

# V&V Reference Report

## L2 ASCDS Version : 8.1.1

Observation 62505 - L2 Version 5

Chandra X-Ray Center

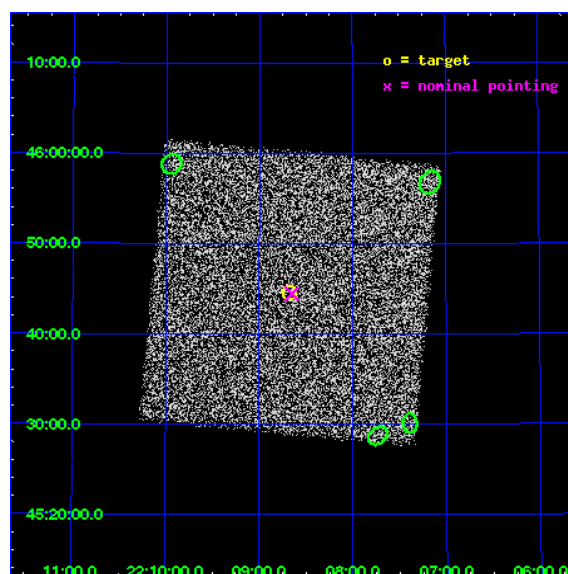
L2 Processing Date : Nov 19 2009

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# 1 Front

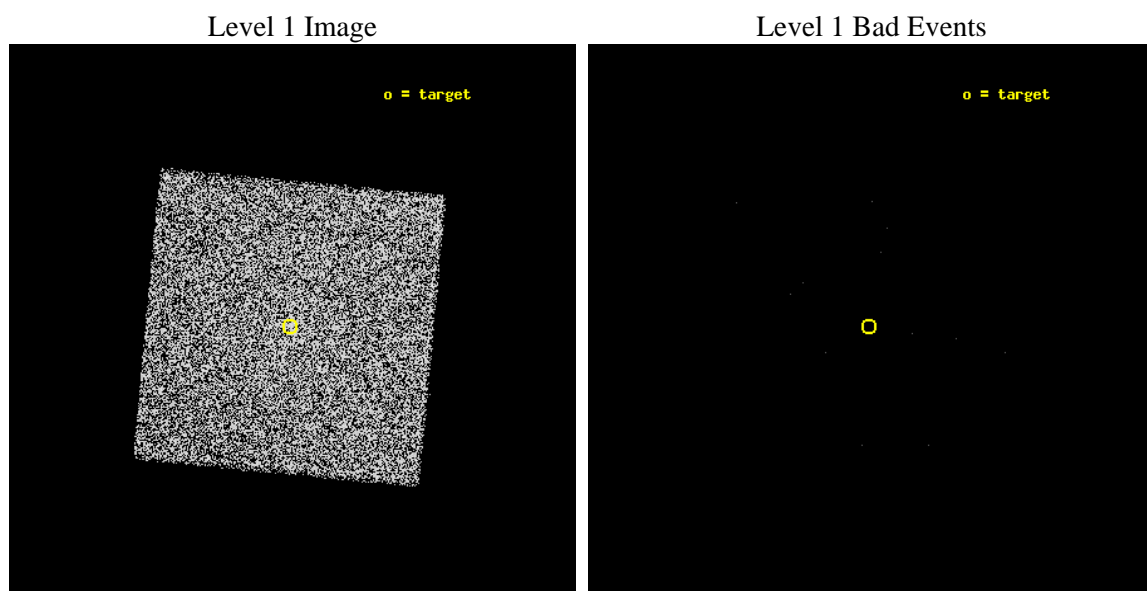
seq_num	270335	Sequence number
obs_id	62505	Observation id
title	&#160	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.1701	Observer's specified target RA
dec_targ	45.7423	Observer's specified target Dec
ra_nom	332.16262848348	Nominal RA
dec_nom	45.740890635427	Nominal Dec
roll_nom	230.444739158	Nominal Roll
revision	5	Processing version of data
ontime	1049.6000378132	[s]
livetime	1042.8165777047	Ontime multiplied by DTCOR
l2events	27923	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	8.1.1	Processing system revision	ontime	1049.6000378132	[s]
caldbver	4.1.4	&#160	ll events	46148	Number of level 1 events
date	2009-11-19T08:38:30	Date and time of file creation			
revision	3	Processing version of data			

### 2.1.3 Events

#### Level 1 Events

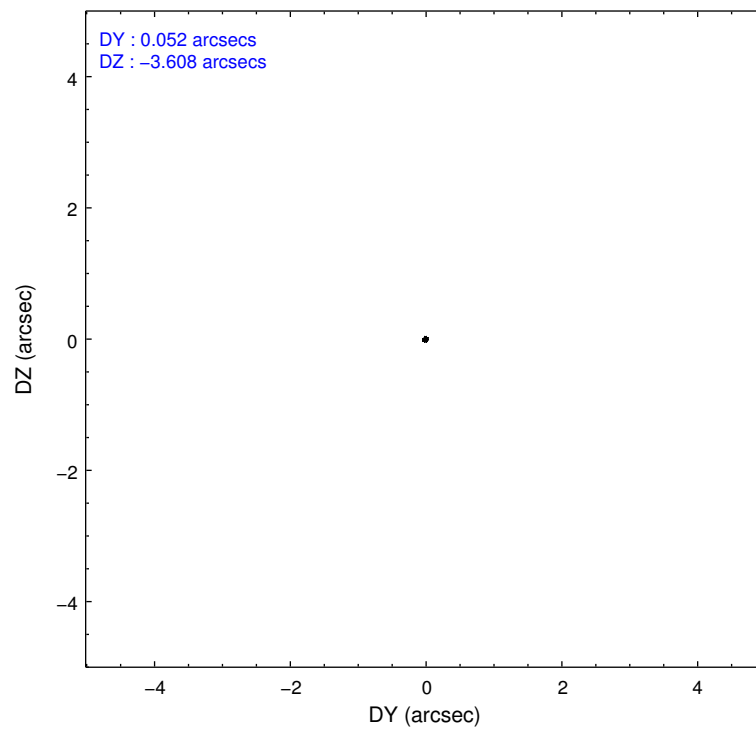
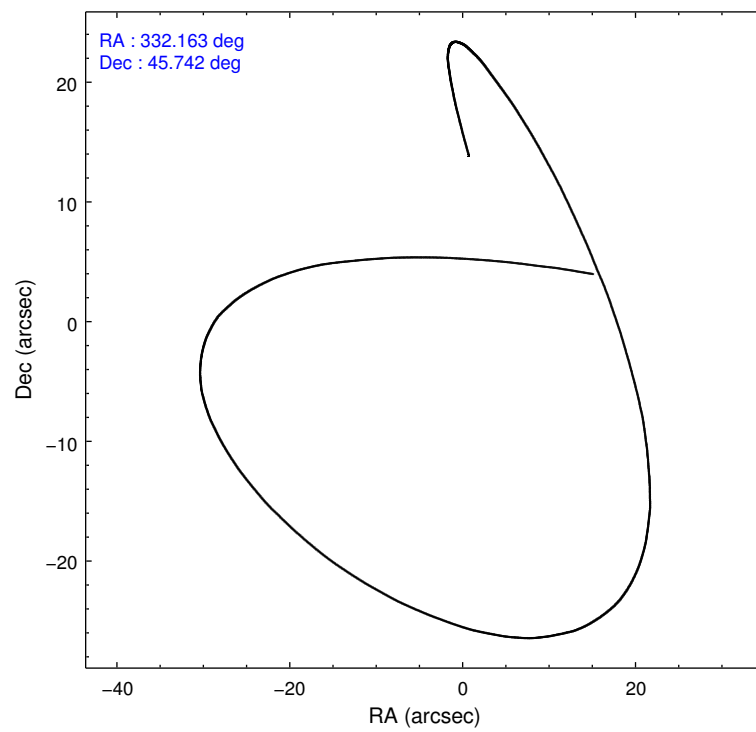
	<b>segment 0</b>
level 1 events	46148
rejected events	1085
rejected %	2%

