

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8329 - L2 Version 3
Chandra X-Ray Center

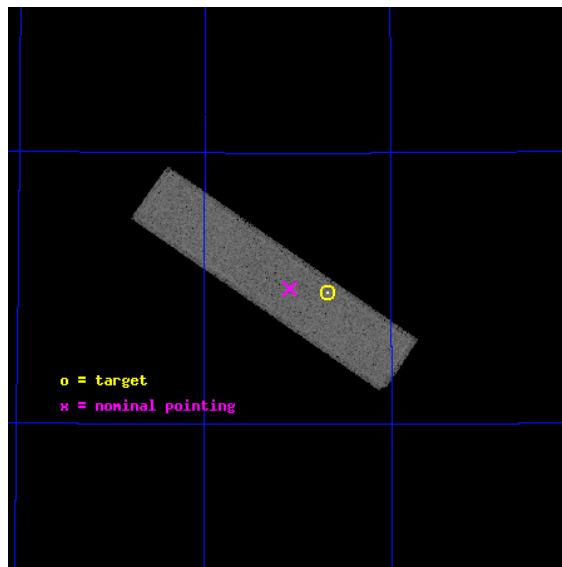
L2 Processing Date : Aug 12 2012

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1 Front

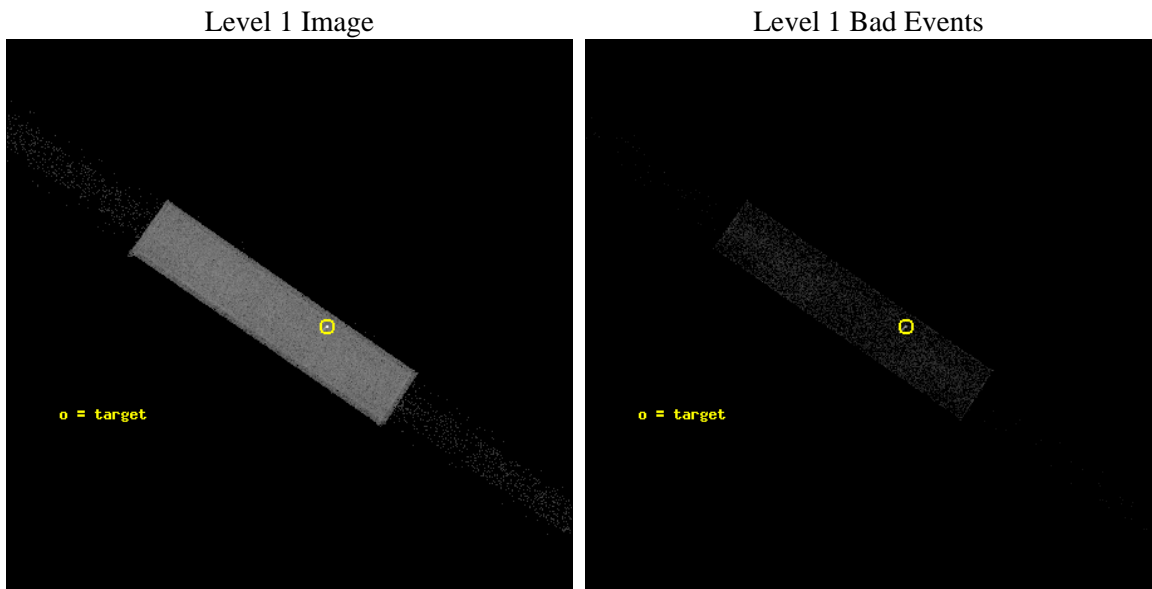
seq_num	290708	Sequence number
obs_id	8329	Observation id
title	AO8 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.27101187608	Nominal RA [deg]
dec_nom	45.749408633647	Nominal Dec [deg]
roll_nom	214.29029572829	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1153.3813054562	[s]
livetime	1142.5053566408	Ontime multiplied by DTCOR
l2events	78951	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	1153.3813054562	[s]
caldsver	4.5.1.1	 	l1events	129113	Number of level 1 events
date	2012-08-12T03:25:41	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

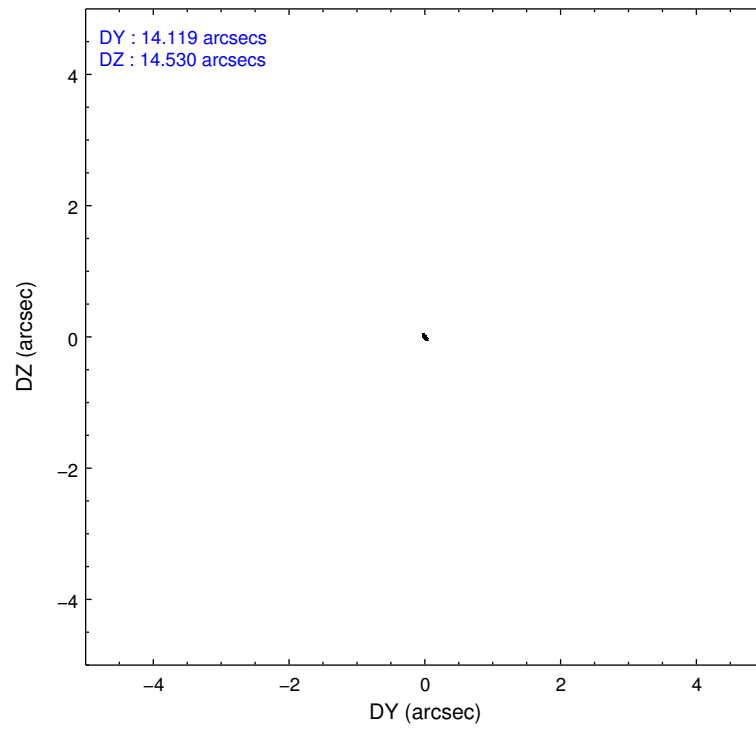
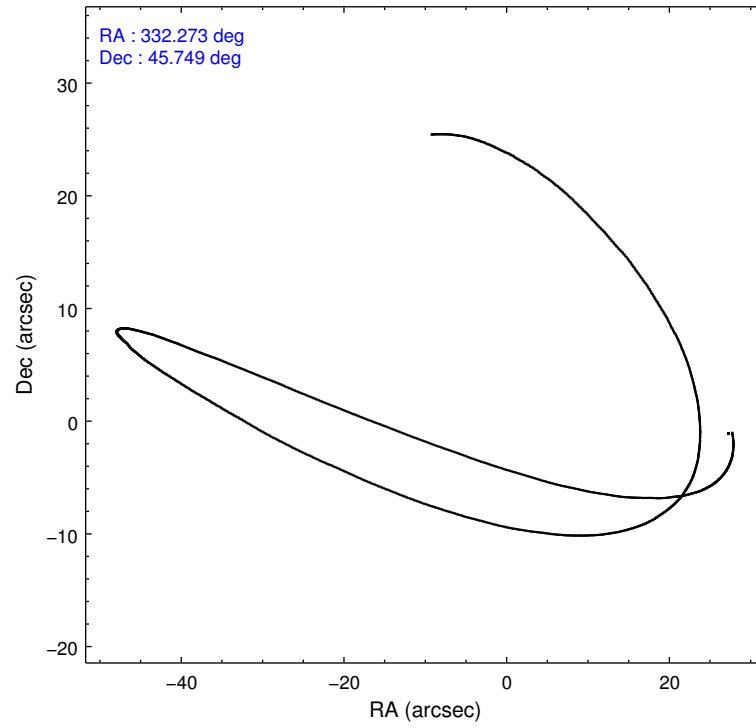
	segment 1	segment 2	segment 3
level 1 events	977	127194	942
rejected events	977	33843	942
rejected %	100%	26%	100%

