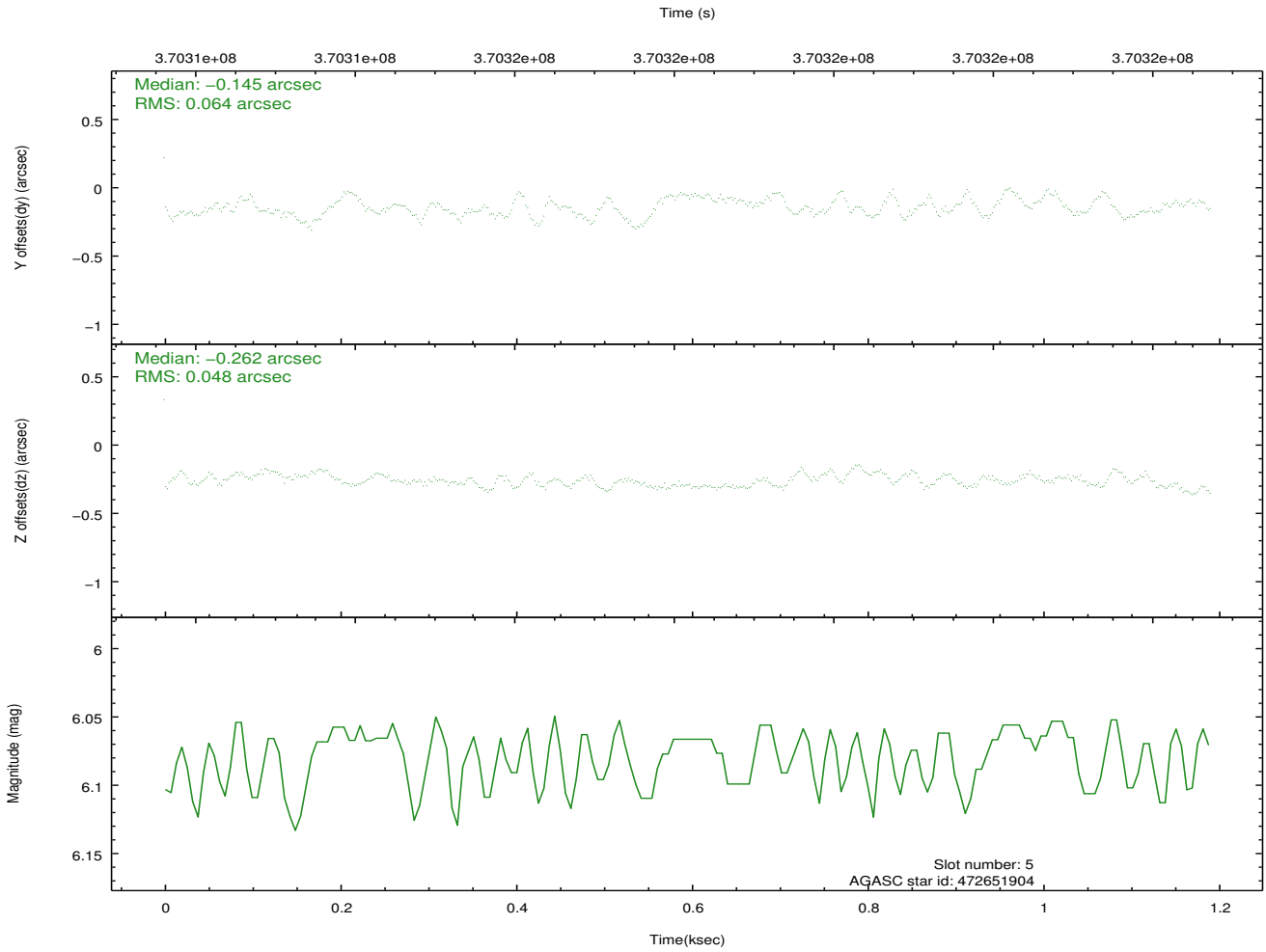
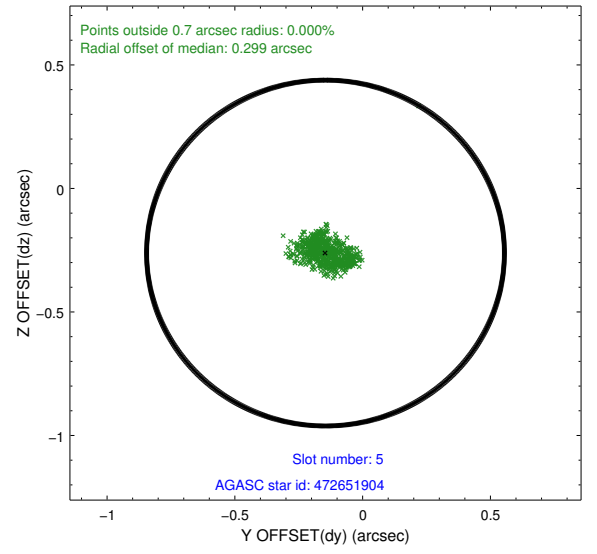
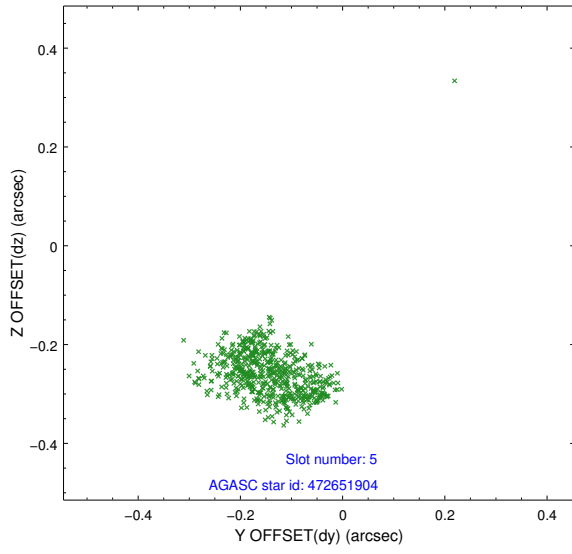
