

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8333 - L2 Version 3
Chandra X-Ray Center

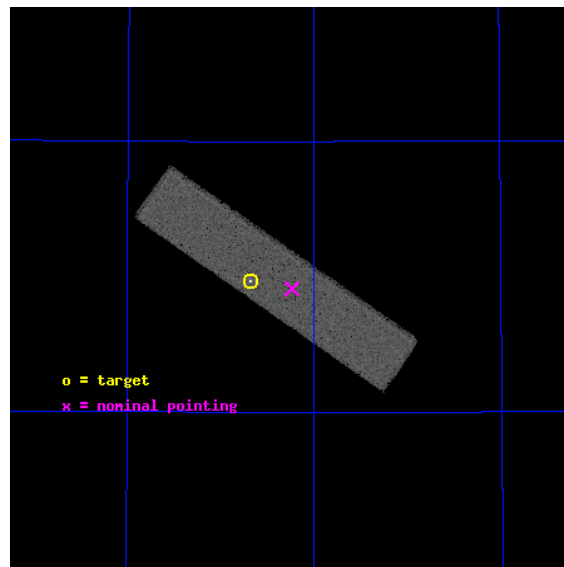
L2 Processing Date : Aug 12 2012

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1 Front

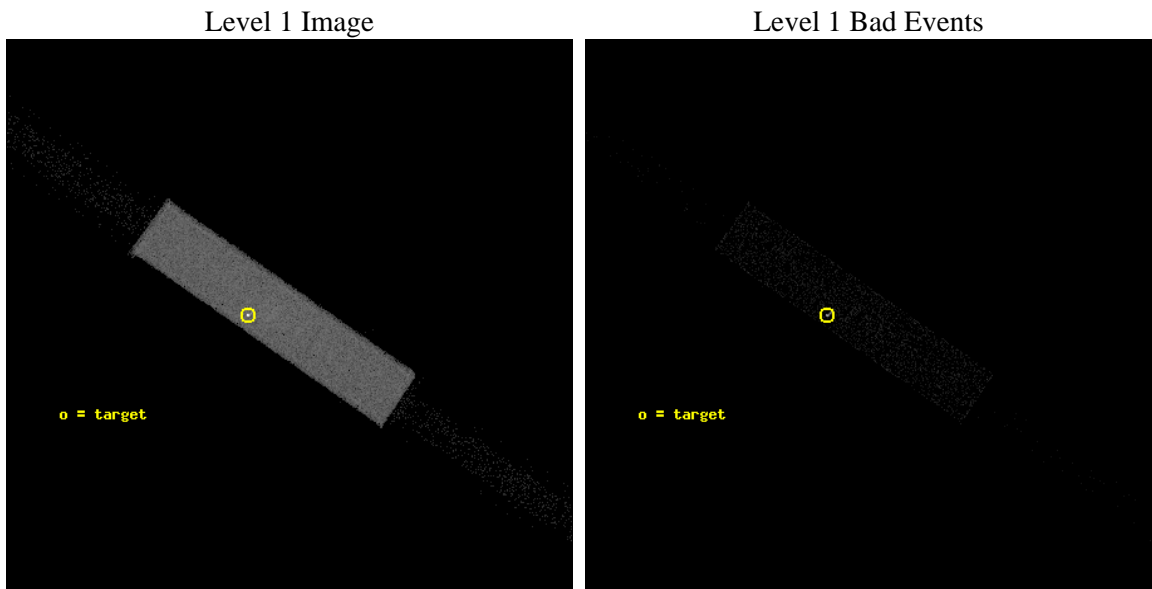
seq_num	290712	Sequence number
obs_id	8333	Observation id
title	AO8 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.05920946508	Nominal RA [deg]
dec_nom	45.728225129956	Nominal Dec [deg]
roll_nom	214.63134064347	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1155.1750556827	[s]
livetime	1145.1861621525	Ontime multiplied by DTCOR
l2events	72018	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	1155.1750556827	[s]
caldbver	4.5.1.1	 	l1events	116740	Number of level 1 events
date	2012-08-12T04:29:24	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

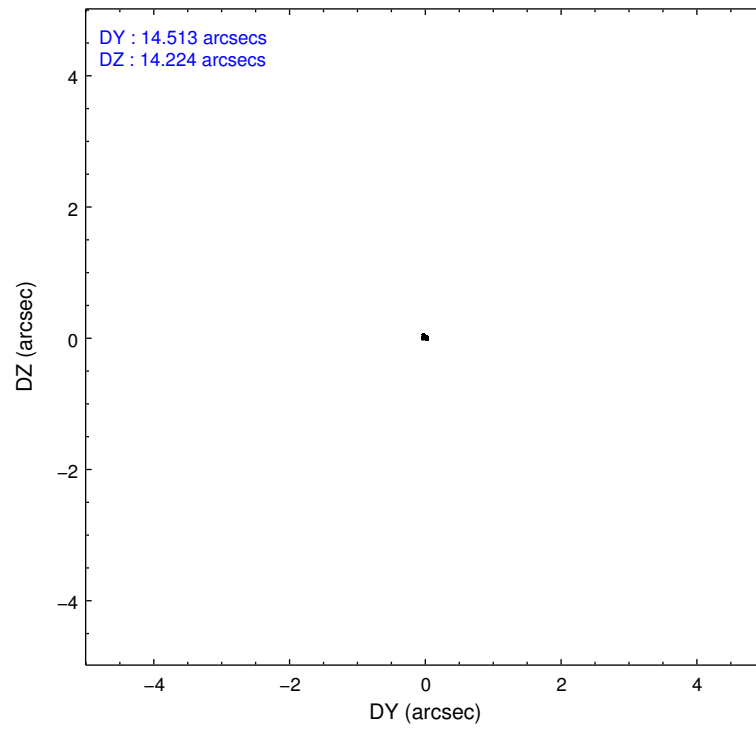
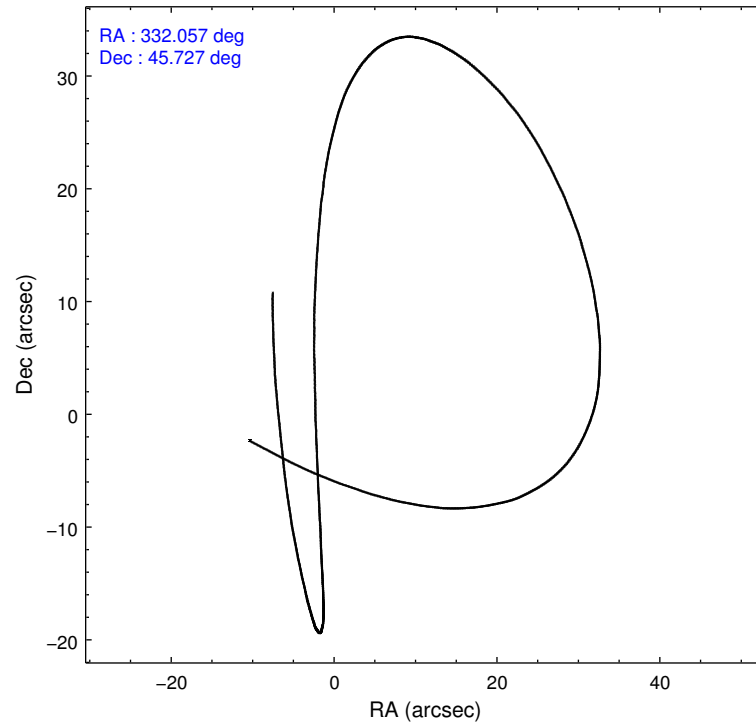
	segment 1	segment 2	segment 3
level 1 events	937	114917	886
rejected events	937	28751	886
rejected %	100%	25%	100%