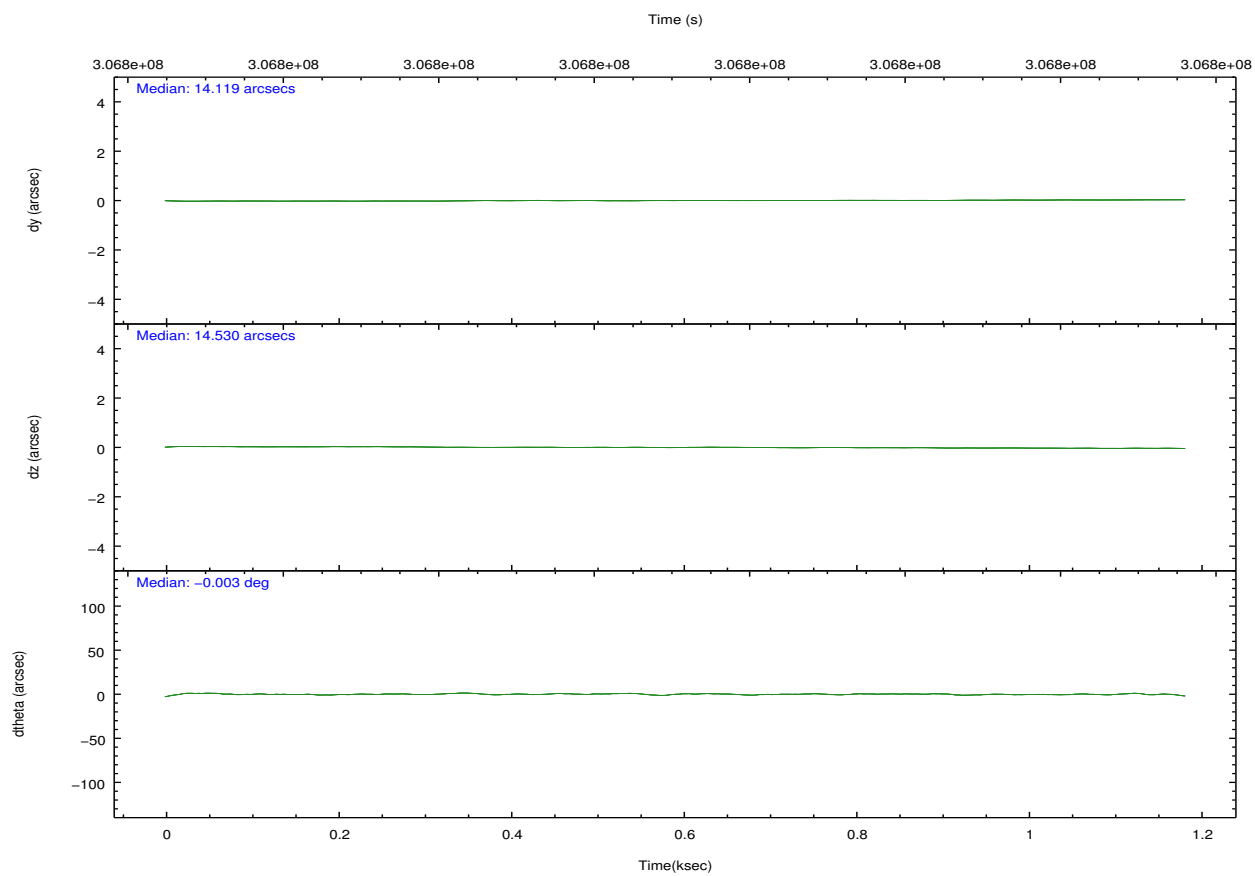
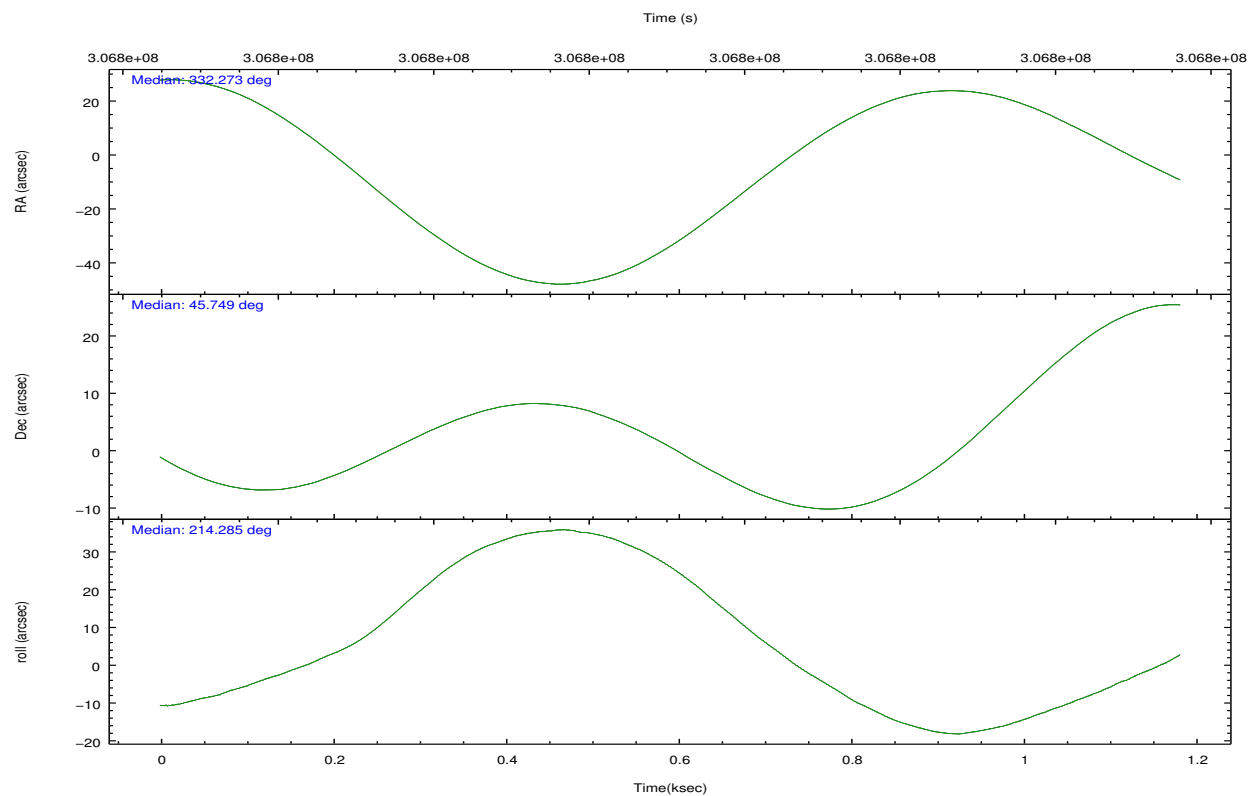
2.2 Compared Parameters