2.4.1 Slot 3



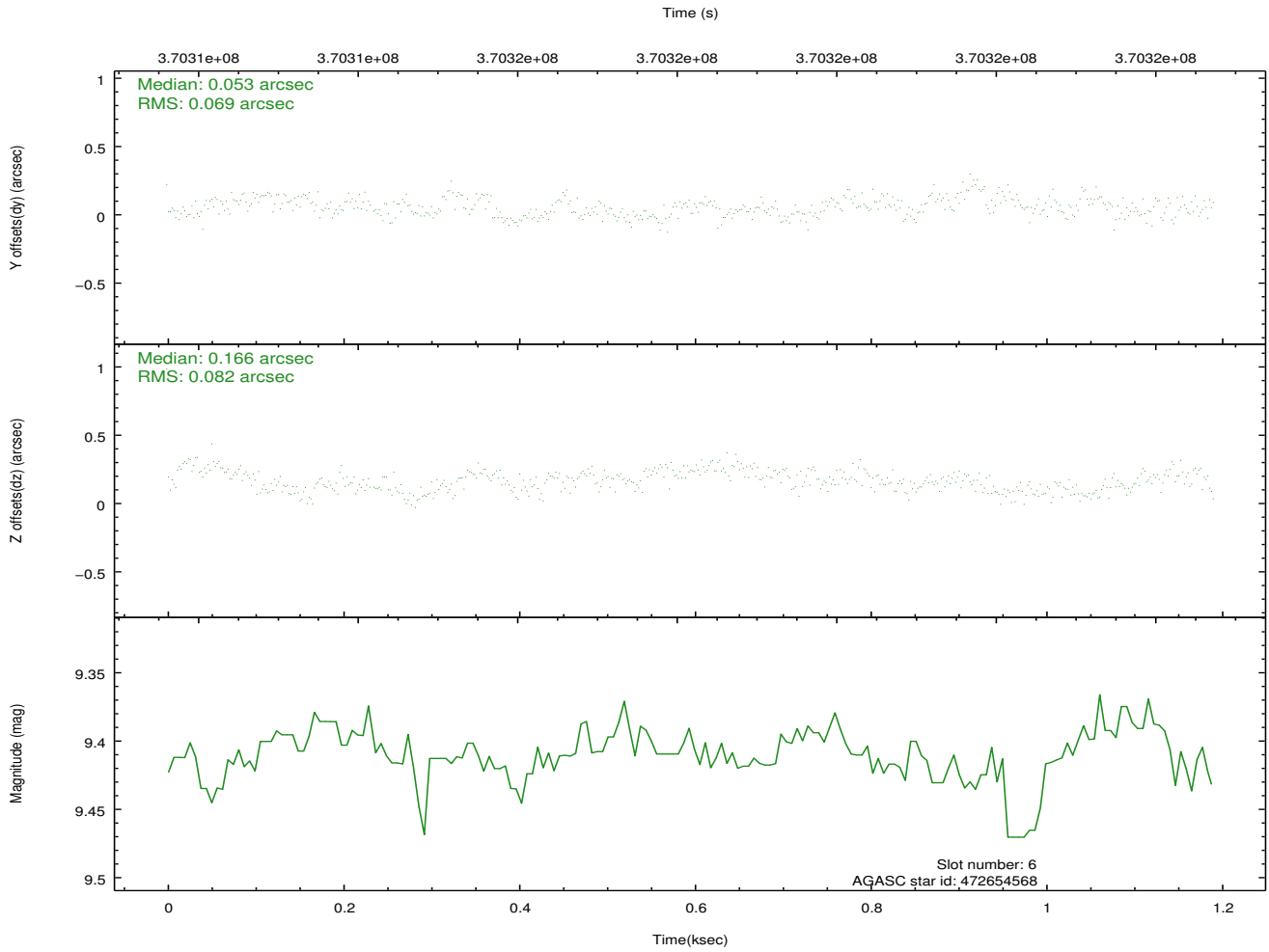
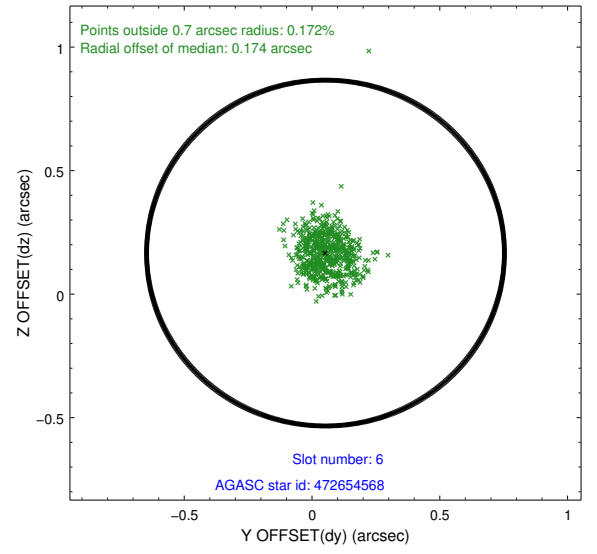
