

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8337 - L2 Version 3
Chandra X-Ray Center

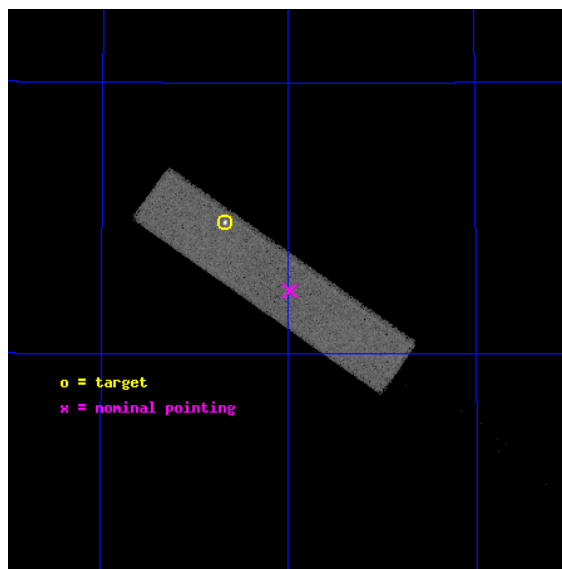
L2 Processing Date : Aug 12 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

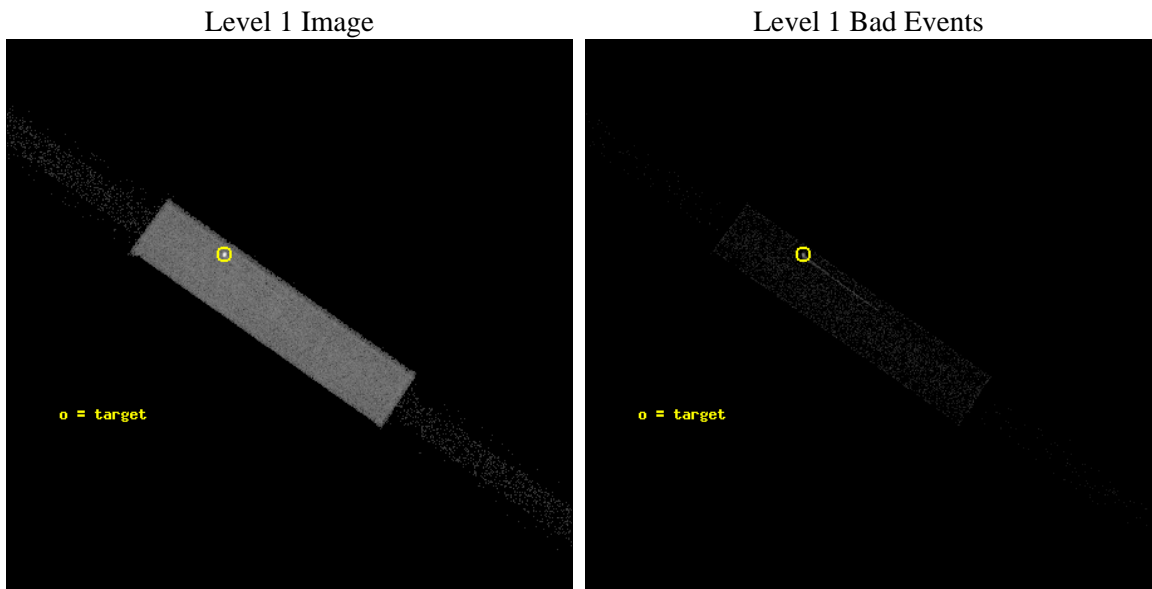
seq_num	290716	Sequence number
obs_id	8337	Observation id
title	AO8 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	331.99633240012	Nominal RA [deg]
dec_nom	45.616587493358	Nominal Dec [deg]
roll_nom	214.83991934009	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1151.3313055038	[s]
livetime	1140.2593960296	Ontime multiplied by DTCOR
l2events	80456	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	1151.3313055038	[s]
caldbver	4.5.1.1	 	l1events	133154	Number of level 1 events
date	2012-08-12T04:30:06	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

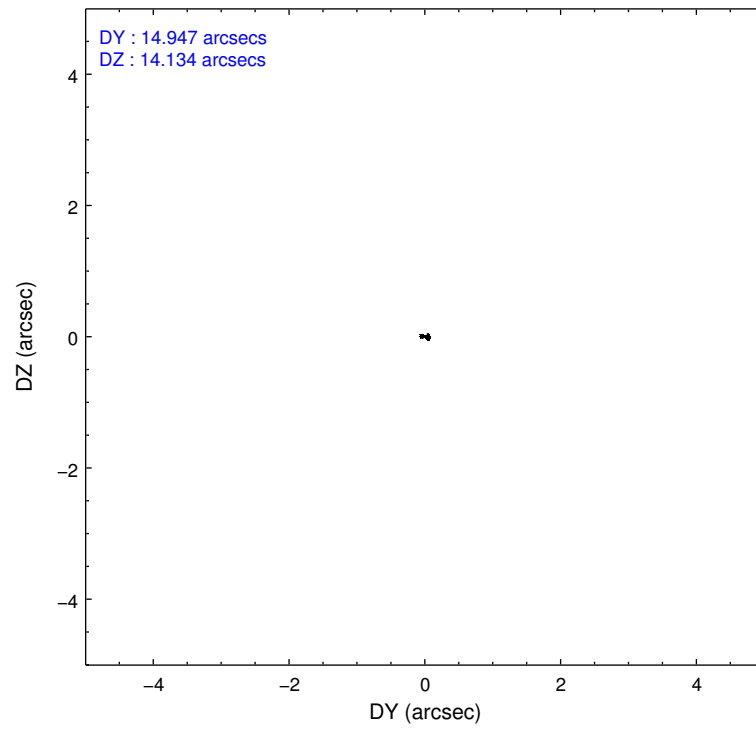
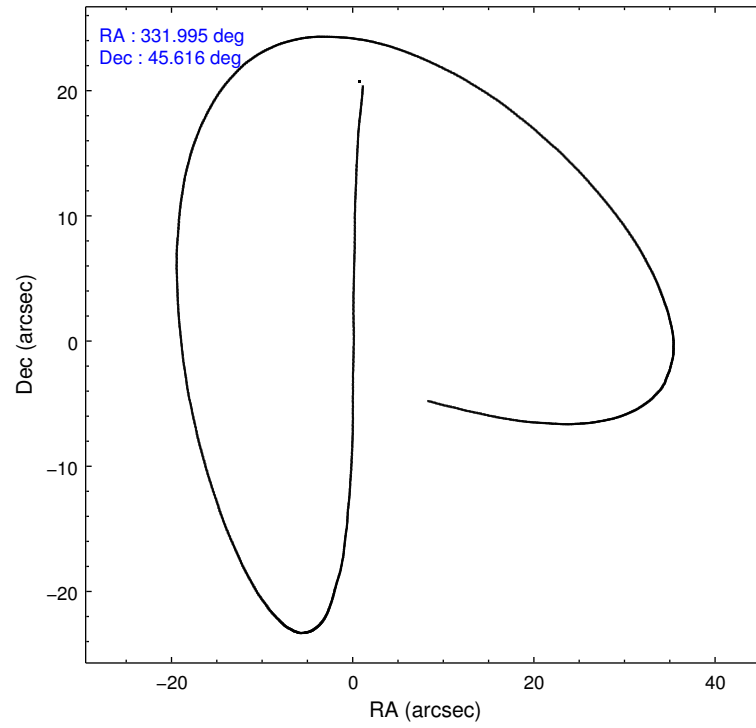
	segment 1	segment 2	segment 3
level 1 events	1406	130481	1267
rejected events	1406	35791	1251
rejected %	100%	27%	98%