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	332.286140	332.2710118760801
[deg] Pointing Dec	45.776116	45.74940863364723
[deg] Pointing Roll	214.212047	214.2902957282918
[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)	306798293.184000	306797917.28118
Observation start date	2007-09-21T21:43:48	2007-09-21T21:38:37
[s] Observation end time (MET)	306799293.184000	306799427.61875
Observation end date	2007-09-21T22:00:28	2007-09-21T22:03:47

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

2.3 Aspect



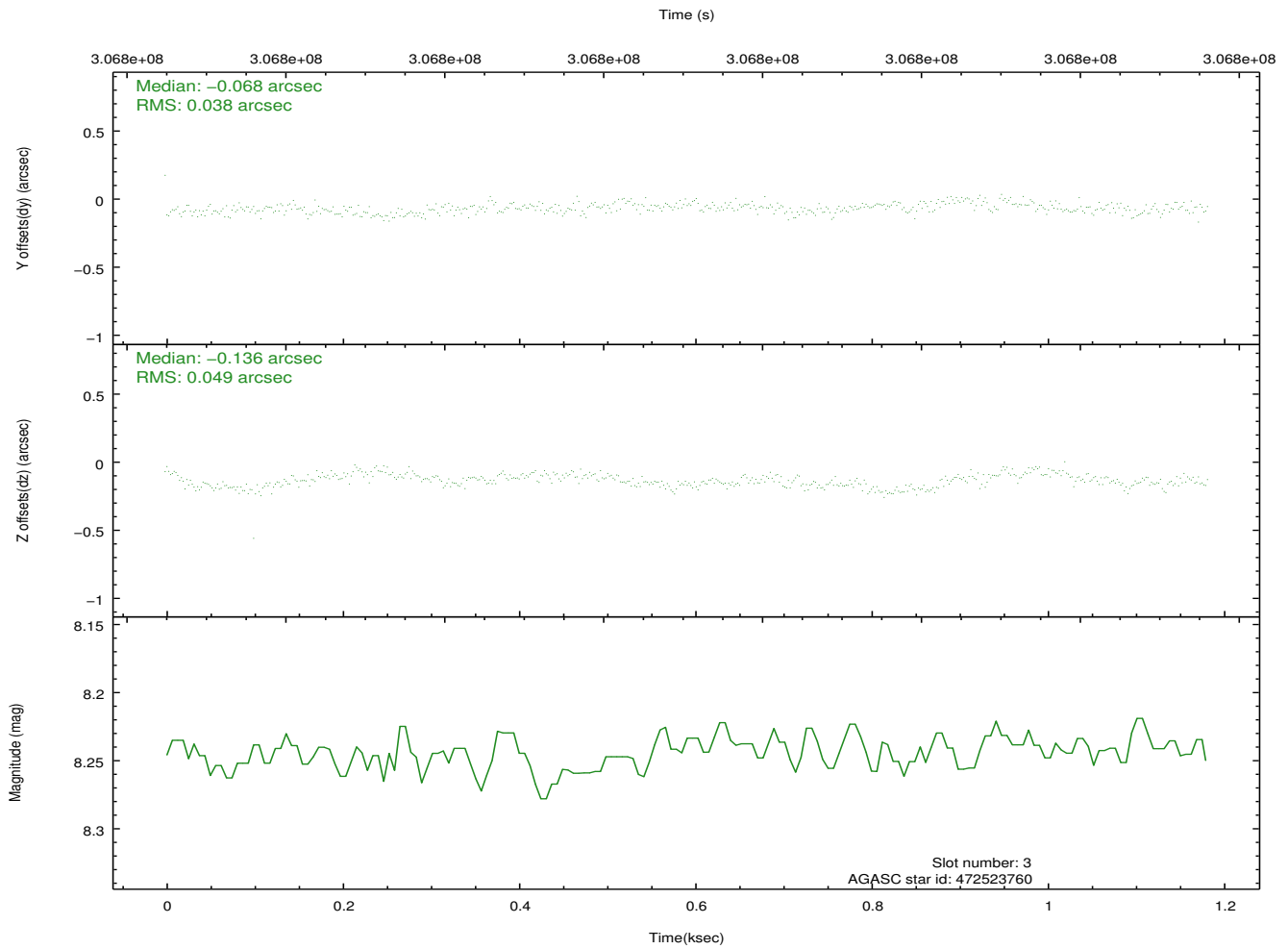
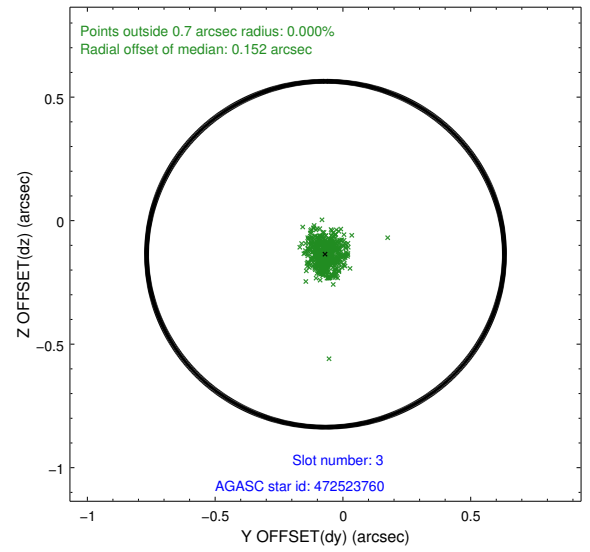
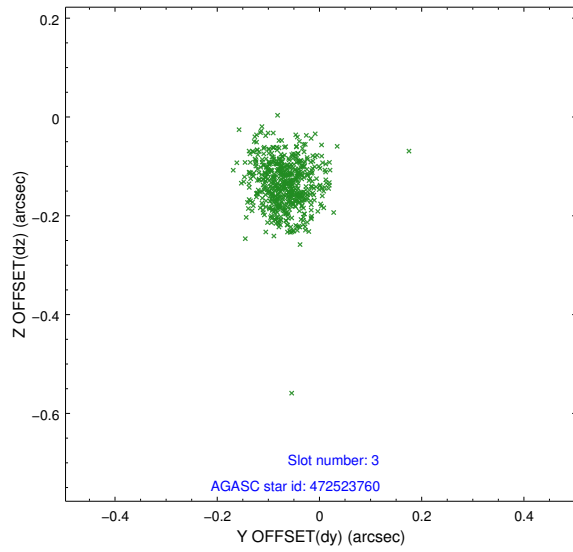