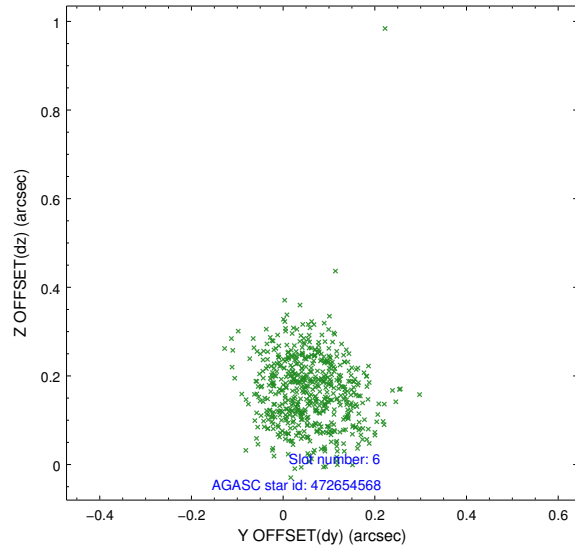
2.4.2 Slot 4



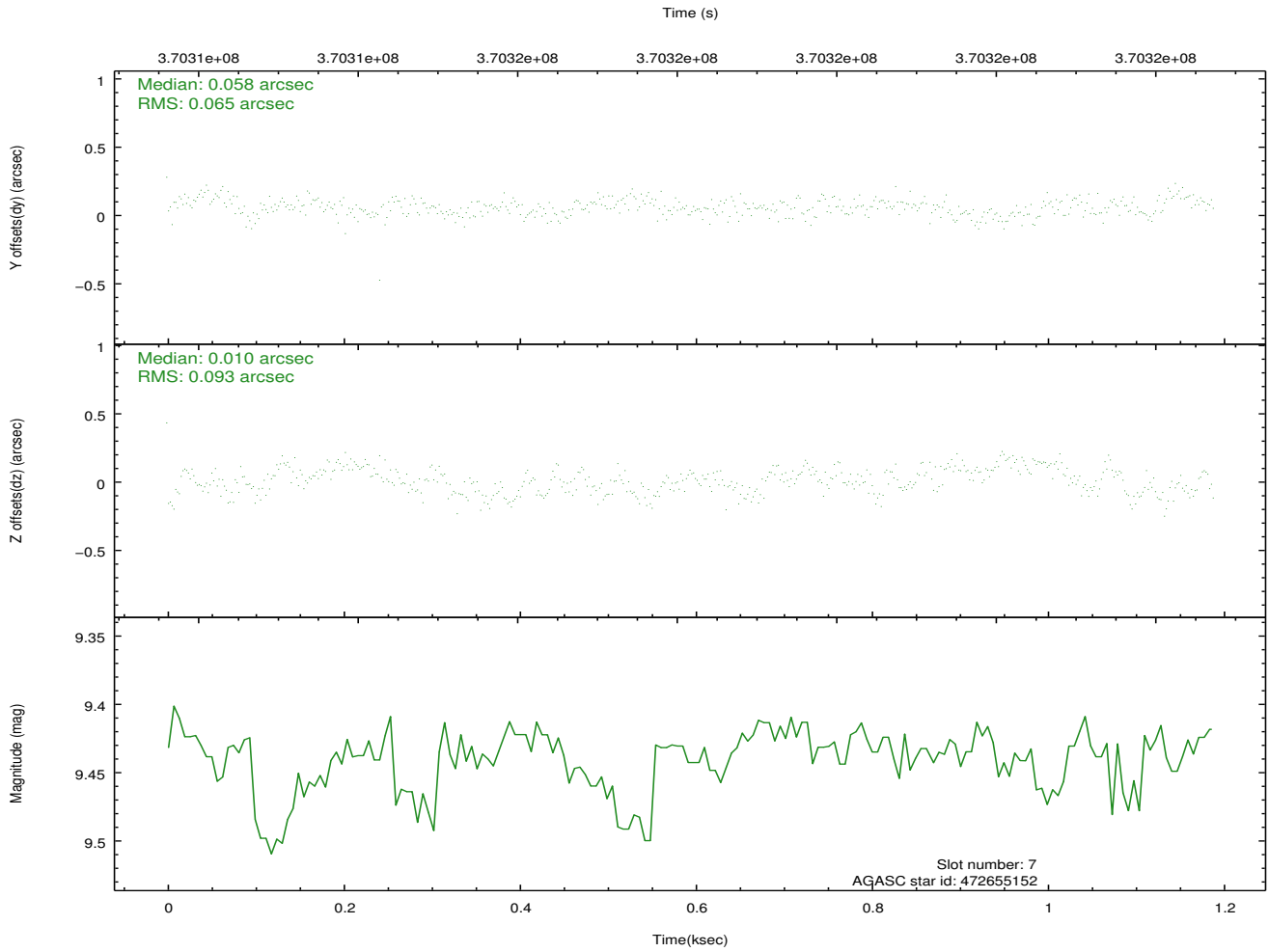
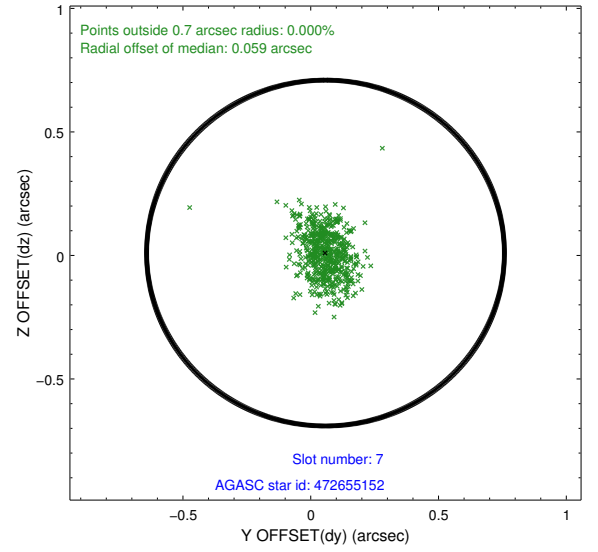