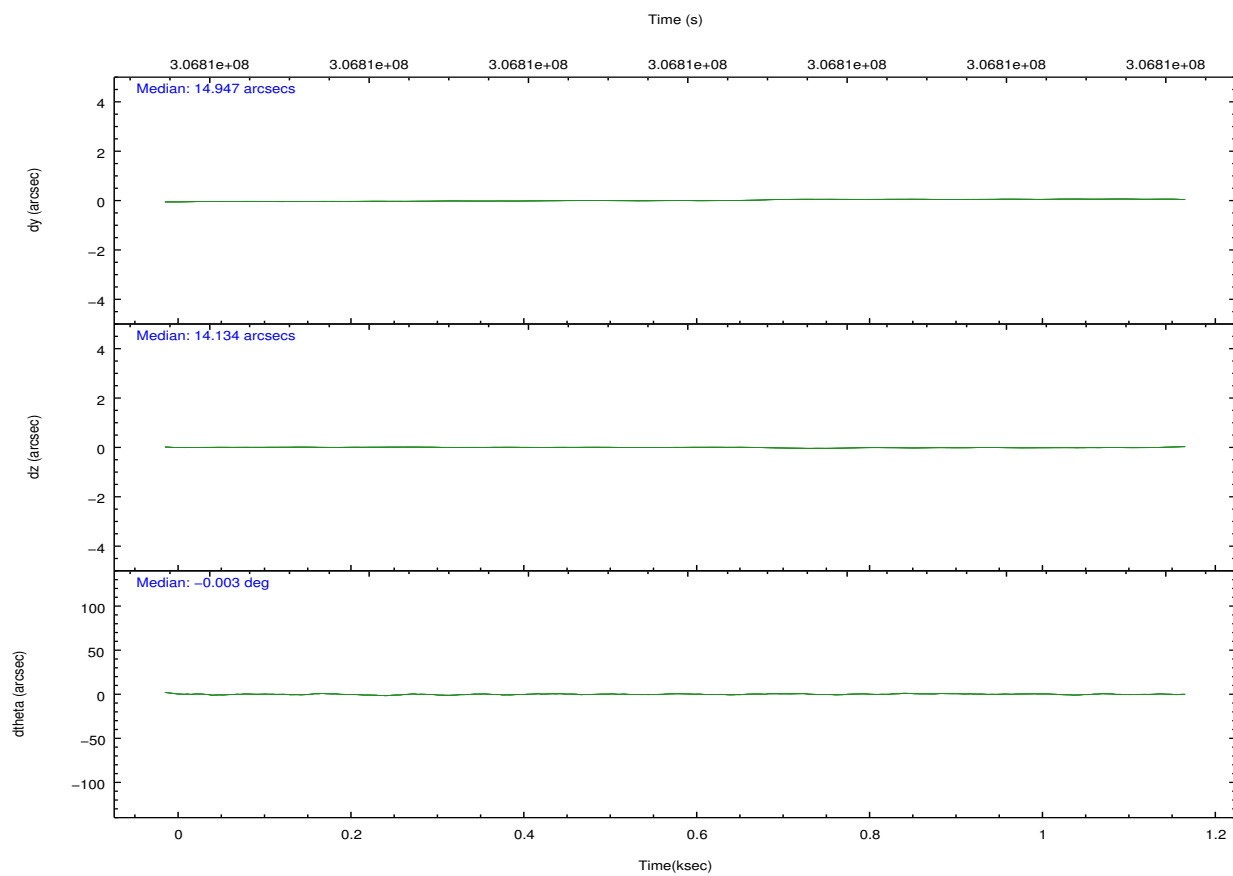
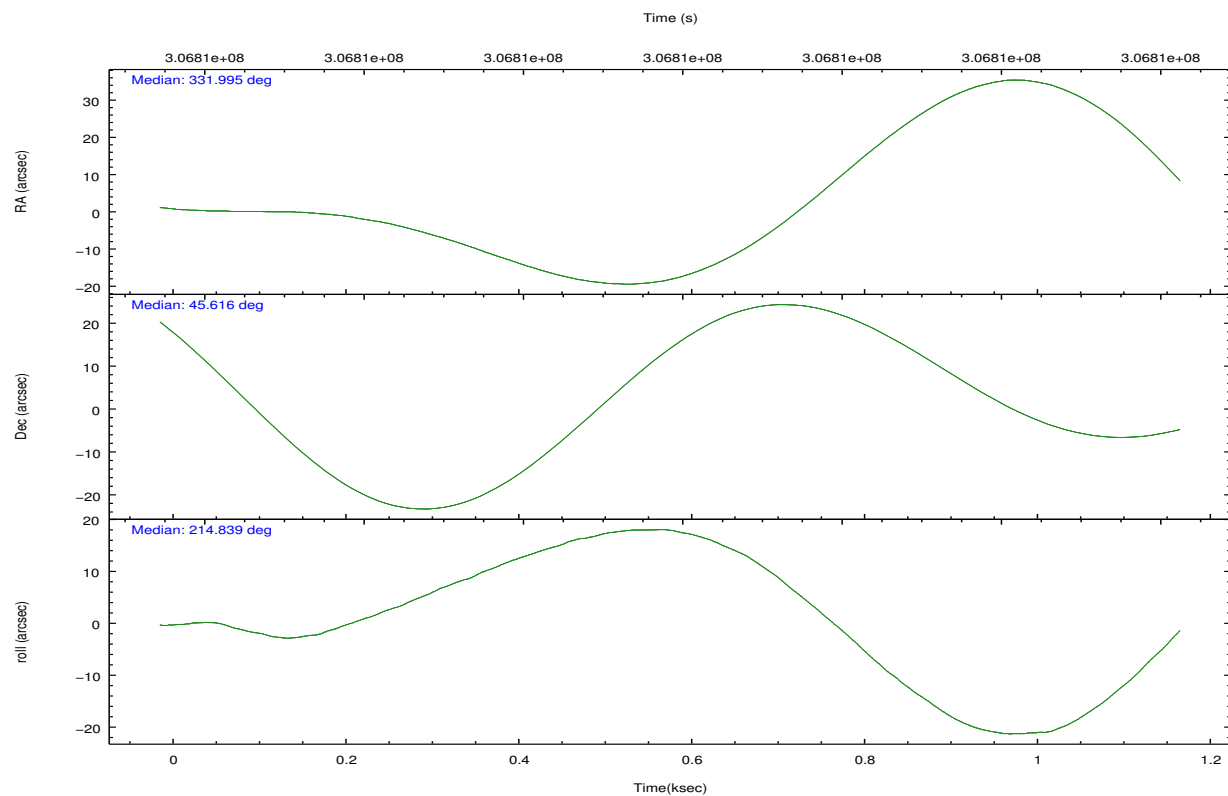
2.2 Compared Parameters

