

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8332 - L2 Version 3
Chandra X-Ray Center

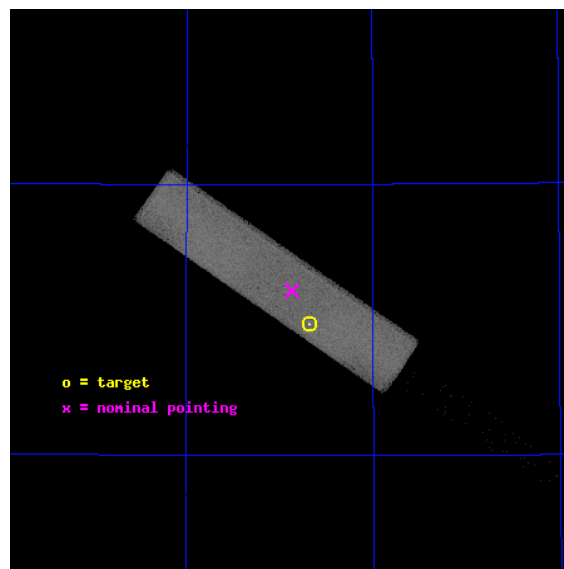
L2 Processing Date : Aug 12 2012

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1 Front

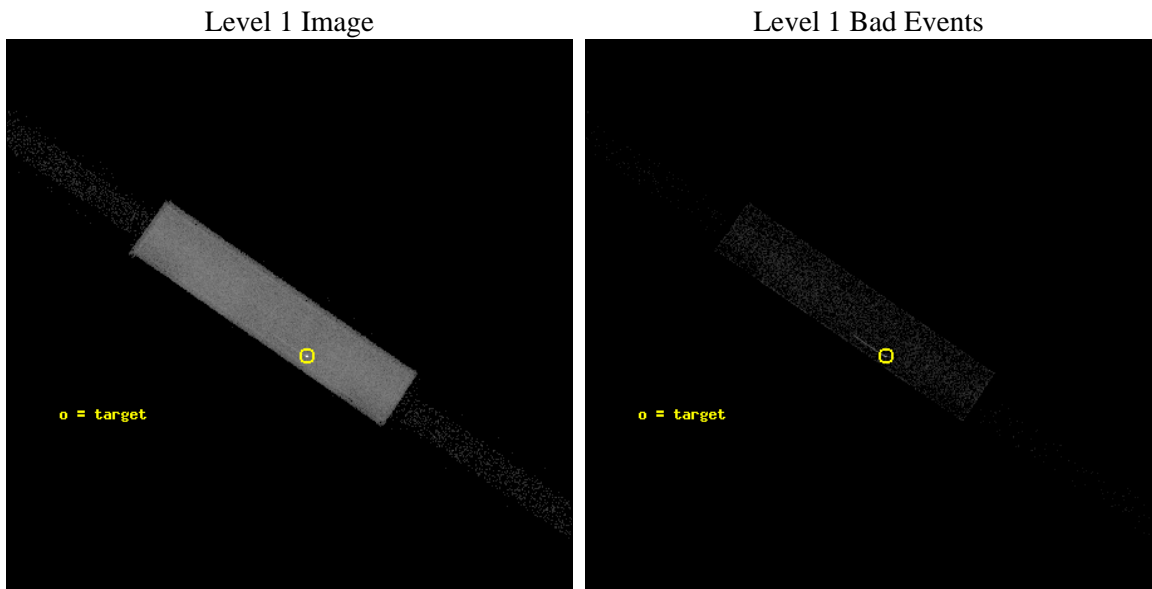
seq_num	290711	Sequence number
obs_id	8332	Observation id
title	AO8 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.21709231411	Nominal RA [deg]
dec_nom	45.803872488178	Nominal Dec [deg]
roll_nom	214.39244823675	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1161.5813059807	[s]
livetime	1094.1944729408	Ontime multiplied by DTCOR
l2events	139712	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	1161.5813059807	[s]
caldsver	4.5.1.1	 	l1events	203139	Number of level 1 events
date	2012-08-12T03:25:56	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

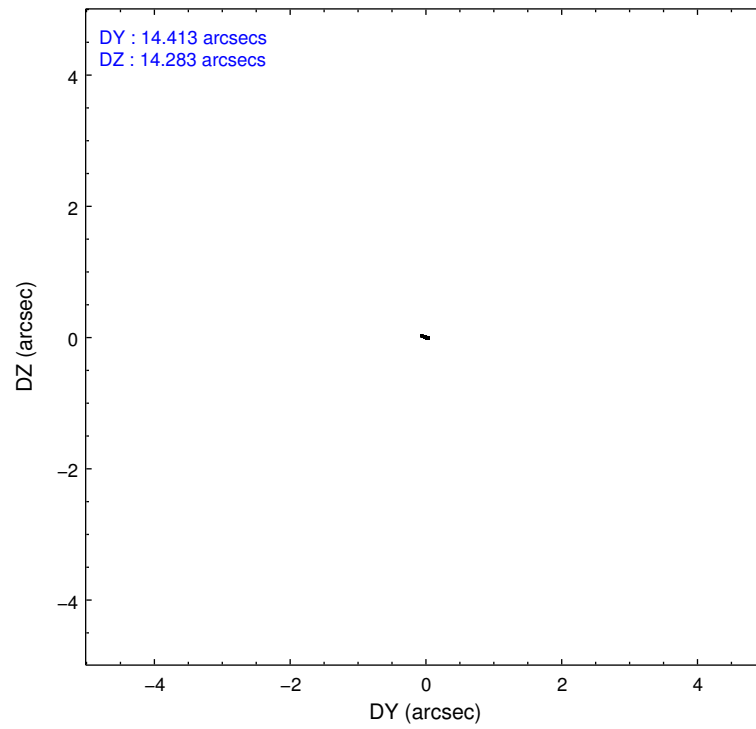
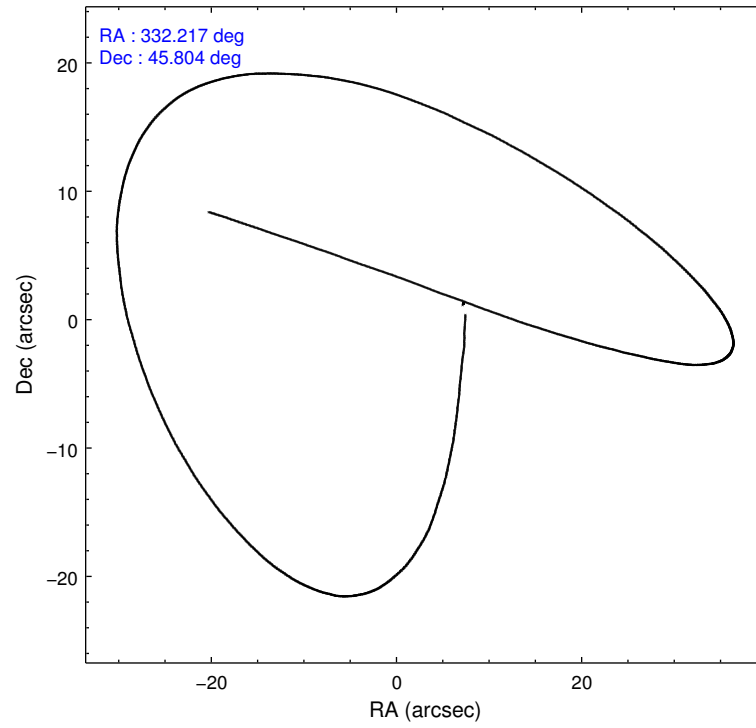
Level 1 Events

