

V&V Reference Report

L2 ASCDS Version : 8.1.1

Observation 1382 - L2 Version 5

Chandra X-Ray Center

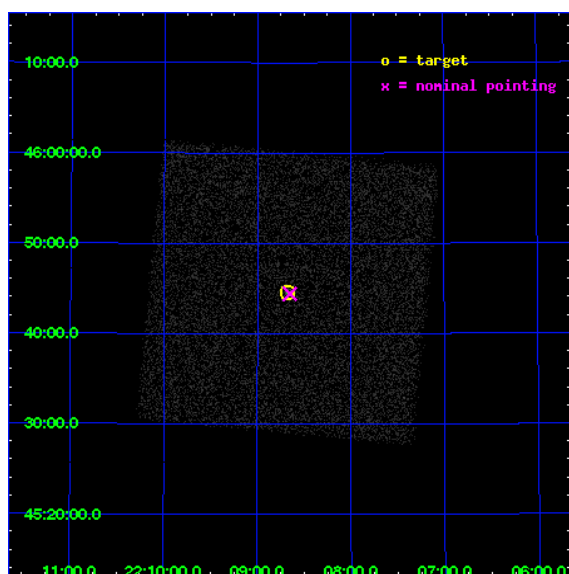
L2 Processing Date : Apr 28 2010

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1 Front

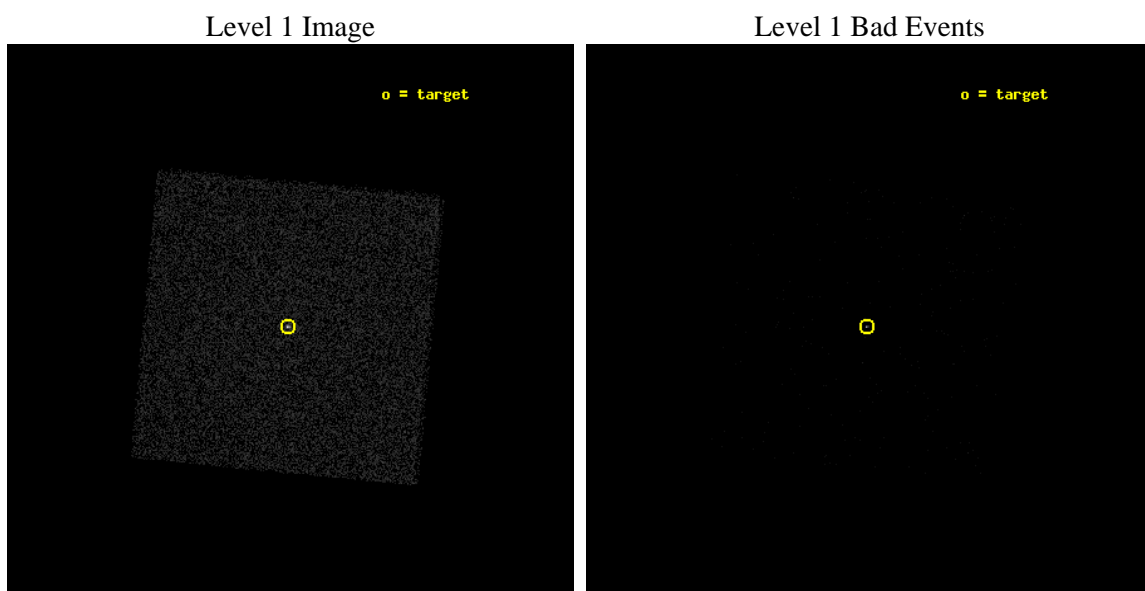
seq_num	280332	Sequence number
obs_id	1382	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.1701	Observer's specified target RA
dec_targ	45.7423	Observer's specified target Dec
ra_nom	332.16302179072	Nominal RA
dec_nom	45.740266638436	Nominal Dec
roll_nom	230.44425520147	Nominal Roll
revision	5	Processing version of data
ontime	678.55002444237	[s]
livetime	673.65568709832	Ontime multiplied by DTCOR
l2events	21585	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	10000.000000	Scheduled observation exposure time
ascdsver	8.2.1	Processing system revision	ontime	678.55002444237	[s]
caldbver	4.1.7	 	ll events	41610	Number of level 1 events
date	2010-04-28T13:21:51	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

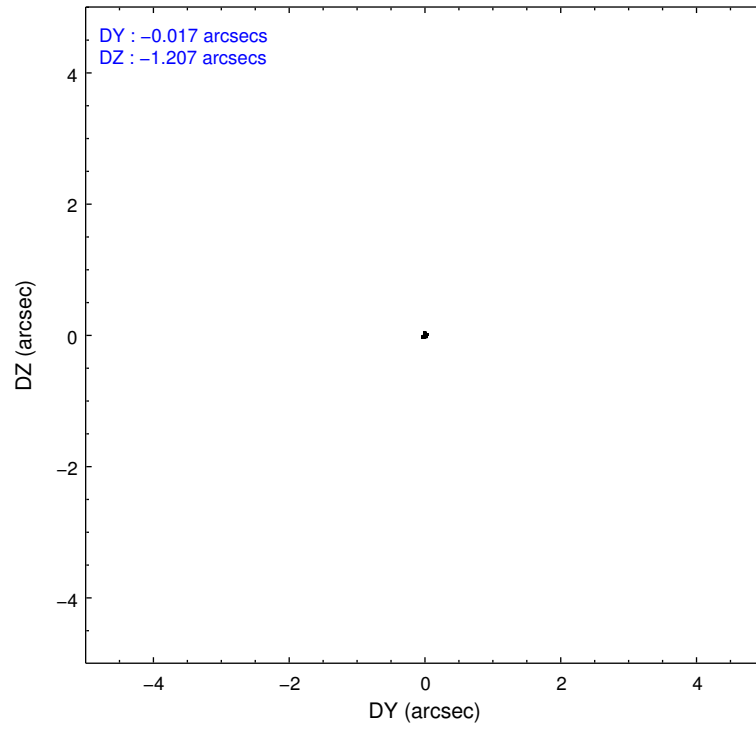
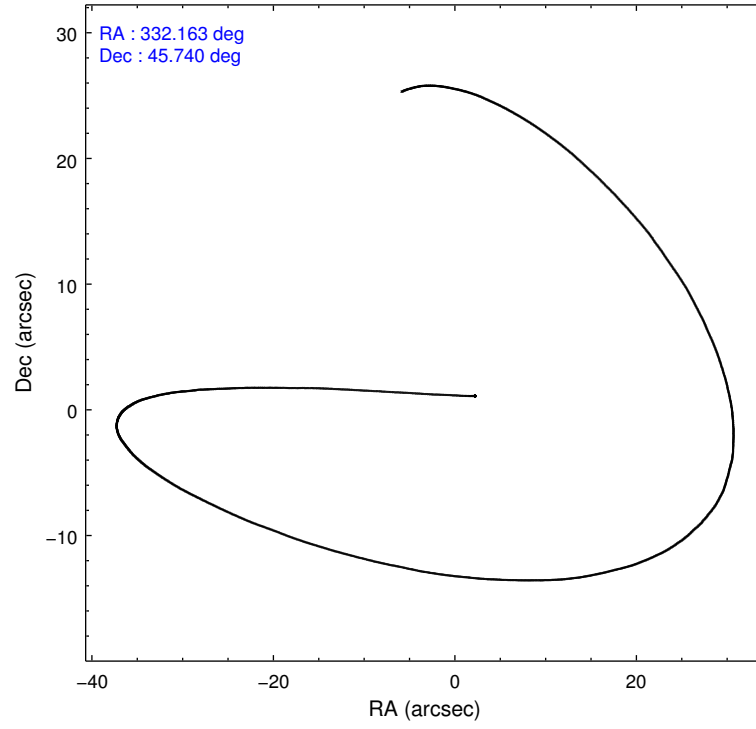
Level 1 Events