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	332.010993	331.9963324001229
[deg] Pointing Dec	45.643894	45.61658749335807
[deg] Pointing Roll	214.762119	214.839919340094
[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)	306810373.184000	306809997.93176
Observation start date	2007-09-22T01:05:08	2007-09-22T00:59:57
[s] Observation end time (MET)	306811373.184000	306811507.75683
Observation end date	2007-09-22T01:21:48	2007-09-22T01:25:07

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

2.3 Aspect



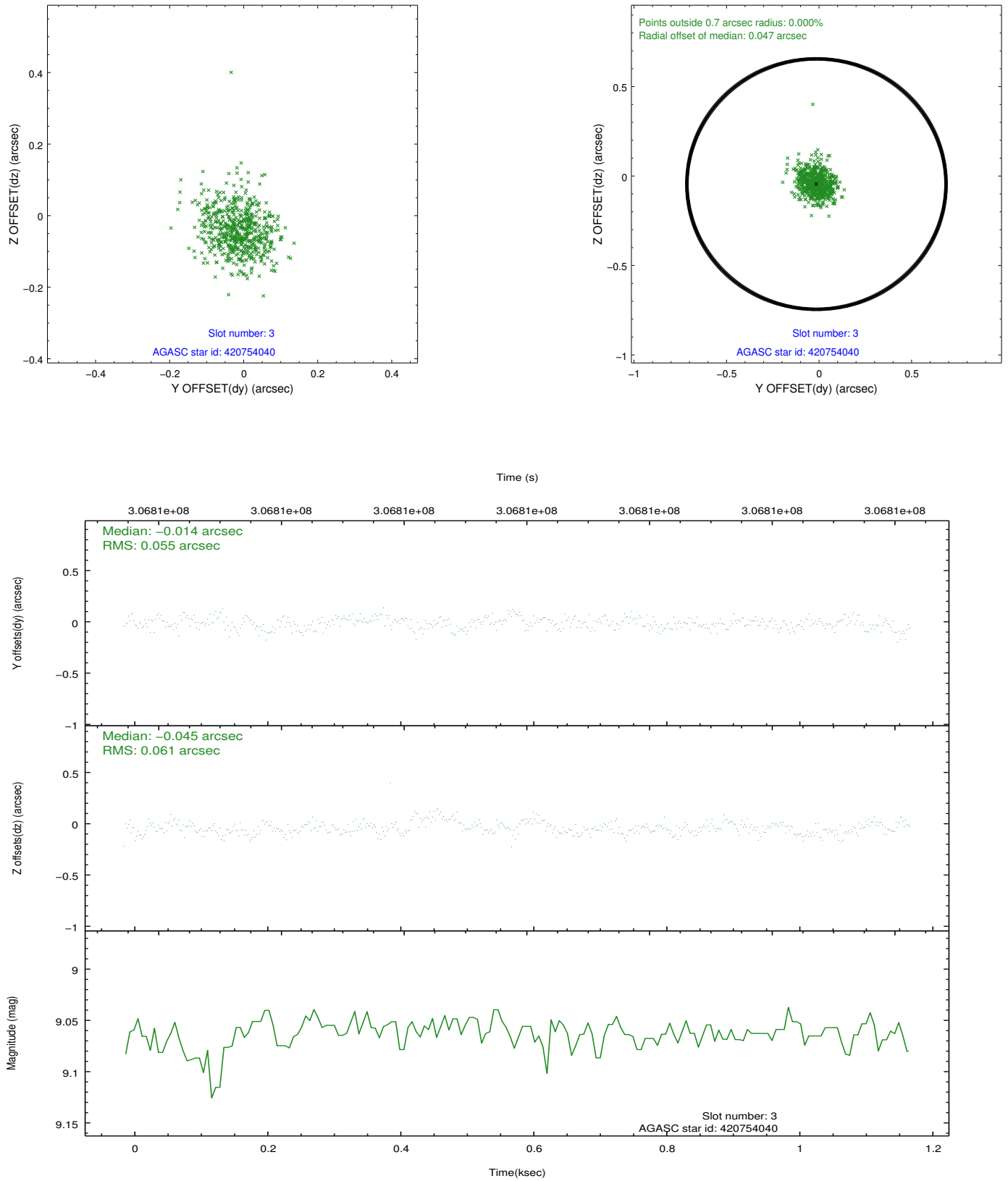


Slot Statistics

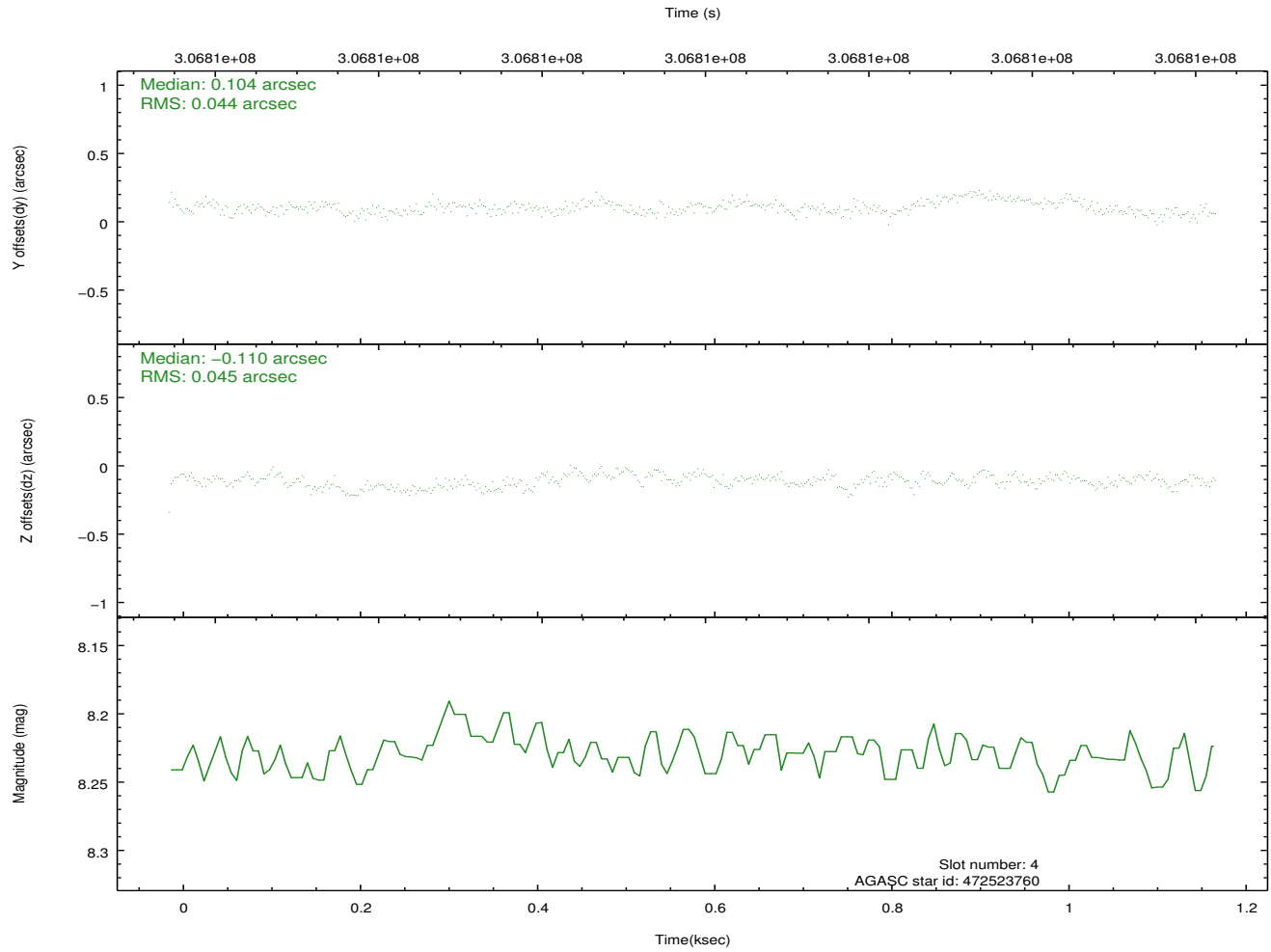
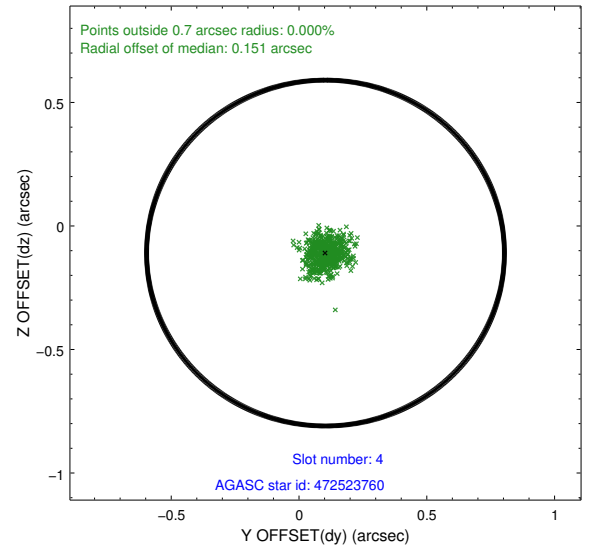
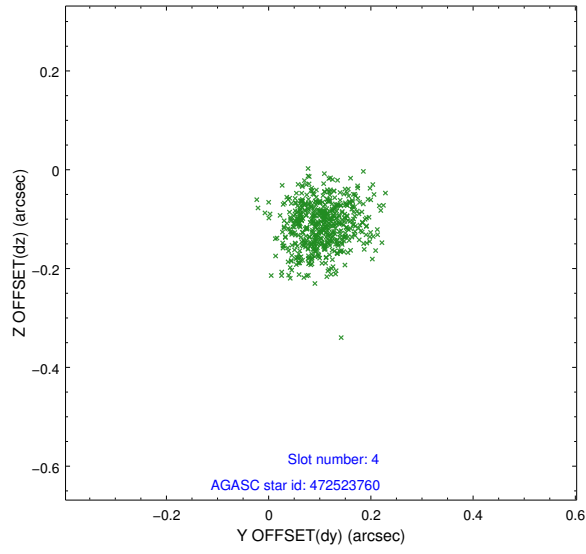
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.07	288	0.096	-0.219	0.007	0.012	0.000000	0.000000	-1169.34	-463.01
1	FID	HRC-S-2	7.05	288	0.175	-0.105	0.005	0.010	0.000000	0.000000	1226.34	-457.16
2	FID	HRC-S-3	7.06	288	0.120	0.022	0.007	0.012	0.000000	0.000000	-1167.77	565.17
3	GUIDE	420754040	9.06	577	-0.014	-0.045	0.085	0.142	331.917939	44.882543	1757.52	2113.25
4	GUIDE	472523760	8.23	577	0.104	-0.110	0.067	0.110	331.645363	45.403260	1255.92	183.28
5	GUIDE	472527720	7.00	577	-0.168	0.043	0.073	0.125	331.460205	45.112509	2240.32	766.91
6	GUIDE	472655152	9.42	577	0.046	-0.073	0.113	0.170	332.504239	45.862991	-1463.09	51.95
7	GUIDE	472533912	9.15	575	0.017	0.178	0.121	0.208	331.791136	46.368695	-1041.32	-2458.67

