

V&V Reference Report

L2 ASCDS Version : 8.3.2.1

Observation 1320 - L2 Version 4

Chandra X-Ray Center

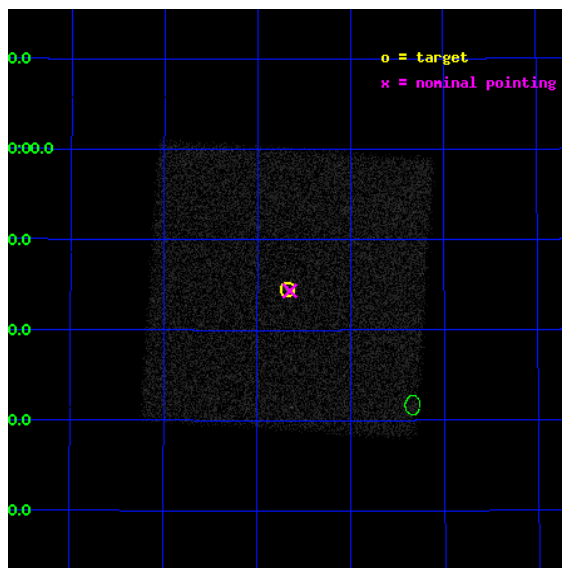
L2 Processing Date : Sep 28 2010

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1 Front

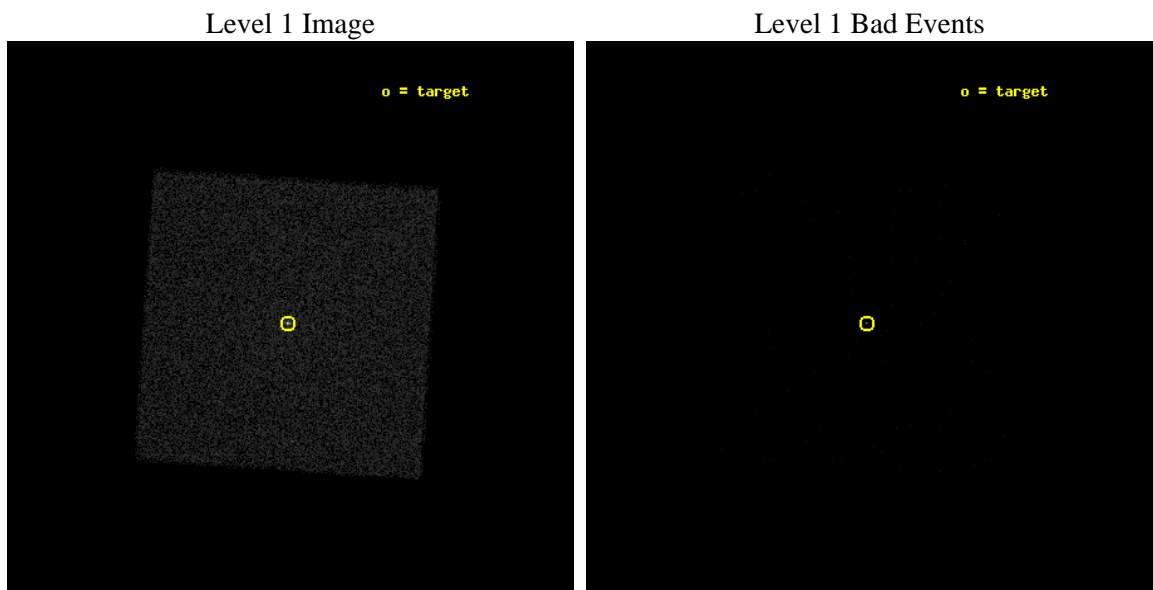
seq_num	280270	Sequence number
obs_id	1320	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.1701	Observer's specified target RA
dec_targ	45.7423	Observer's specified target Dec
ra_nom	332.16279994846	Nominal RA
dec_nom	45.739513556559	Nominal Dec
roll_nom	228.76333312505	Nominal Roll
revision	4	Processing version of data
ontime	1273.3062958792	[s]
livetime	1264.3895659229	Ontime multiplied by DTCOR
l2events	41652	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	Scheduled observation exposure time
ascdsver	8.3.2.1	Processing system revision	ontime	1273.3062958792	[s]
caldbver	4.3.1	 	l1events	69020	Number of level 1 events
date	2010-09-28T15:15:32	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

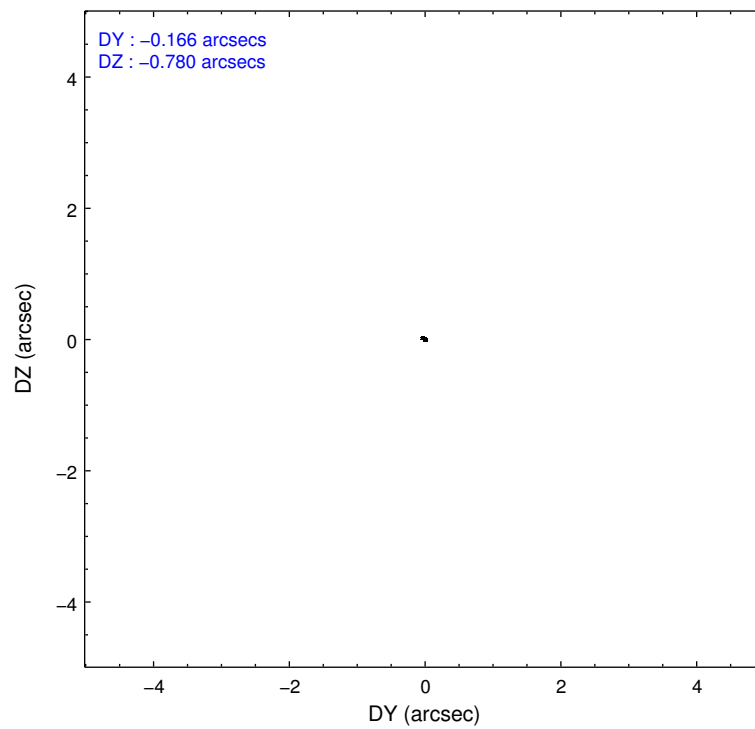
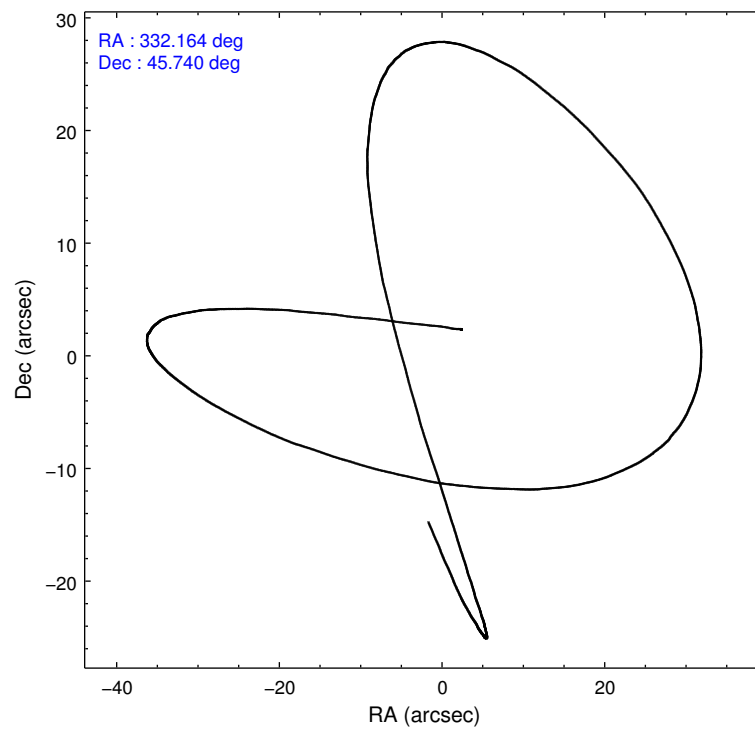
Level 1 Events