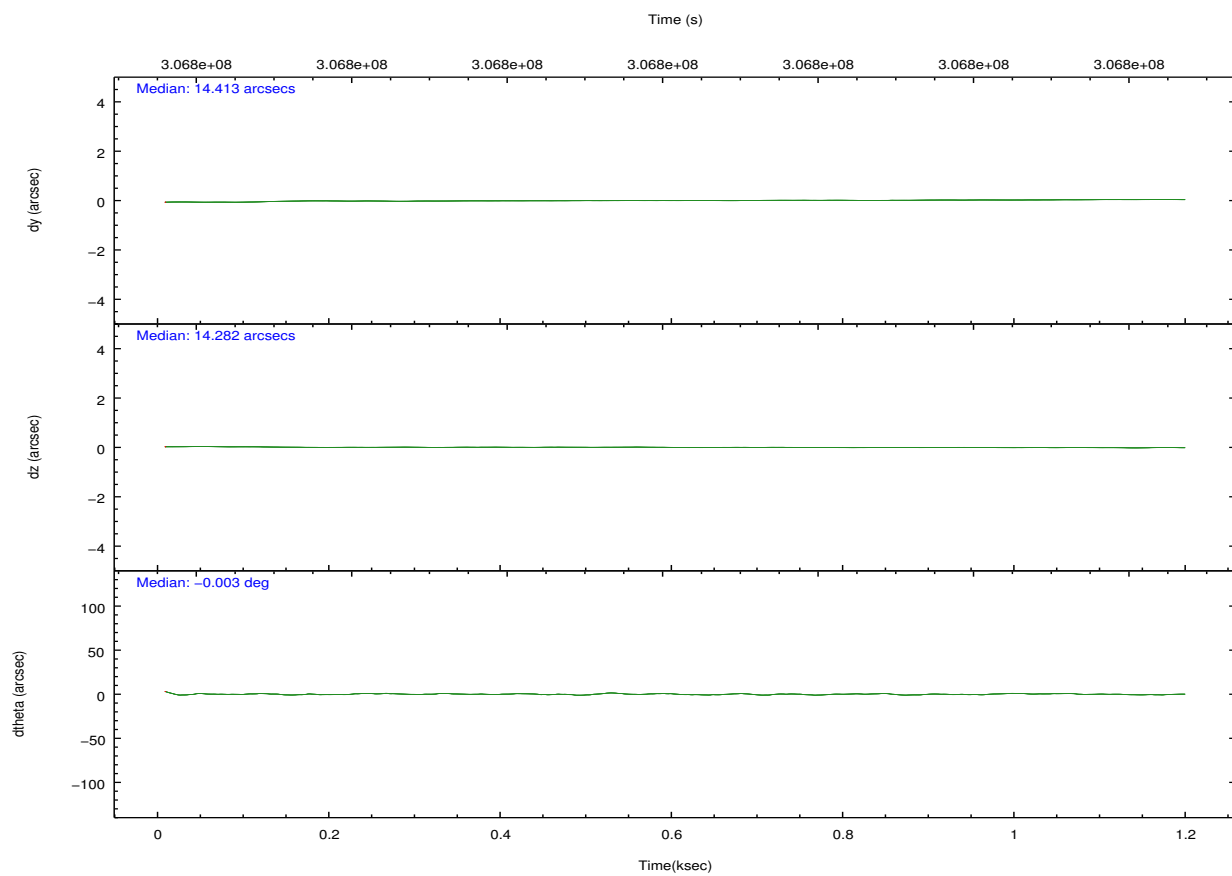
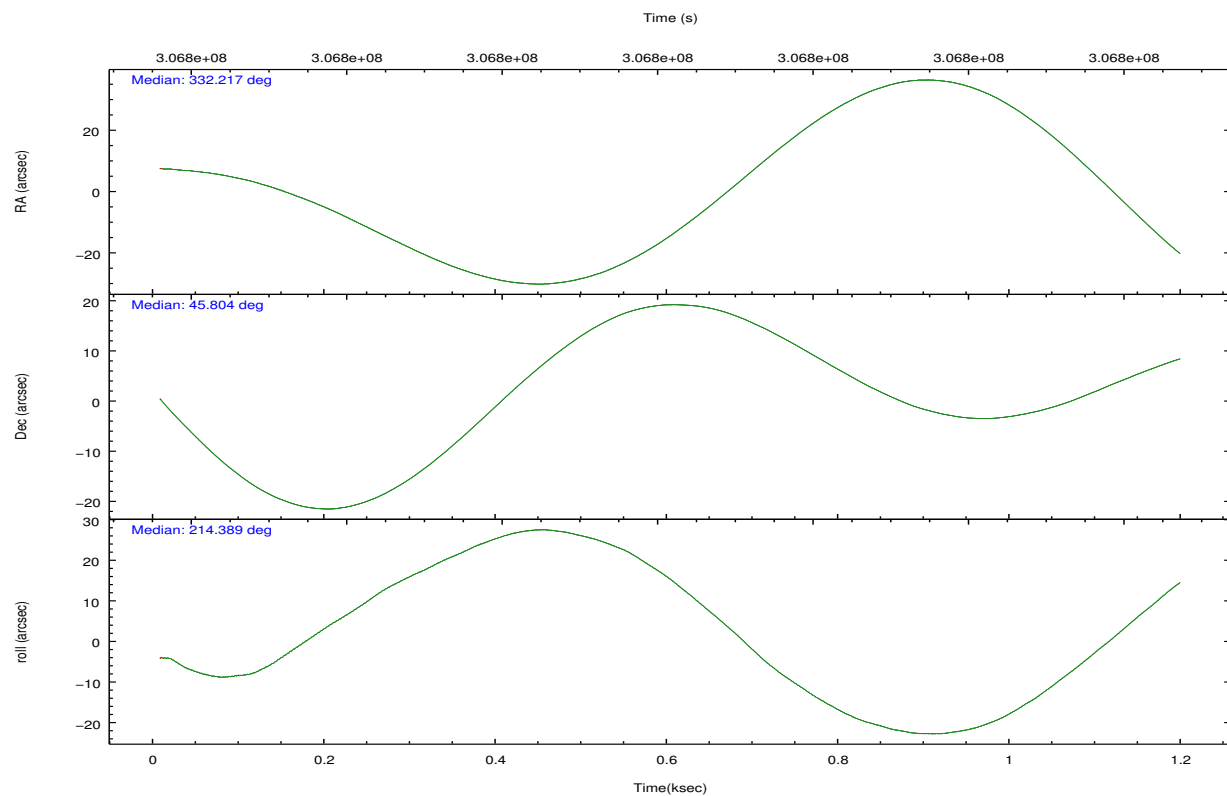
	segment 1	segment 2	segment 3
level 1 events	1677	200013	1449
rejected events	1677	46171	1365
rejected %	100%	23%	94%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	332.232195	332.2170923141135			
[deg] Pointing Dec	45.831266	45.8038724881777			
[deg] Pointing Roll	214.314224	214.3924482367457			
[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)	306802823.184000	306802447.7814			
Observation start date	2007-09-21T22:59:18	2007-09-21T22:54:07			
[s] Observation end time (MET)	306803823.184000	306803957.60647			
Observation end date	2007-09-21T23:15:58	2007-09-21T23:19:17			