Slot Statistics

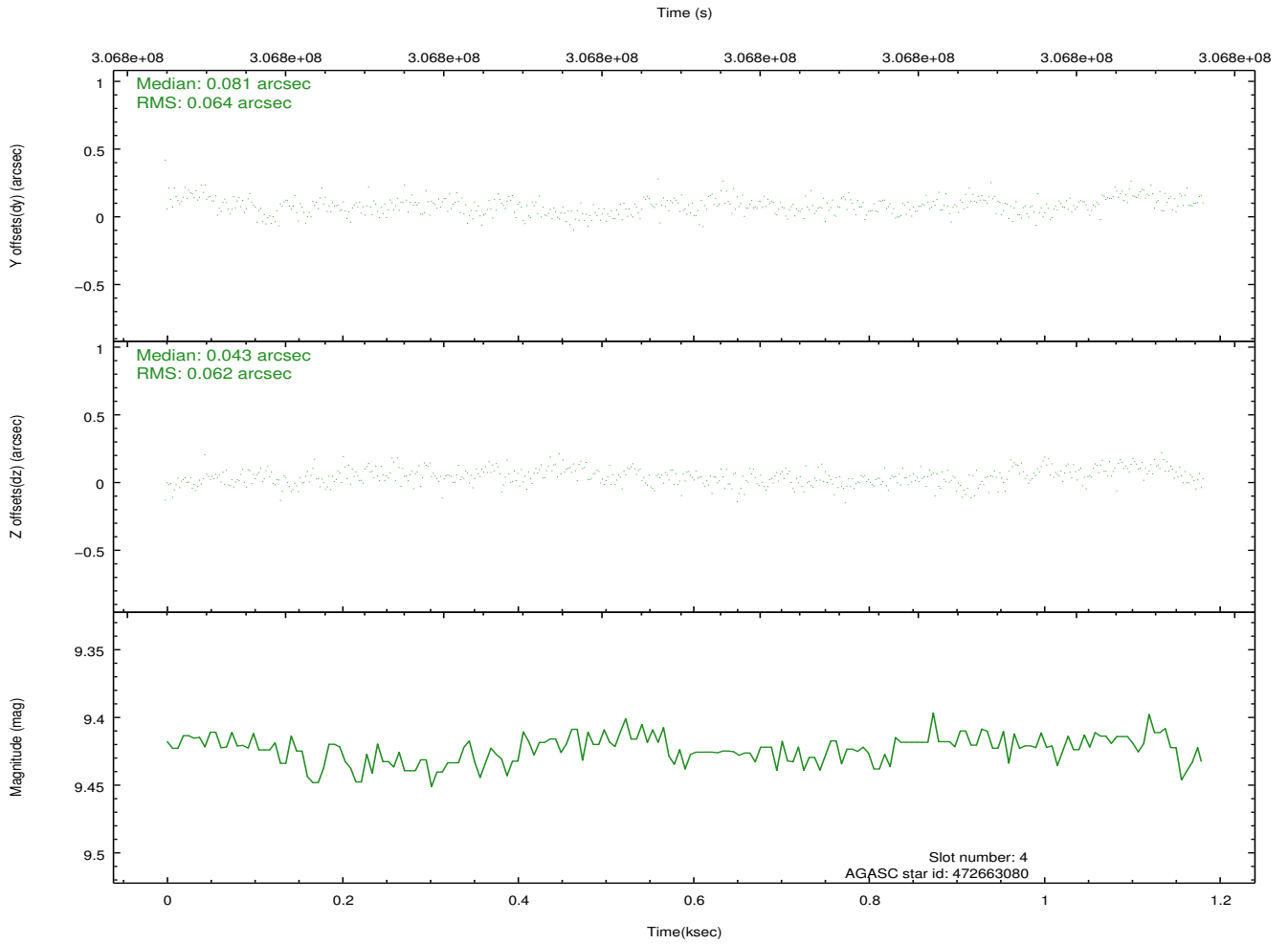
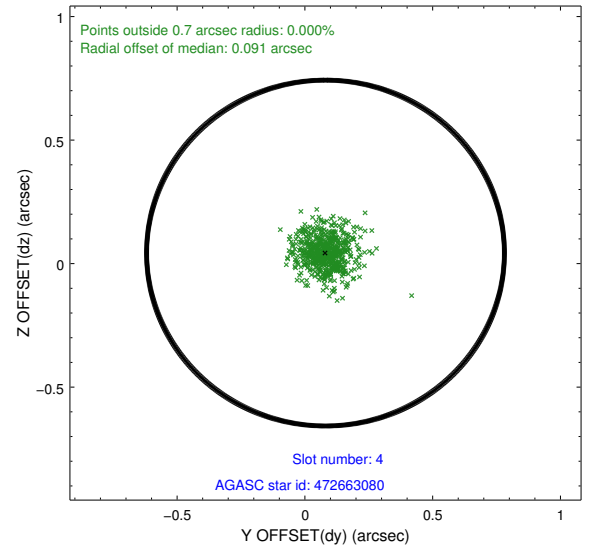
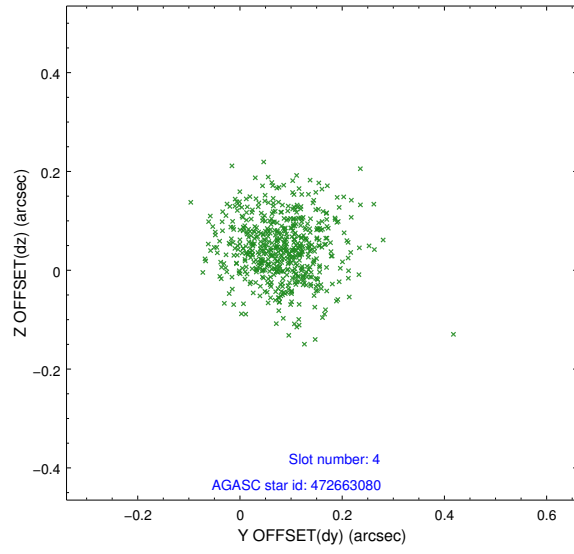
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.08	289	0.104	-0.234	0.006	0.010	0.000000	0.000000	-1168.47	-463.42
1	FID	HRC-S-2	7.05	289	0.169	-0.106	0.005	0.010	0.000000	0.000000	1227.21	-457.57
2	FID	HRC-S-3	7.06	289	0.117	0.038	0.006	0.010	0.000000	0.000000	-1166.92	564.79
3	GUIDE	472523760	8.24	578	-0.068	-0.136	0.063	0.101	331.645363	45.403260	2092.06	192.37
4	GUIDE	472663080	9.42	578	0.081	0.043	0.093	0.153	332.652741	46.473840	-2159.72	-1569.32
5	GUIDE	472665256	9.00	578	0.045	0.017	0.093	0.161	332.808125	46.195041	-1928.08	-523.82
6	GUIDE	472533912	9.16	578	0.006	0.046	0.129	0.195	331.791136	46.368695	-186.30	-2461.21
7	GUIDE	472654568	9.42	577	-0.064	0.055	0.099	0.187	332.194449	45.063576	1636.13	1984.34