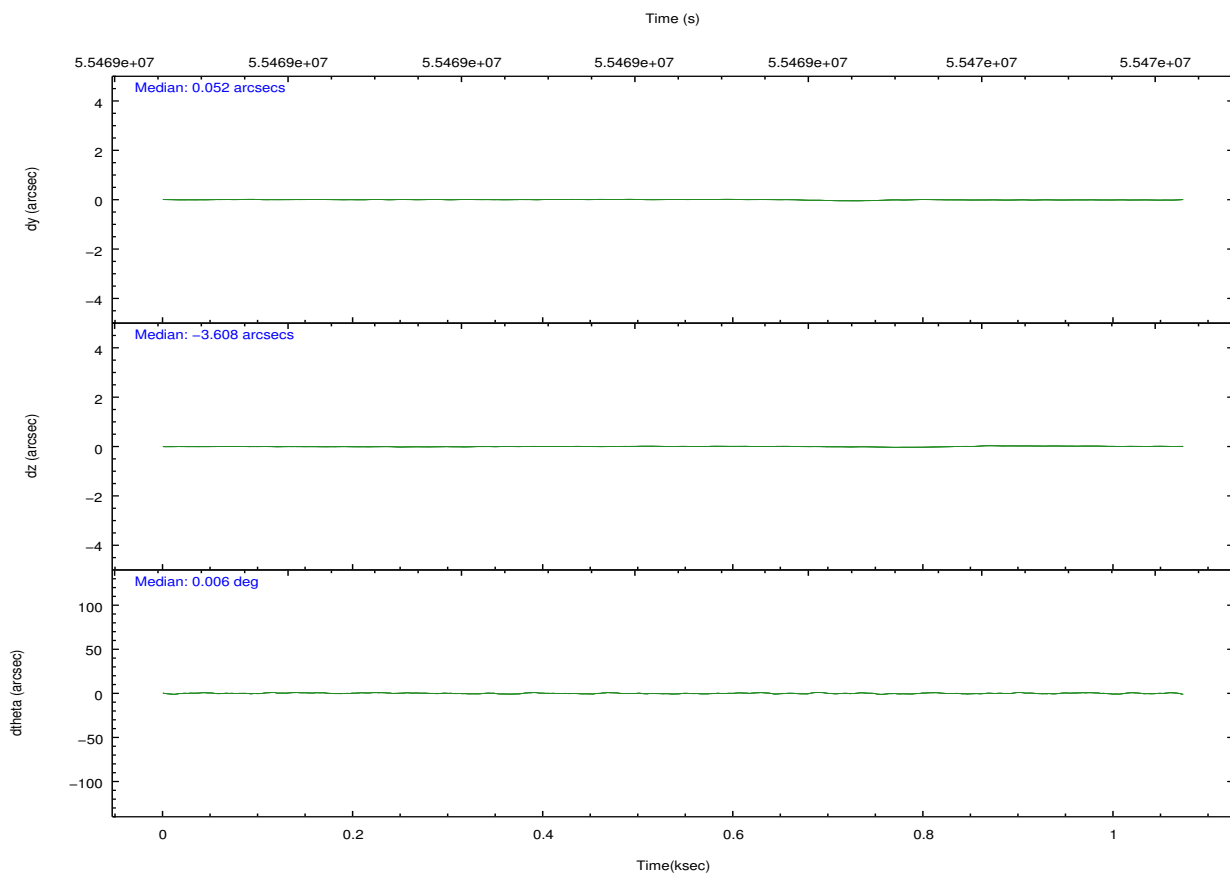
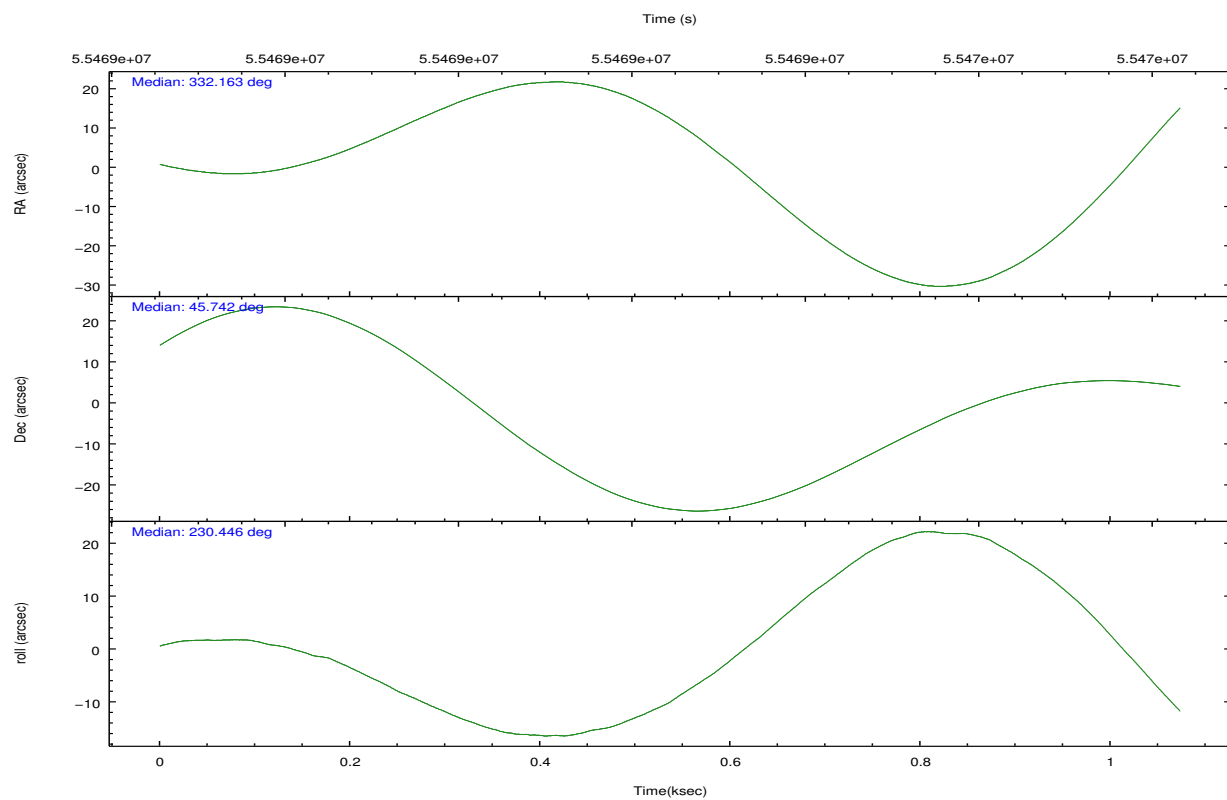
## 2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	332.170381	332.1626284834823
Pointing Dec	45.767178	45.74089063542654
Pointing Roll	230.534662	230.4447391579985
SIM focus pos (mm)	-1.040293	-1.041718744158295
SIM defocus (mm)	0	-0.001426123499420617
SIM translation stage pos (mm)	126.985494	126.9854943052878
SIM translation stage offset (mm)	0	-5.413686238853188e-06
Observation start time	55465264.184000	55468707.535707
Observation start date	1999-10-04T23:00:00	1999-10-04T23:58:27
Observation end time	55475264.184000	55469783.785746
Observation end date	1999-10-05T01:46:40	1999-10-05T00:16:23