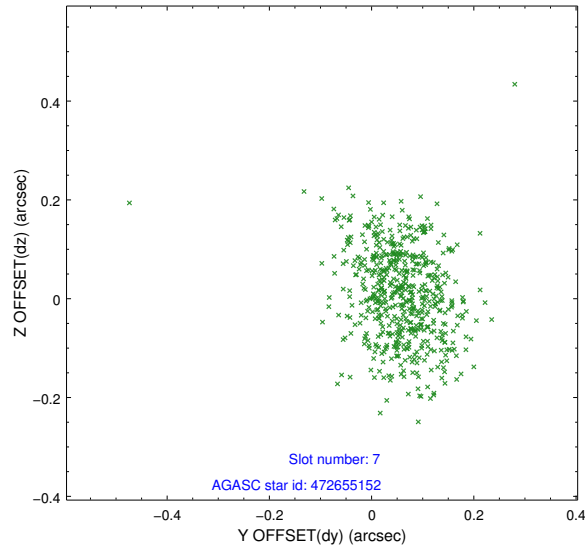
2.4.3 Slot 5



2.4.4 Slot 6

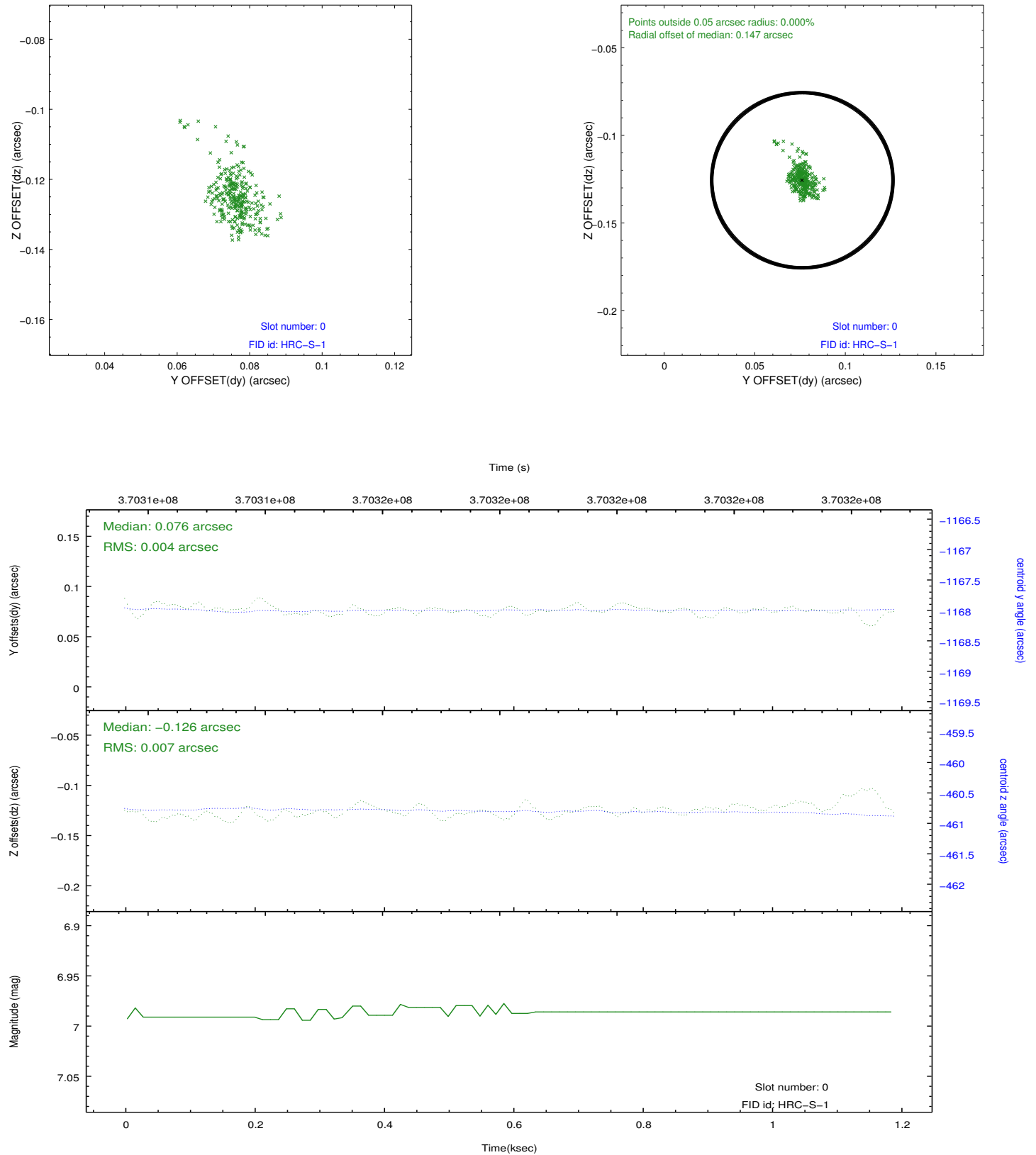