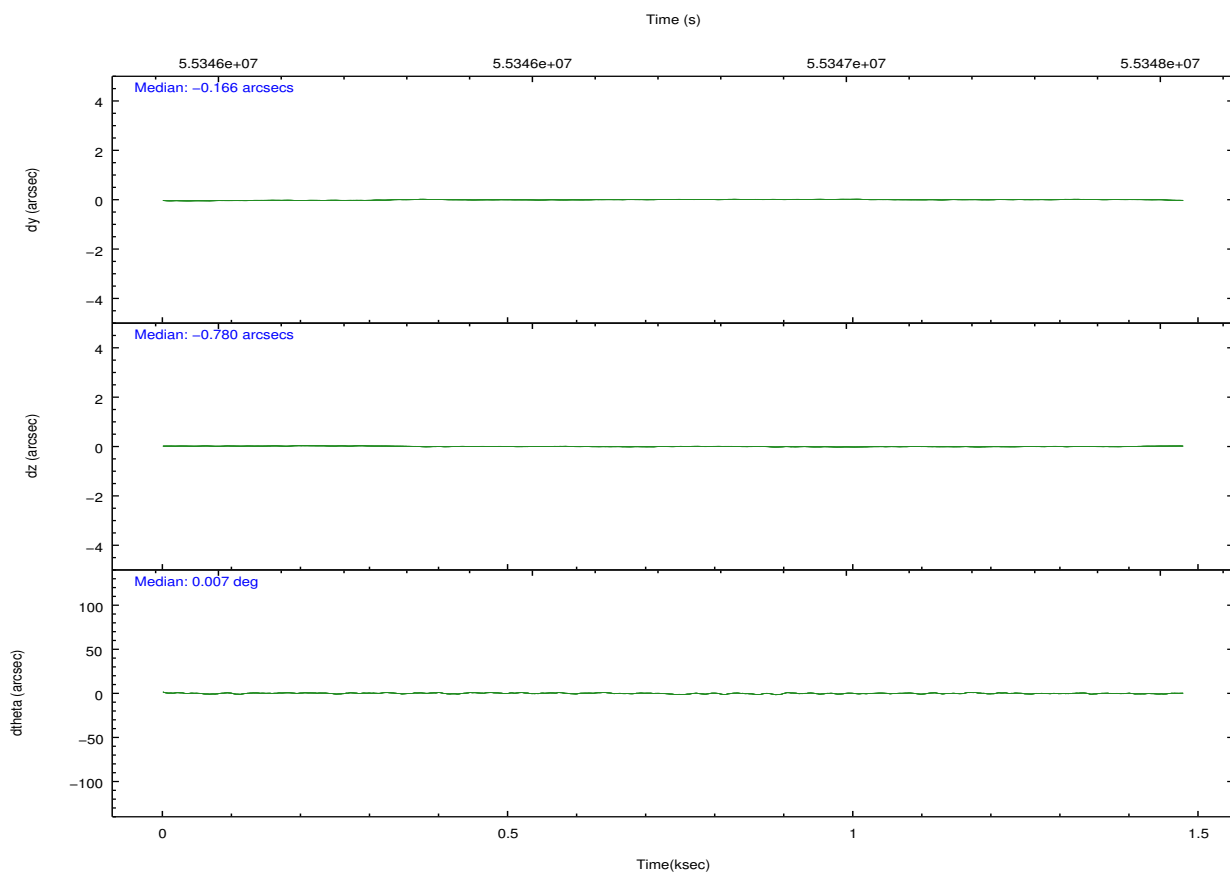
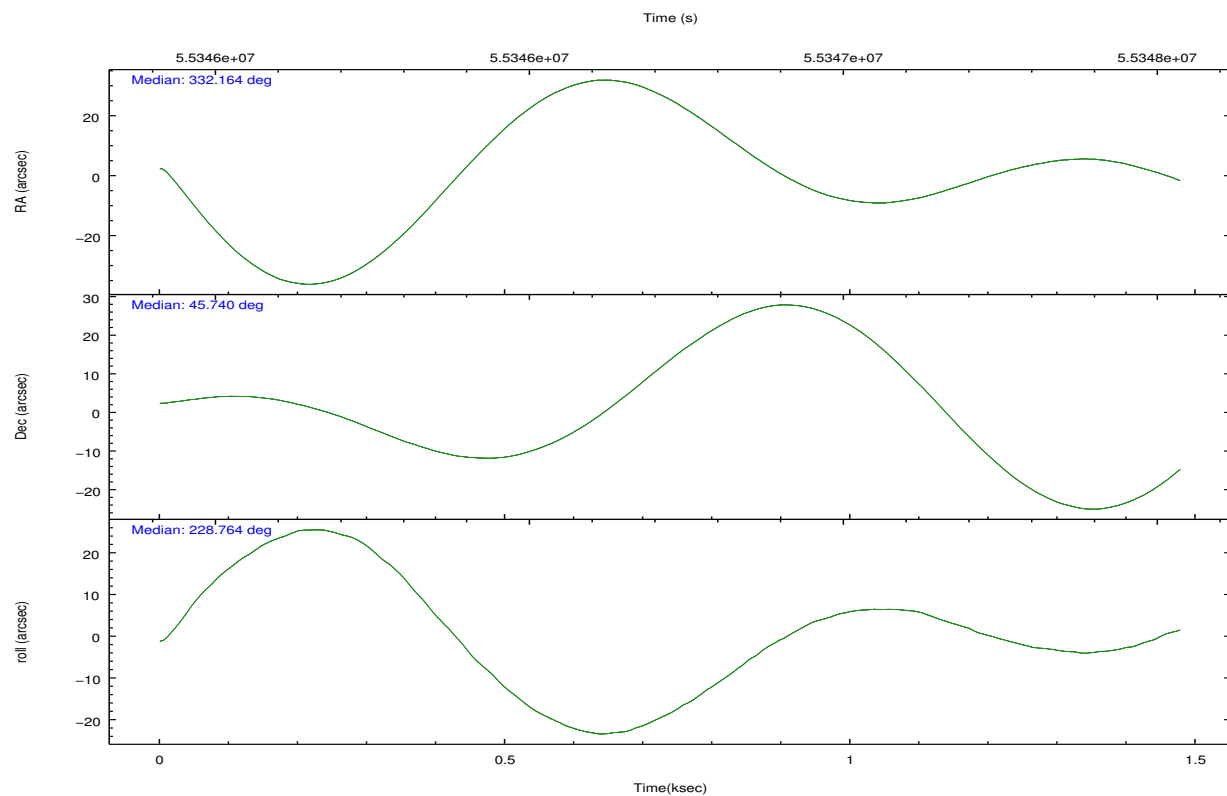
	segment 0
level 1 events	69020
rejected events	2755
rejected %	3%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	332.171422	332.1627999484618			
Pointing Dec	45.767158	45.73951355655855			
Pointing Roll	228.852595	228.7633331250457			
SIM focus pos (mm)	-0.040293	-0.2342646132009995			
SIM defocus (mm)	1	0.806028007457875			
SIM translation stage pos (mm)	126.985494	126.9854943052878			
SIM translation stage offset (mm)	0	-5.413686238853188e-06			
Observation start time	55346464.184000	55345797.731279			
Observation start date	1999-10-03T14:00:00	1999-10-03T13:49:57			
Observation end time	55347464.184000	55347597.631344			
Observation end date	1999-10-03T14:16:40	1999-10-03T14:19:57			