2.3 Aspect



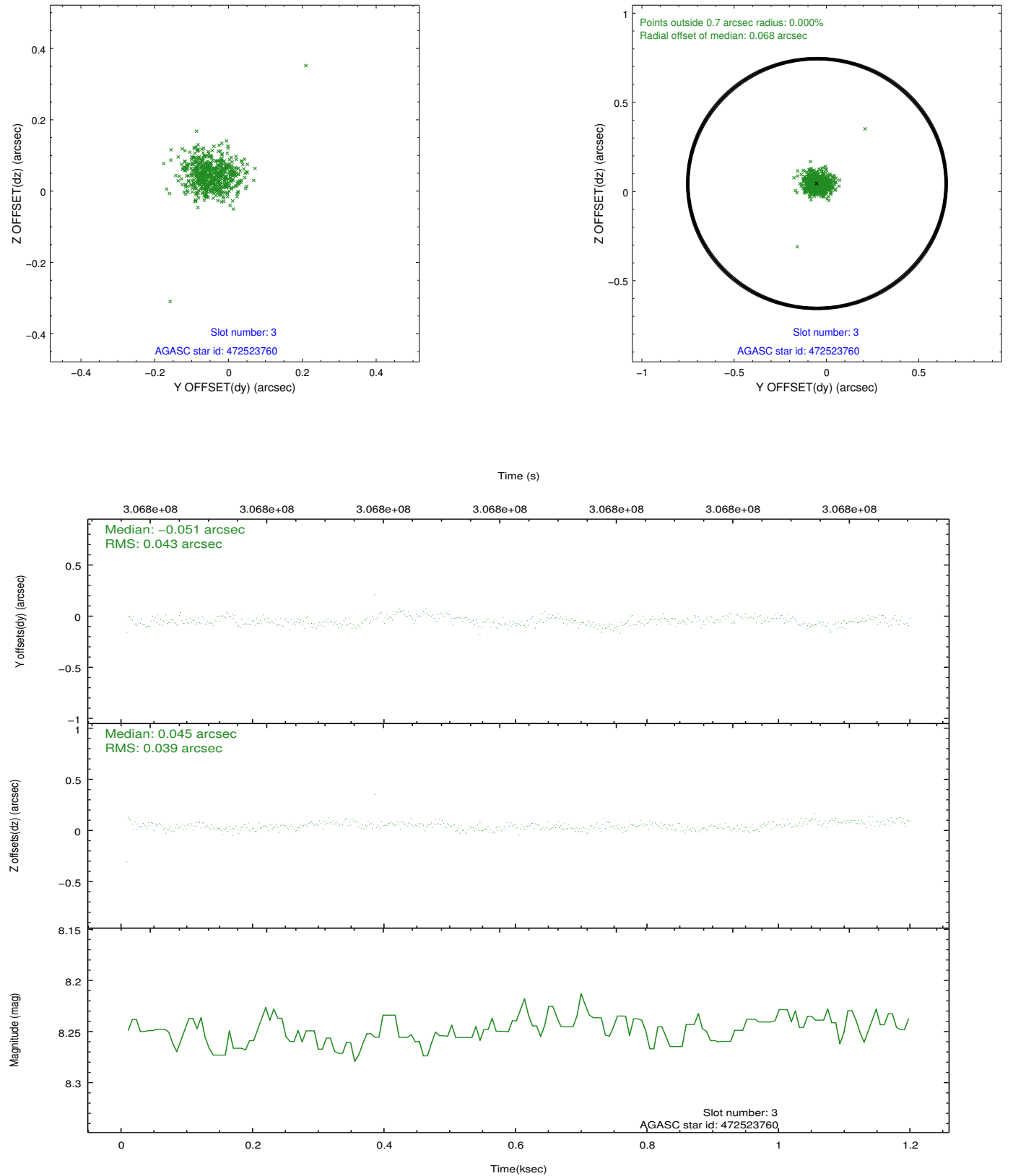


Slot Statistics

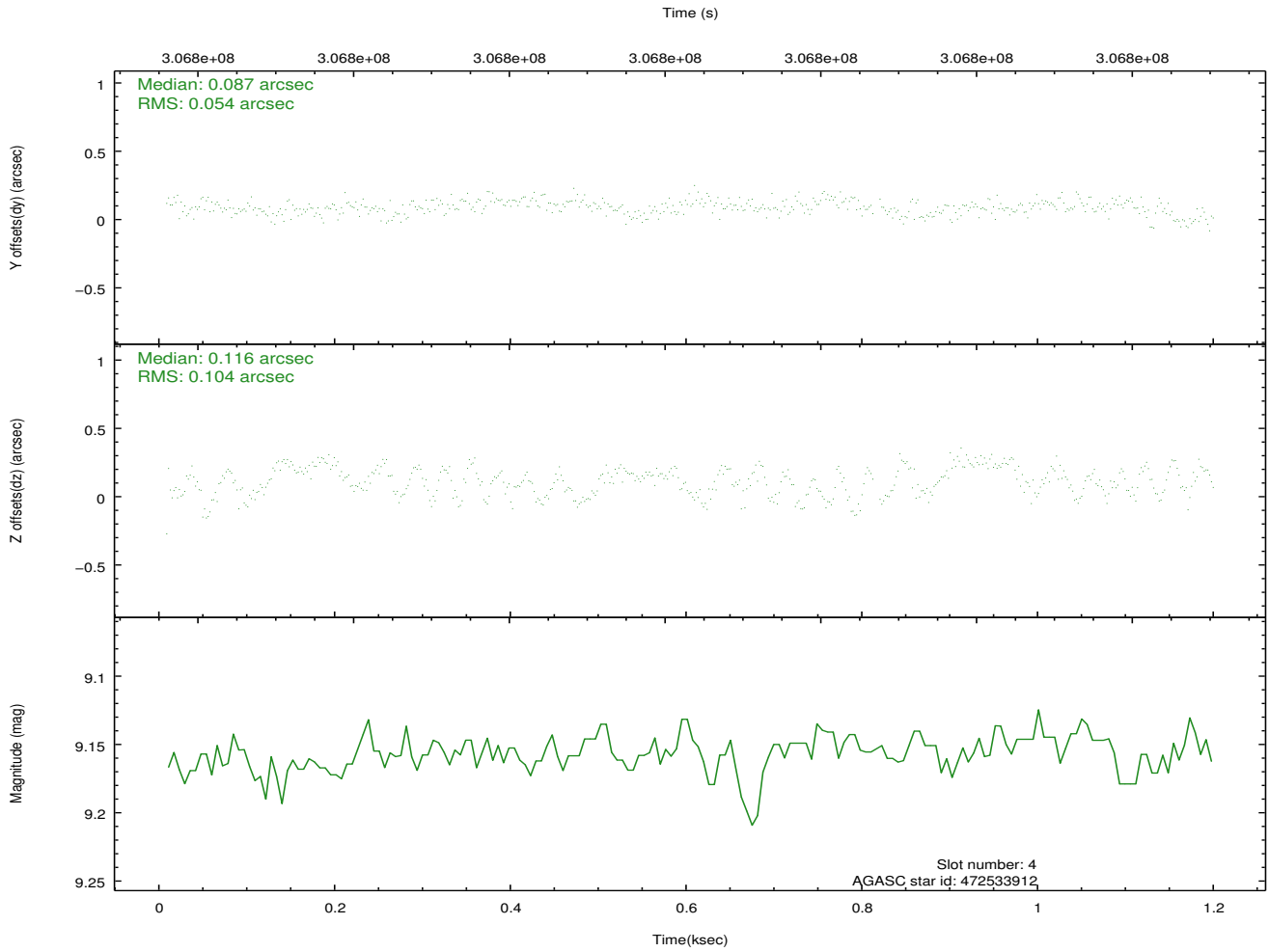
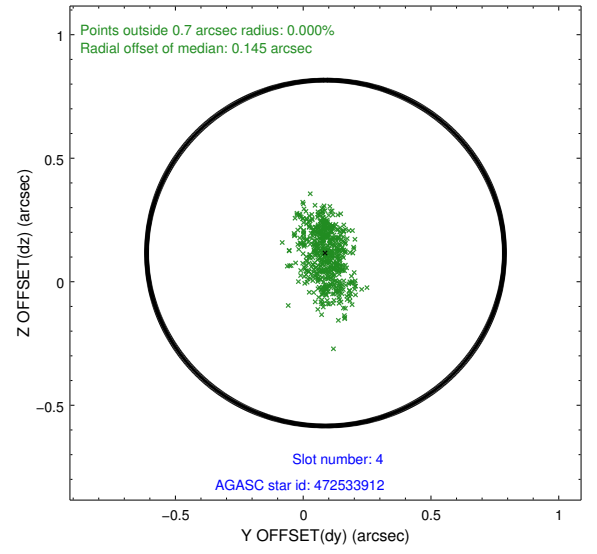
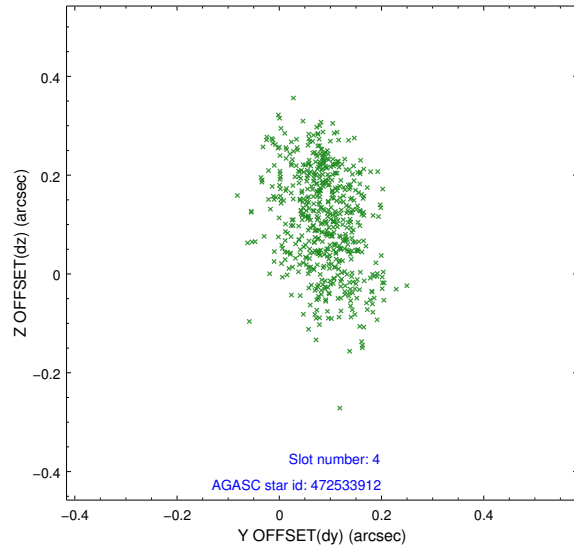
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.08	291	0.099	-0.229	0.007	0.010	0.000000	0.000000	-1168.78	-463.17
1	FID	HRC-S-2	7.05	291	0.176	-0.107	0.004	0.008	0.000000	0.000000	1226.94	-457.30
2	FID	HRC-S-3	7.06	291	0.115	0.034	0.006	0.011	0.000000	0.000000	-1167.25	565.04
3	GUIDE	472523760	8.25	582	-0.051	0.045	0.058	0.095	331.645363	45.403260	2090.89	428.56