2.4 Star Slots

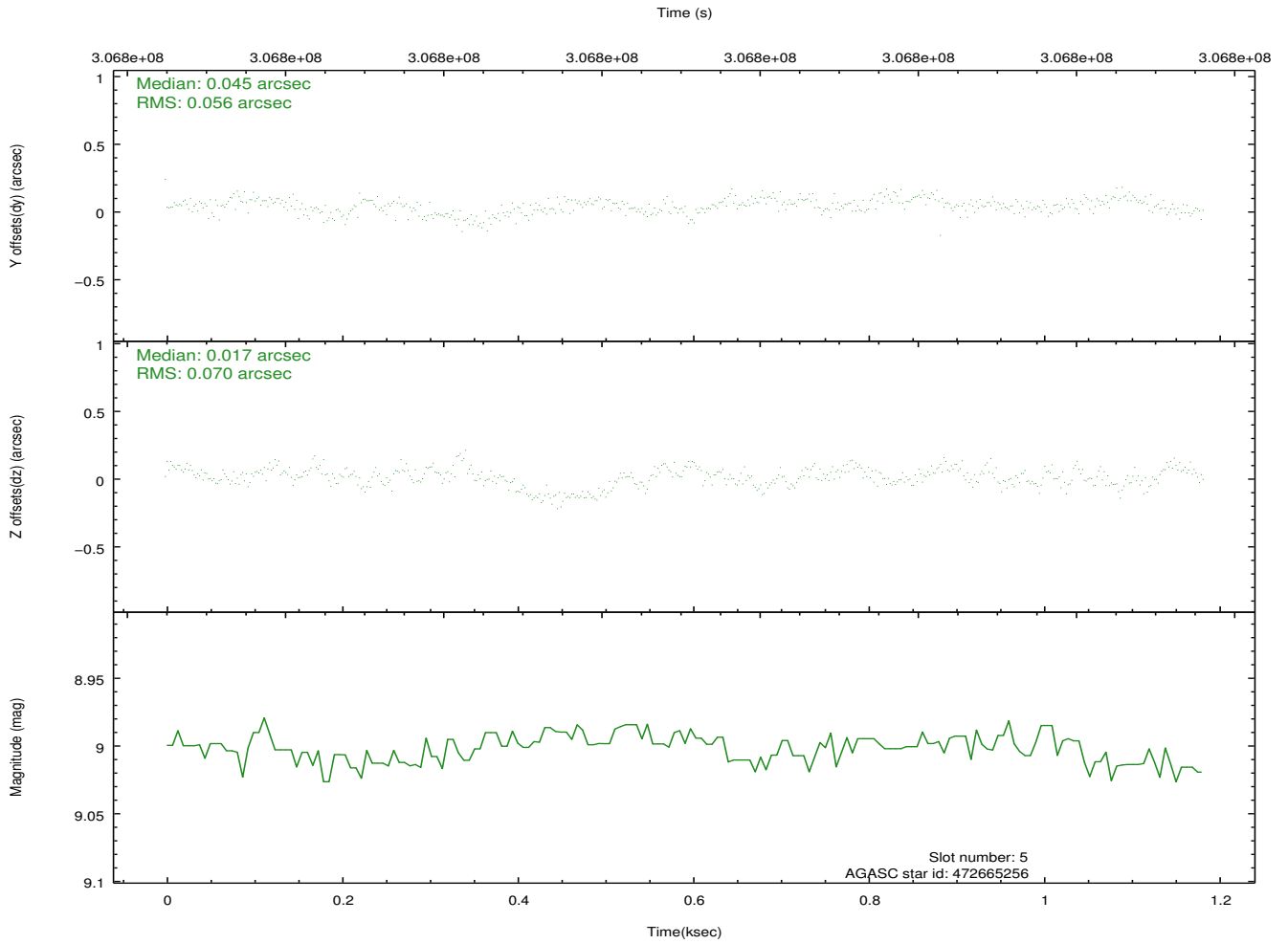
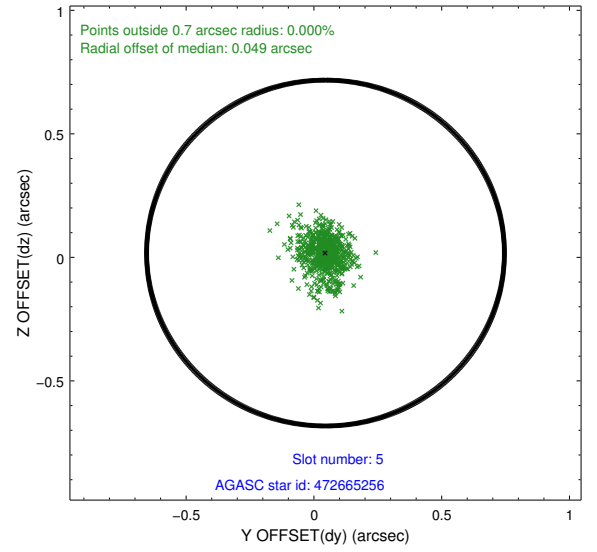
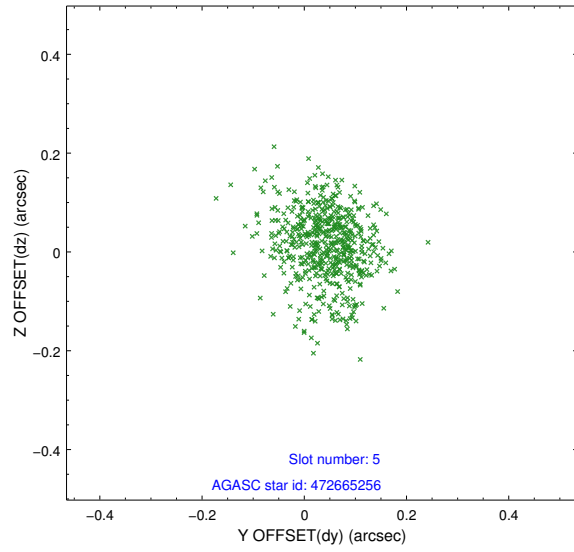
2.4.1 Slot 3