2.3 Aspect



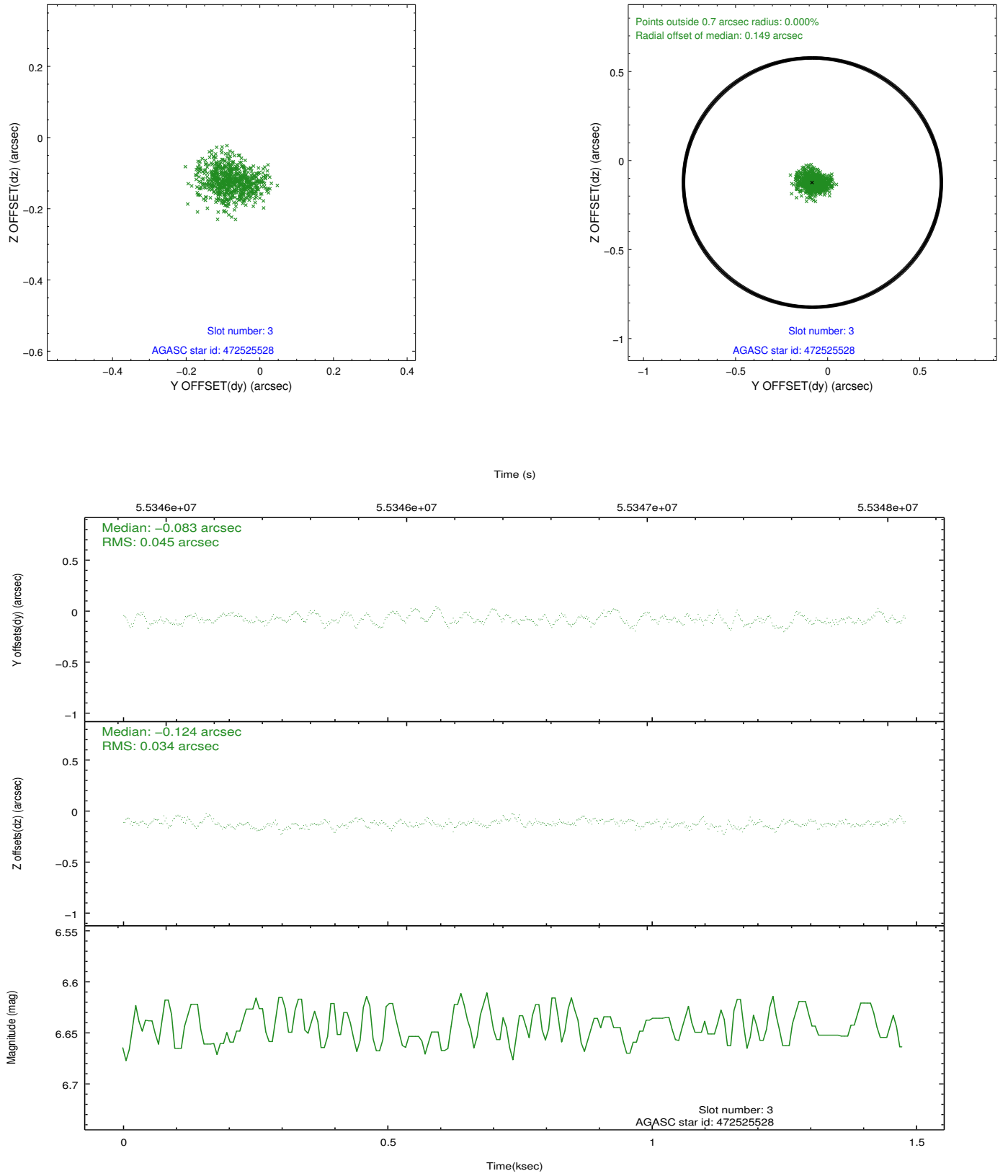


Slot Statistics

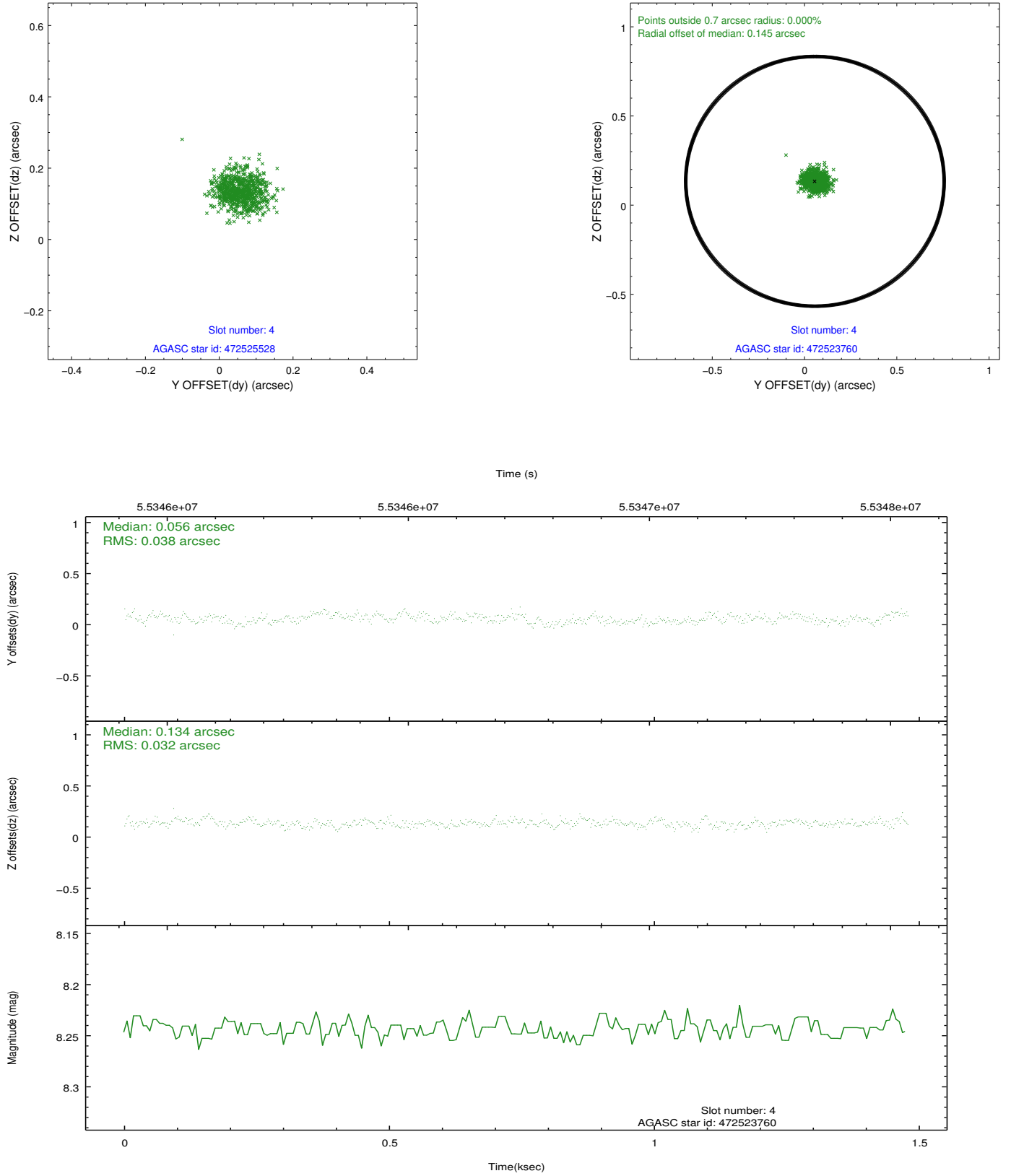
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.93	722	0.036	-0.000	0.007	0.011	0.000000	0.000000	-755.21	-1287.03
1	FID	HRC-I-3	7.02	722	0.062	-0.055	0.008	0.013	0.000000	0.000000	-1184.82	1015.87
2	FID	HRC-I-4	6.96	722	0.016	-0.034	0.006	0.009	0.000000	0.000000	1286.02	1016.76
3	GUIDE	472525528	6.65	722	-0.083	-0.124	0.059	0.096	331.551102	45.248694	2432.80	38.85