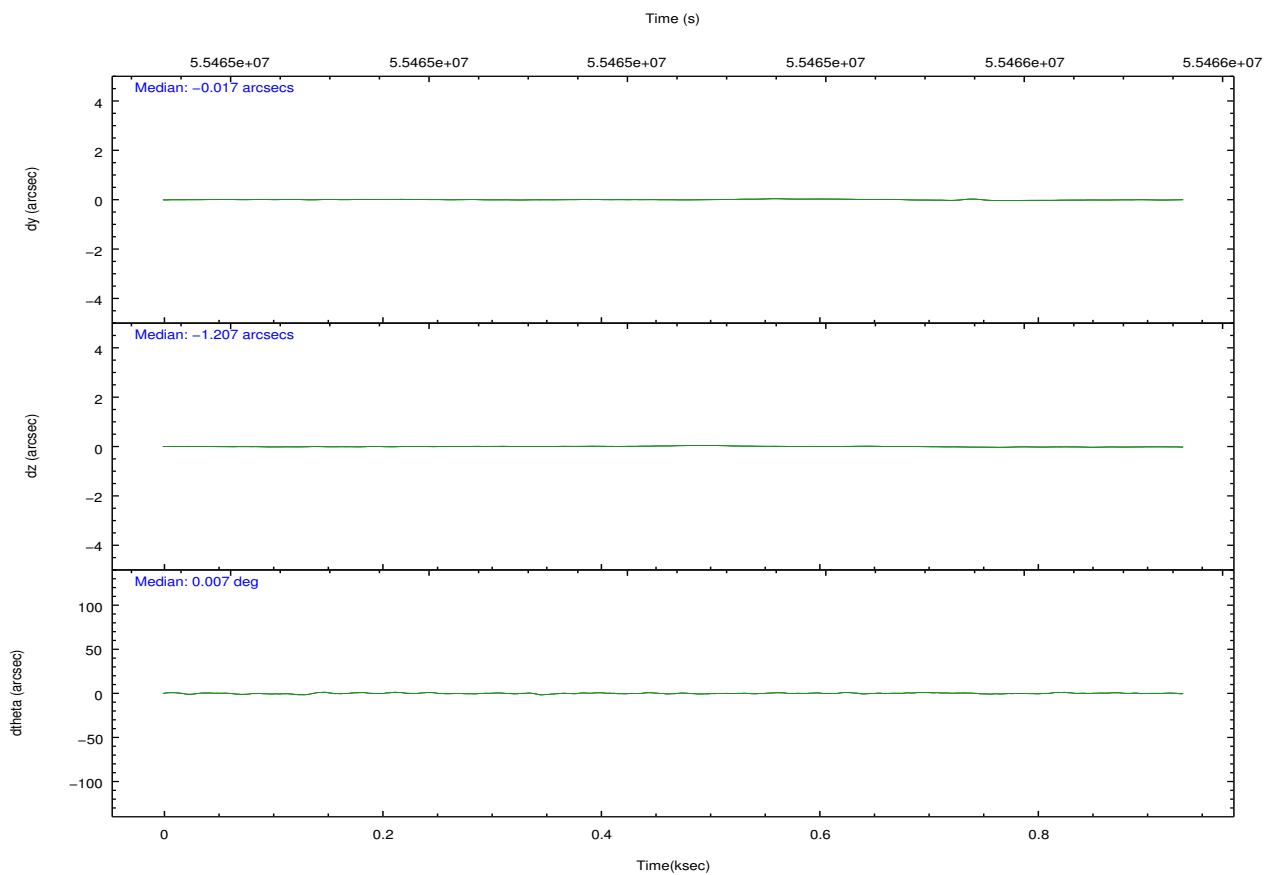
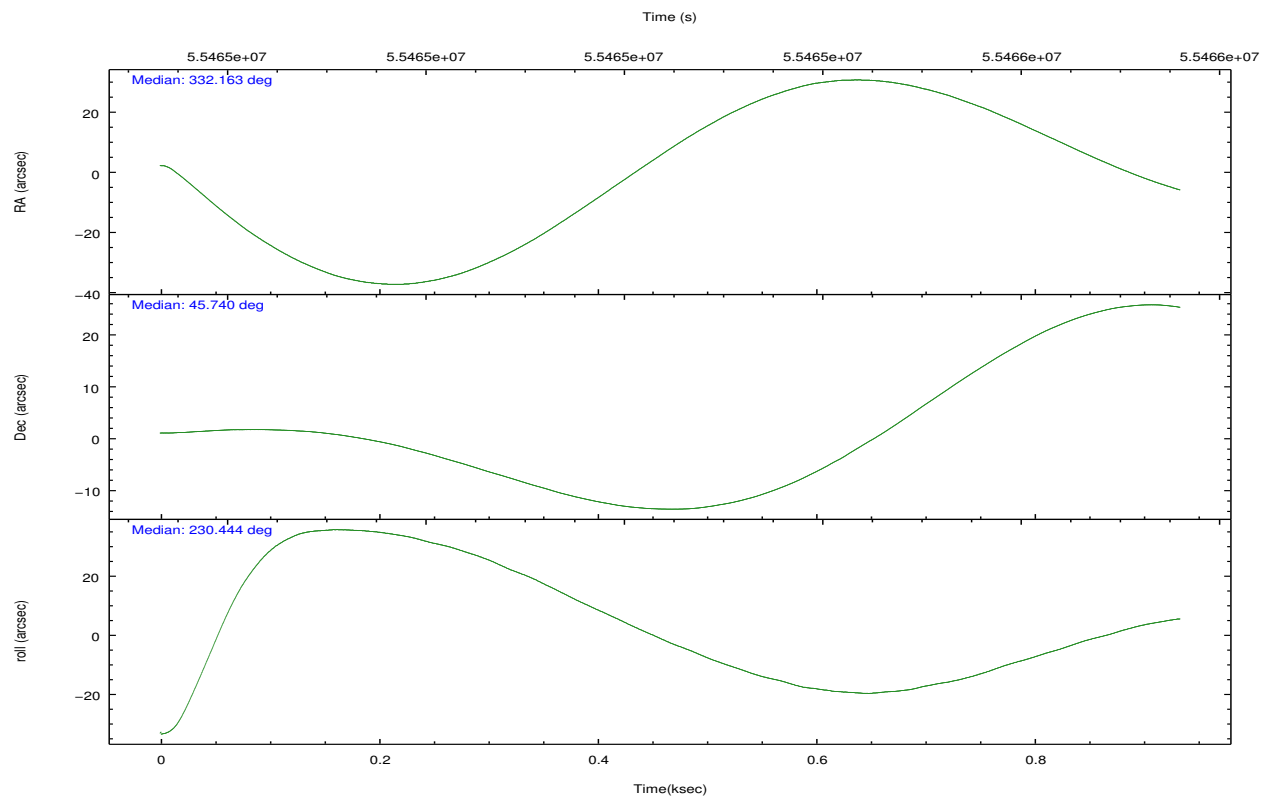
	segment 0
level 1 events	41610
rejected events	5205
rejected %	12%