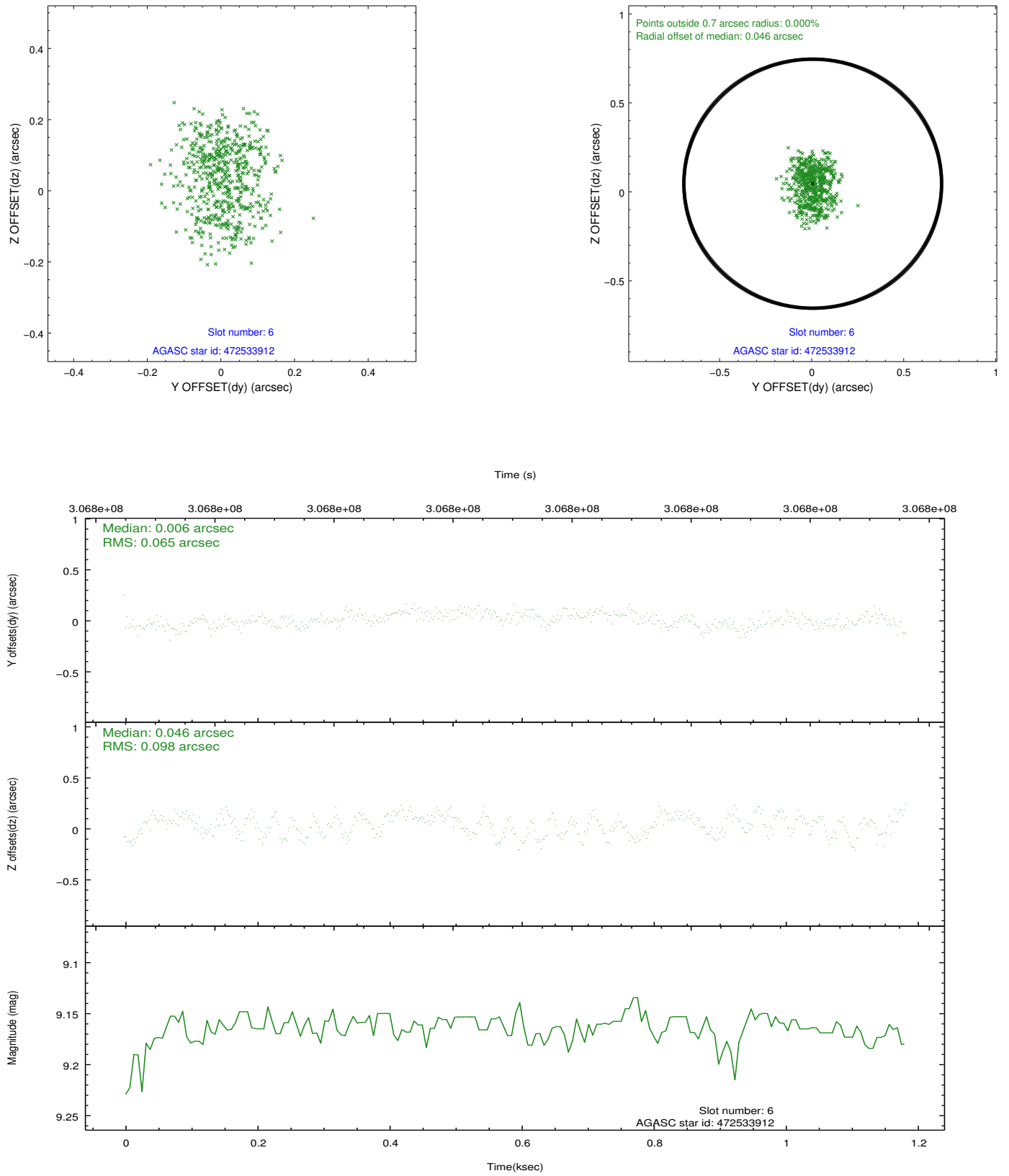
2.4.2 Slot 4



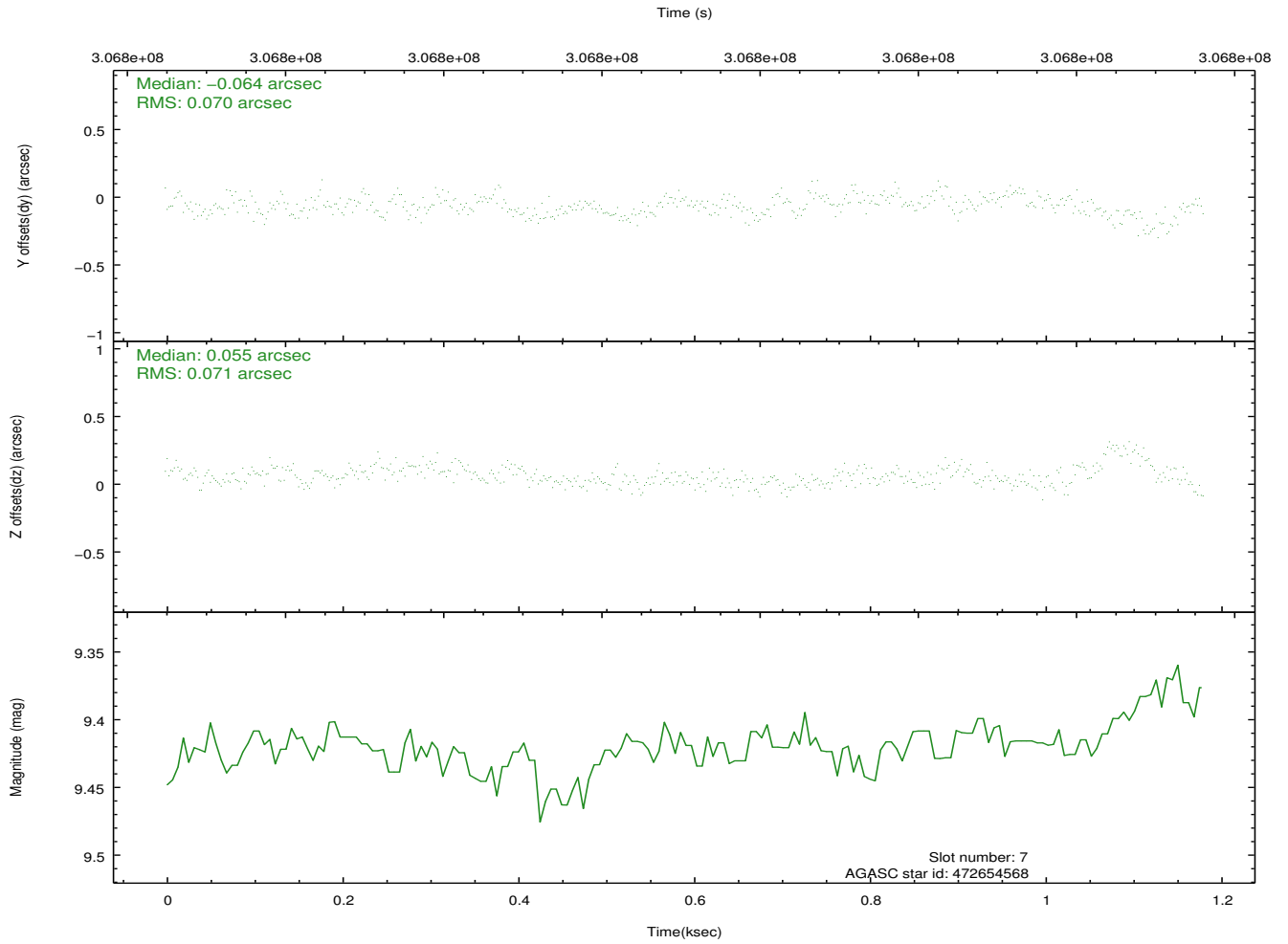
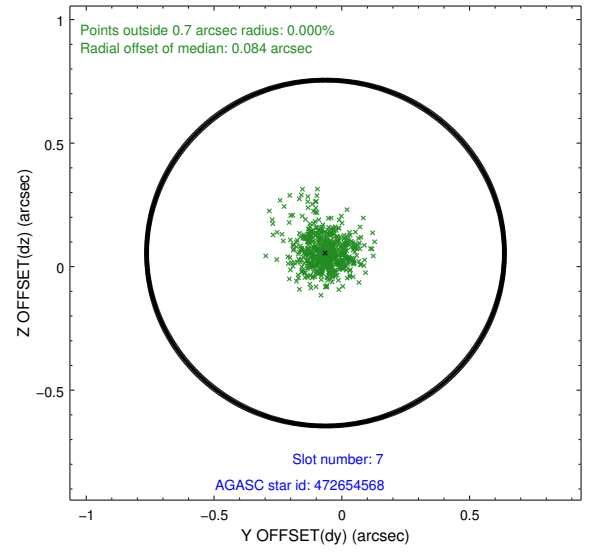
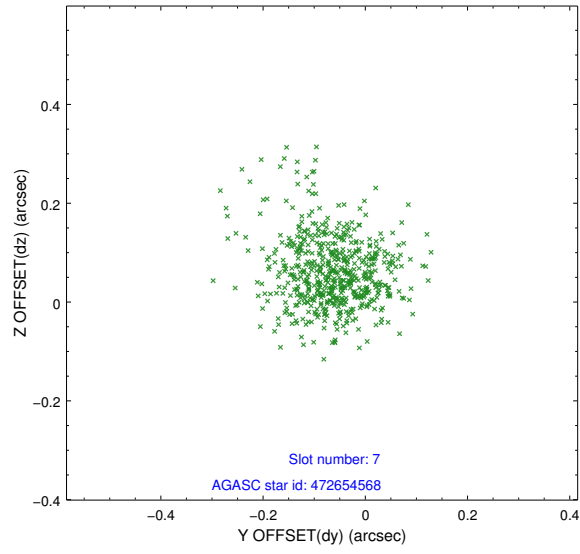
2.4.3 Slot 5