4	GUIDE	472533912	9.16	579	0.087	0.116	0.124	0.201	331.791136	46.368695	-183.53	-2220.90
5	GUIDE	472655152	9.42	582	0.016	-0.096	0.115	0.192	332.504239	45.862991	-628.46	281.72
6	GUIDE	472665256	9.01	582	0.095	0.171	0.081	0.127	332.808125	46.195041	-1927.35	-279.96
7	GUIDE	472651904	6.46	581	-0.152	-0.229	0.080	0.127	332.170077	45.742257	306.35	171.77

2.4 Star Slots

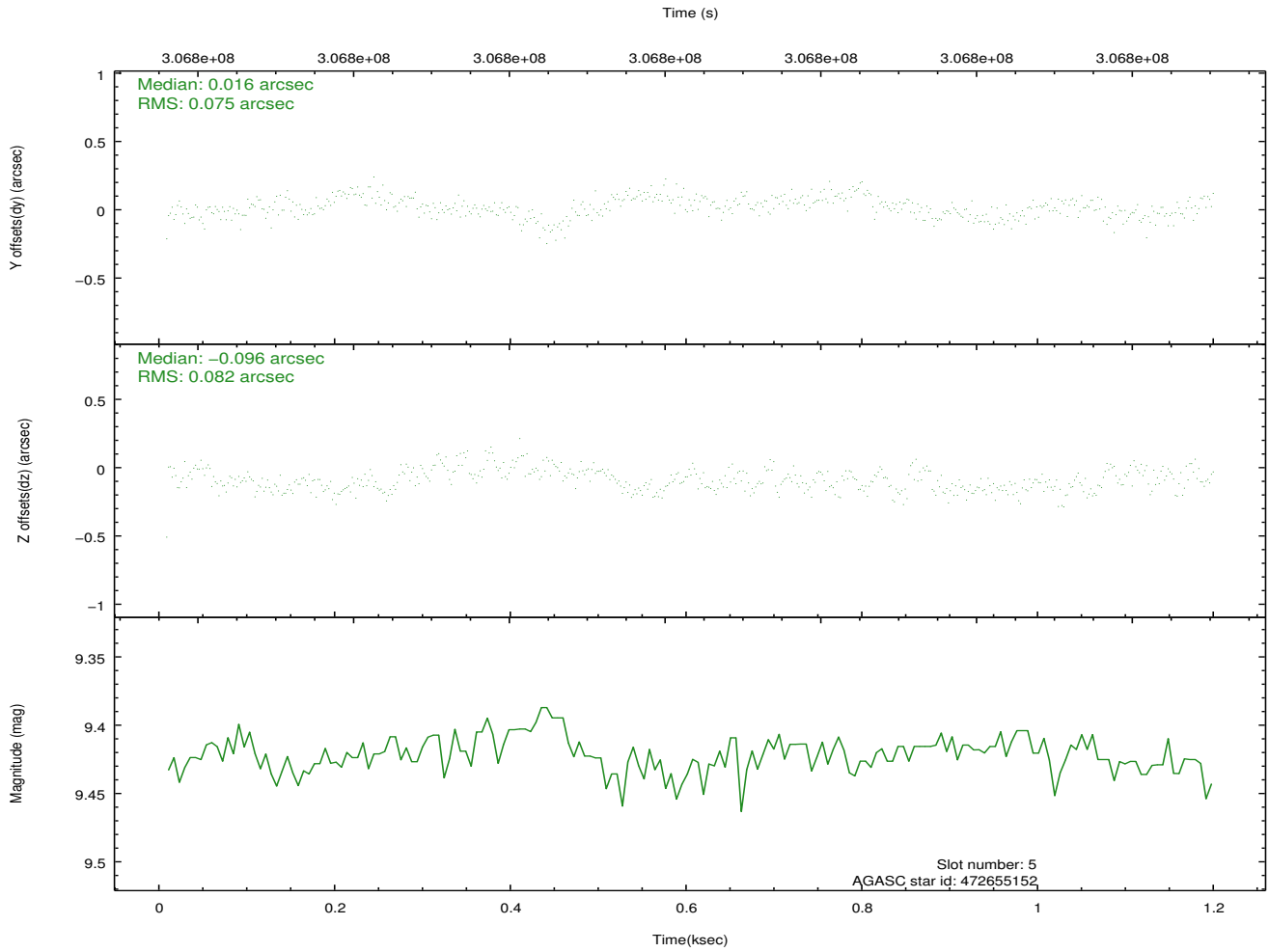
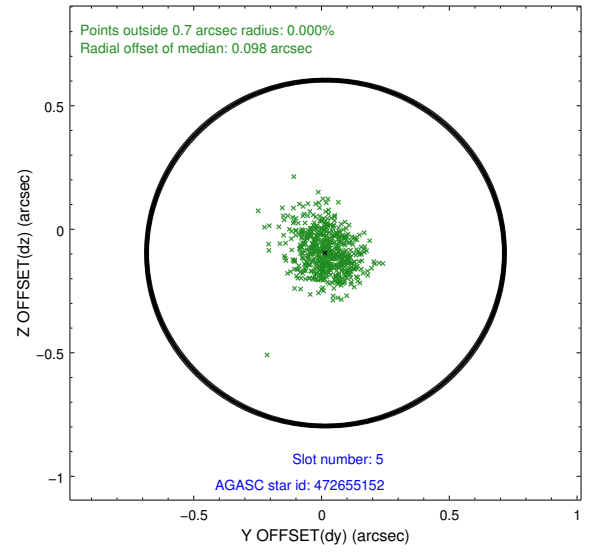
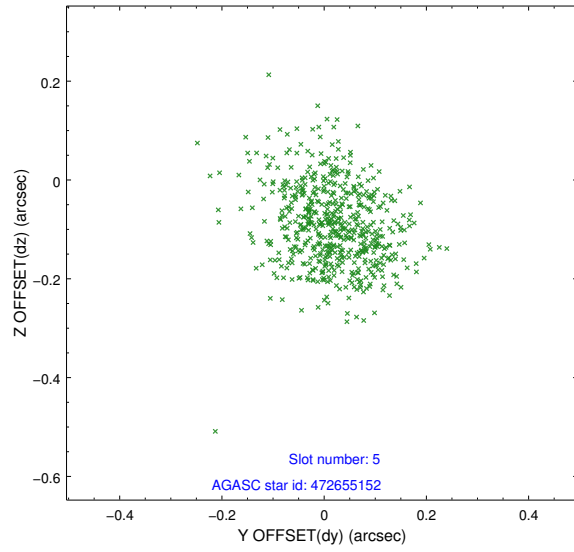
2.4.1 Slot 3