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	332.170381	332.1630217907163			
Pointing Dec	45.767178	45.74026663843591			
Pointing Roll	230.534662	230.4442552014662			
SIM focus pos (mm)	-1.040293	-1.209467346227443			
SIM defocus (mm)	0	-0.1691747255685685			
SIM translation stage pos (mm)	126.985494	126.9854943052878			
SIM translation stage offset (mm)	0	-5.413686238853188e-06			
Observation start time	55465264.184000	55464597.798059			
Observation start date	1999-10-04T23:00:00	1999-10-04T22:49:57			
Observation end time	55475264.184000	55465714.535599			
Observation end date	1999-10-05T01:46:40	1999-10-04T23:08:34			

2.3 Aspect



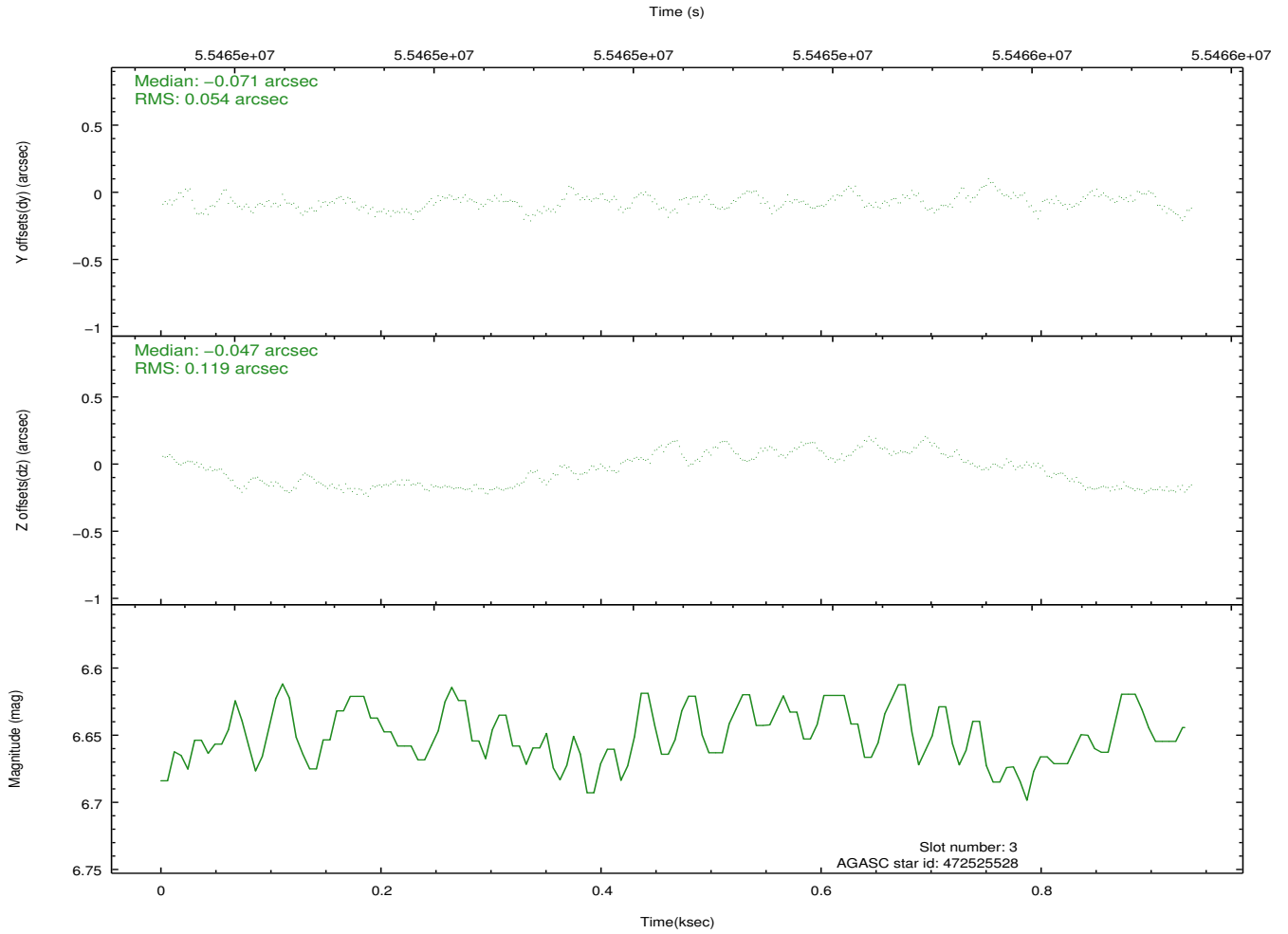
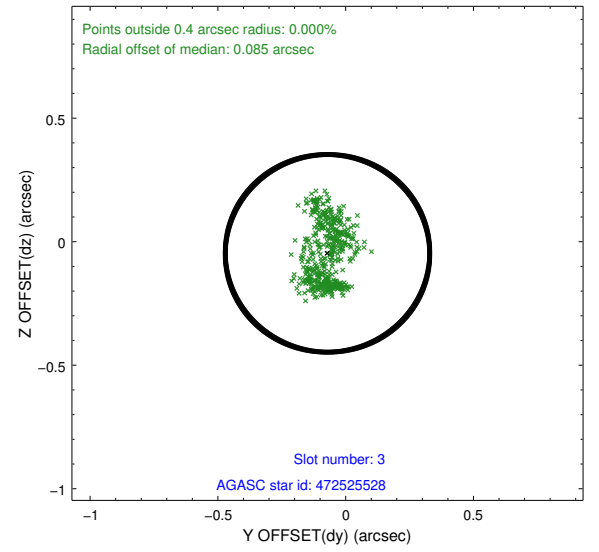
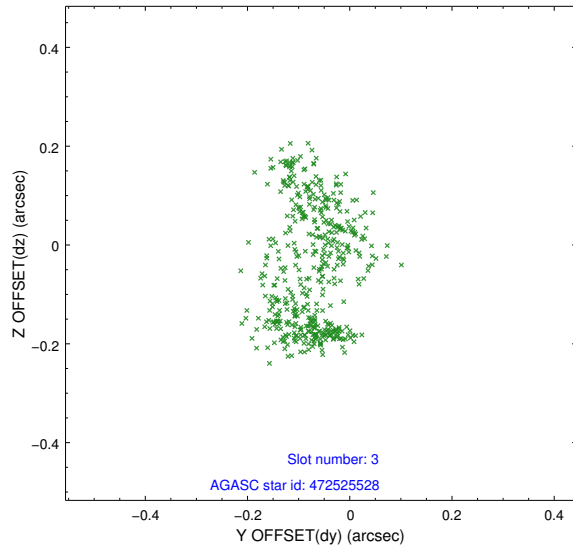