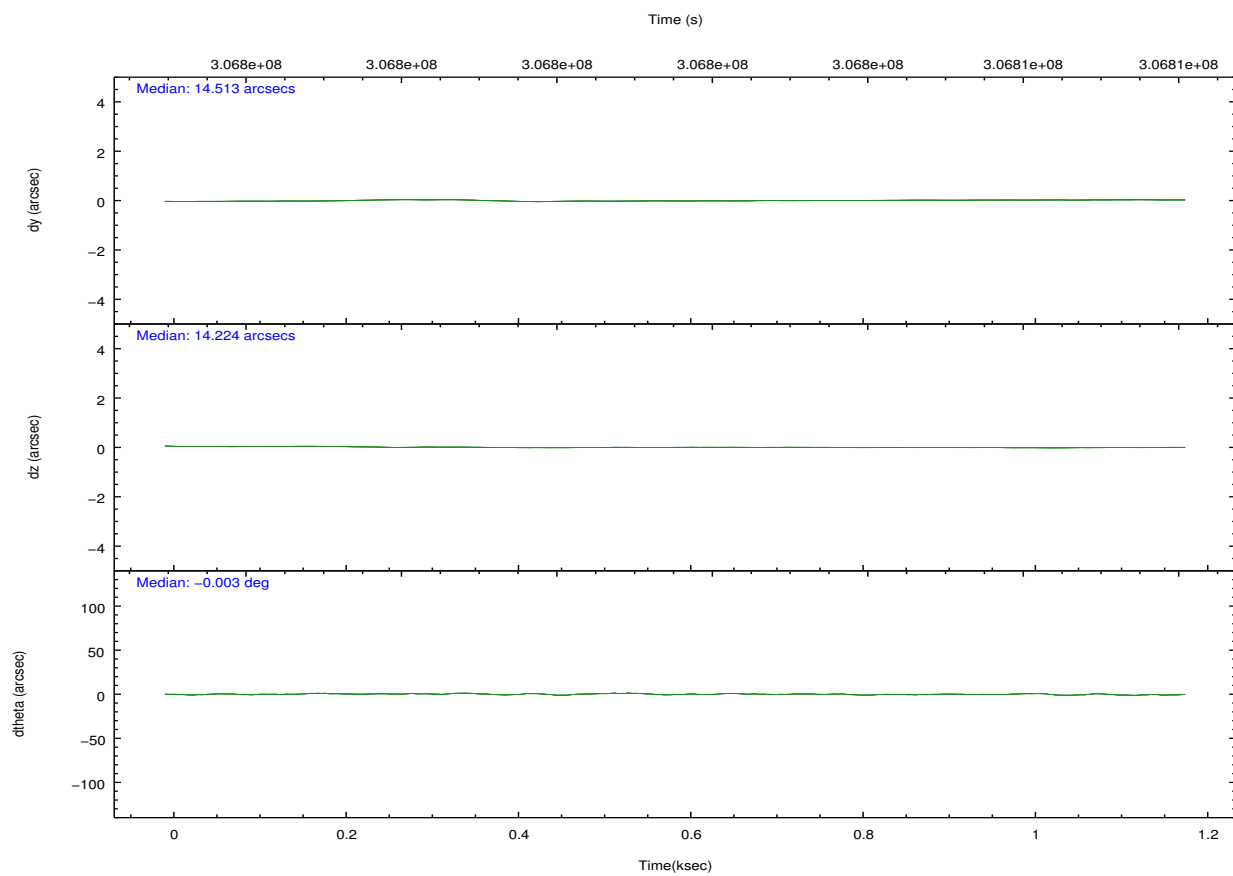
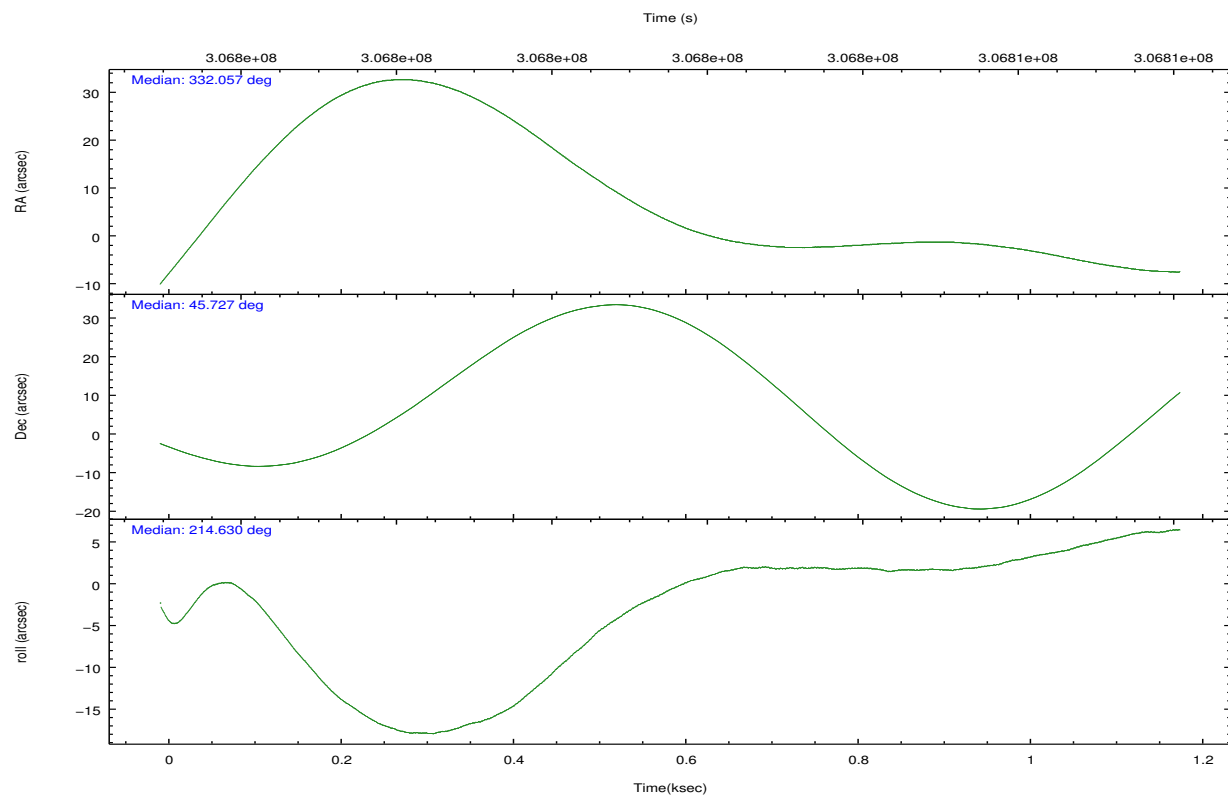
2.2 Compared Parameters