Parameter	Planned	Actual
Obspar format version number	6	6
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

## 2.3 Aspect





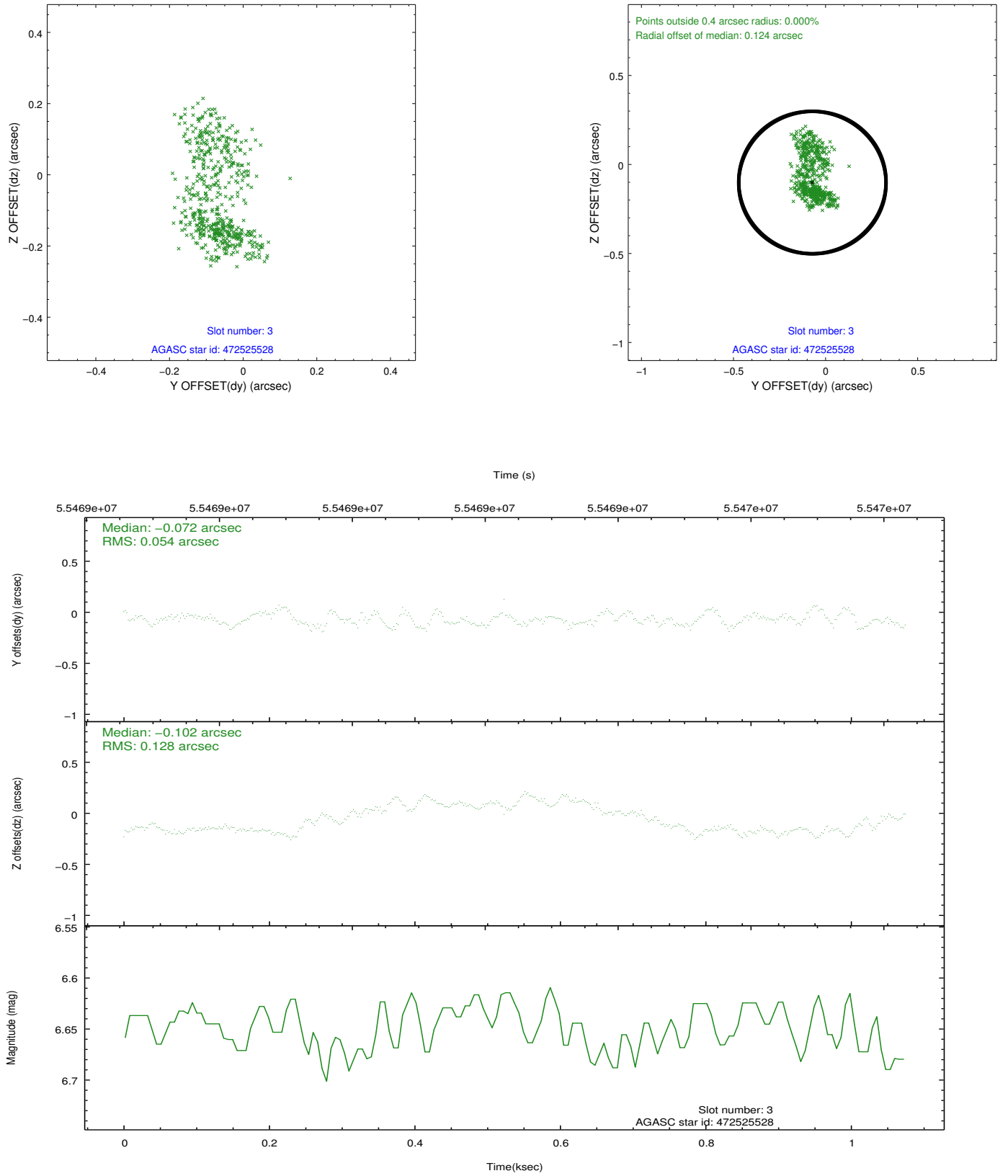
Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.08	525	-0.125	-0.391	0.008	0.014	0.000000	0.000000	-755.51	-1284.42
1	FID	HRC-I-3	7.16	525	-0.074	0.119	0.008	0.012	0.000000	0.000000	-1185.50	1018.19
2	FID	HRC-I-4	7.09	525	0.314	0.184	0.007	0.014	0.000000	0.000000	1285.35	1020.36
3	GUIDE	472525528	6.65	525	-0.072	-0.102	0.145	0.259	331.551102	45.248694	2433.80	-24.54
4	GUIDE	472523760	8.24	524	0.063	0.065	0.057	0.091	331.645363	45.403260	1856.13	-189.84
5	GUIDE	472665256	9.00	525	0.007	-0.043	0.066	0.109	332.808125	46.195041	-2200.69	248.18
6	GUIDE	472659832	9.46	525	-0.009	0.050	0.089	0.144	332.780399	46.098139	-1896.49	419.91
7	GUIDE	472655152	9.43	524	0.005	-0.011	0.095	0.159	332.504239	45.862991	-803.33	431.34