Slot Statistics

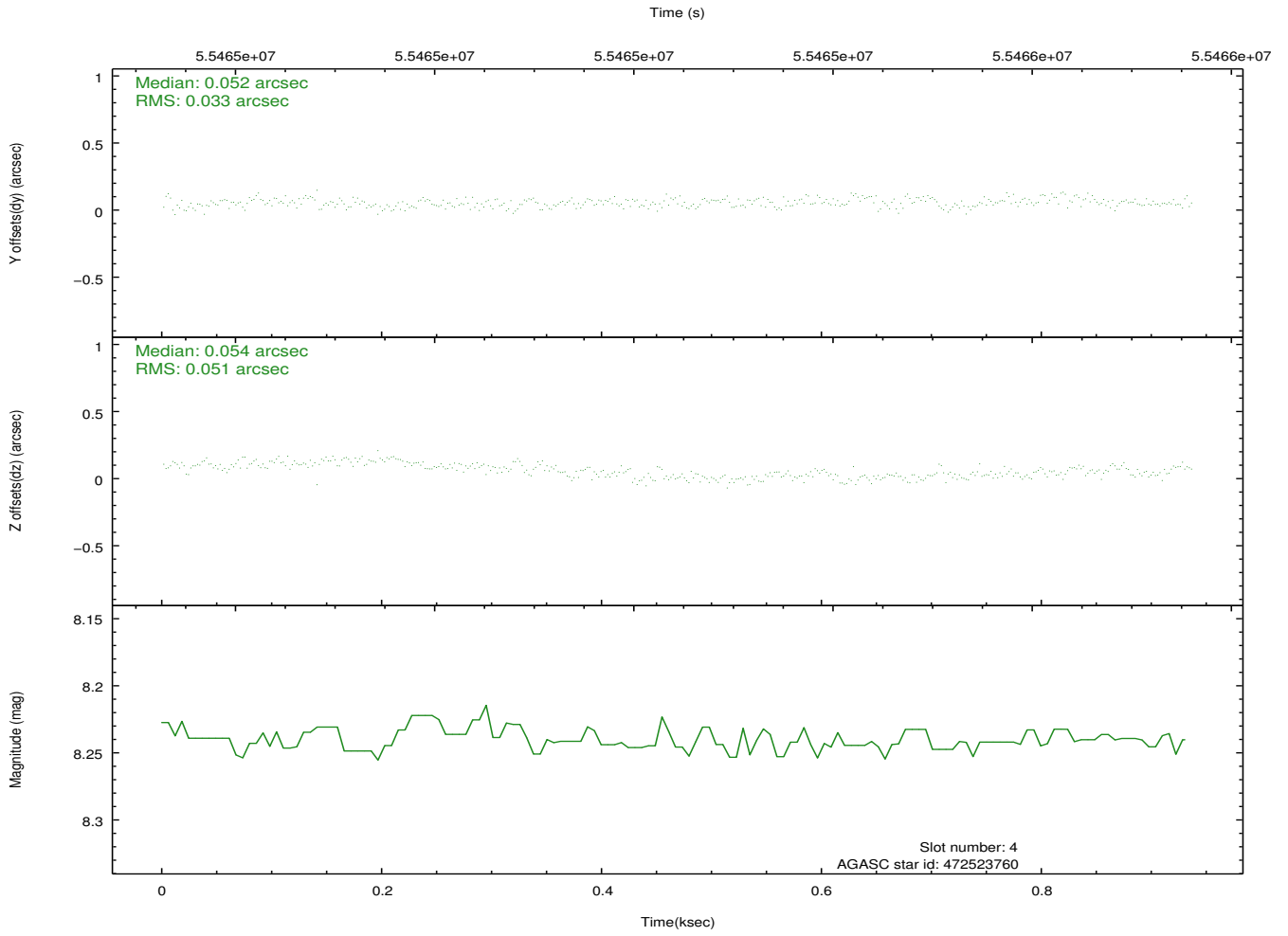
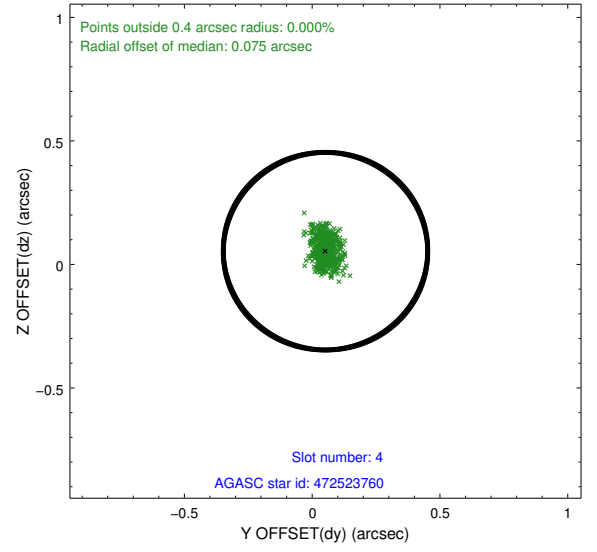
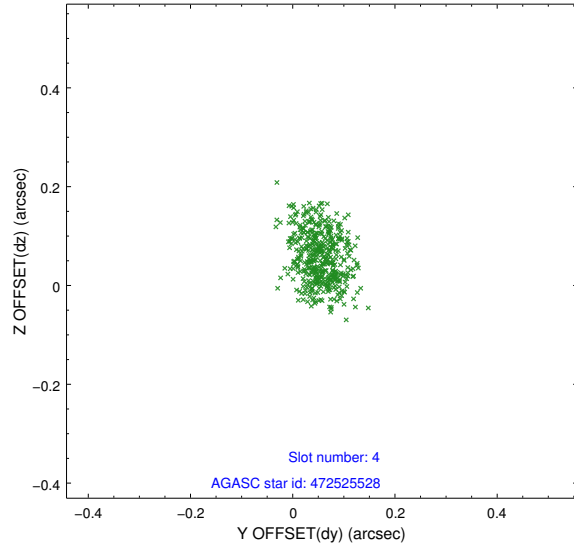
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	457	0.032	-0.060	0.011	0.026	0.000000	0.000000	-755.30	-1286.51
1	FID	HRC-I-3	7.06	457	0.024	-0.009	0.009	0.022	0.000000	0.000000	-1185.50	1015.24
2	FID	HRC-I-4	7.00	457	0.058	-0.020	0.010	0.023	0.000000	0.000000	1284.83	1017.93
3	GUIDE	472525528	6.65	457	-0.071	-0.047	0.142	0.211	331.551102	45.248694	2432.72	-26.75
4	GUIDE	472523760	8.24	457	0.052	0.054	0.066	0.104	331.645363	45.403260	1855.76	-192.05
5	GUIDE	472665256	9.00	457	0.007	-0.041	0.062	0.107	332.808125	46.195041	-2201.24	245.90
6	GUIDE	472659832	9.46	457	0.000	0.045	0.084	0.150	332.780399	46.098139	-1898.18	417.73
7	GUIDE	472655152	9.43	456	0.017	-0.006	0.095	0.160	332.504239	45.862991	-804.95	429.18