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	332.074318	332.0592094650797
[deg] Pointing Dec	45.755863	45.72822512995629
[deg] Pointing Roll	214.553229	214.6313406434699
[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)	306804333.184000	306803957.60647
Observation start date	2007-09-21T23:24:28	2007-09-21T23:19:17
[s] Observation end time (MET)	306805333.184000	306805467.43154
Observation end date	2007-09-21T23:41:08	2007-09-21T23:44:27

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

2.3 Aspect



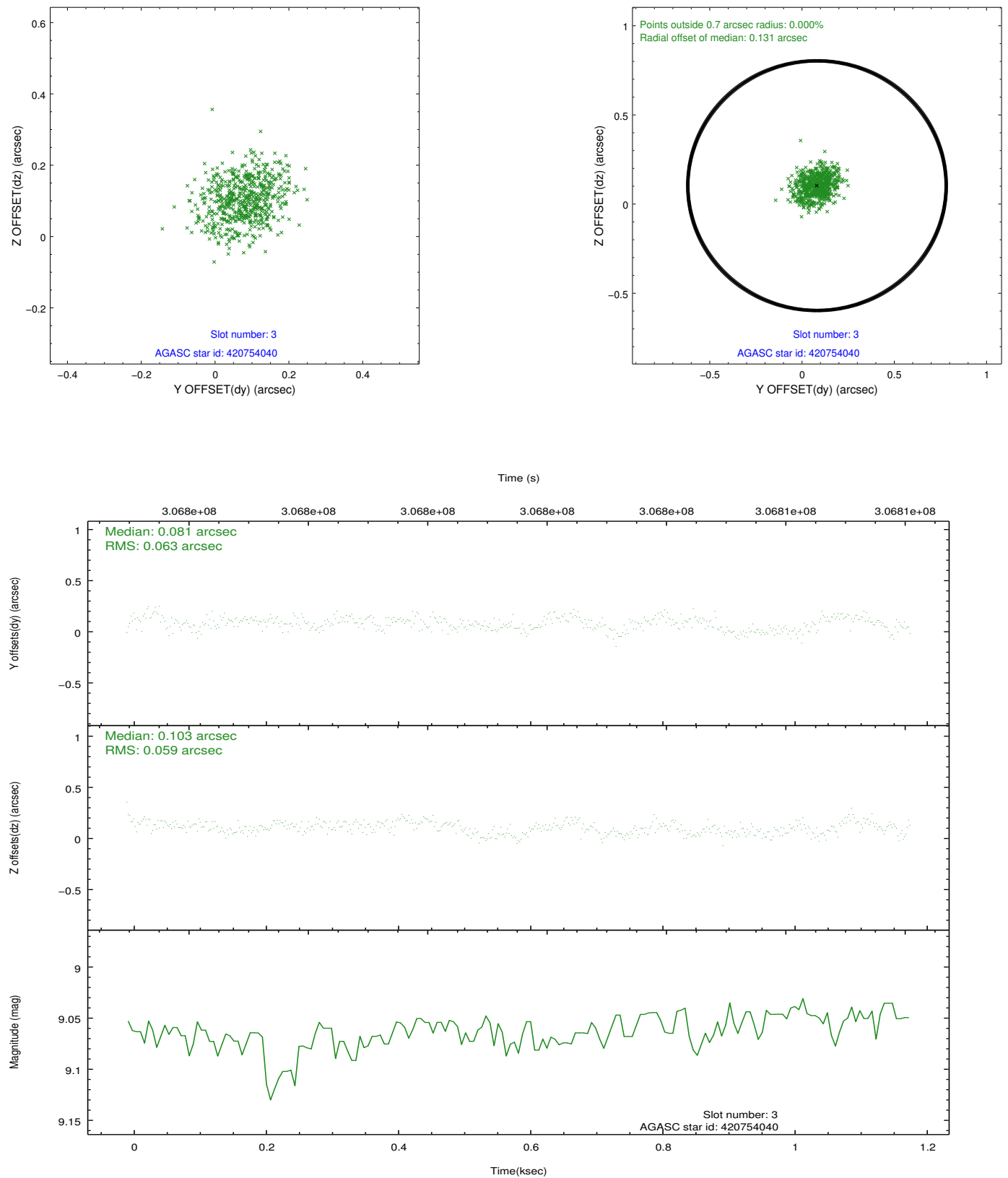


Slot Statistics

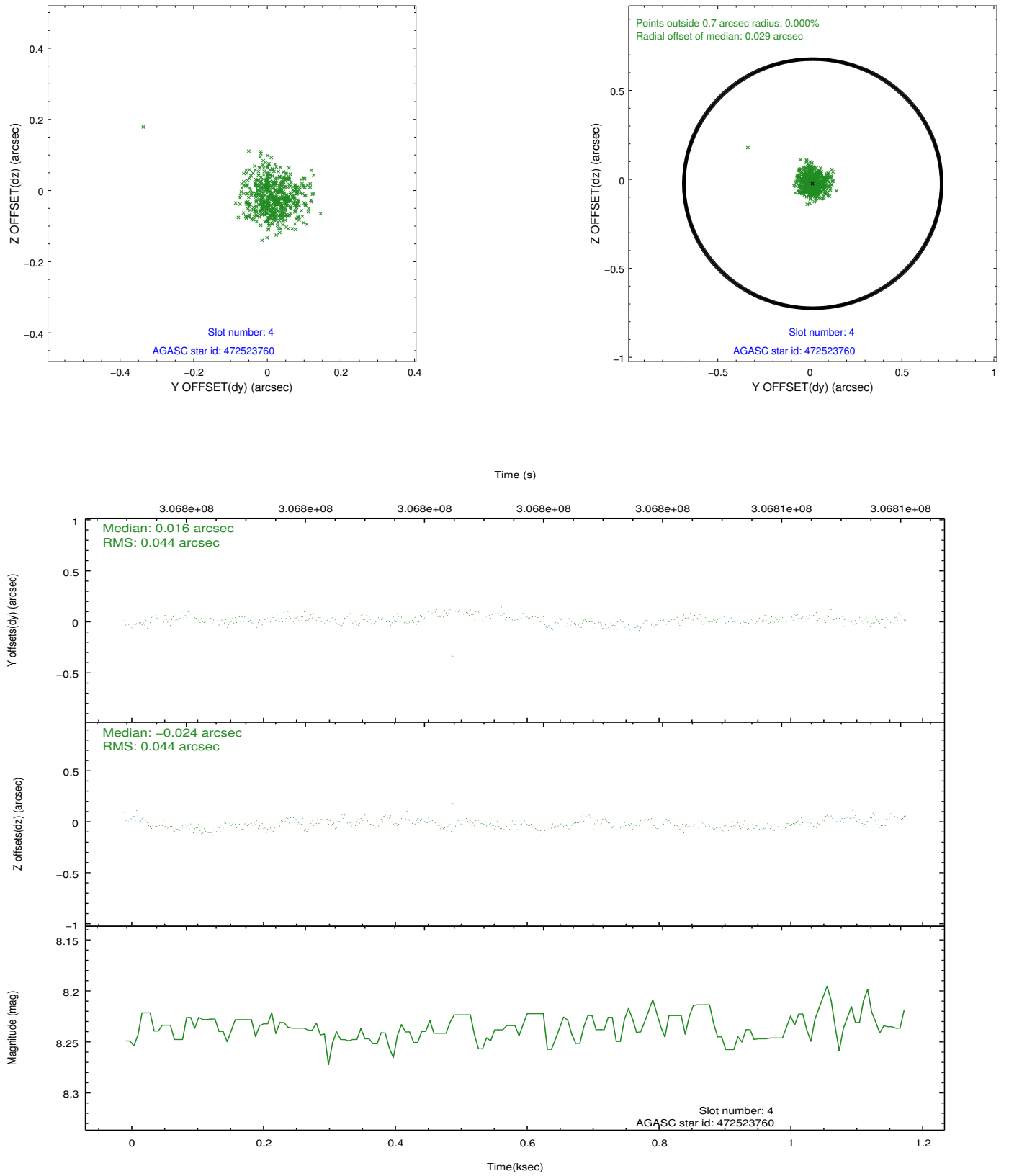
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.07	289	0.096	-0.228	0.006	0.010	0.000000	0.000000	-1168.88	-463.11