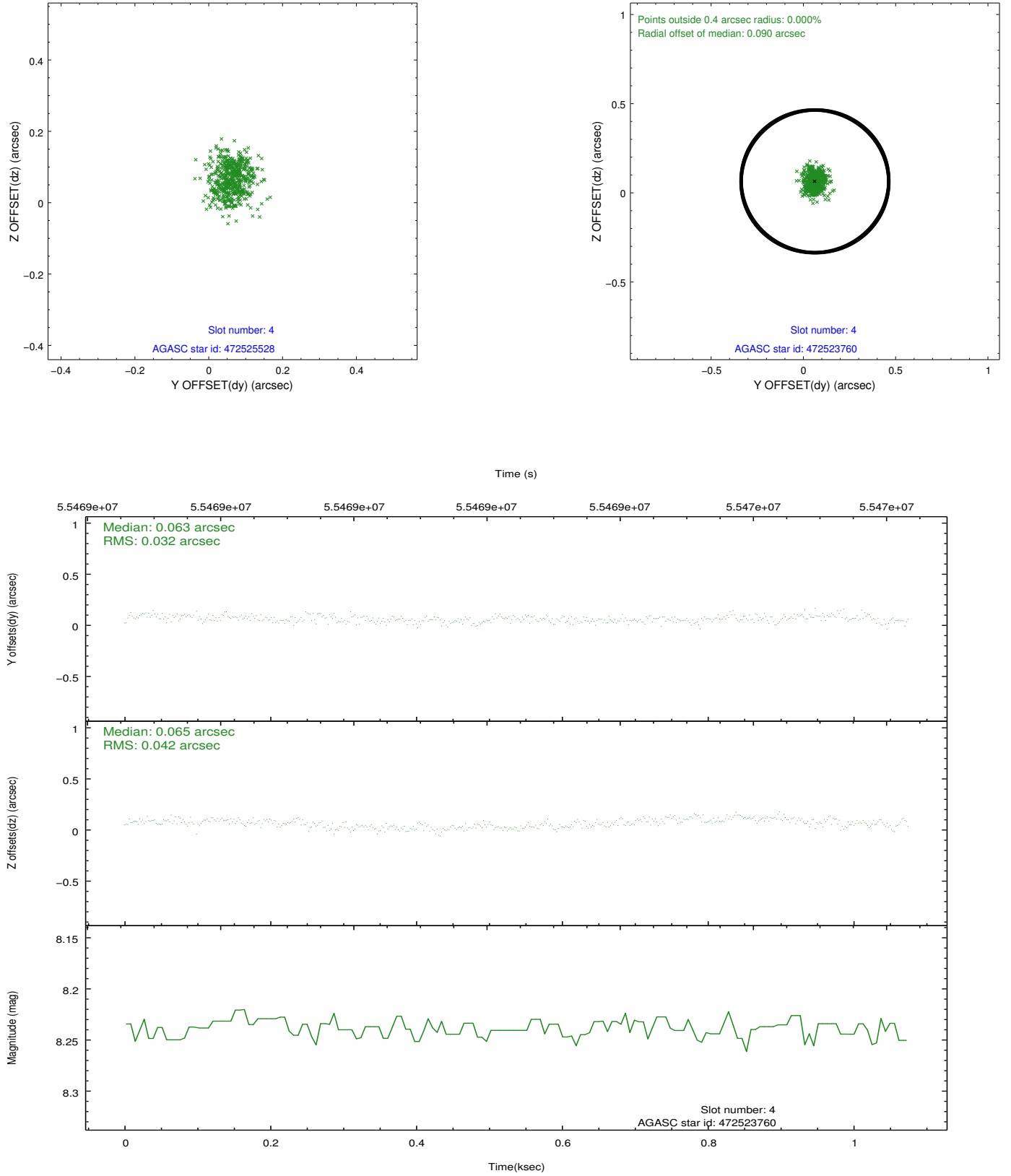


## 2.4 Star Slots

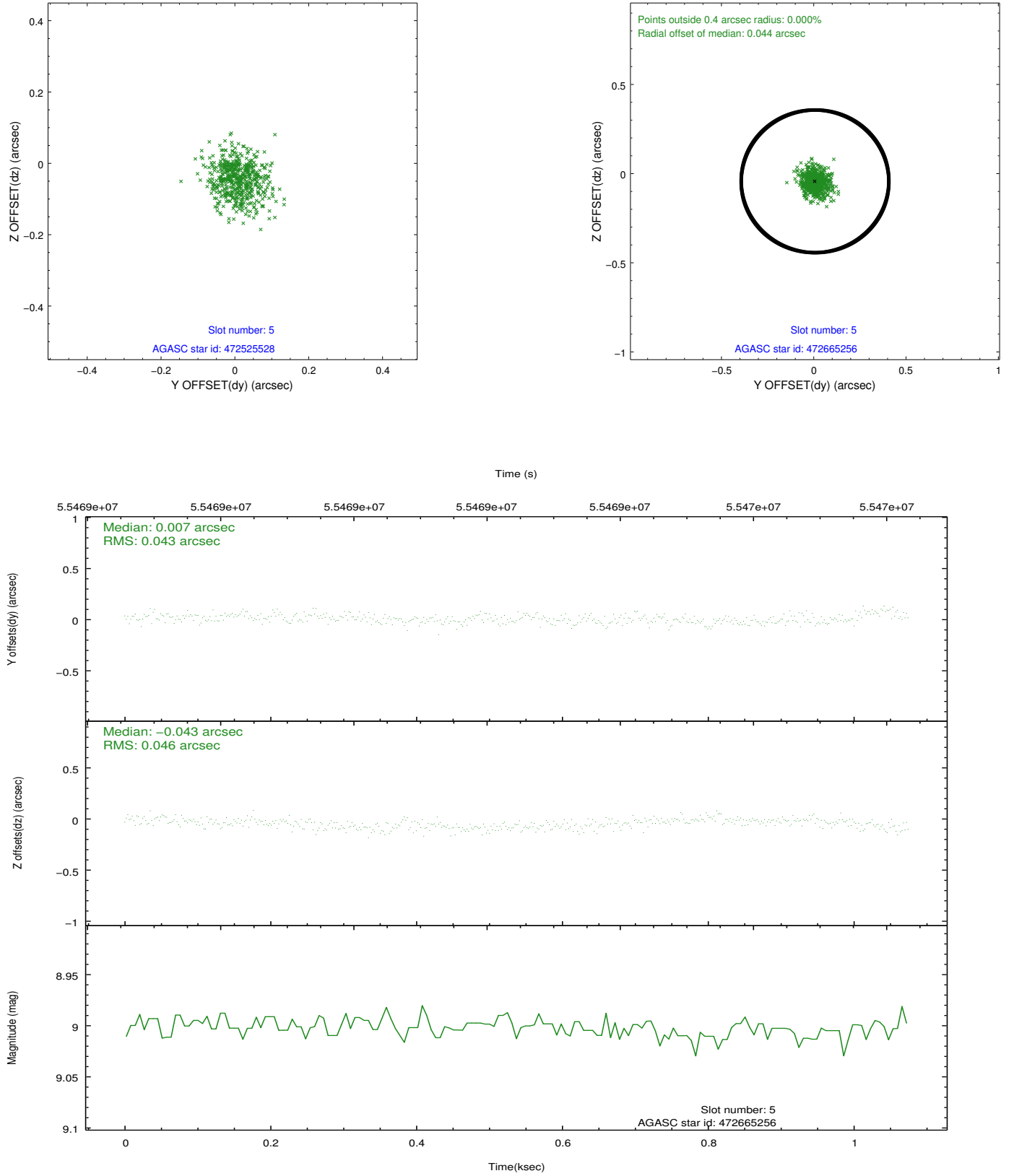
### 2.4.1 Slot 3