2.4 Star Slots

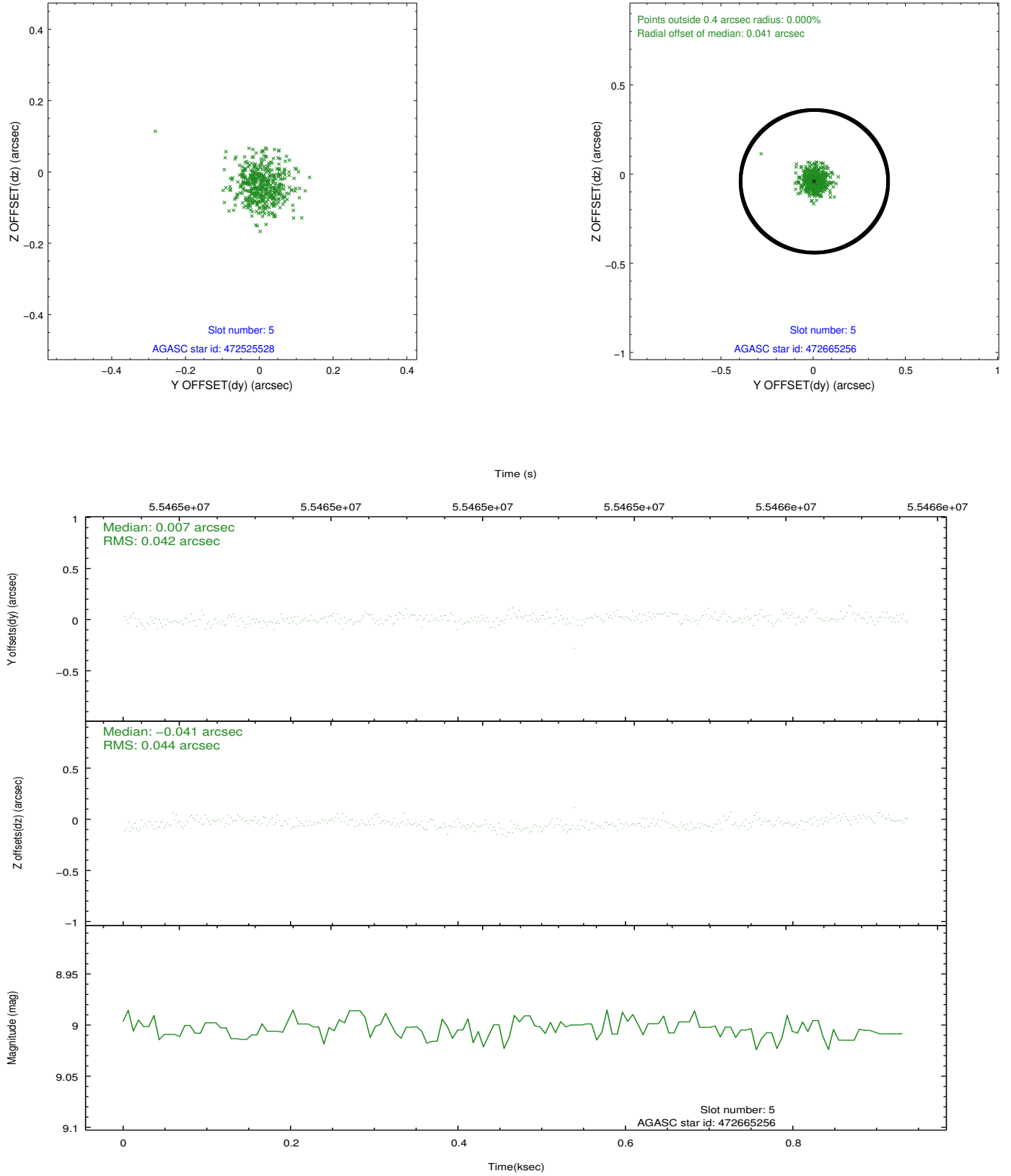
2.4.1 Slot 3



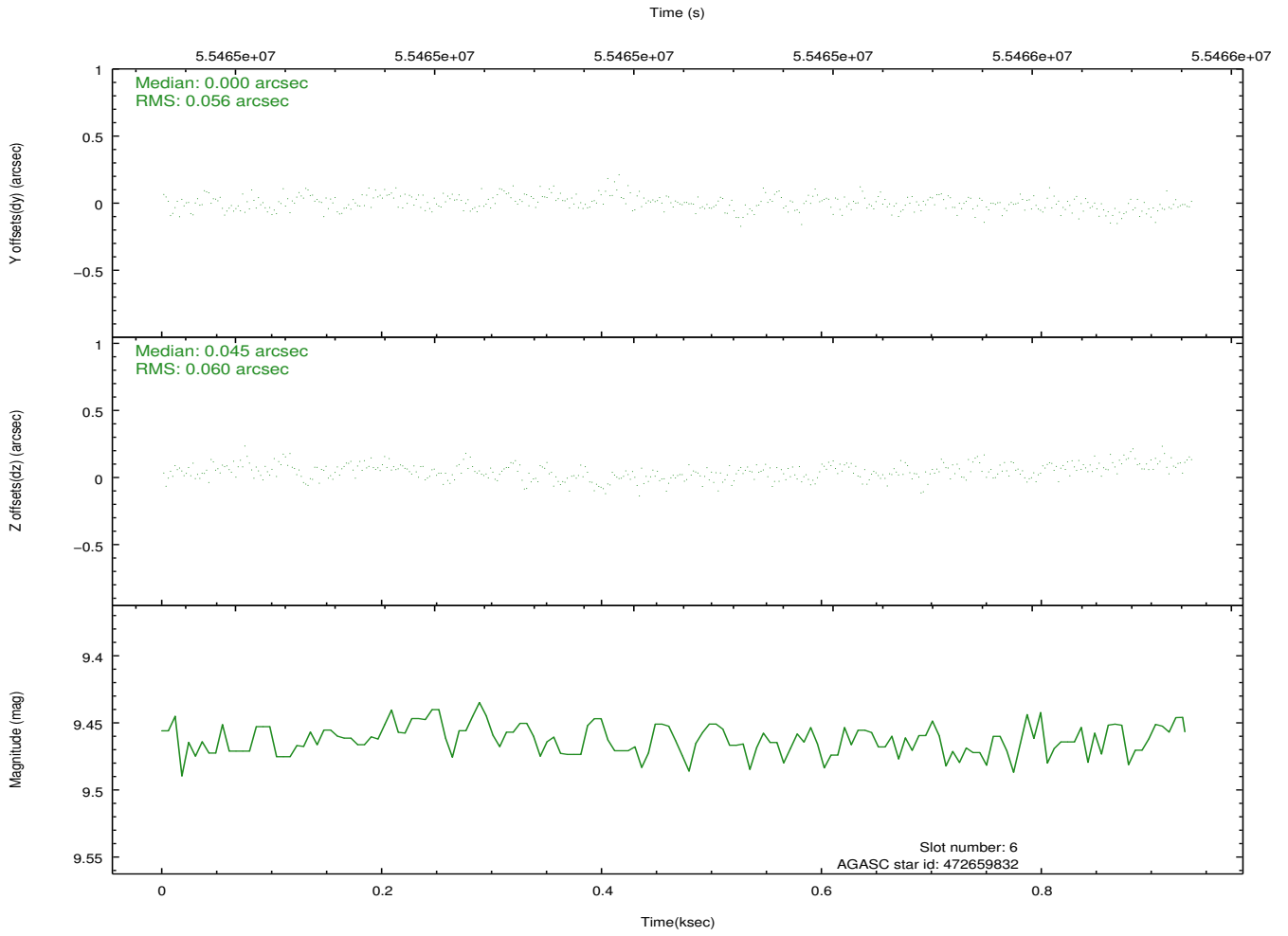
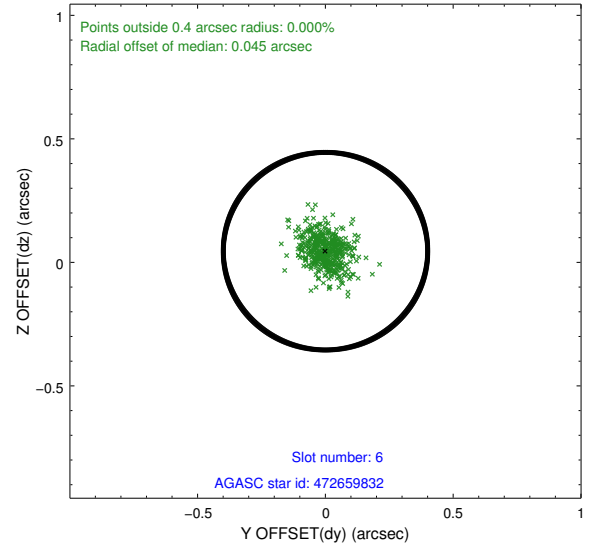