1	FID	HRC-S-2	7.05	289	0.177	-0.106	0.005	0.009	0.000000	0.000000	1226.81	-457.25
2	FID	HRC-S-3	7.06	289	0.117	0.031	0.006	0.010	0.000000	0.000000	-1167.33	565.08
3	GUIDE	420754040	9.06	579	0.081	0.103	0.095	0.145	331.917939	44.882543	2110.05	2359.31
4	GUIDE	472523760	8.24	579	0.016	-0.024	0.065	0.103	331.645363	45.403260	1614.40	428.23
5	GUIDE	472533912	9.15	579	0.024	0.137	0.118	0.193	331.791136	46.368695	-670.39	-2220.19
6	GUIDE	472651904	6.36	579	-0.103	-0.210	0.079	0.125	332.170077	45.742257	-172.22	168.08
7	GUIDE	472655152	9.41	577	-0.007	0.001	0.126	0.205	332.504239	45.862991	-1108.98	287.57

2.4 Star Slots

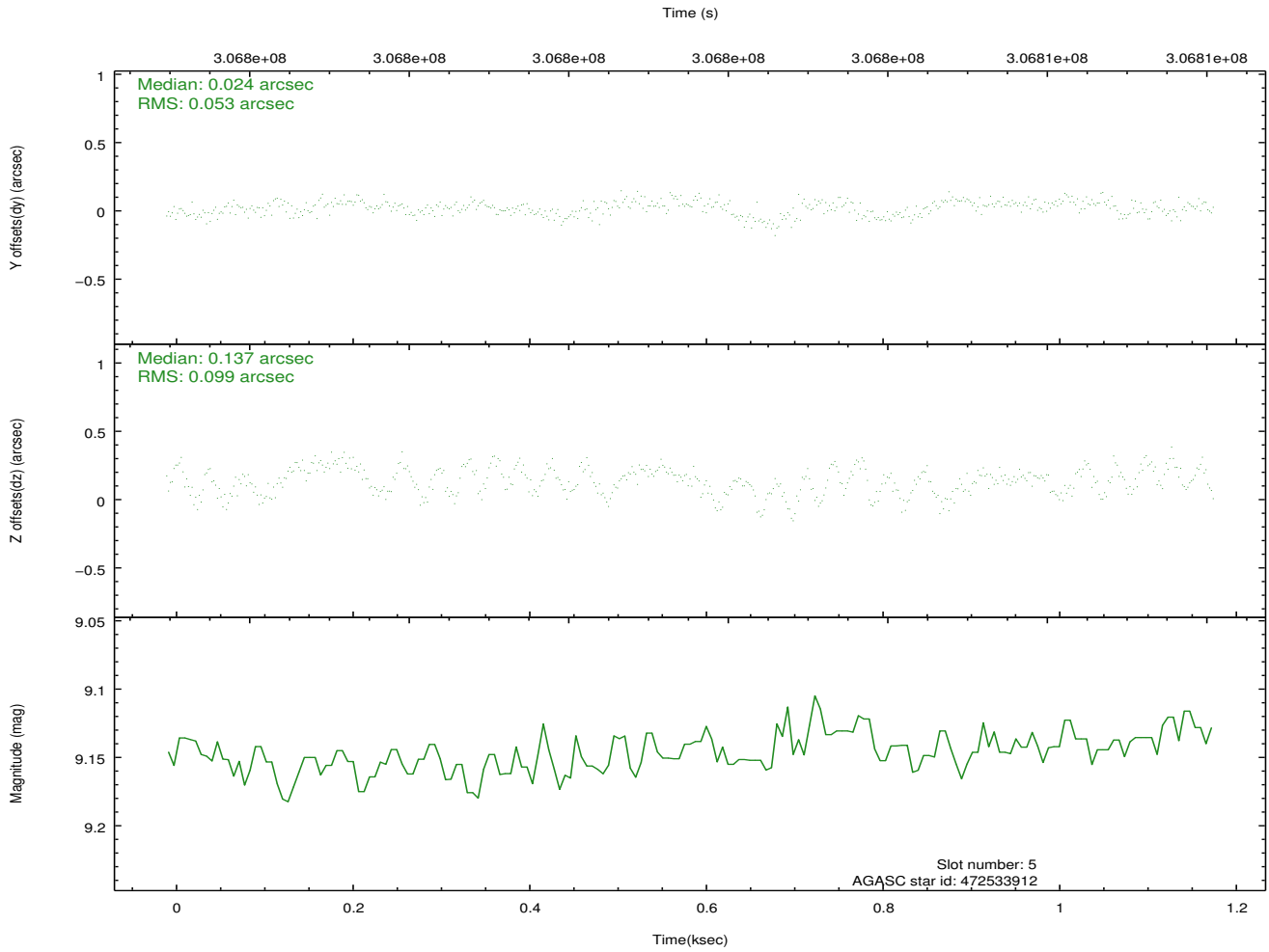
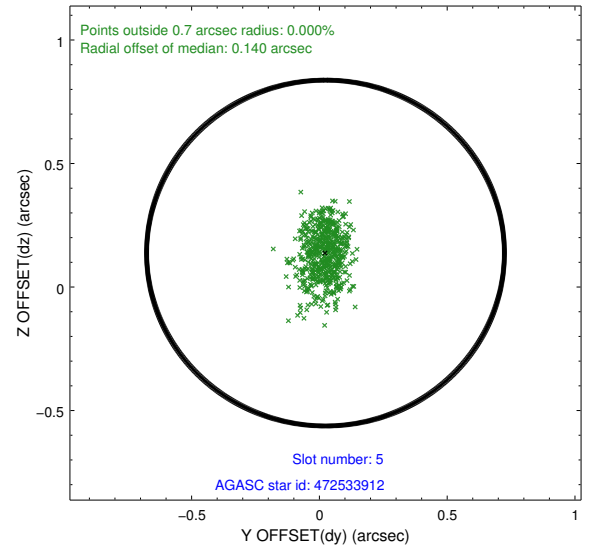
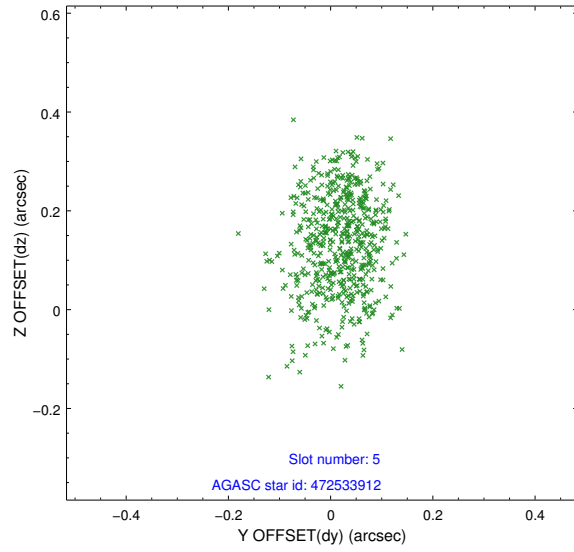
2.4.1 Slot 3