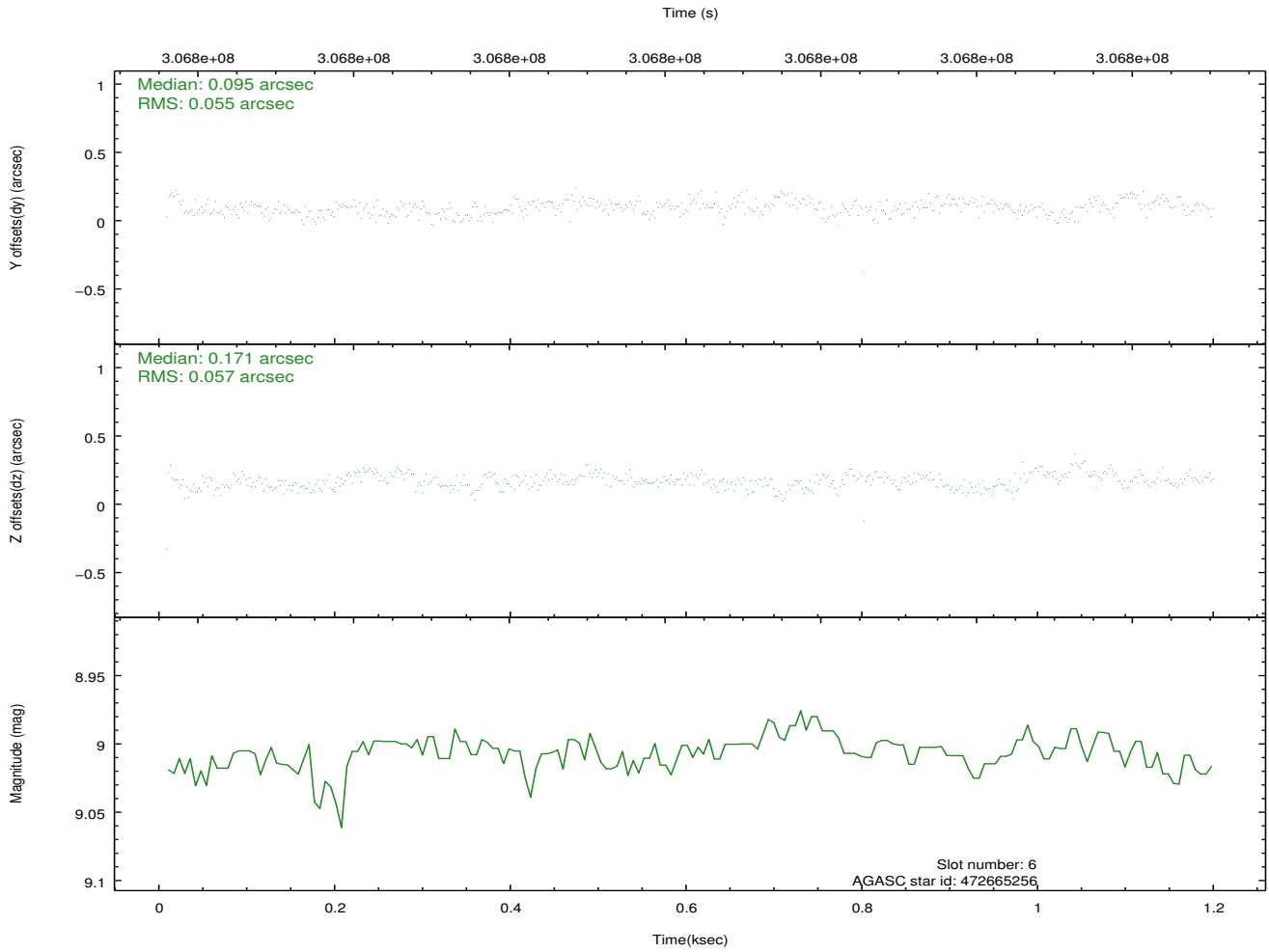
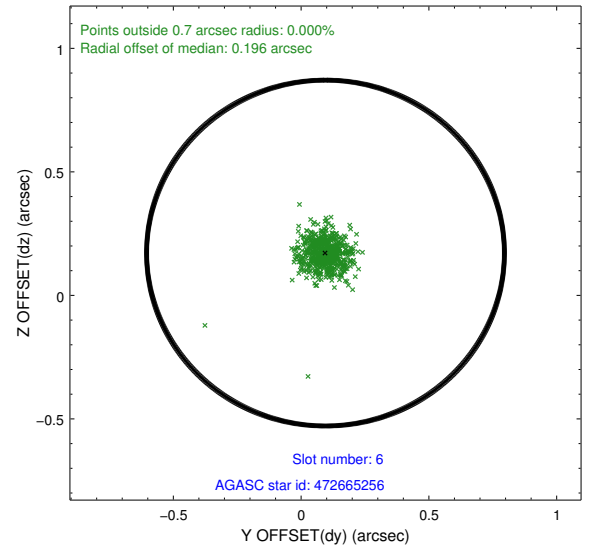
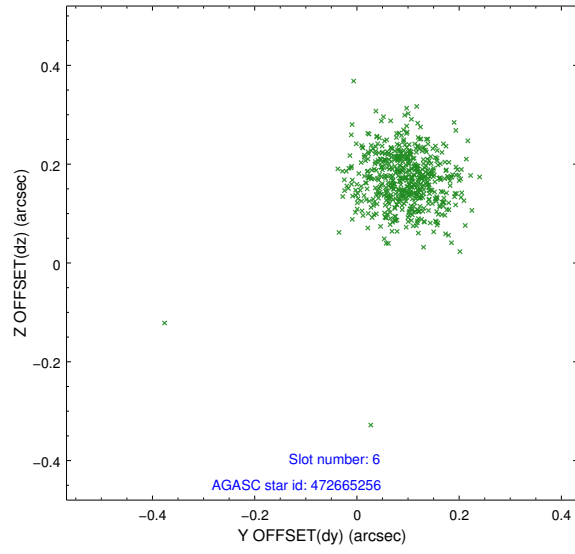
2.4.2 Slot 4