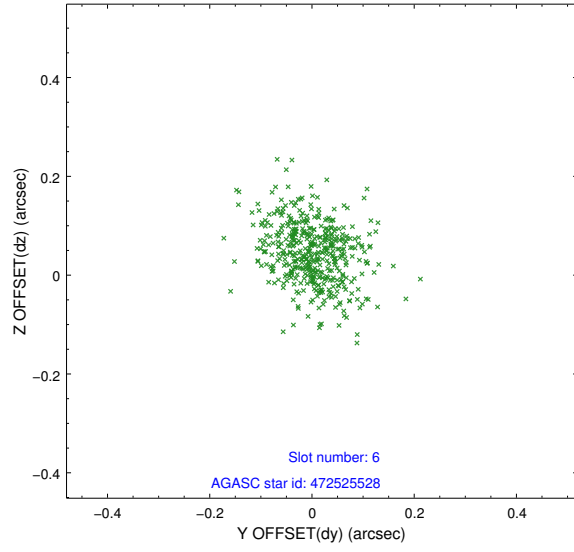
2.4.2 Slot 4



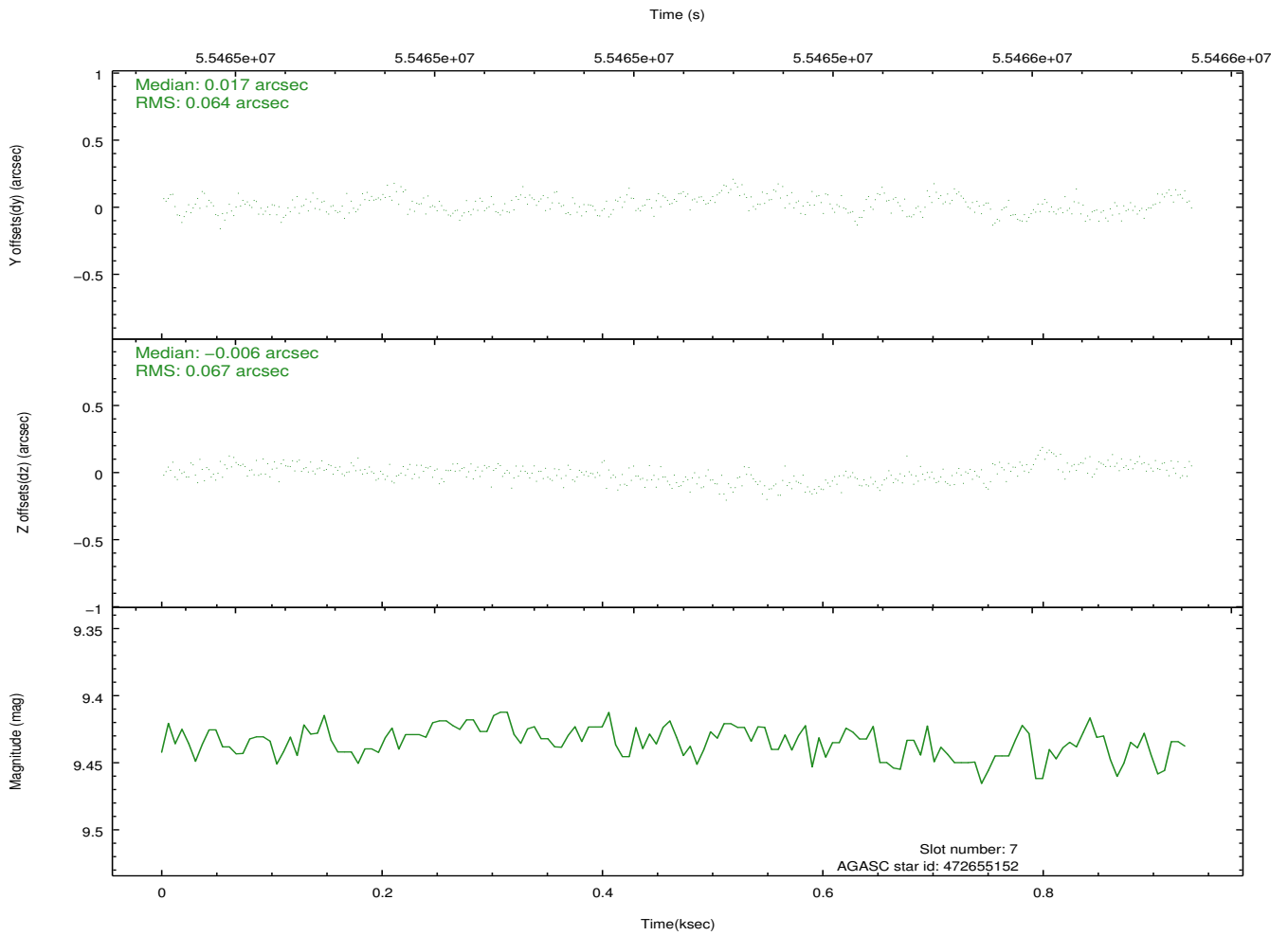
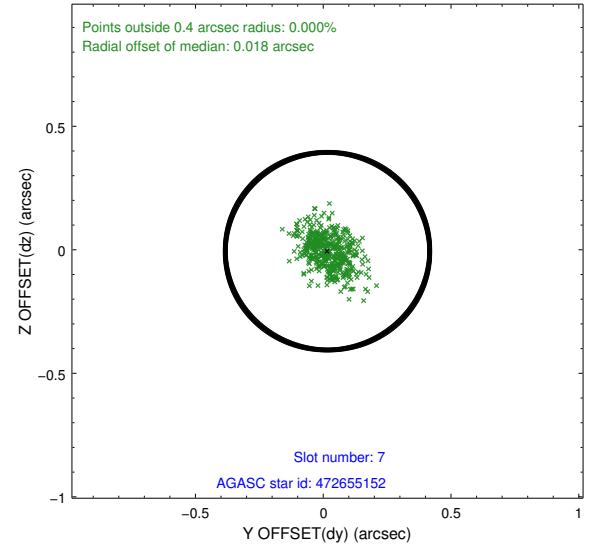
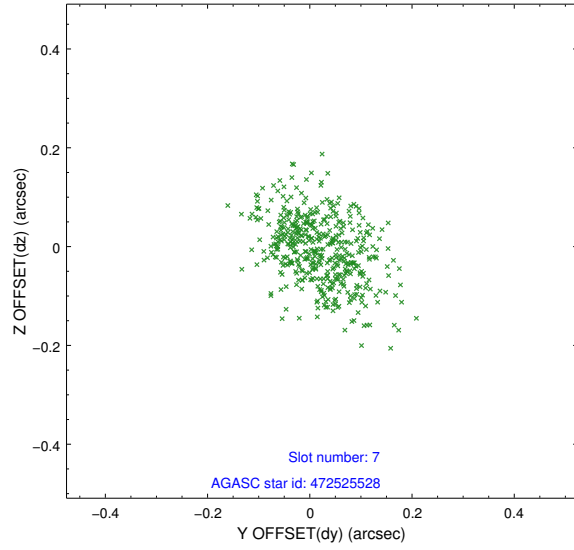
2.4.3 Slot 5