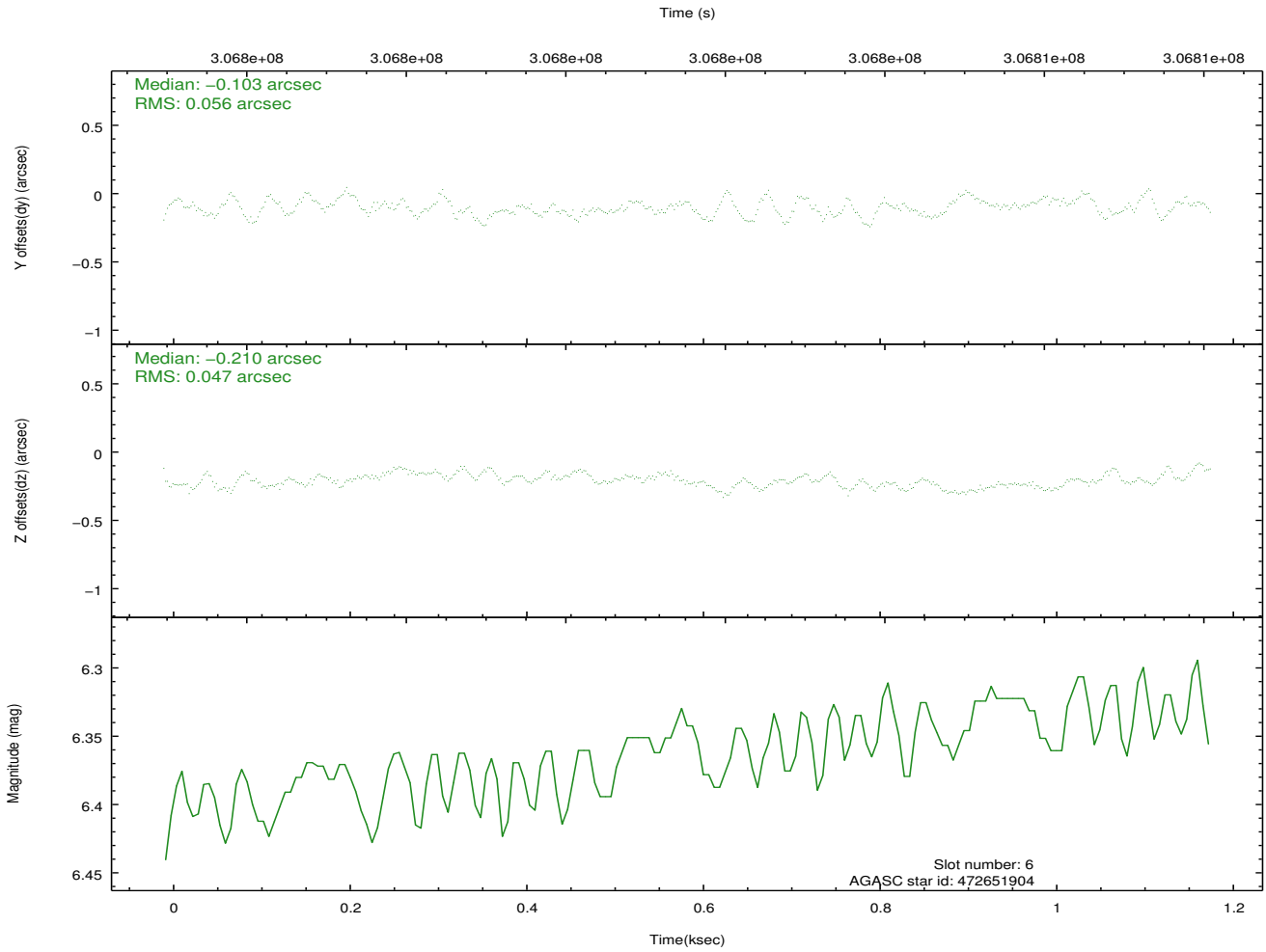
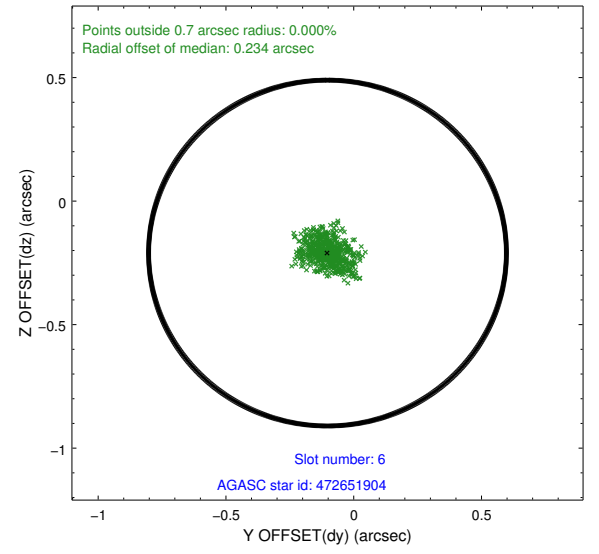
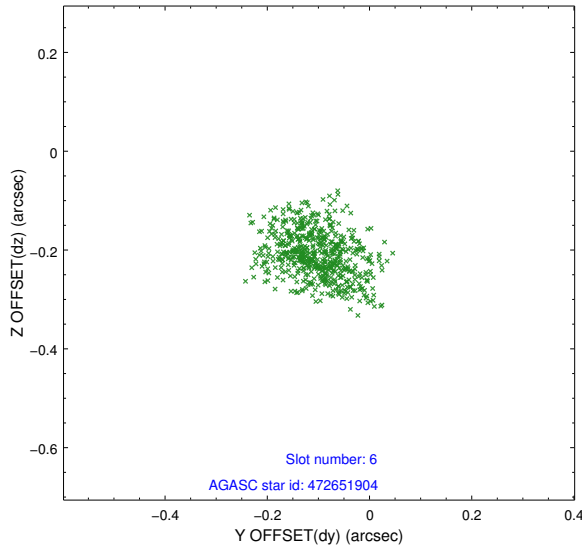
2.4.2 Slot 4