2.4 Star Slots

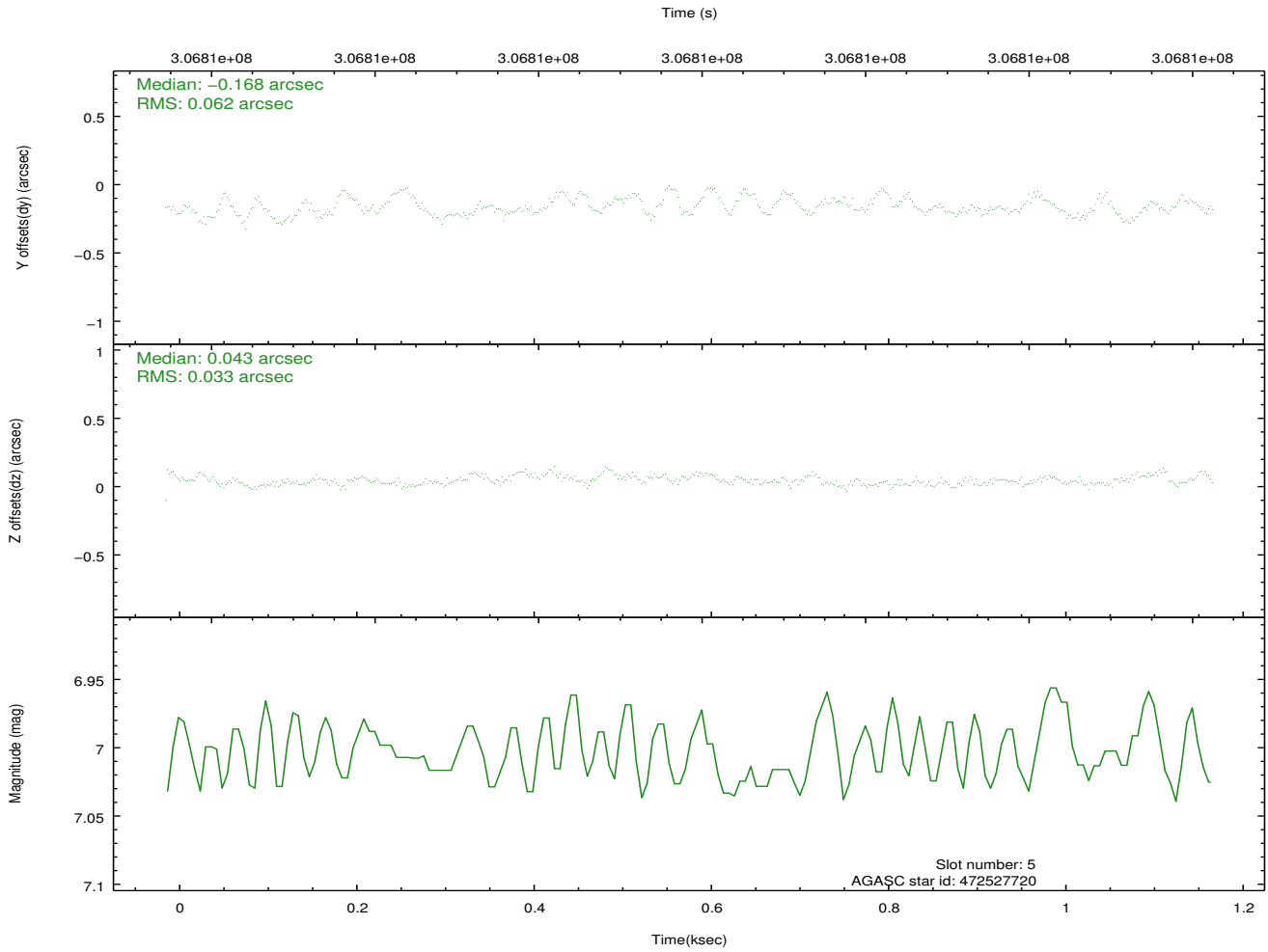
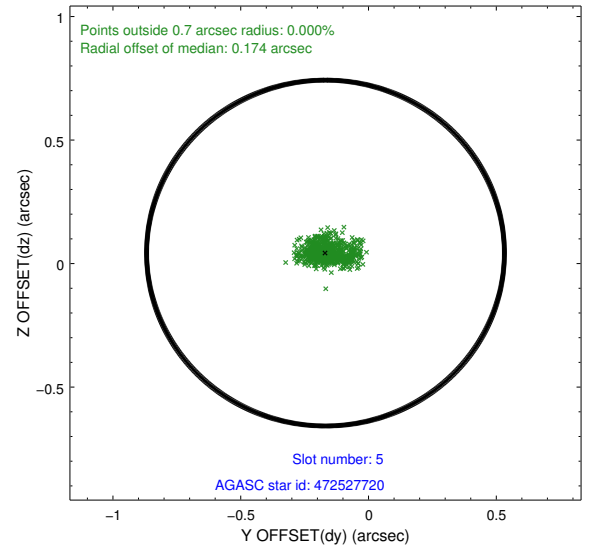
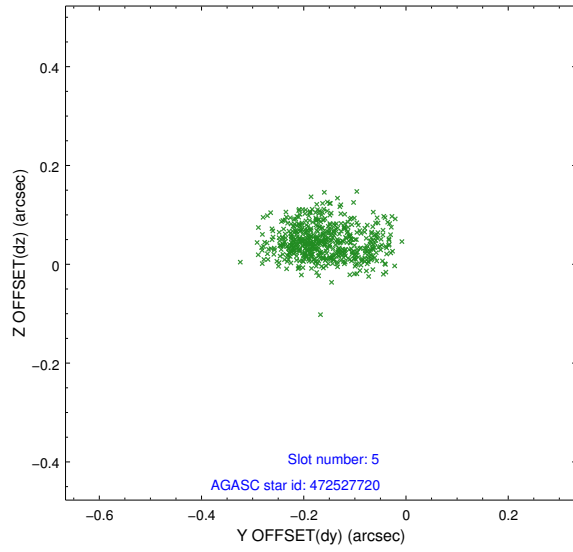
2.4.1 Slot 3