2.4.4 Slot 6

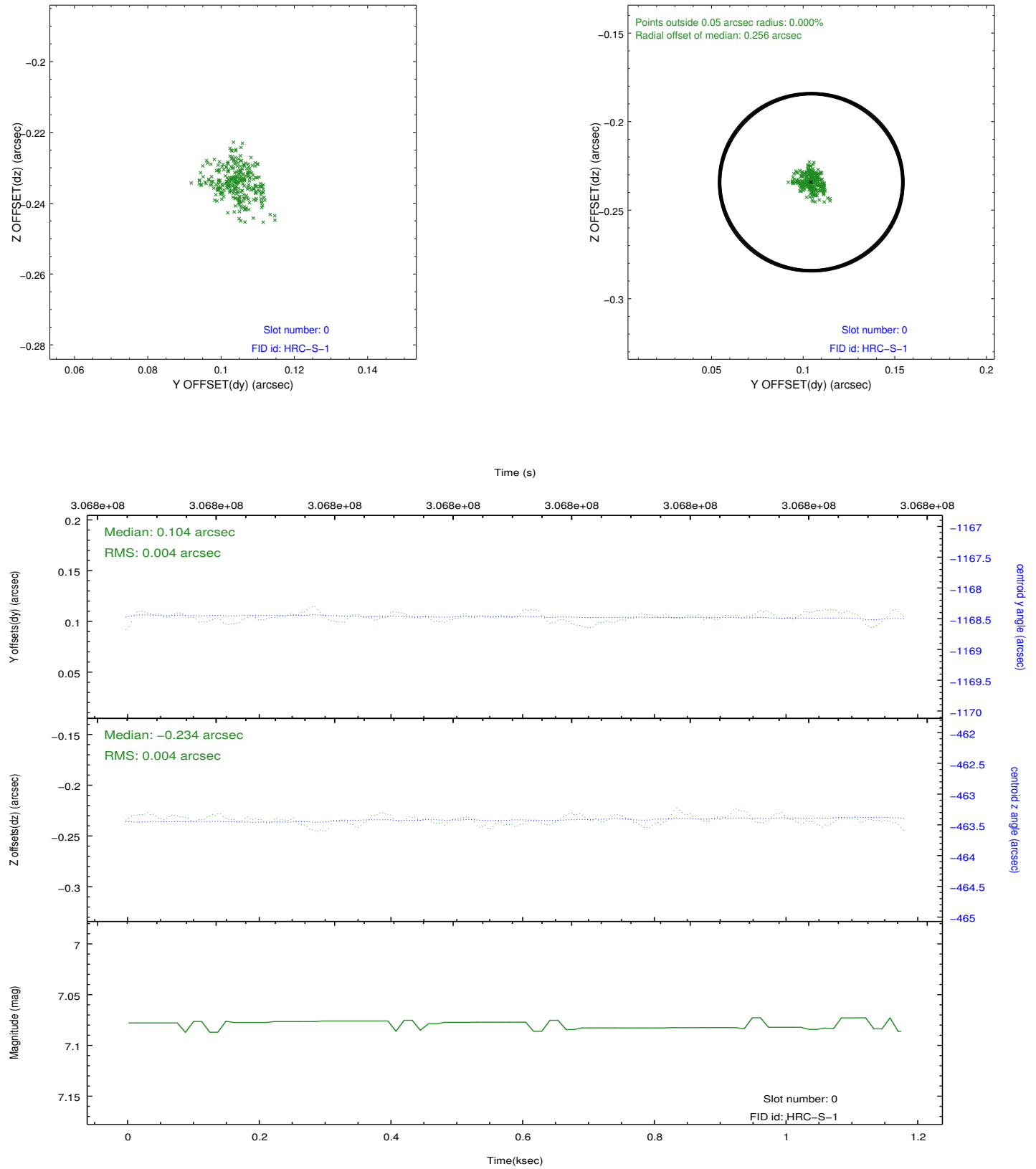


2.4.5 Slot 7

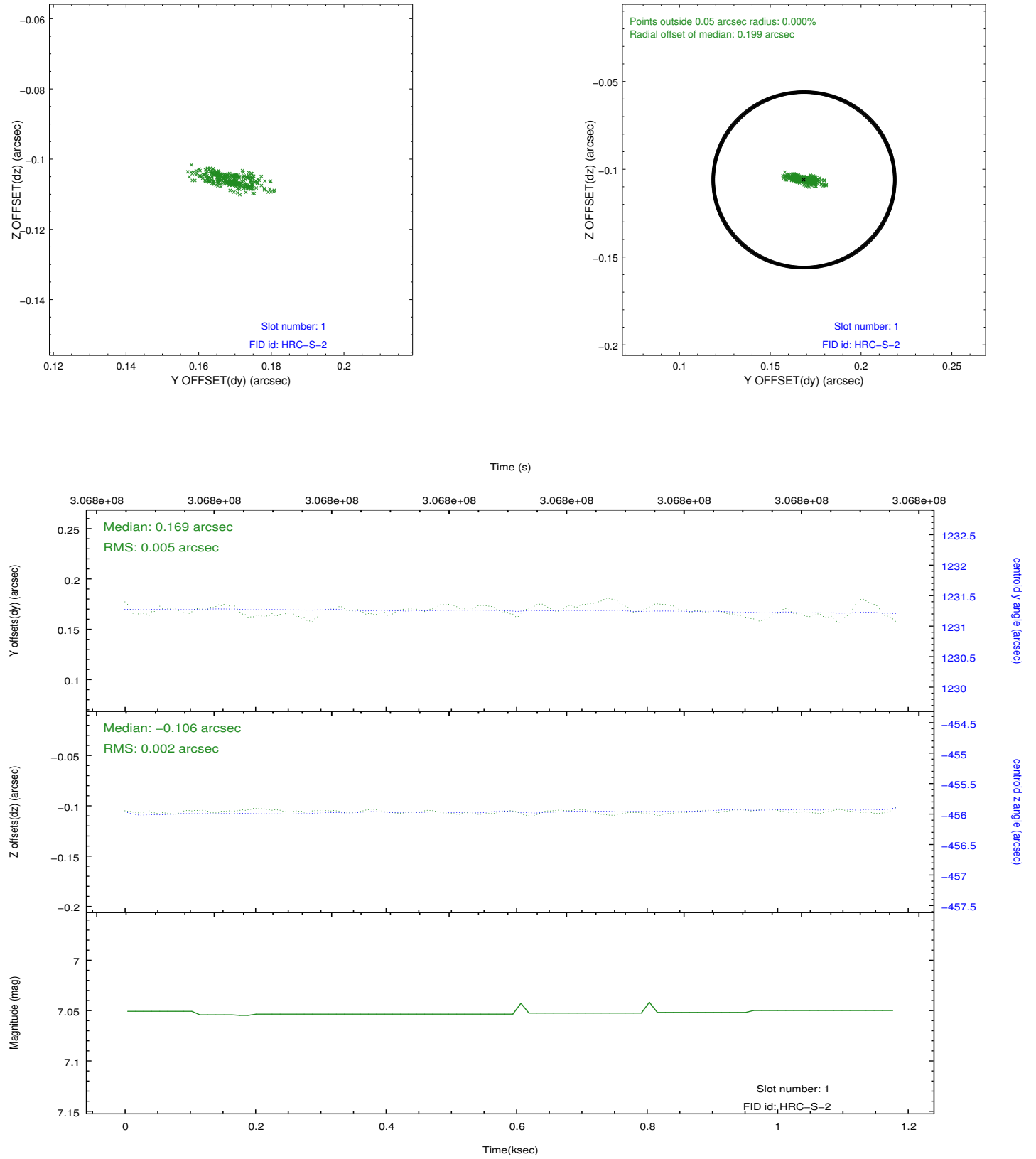


2.5 FID Slots