4	GUIDE	472523760	8.24	722	0.056	0.134	0.055	0.085	331.645363	45.403260	1859.00	-143.20
5	GUIDE	472665256	9.00	722	0.006	-0.058	0.061	0.107	332.808125	46.195041	-2208.65	175.60
6	GUIDE	472659832	9.46	722	0.002	0.036	0.089	0.133	332.780399	46.098139	-1907.50	356.01
7	GUIDE	472655152	9.43	715	0.012	0.005	0.088	0.141	332.504239	45.862991	-815.20	399.44

2.4 Star Slots

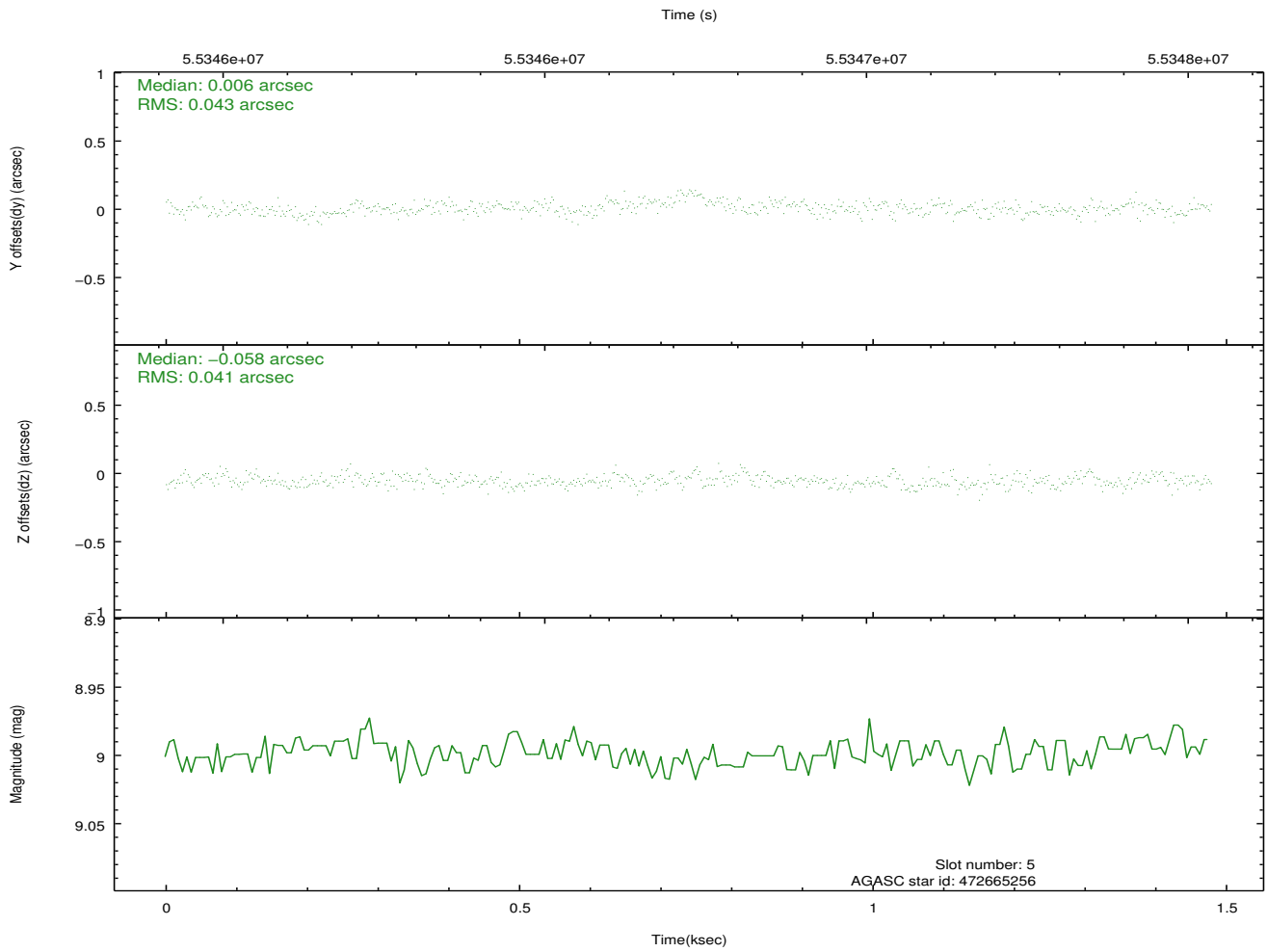
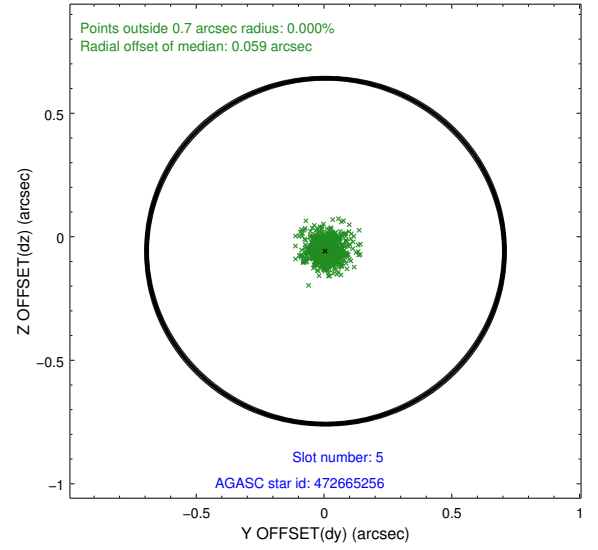
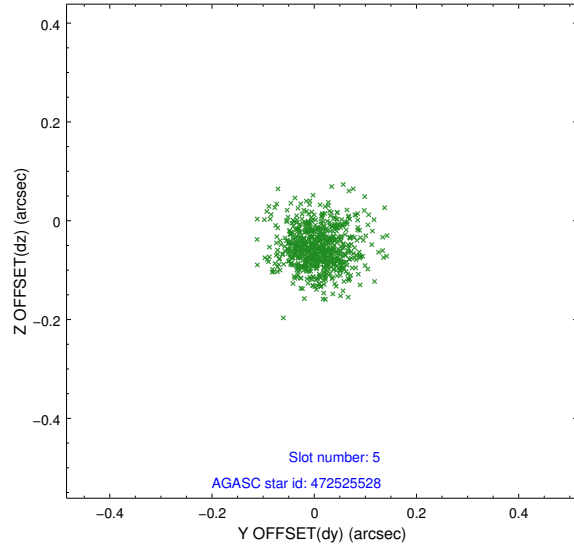
2.4.1 Slot 3