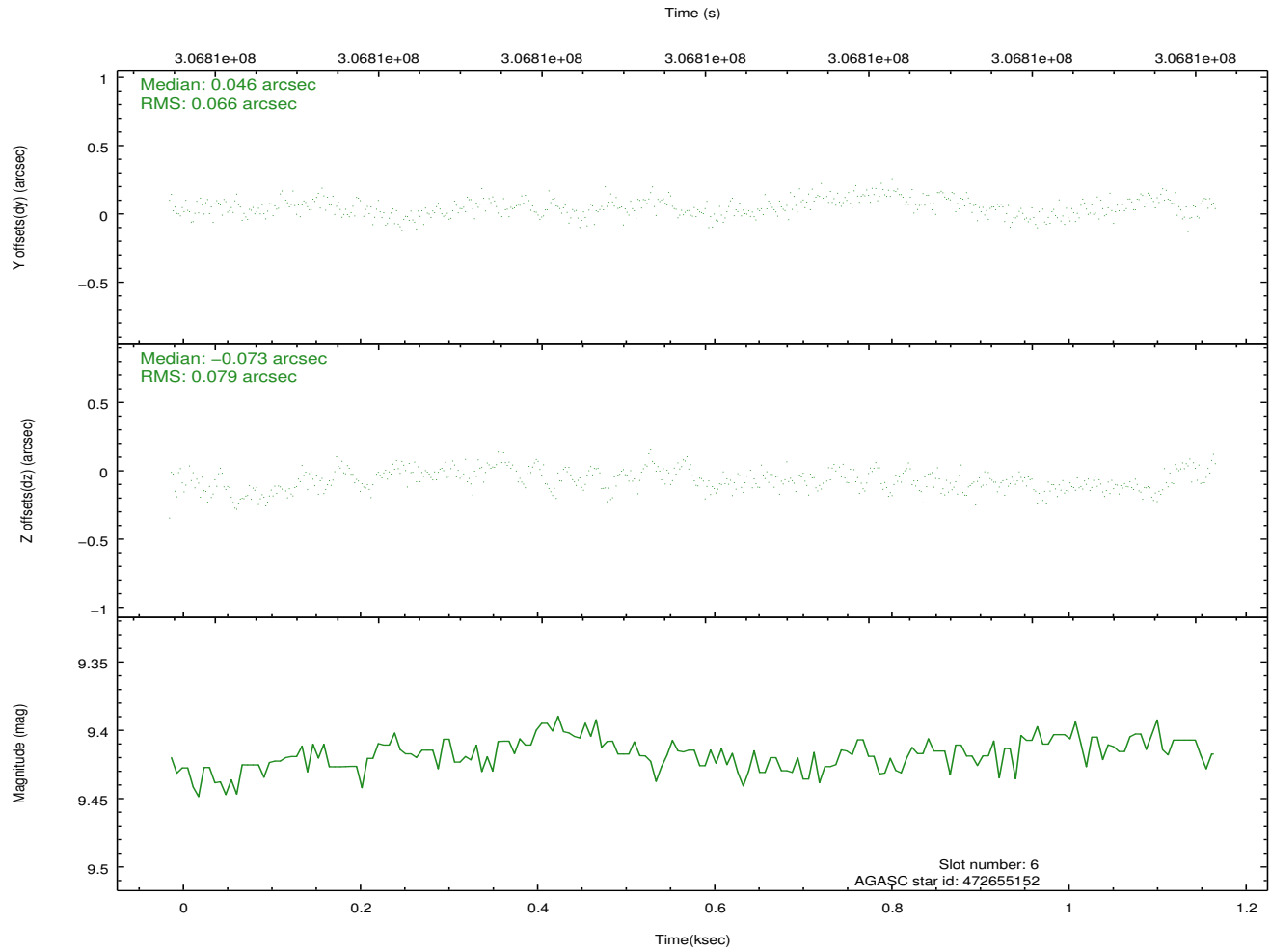
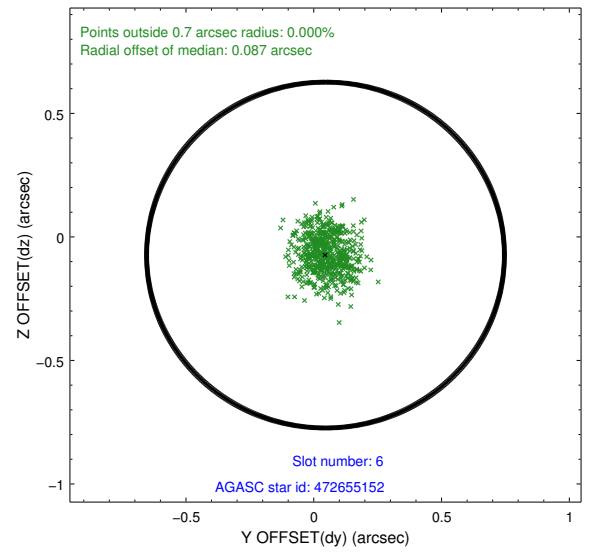
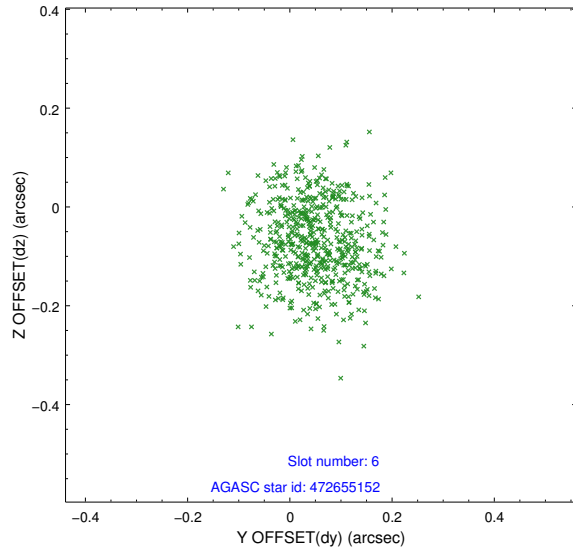
2.4.2 Slot 4