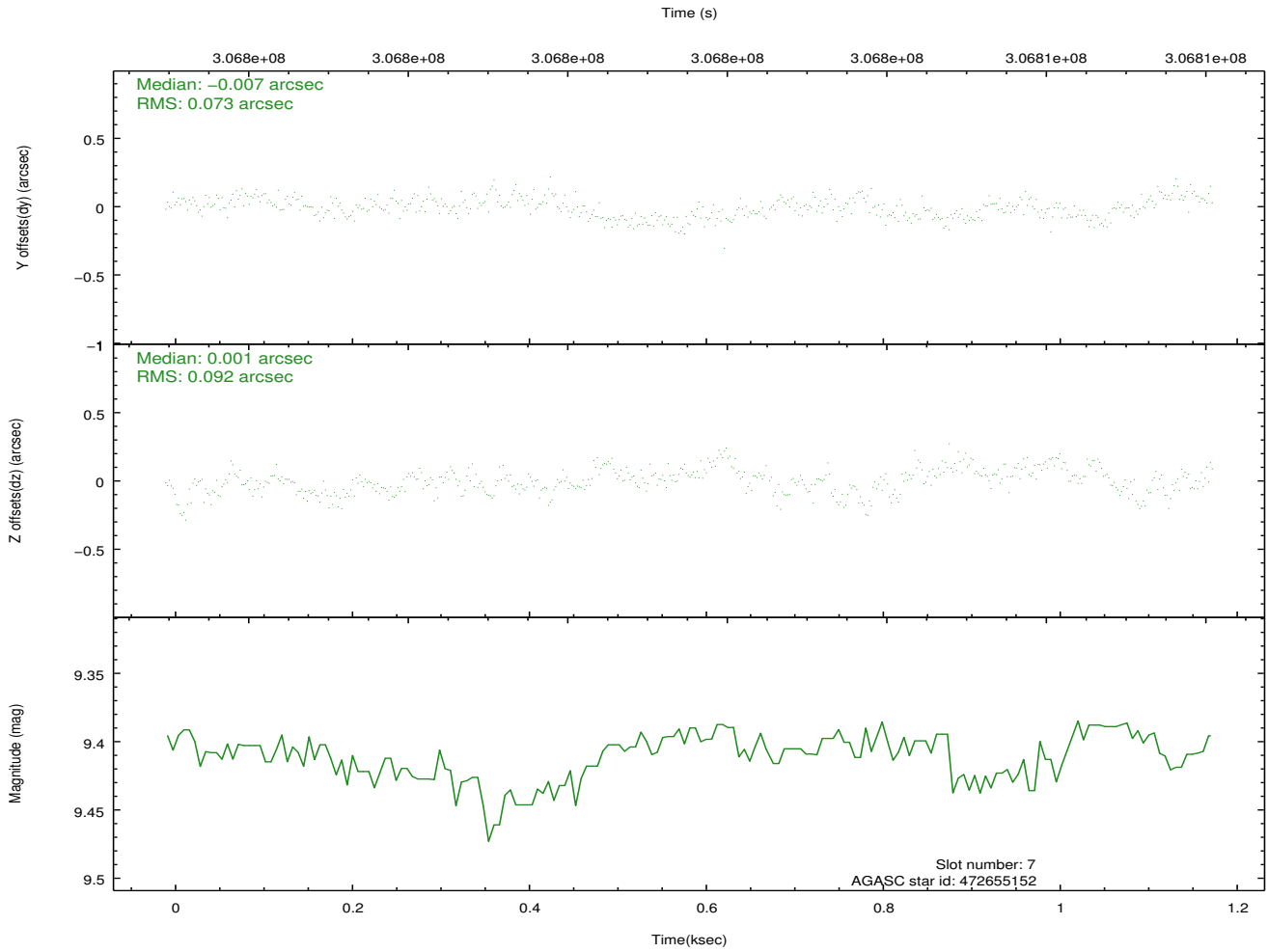
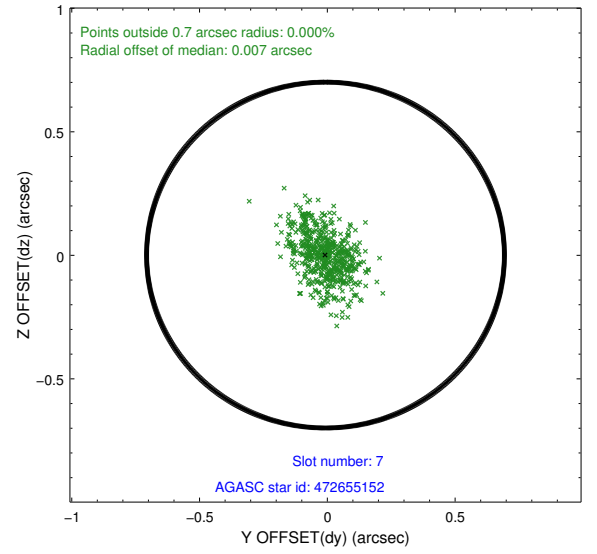
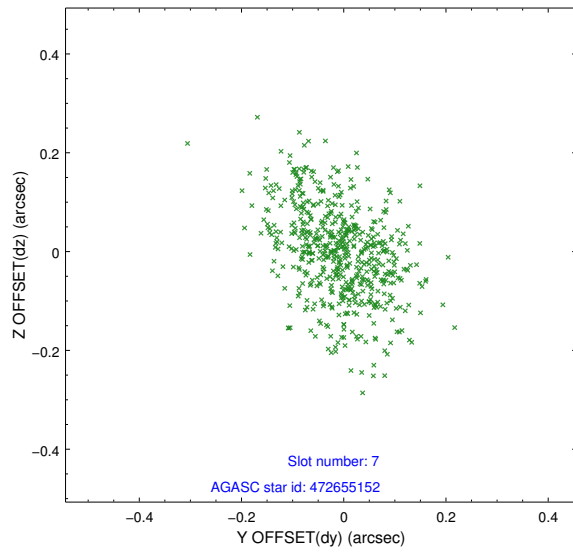
2.4.3 Slot 5