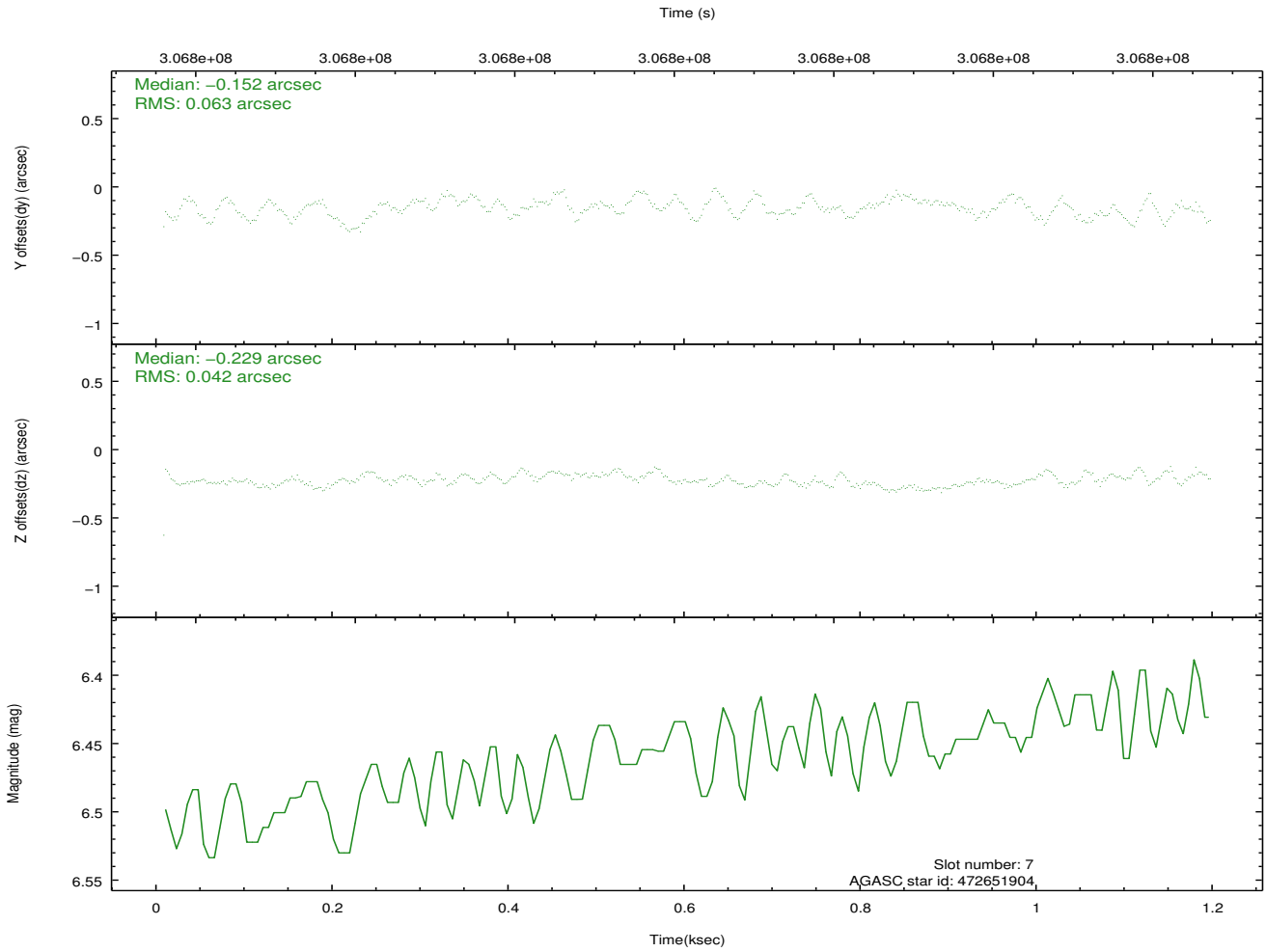
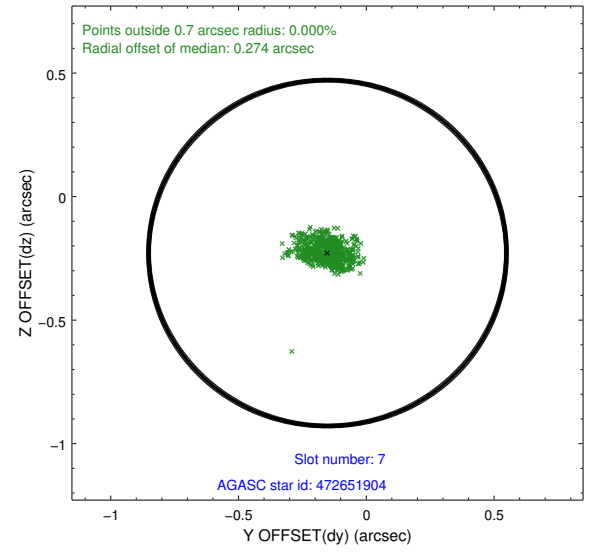
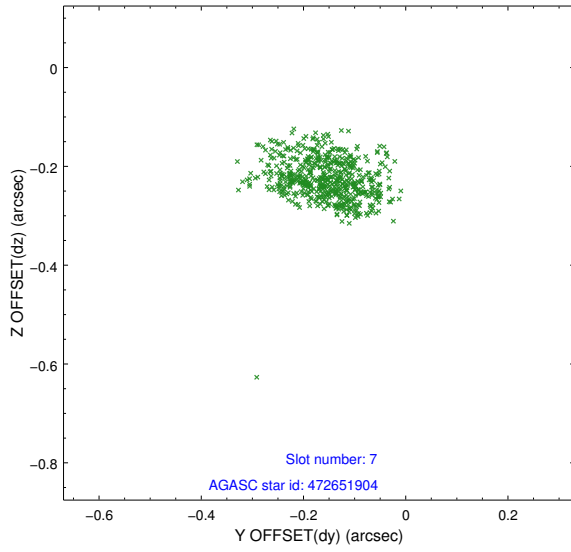
2.4.3 Slot 5