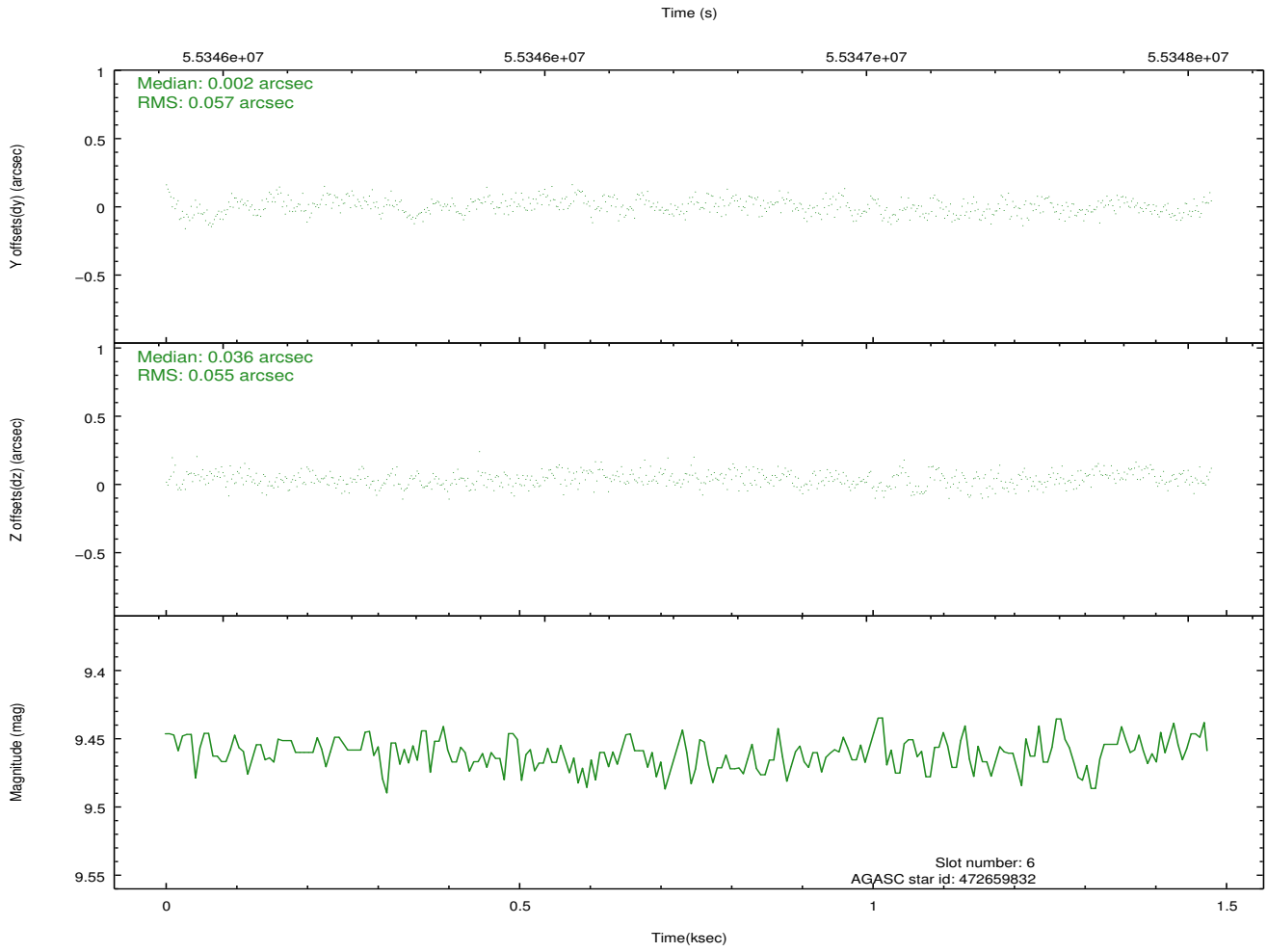
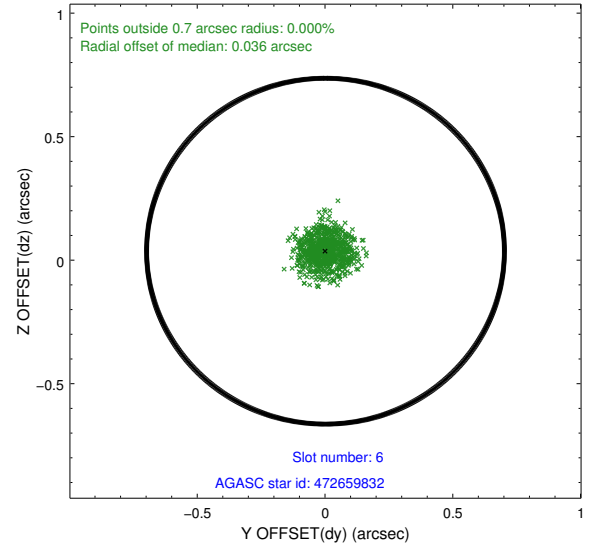
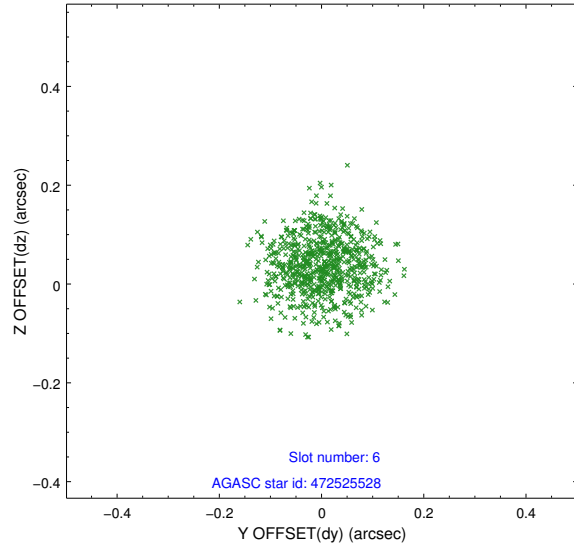
2.4.2 Slot 4