2.4.4 Slot 6

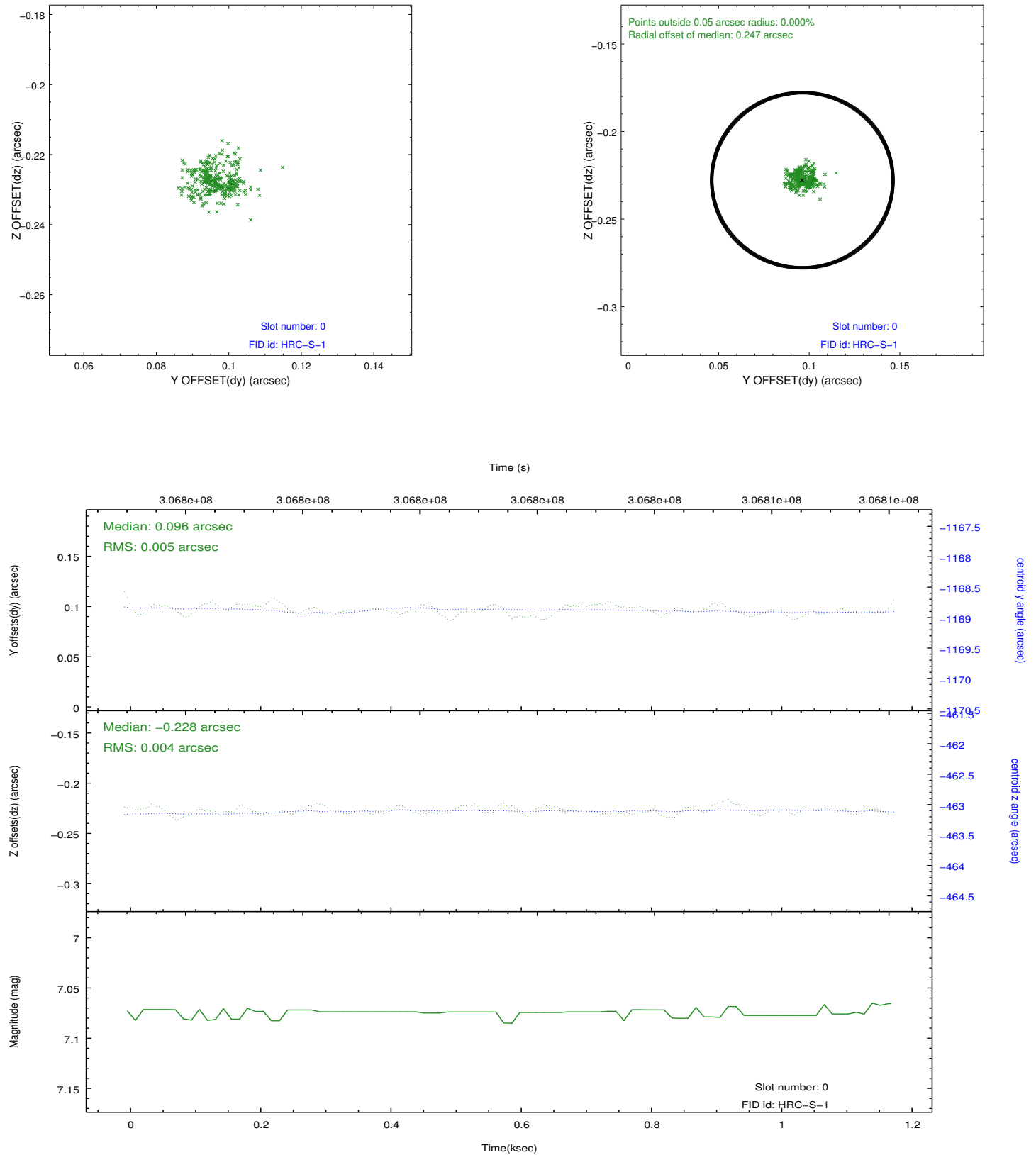


2.4.5 Slot 7

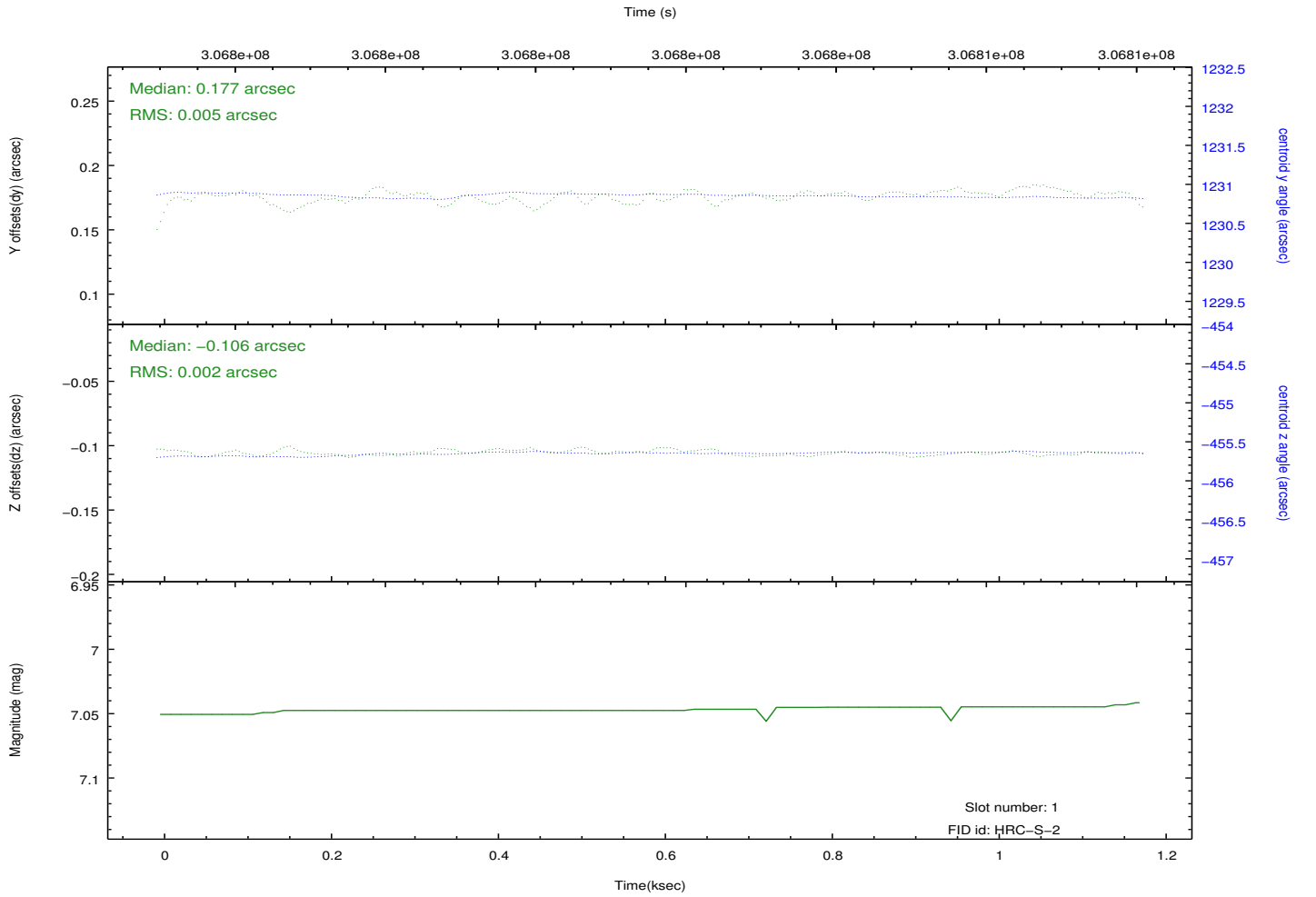
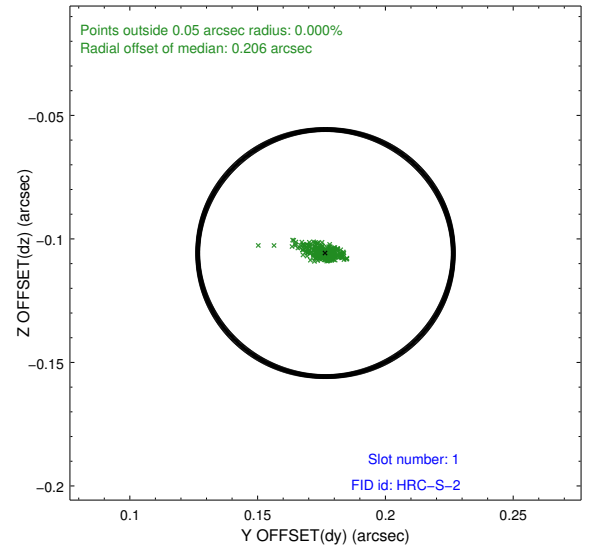