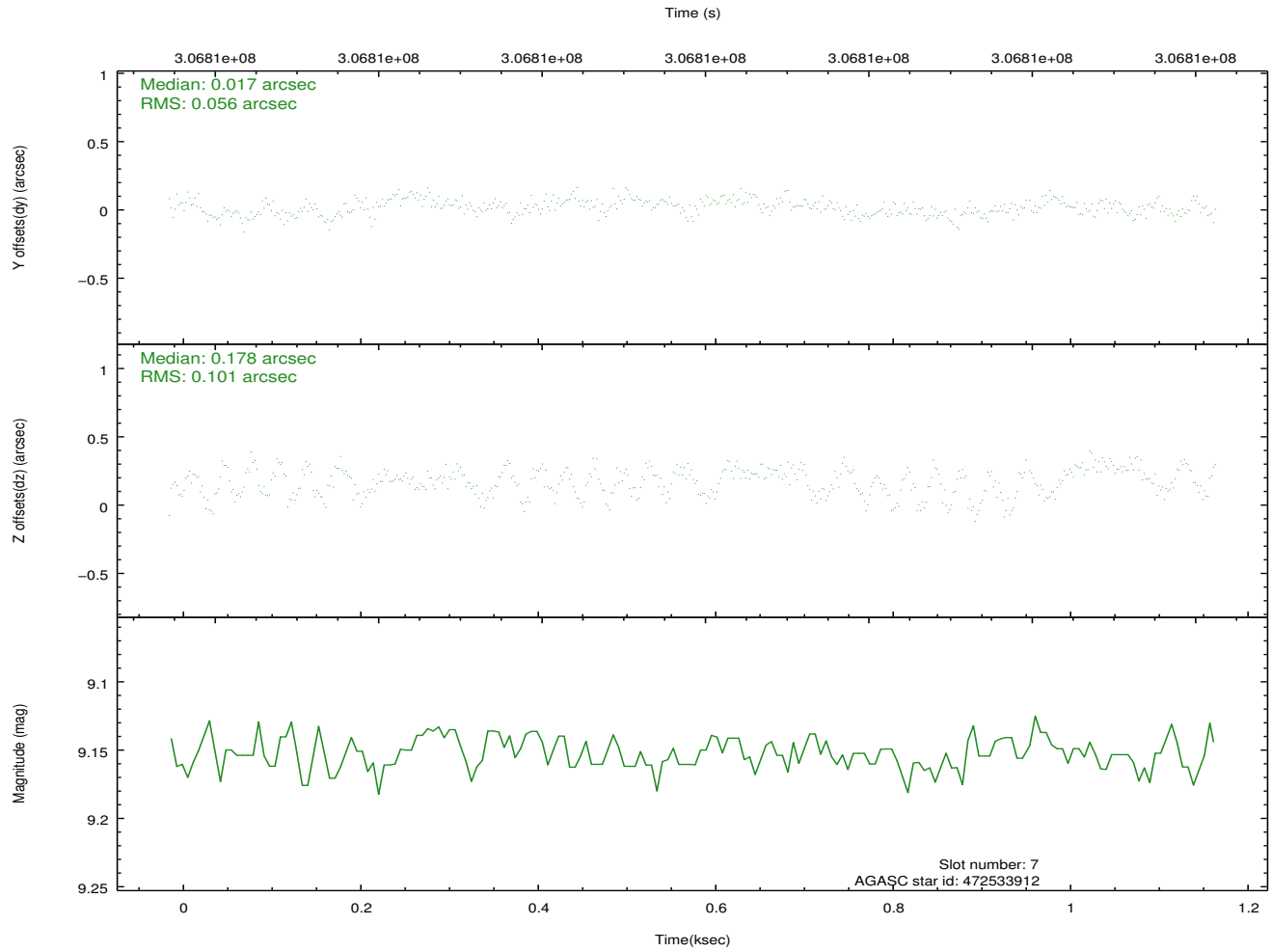
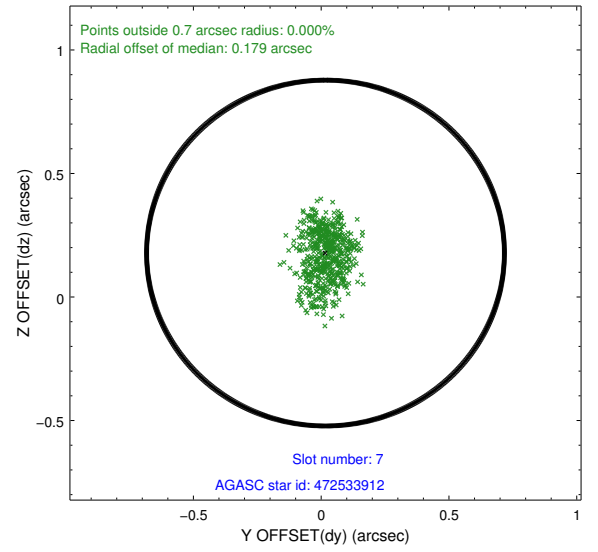
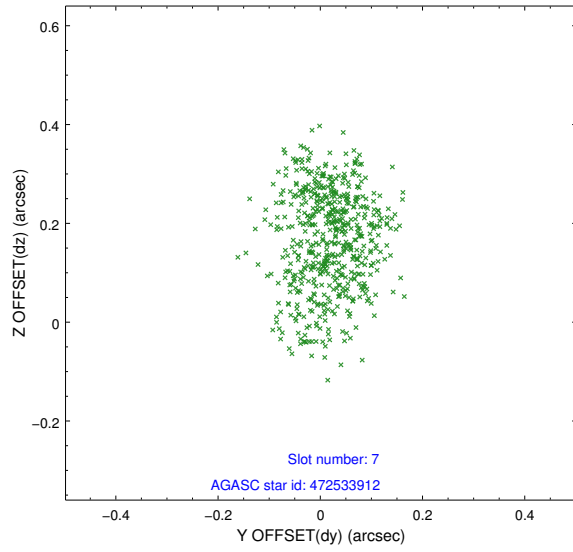
2.4.3 Slot 5