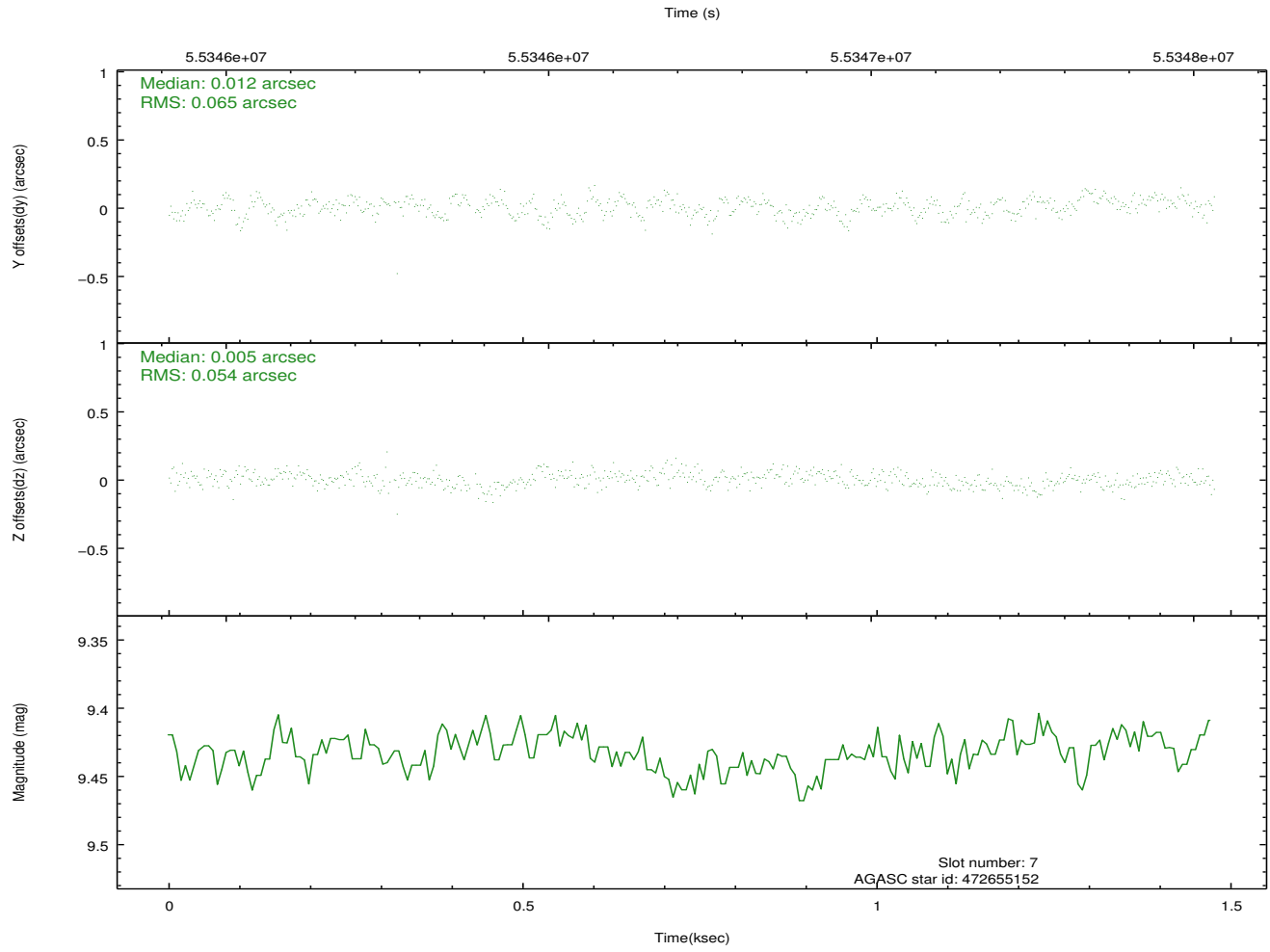
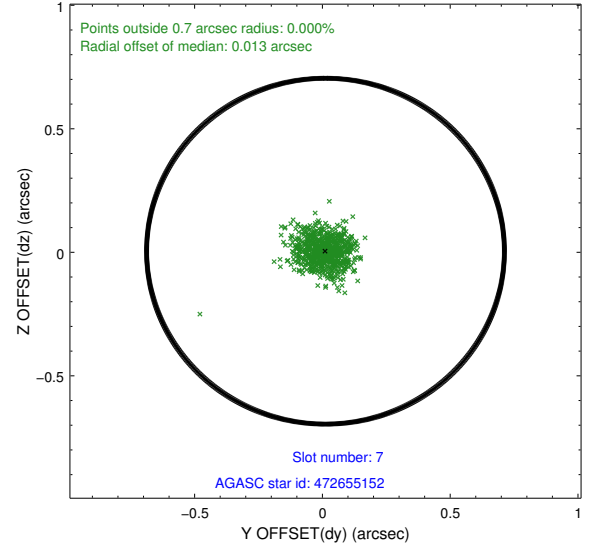
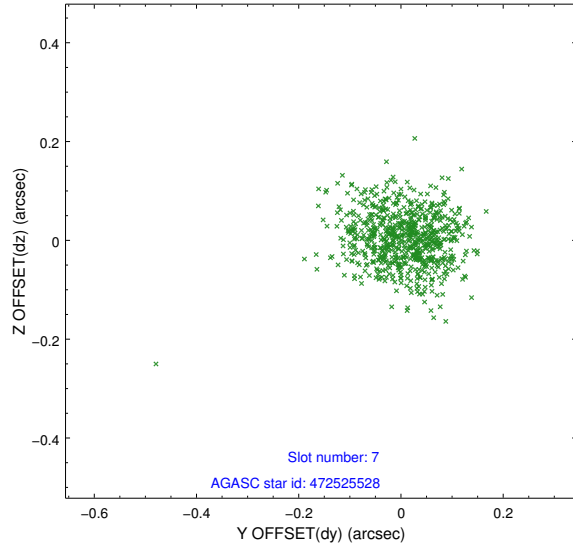
2.4.3 Slot 5