2.4.5 Slot 7

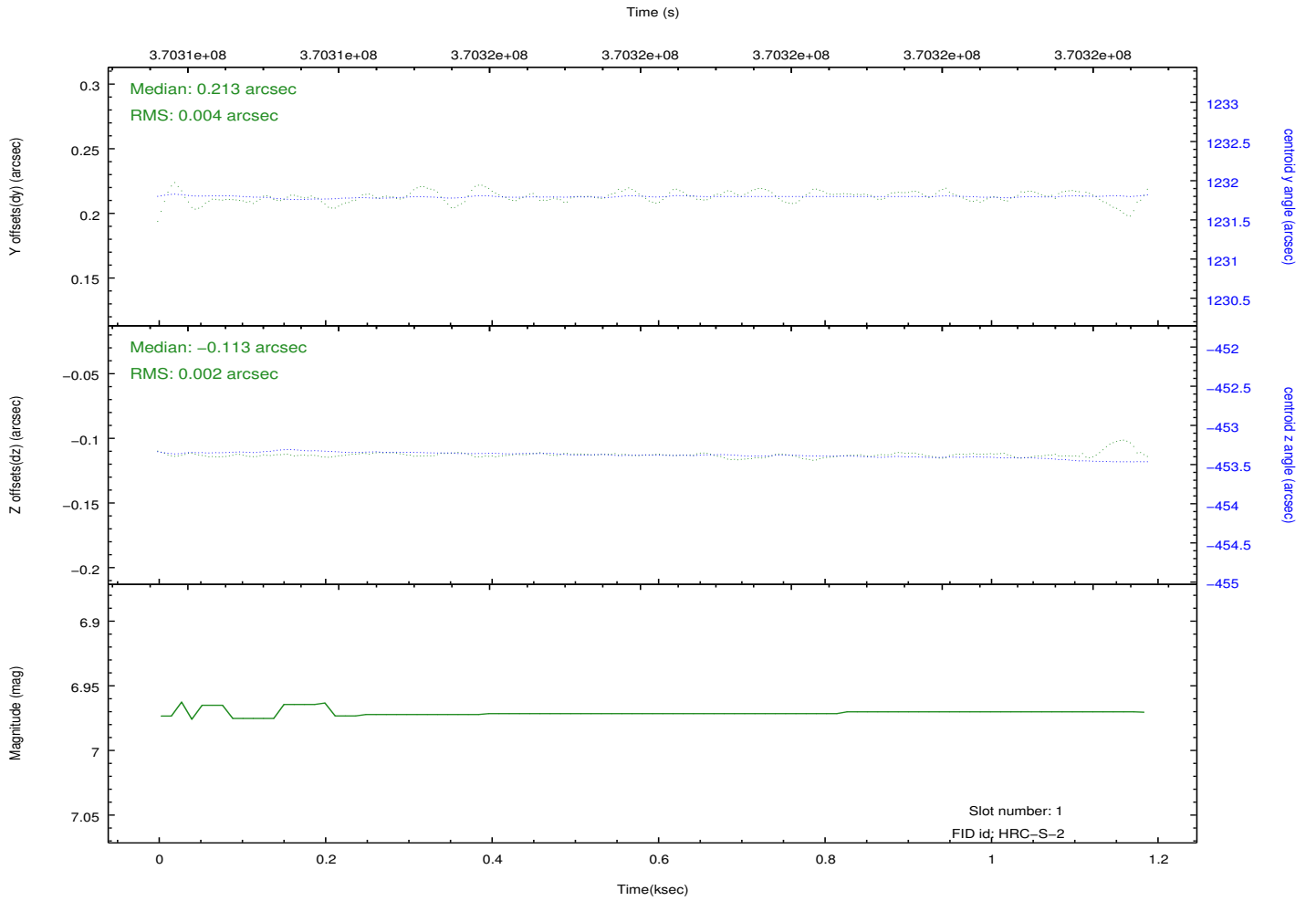
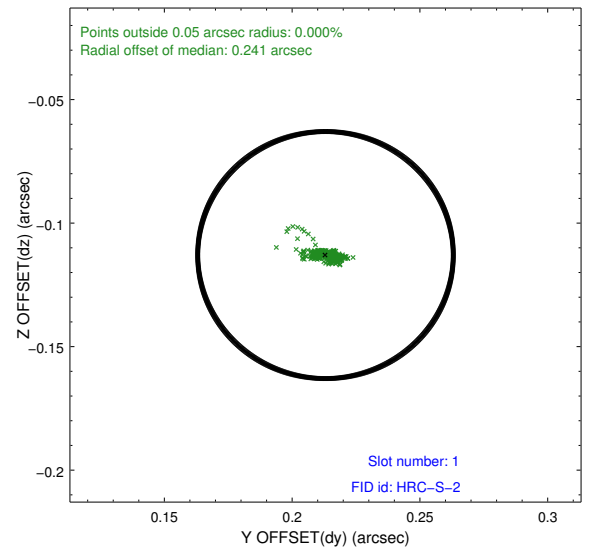