2.4.4 Slot 6

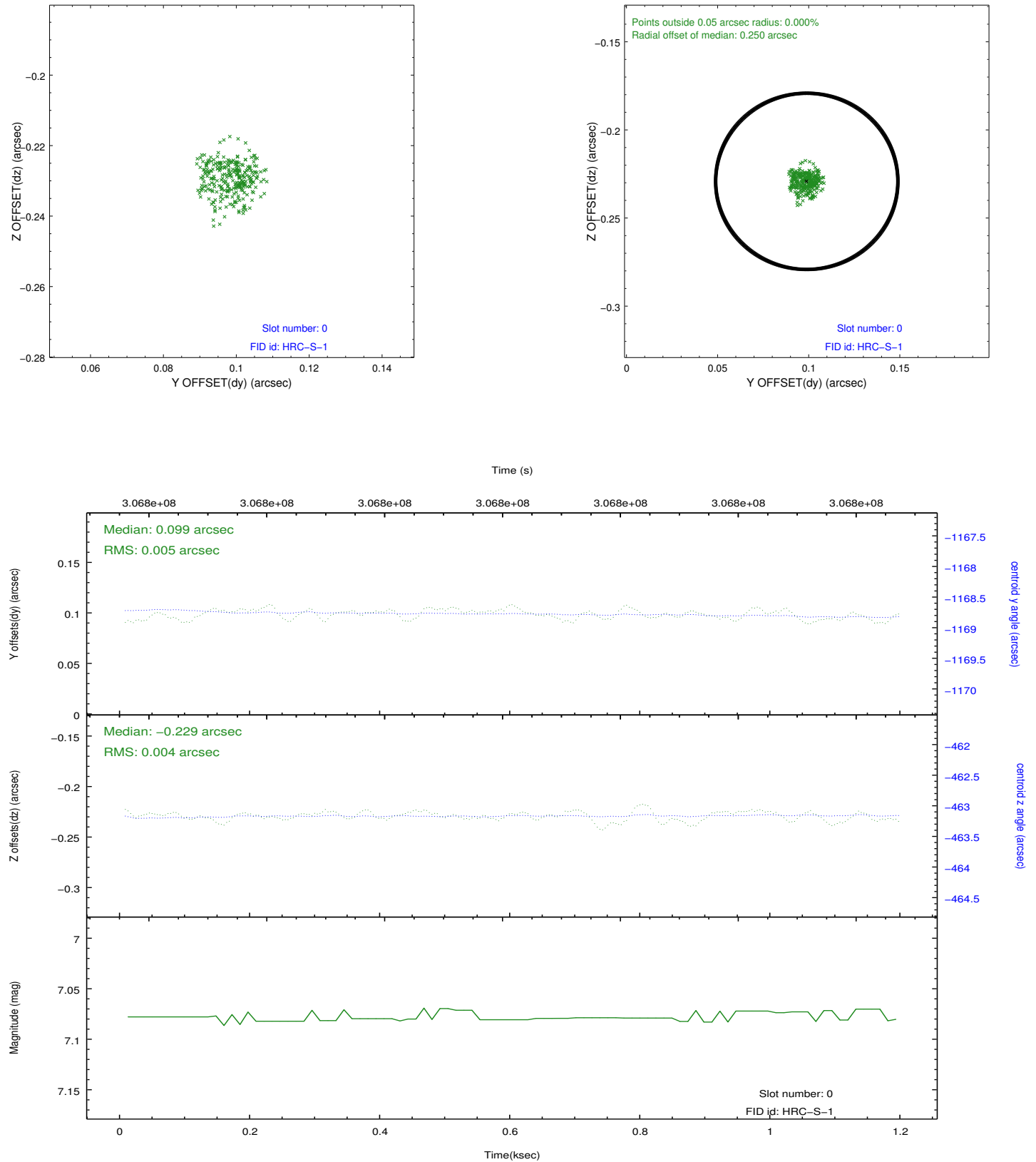


2.4.5 Slot 7

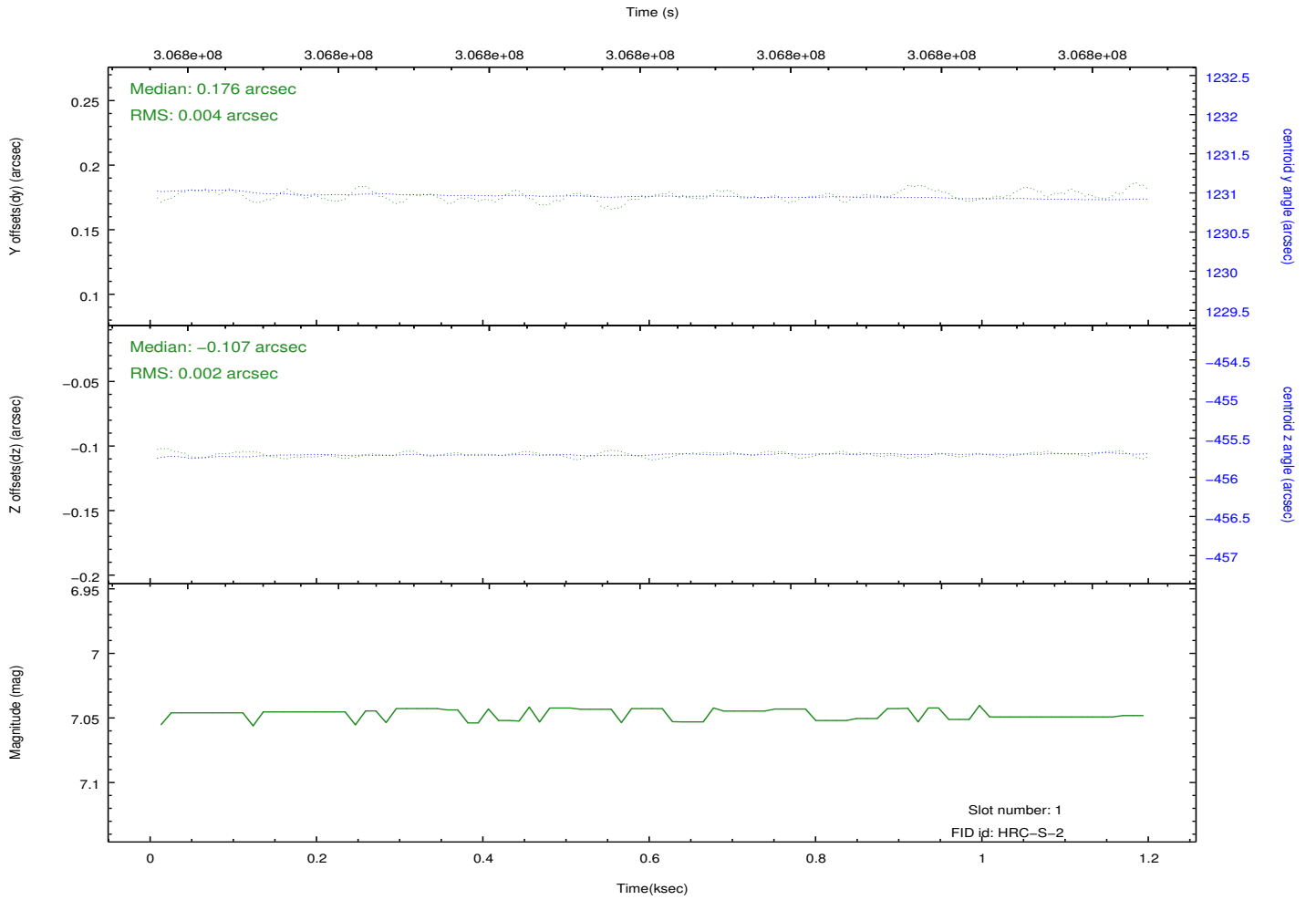
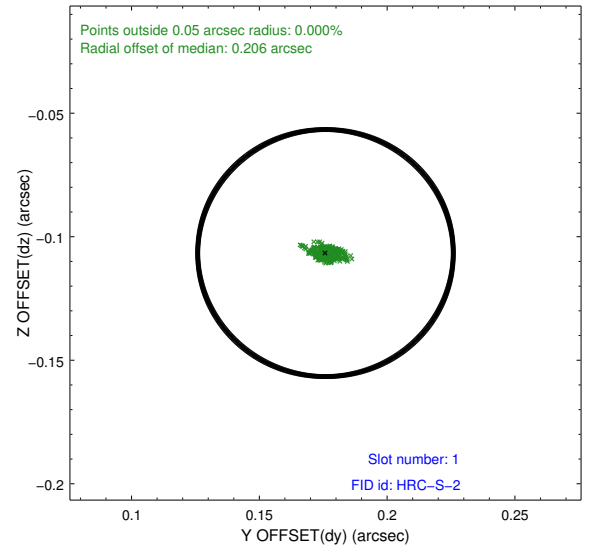
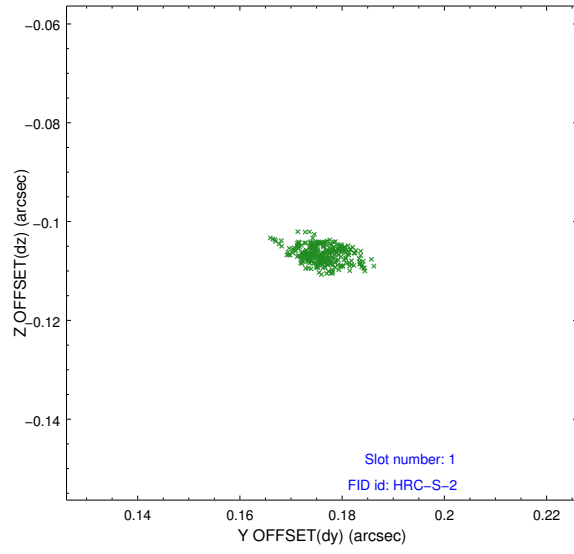