2.4.4 Slot 6

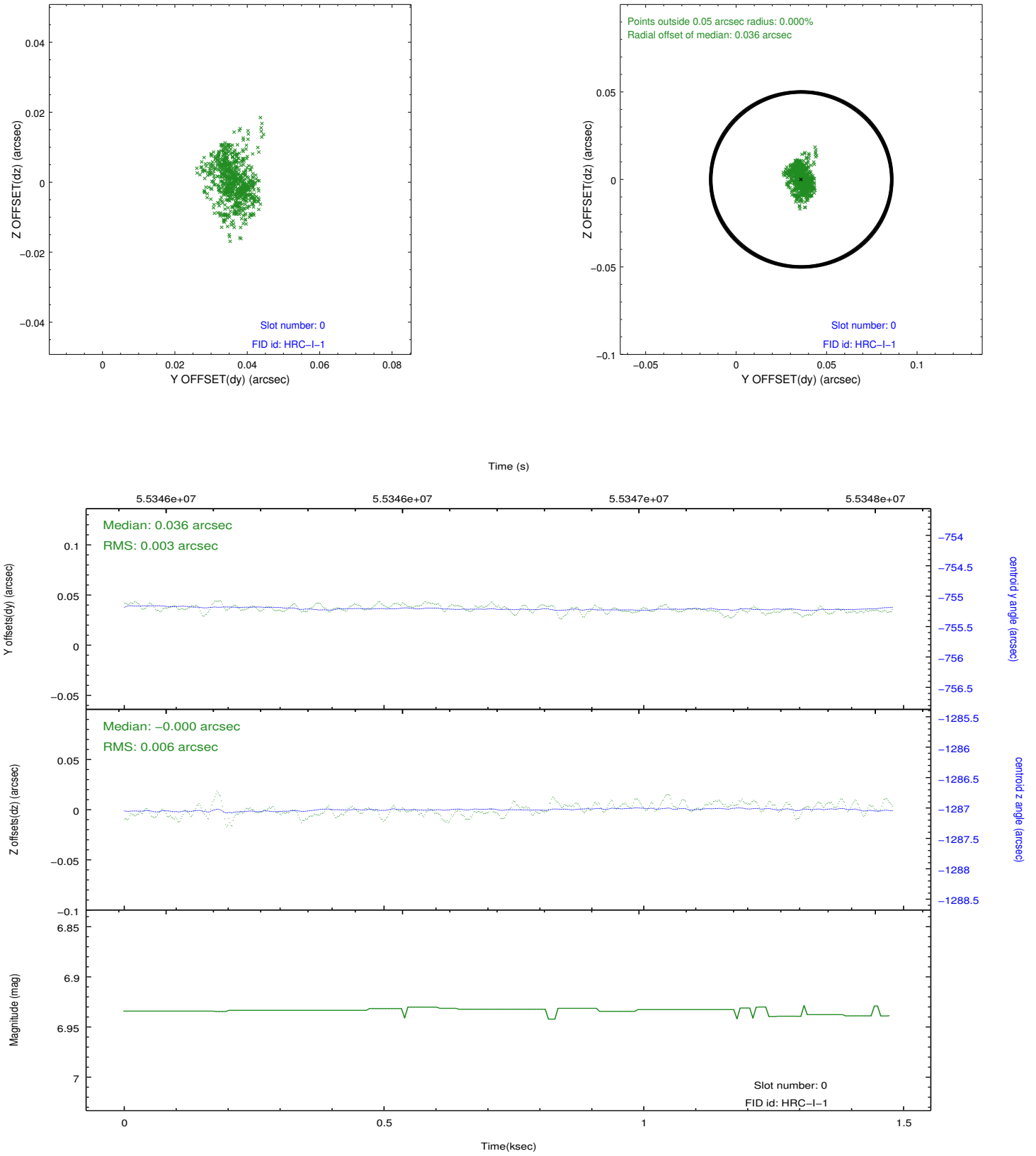


2.4.5 Slot 7

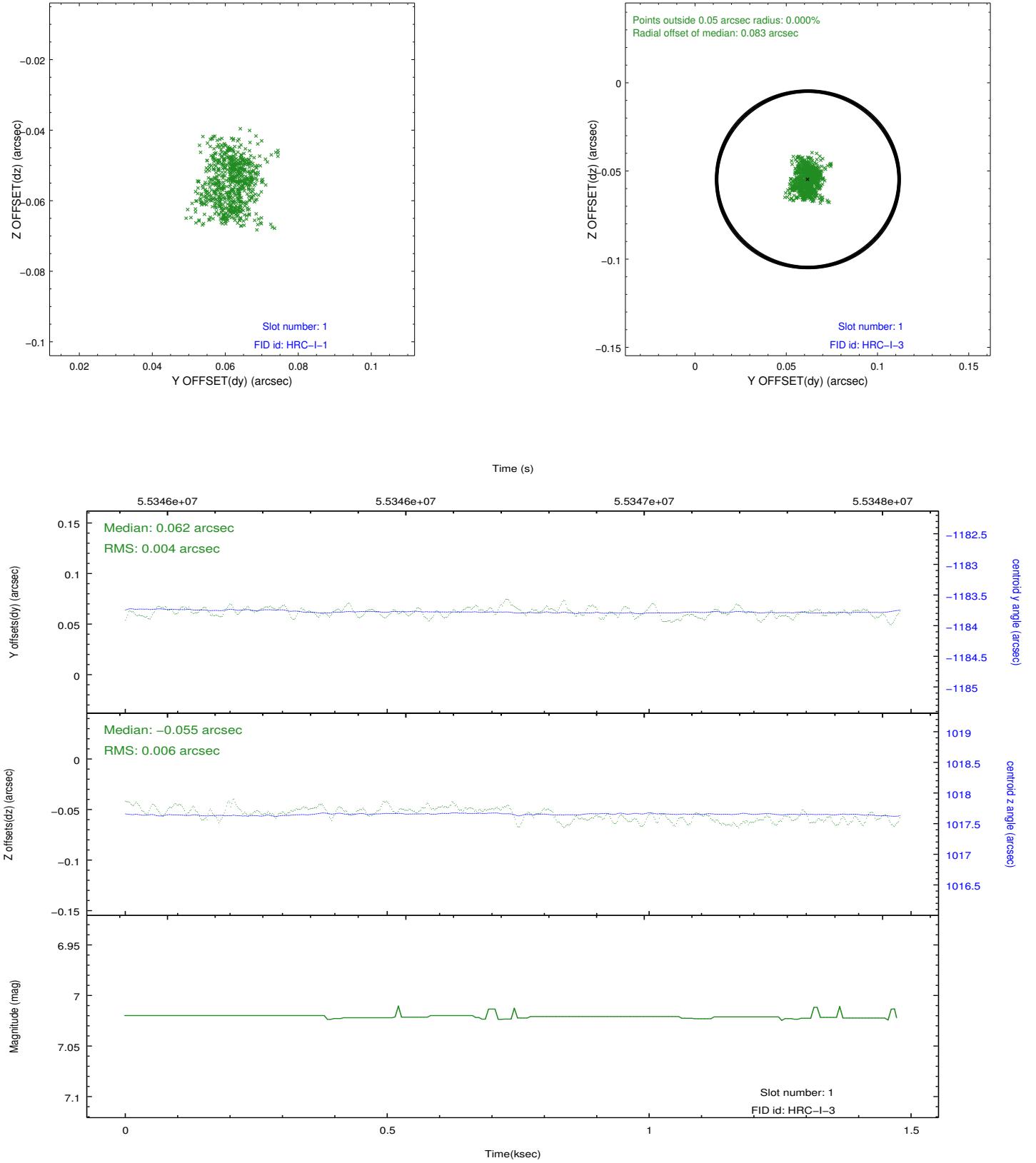


2.5 FID Slots

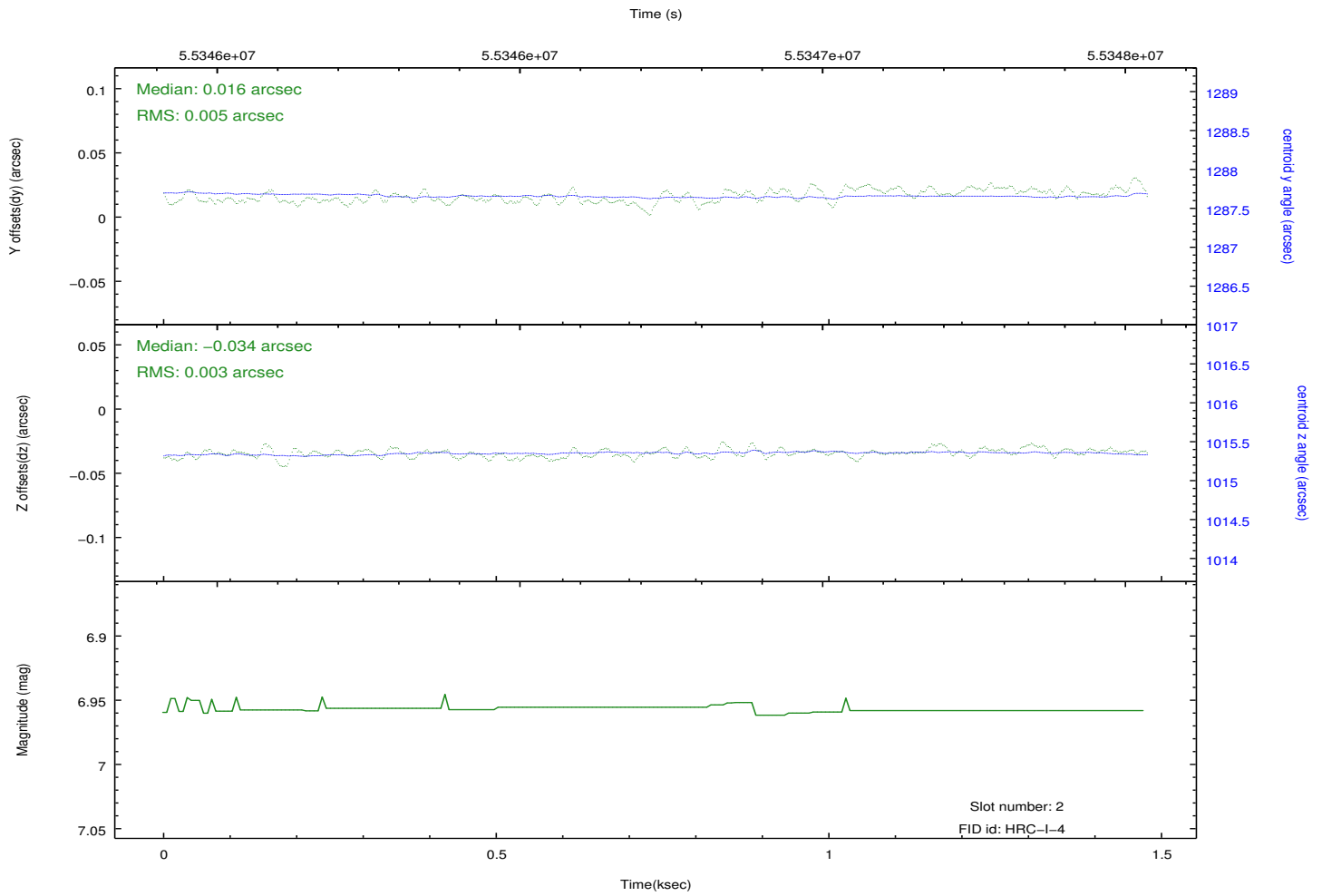
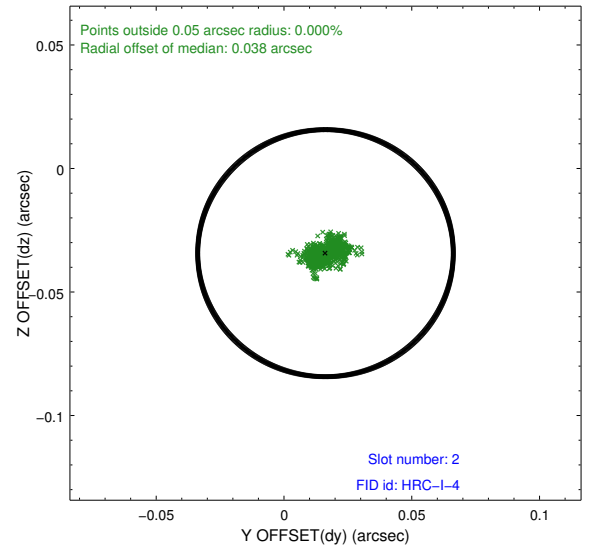
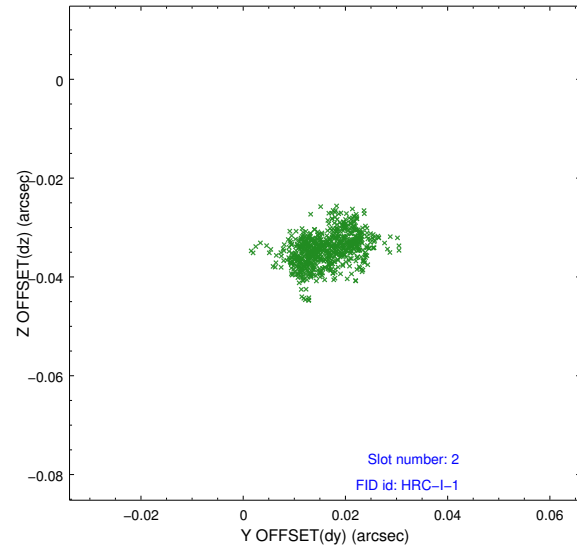
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

18.79 arcmin



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.09.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.273

A.2 Comments

AR Lac observation to study HRC-I spatial gain dependence. Source slightly off-axis.