2.4.4 Slot 6

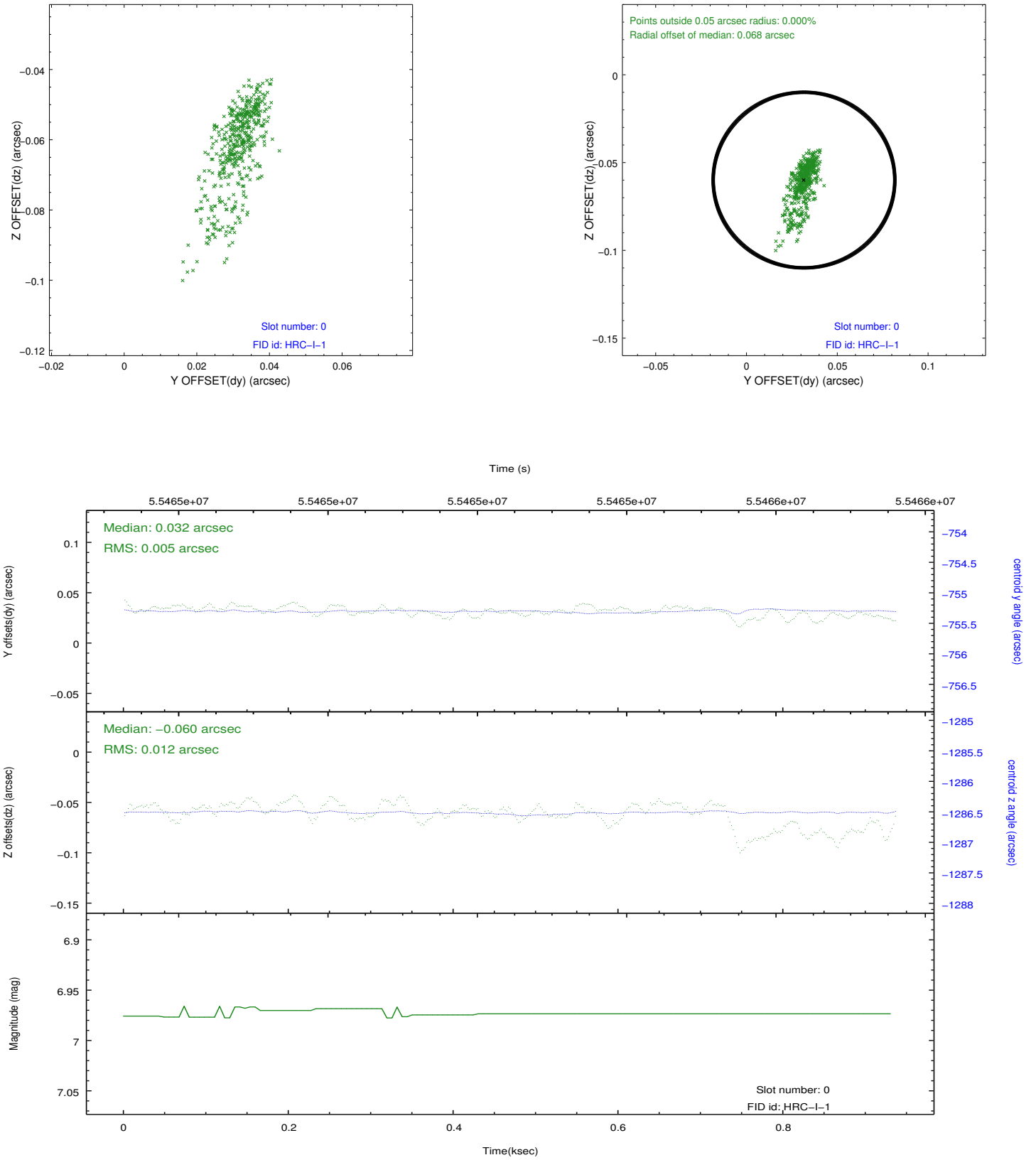


2.4.5 Slot 7

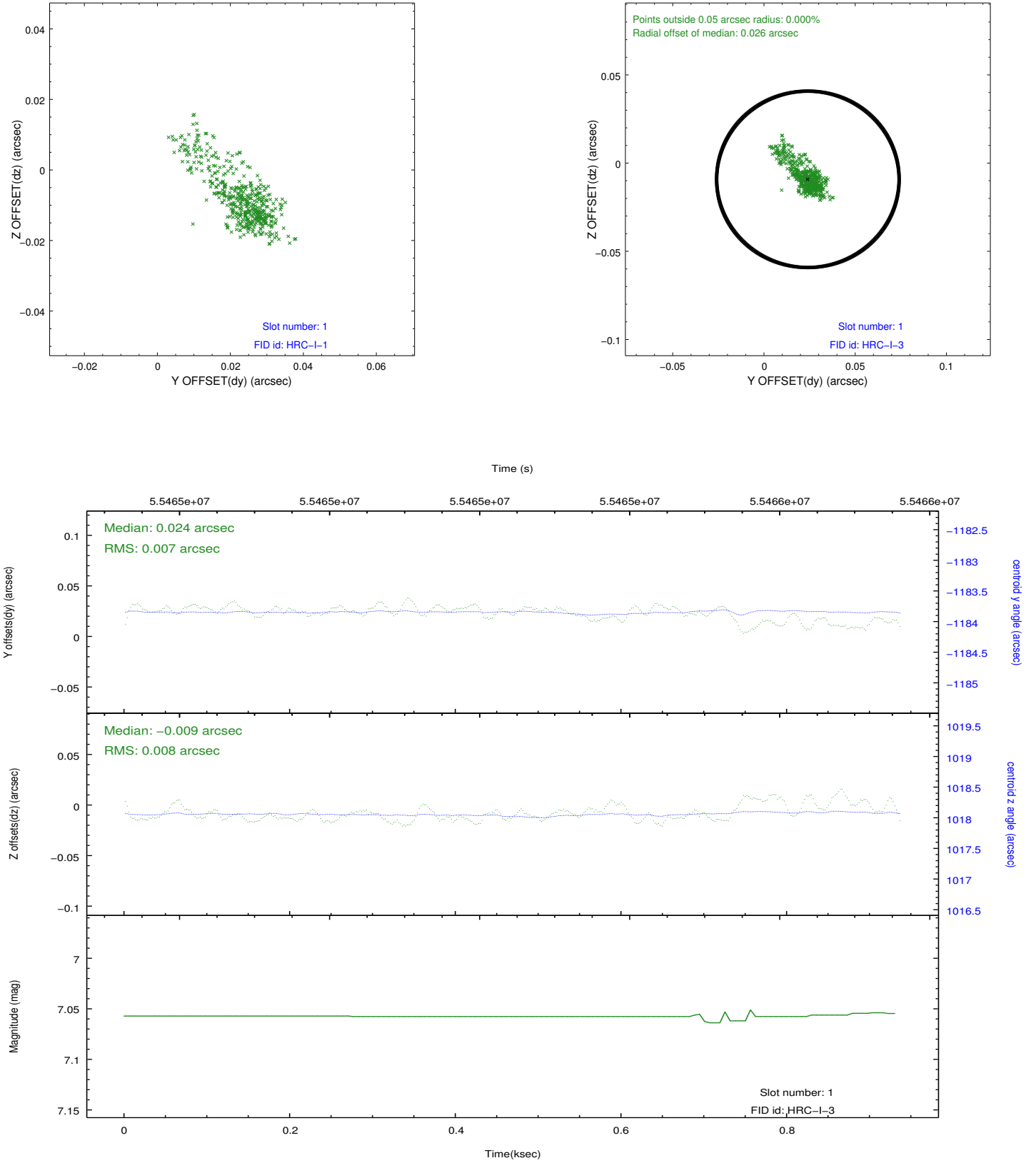


2.5 FID Slots

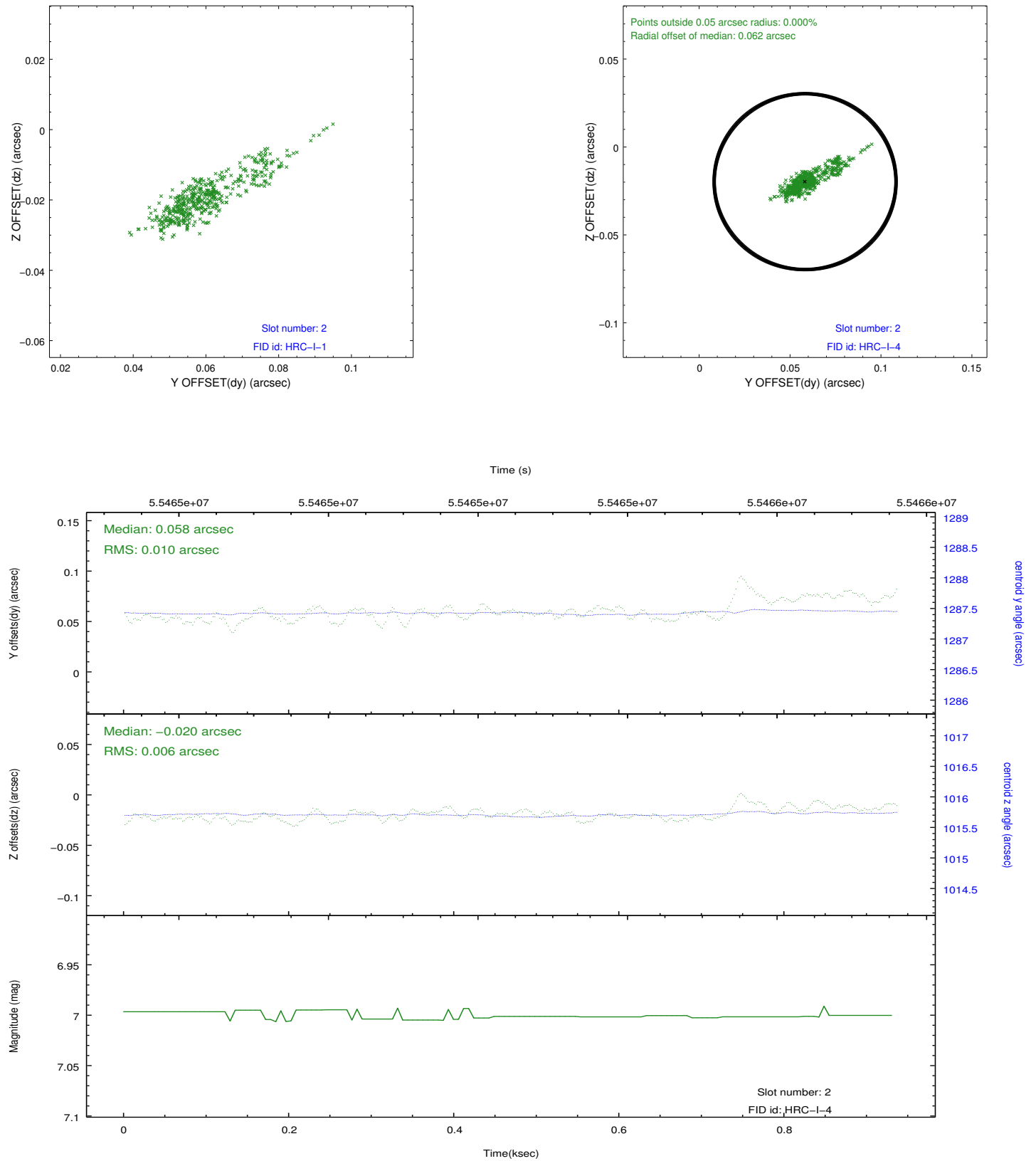
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.05.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.645

A.2 Comments

Charge time for this ObsId remains at original value of 0.645 ks,
although
with the current processing the charge time would have been 0.67855
ksec.