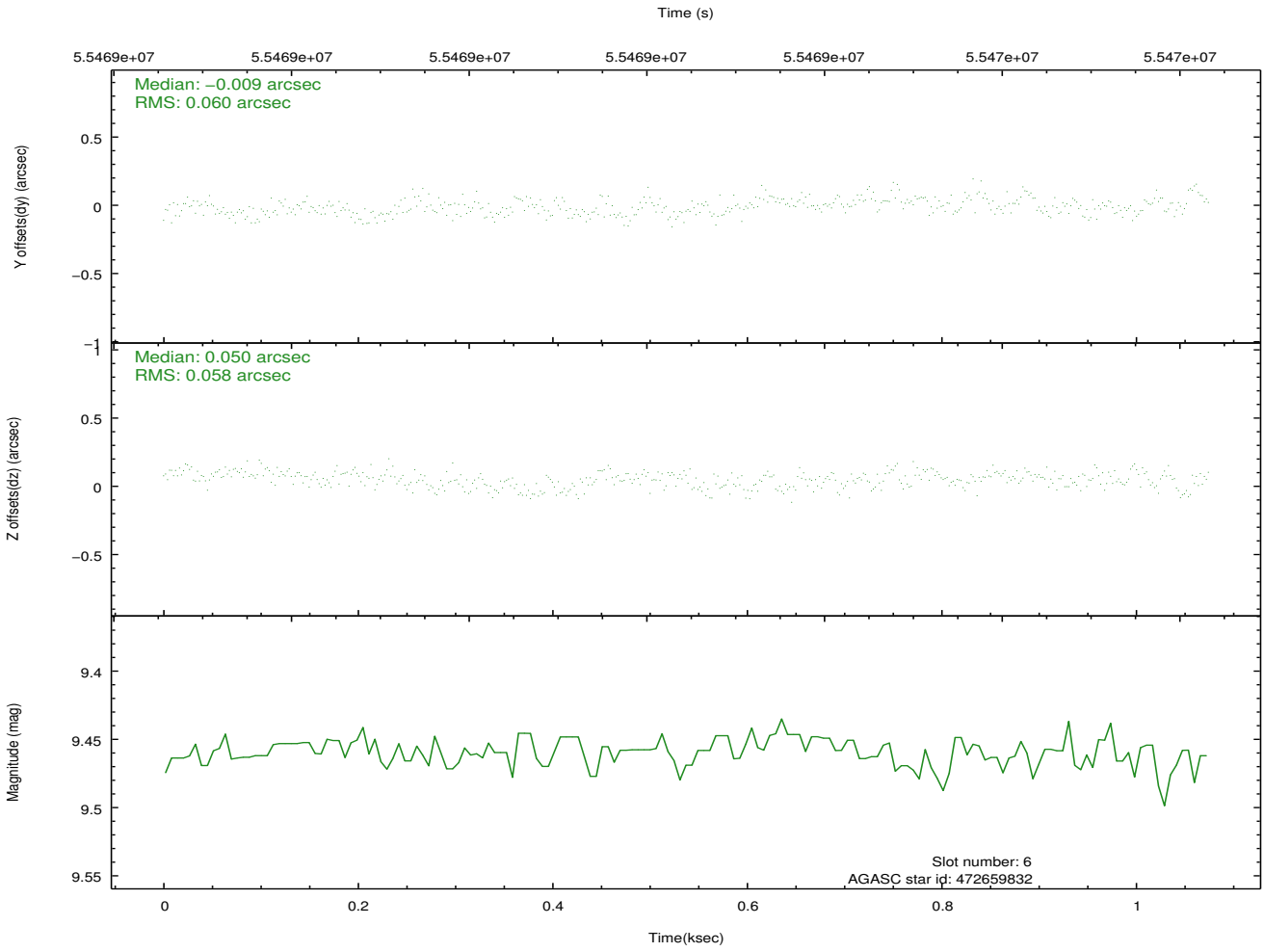
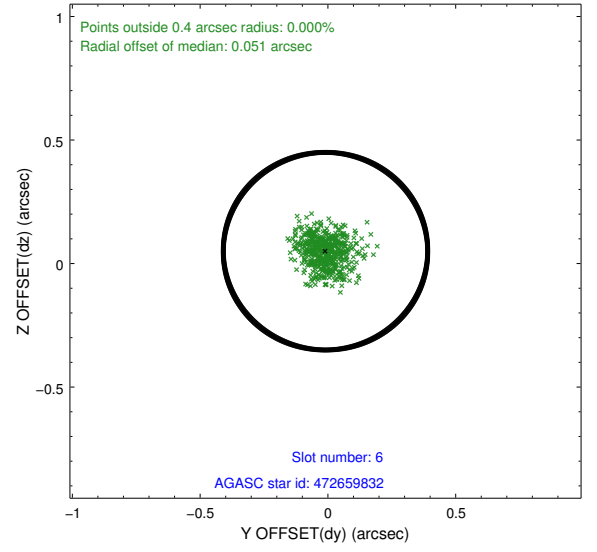
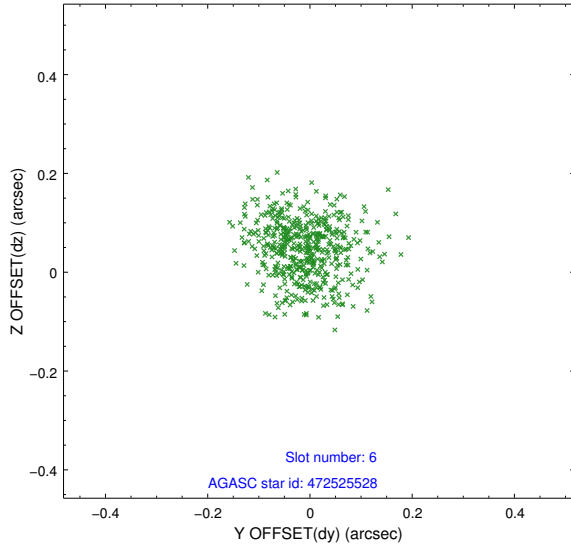
## 2.4.2 Slot 4