2.5 FID Slots

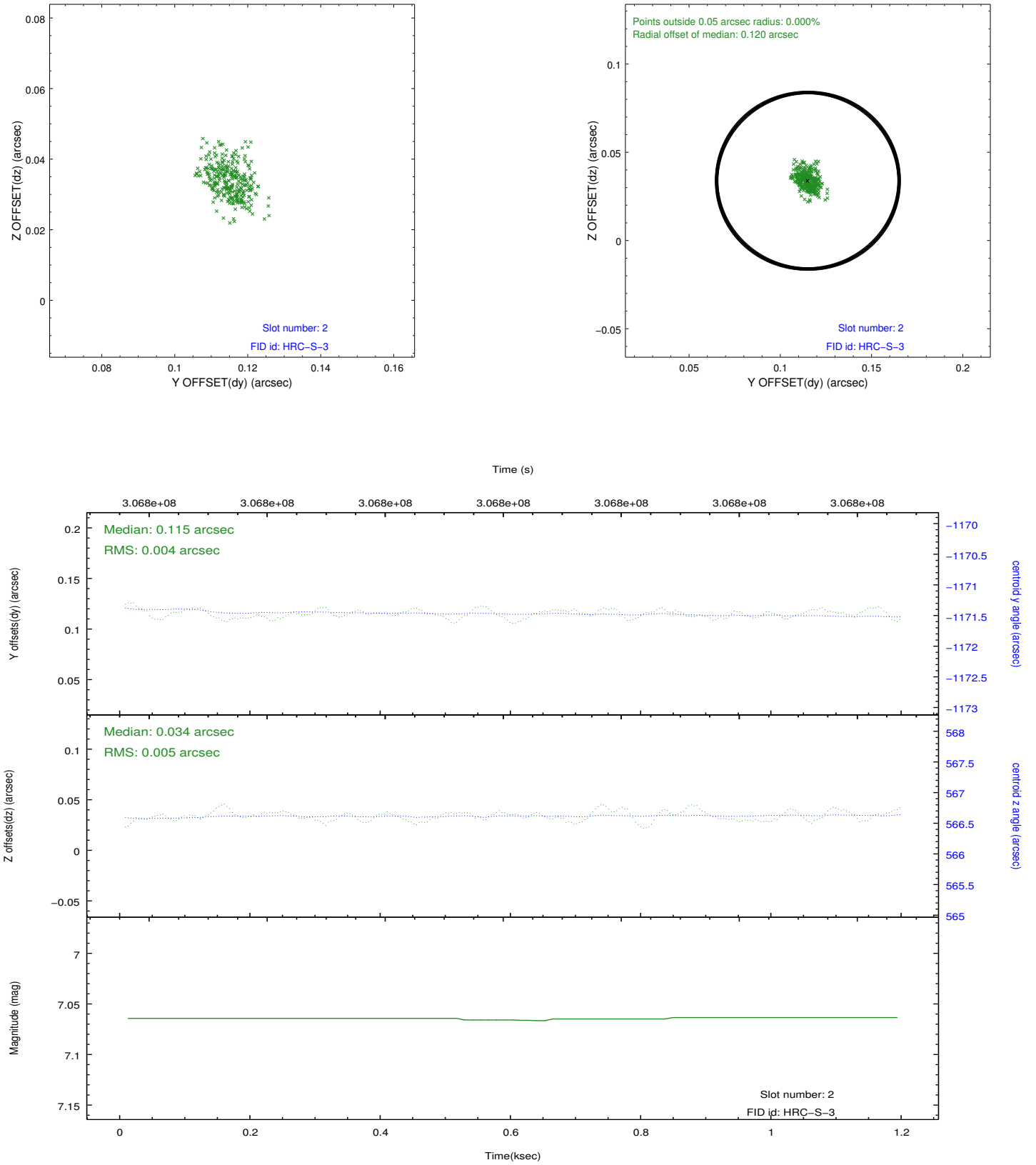
2.5.1 Slot 0



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)	2012.08.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1615813

A.2 Comments