2.4.4 Slot 6

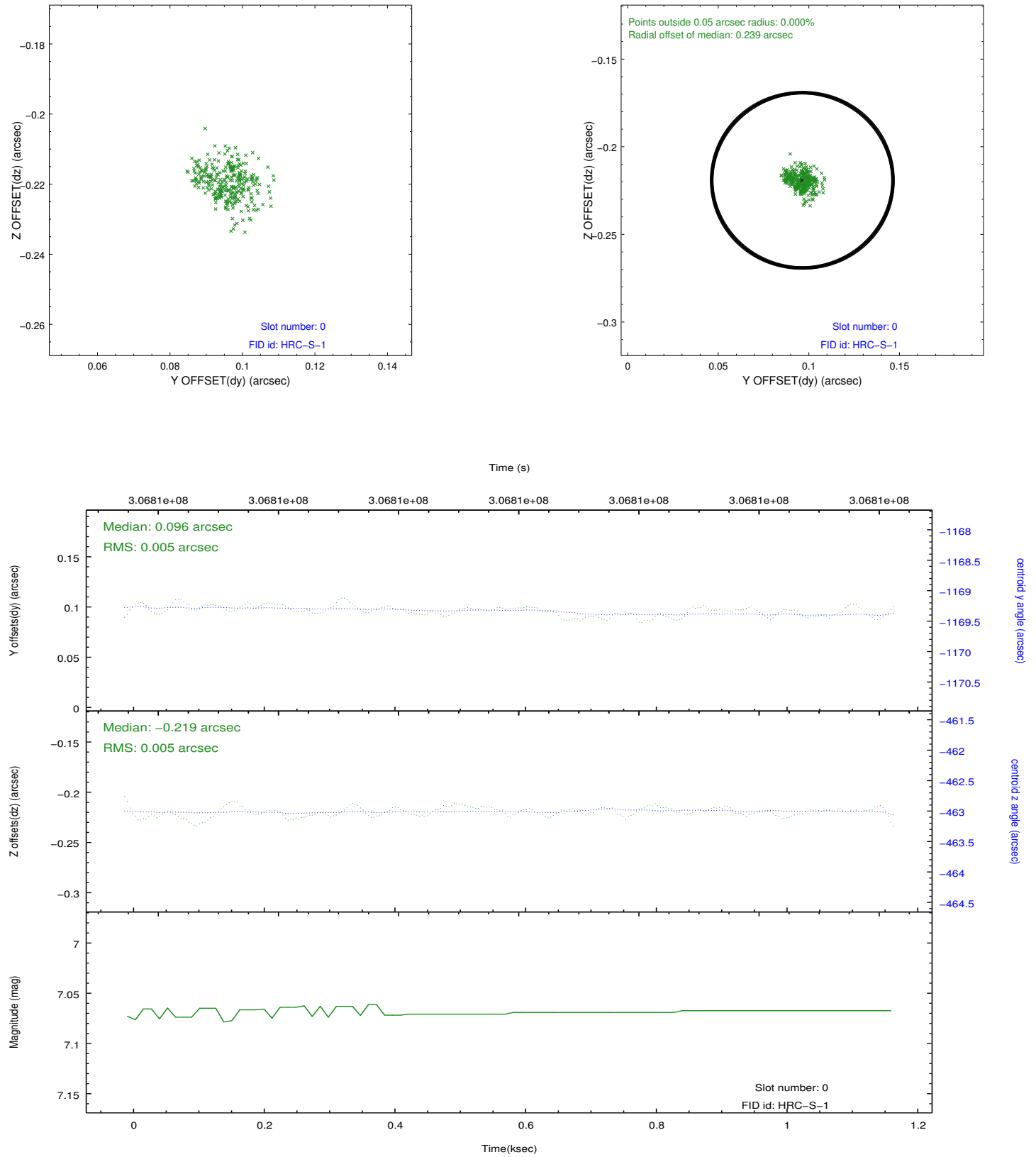


2.4.5 Slot 7

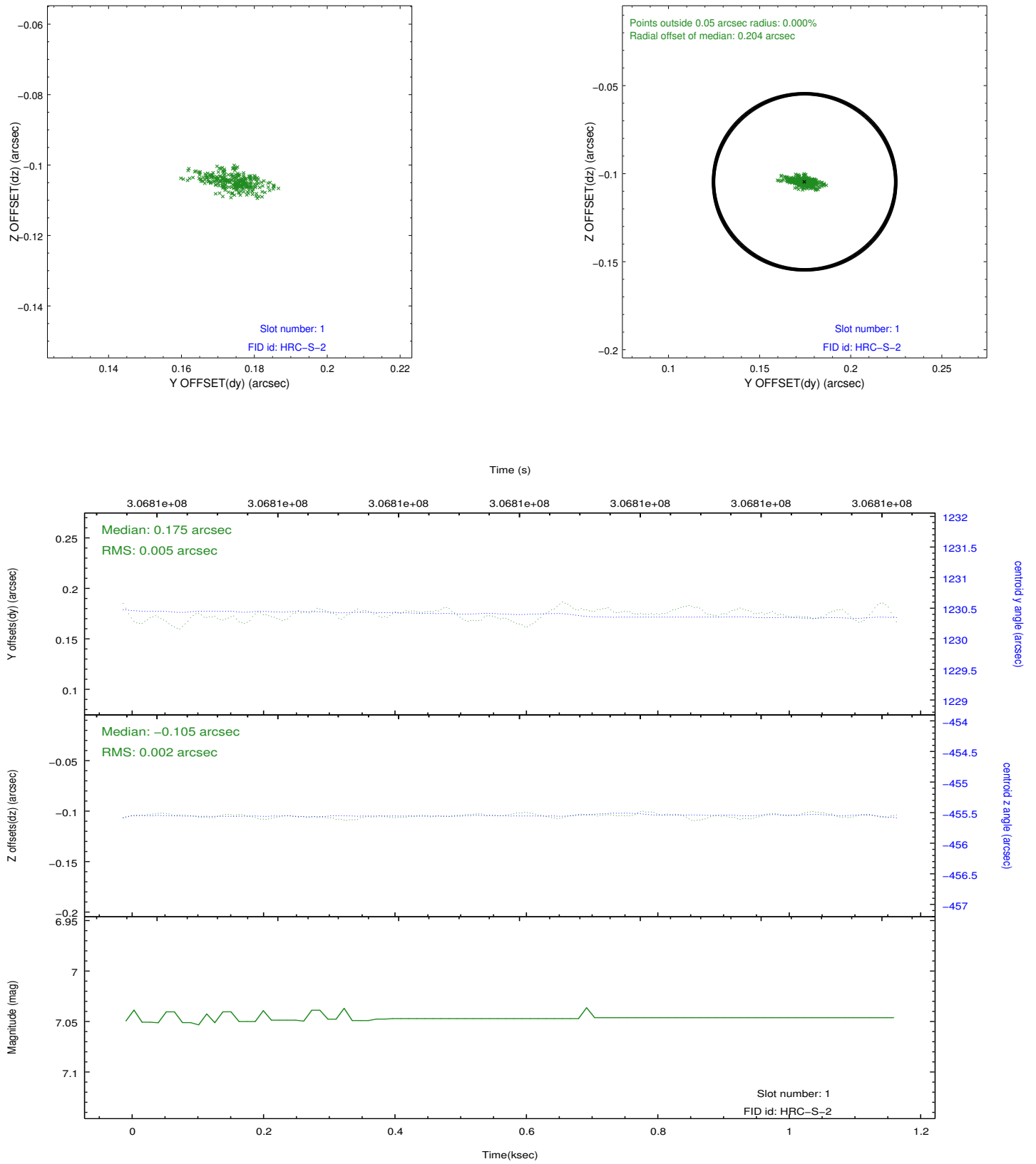


2.5 FID Slots