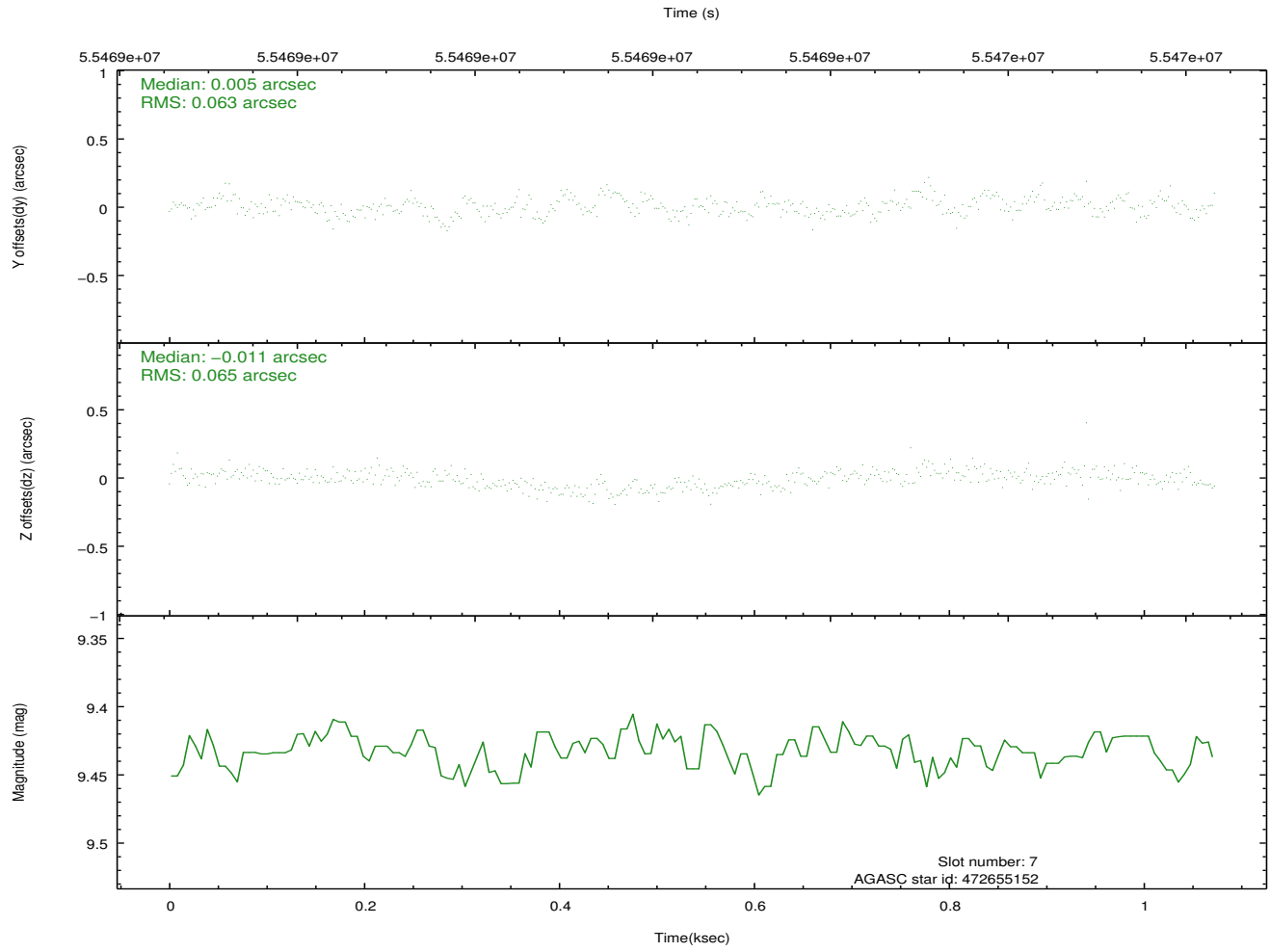
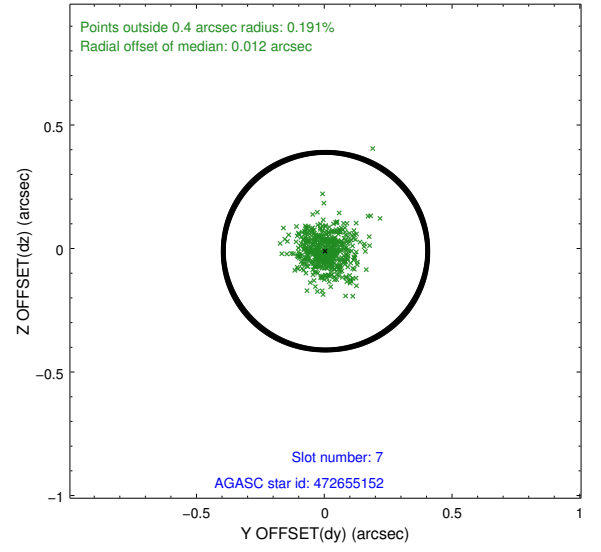
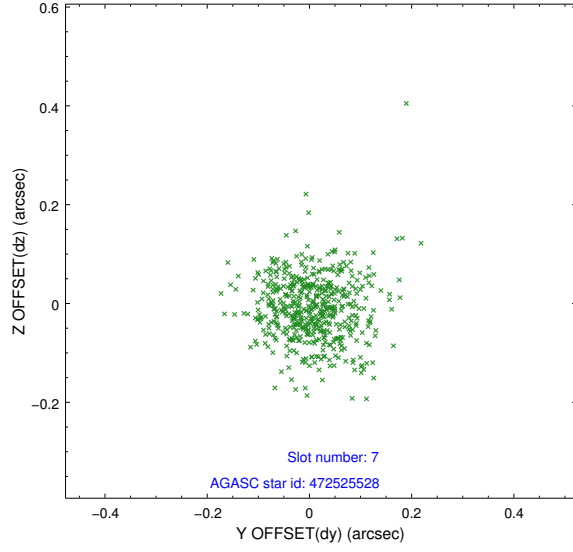
### 2.4.3 Slot 5