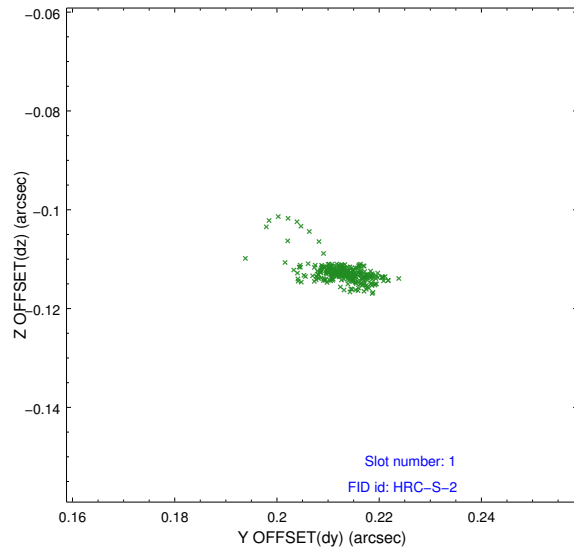


2.5 FID Slots

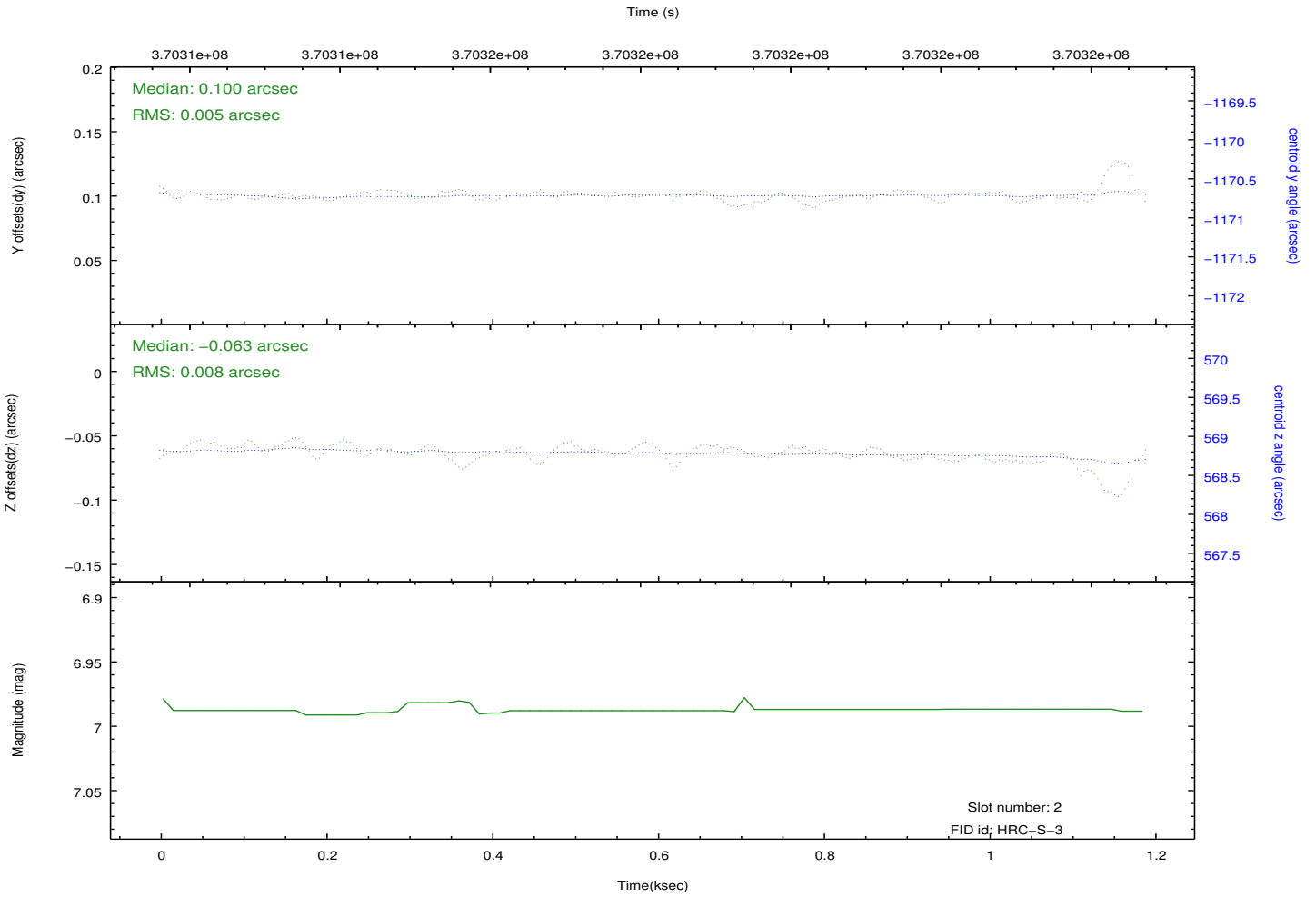