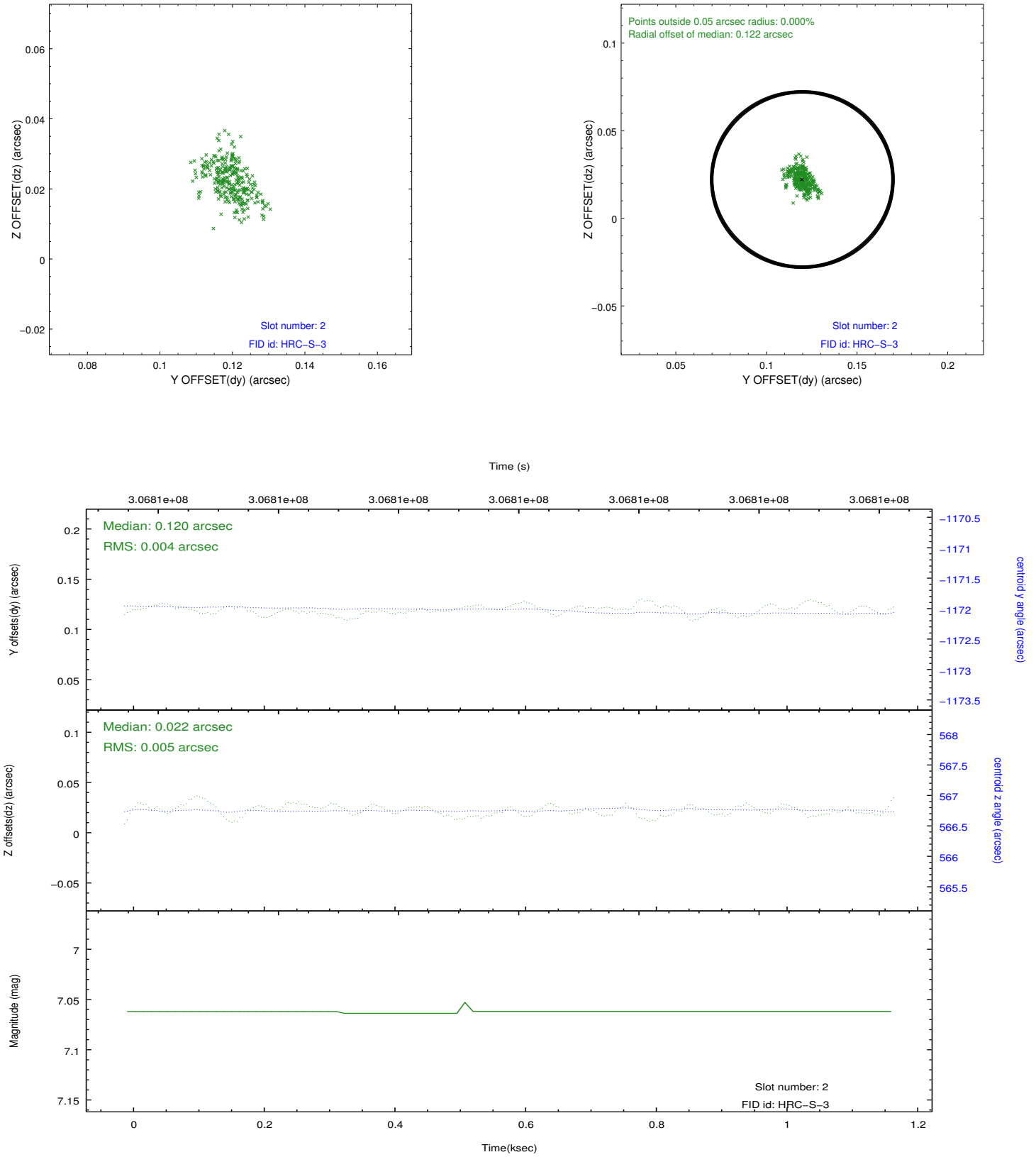
2.5.1 Slot 0



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	1.1513313

A.2 Comments