## 2.4.4 Slot 6

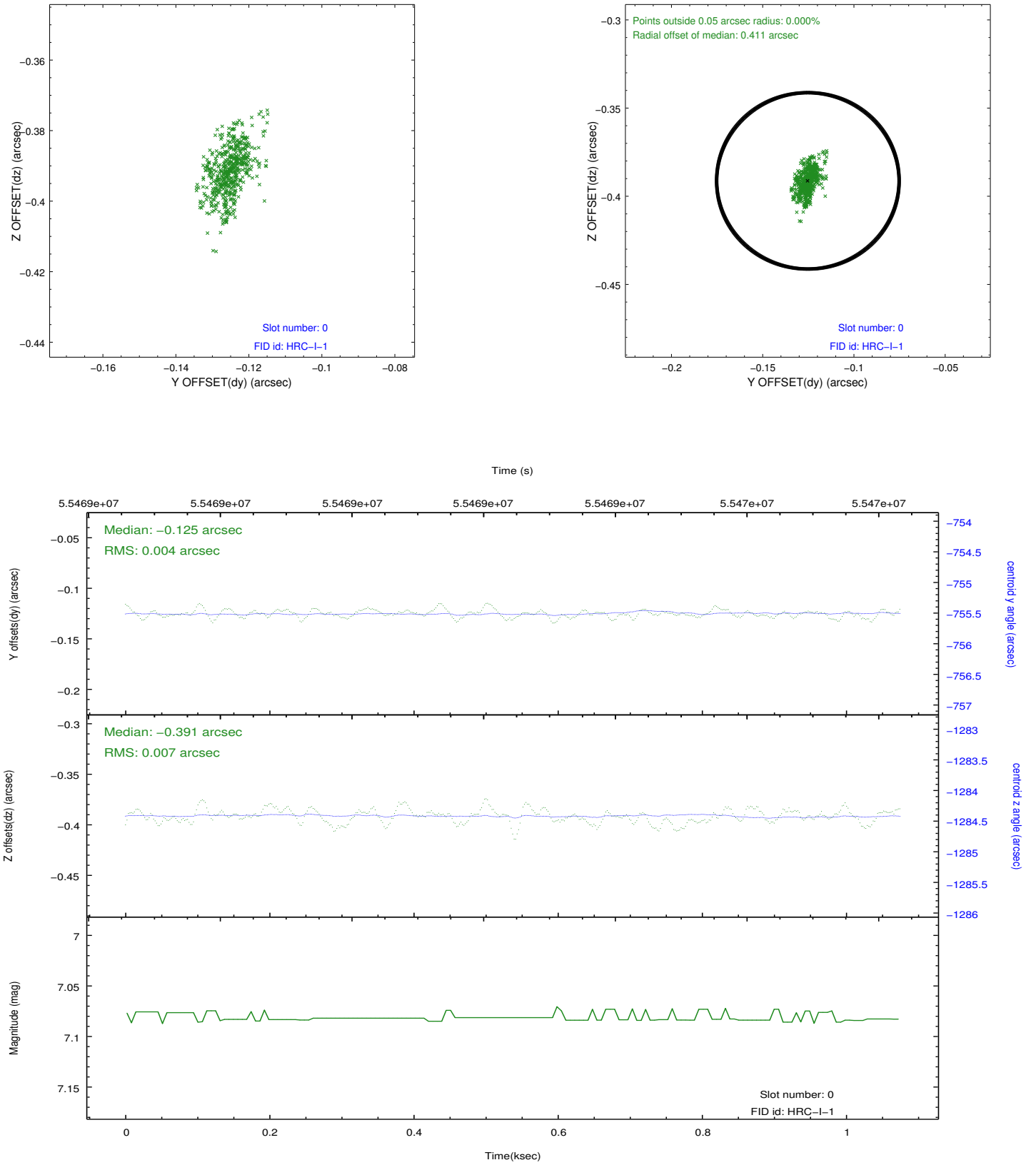


## 2.4.5 Slot 7

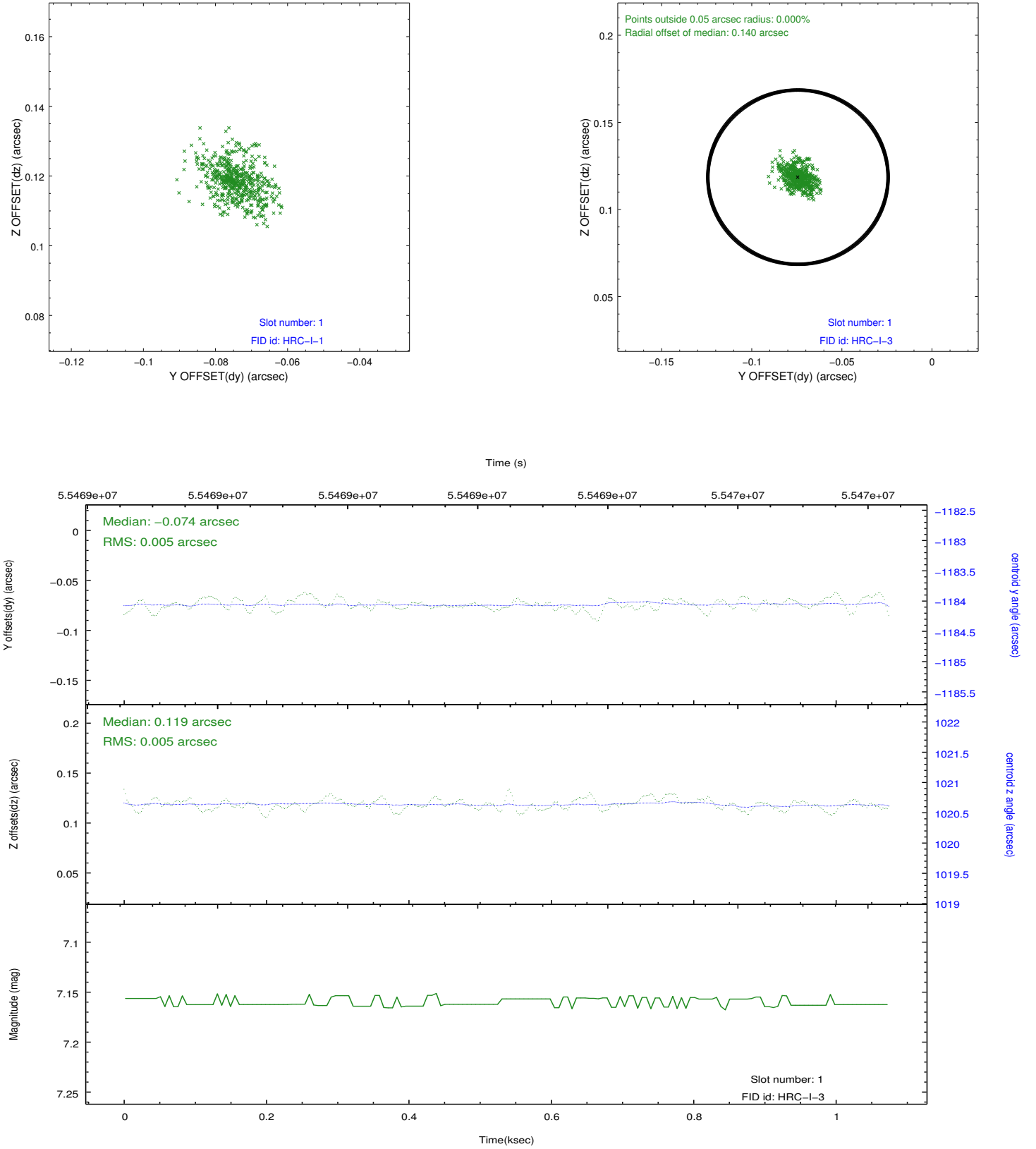


## 2.5 FID Slots

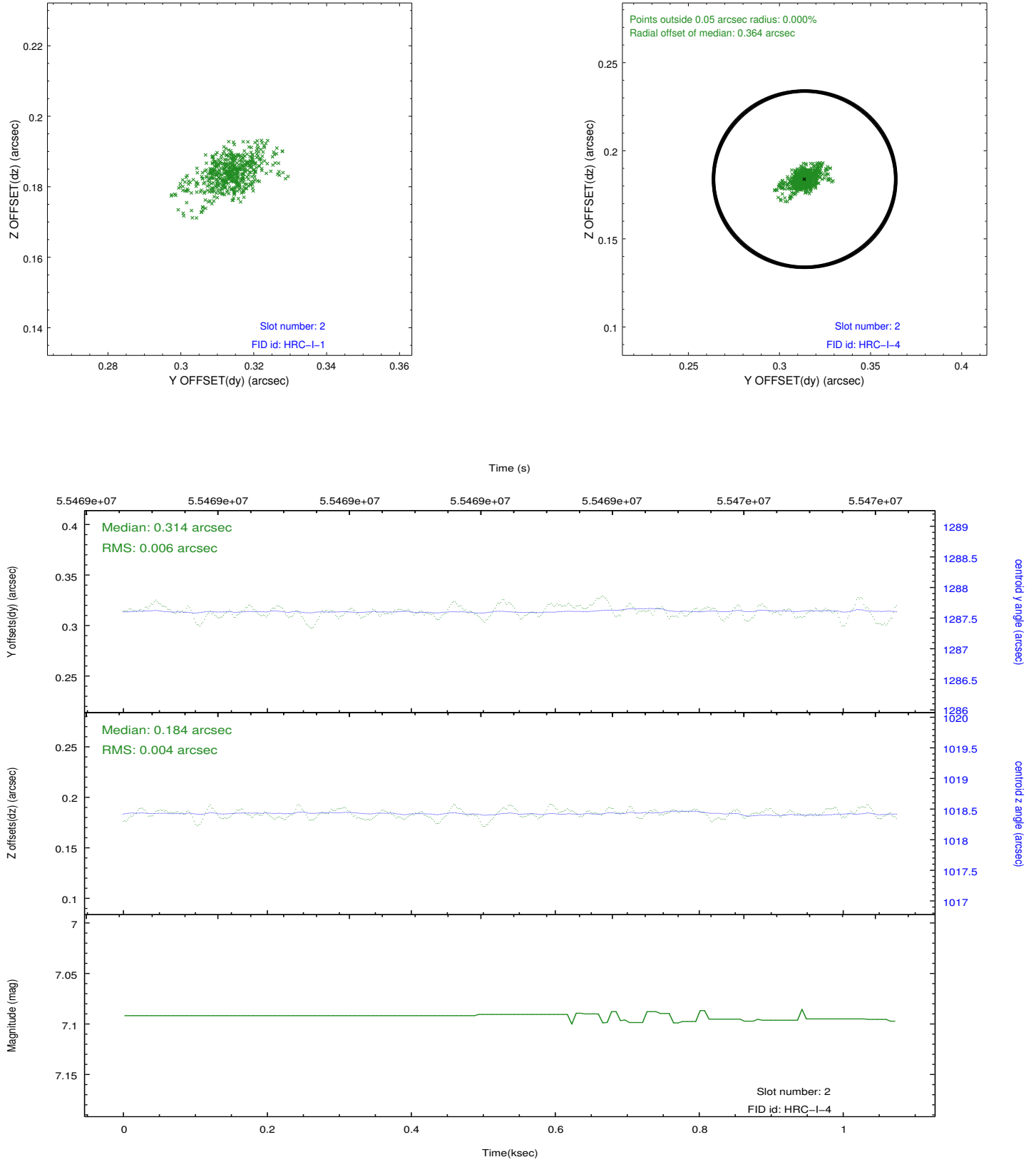
### 2.5.1 Slot 0



## 2.5.2 Slot 1

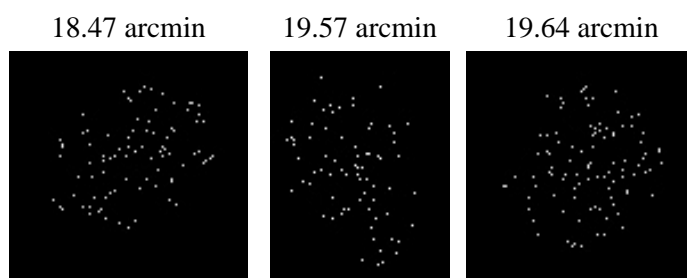


### 2.5.3 Slot 2





### 3 Point Sources



# A Summary

## A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2009.12.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.049

## A.2 Comments

AR Lac is not detected.

This is one of the observations resulting from obsid 1382 being broken up into several parts. Ontime is appropriate for this piece.