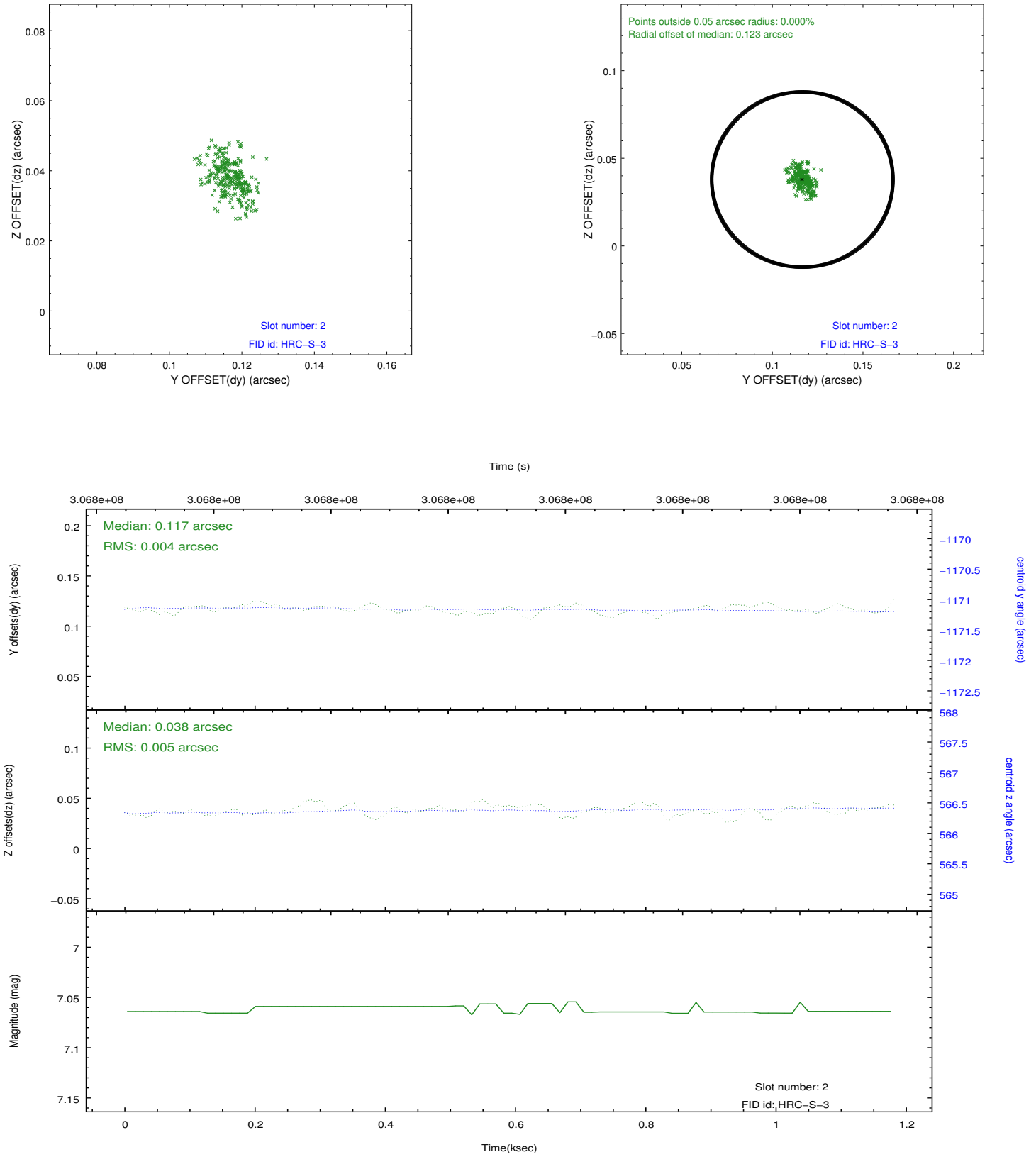
2.5.1 Slot 0



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	1.1533813

A.2 Comments