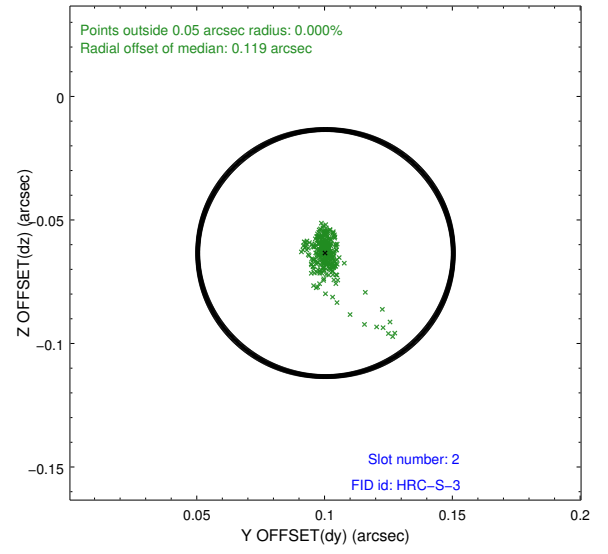
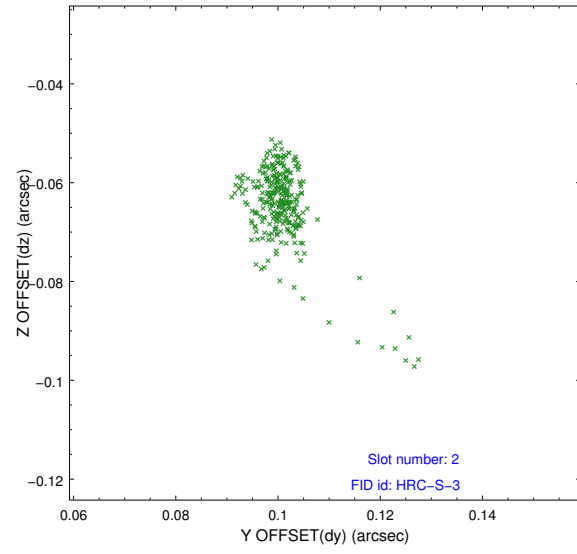
2.5.1 Slot 0



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)	2012.08.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1902813097835

A.2 Comments