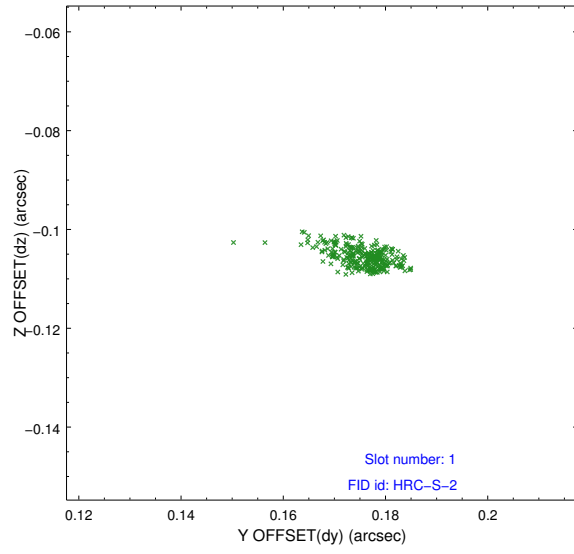


2.5 FID Slots

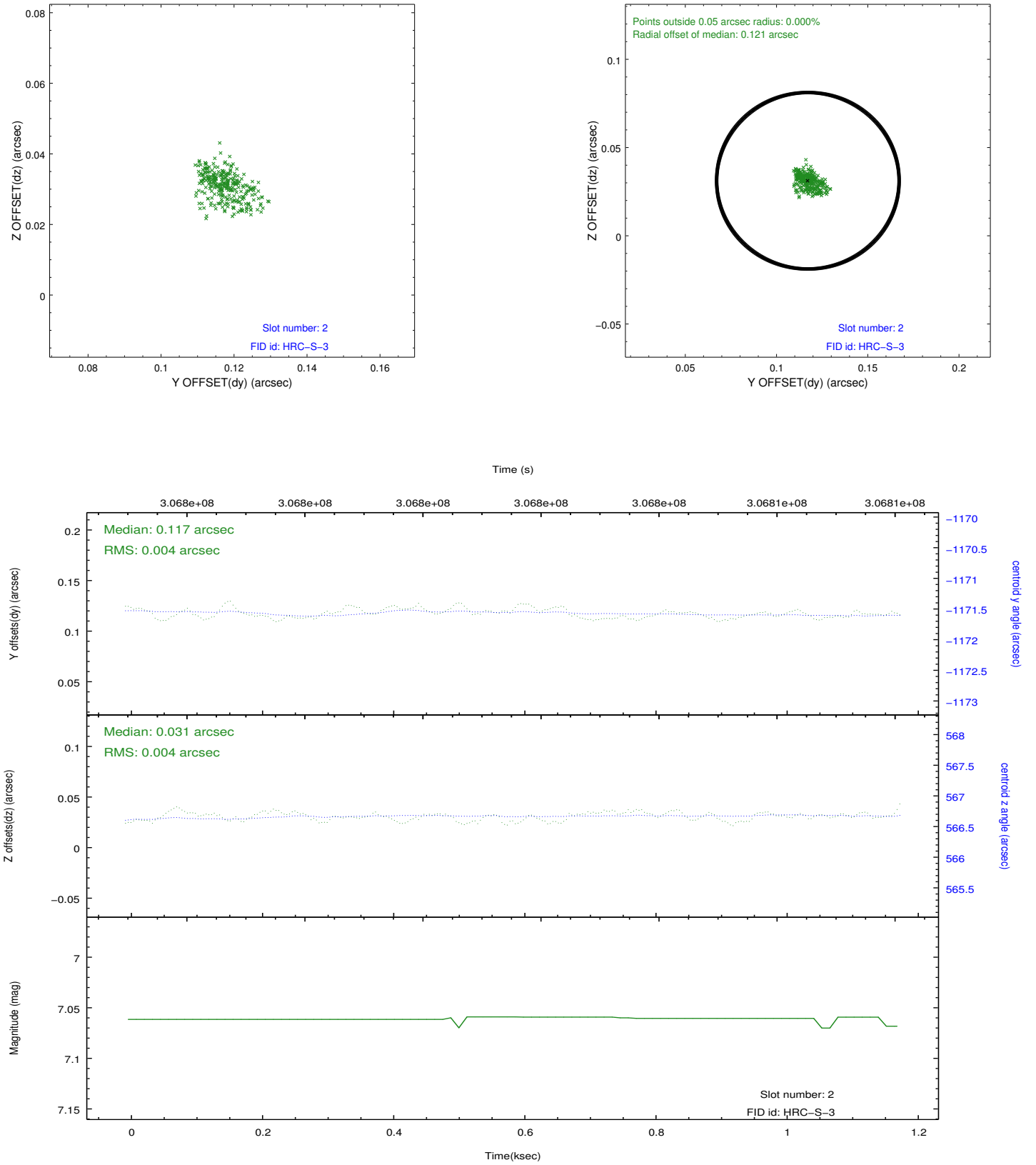
2.5.1 Slot 0



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	1.15517505

A.2 Comments