

V&V Reference Report

L2 ASCDS Version : 8.3.2.1

Observation 1336 - L2 Version 4

Chandra X-Ray Center

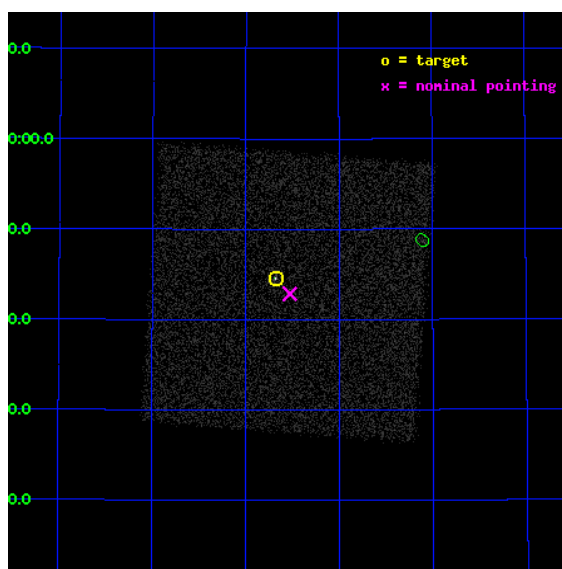
L2 Processing Date : Sep 28 2010

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1 Front

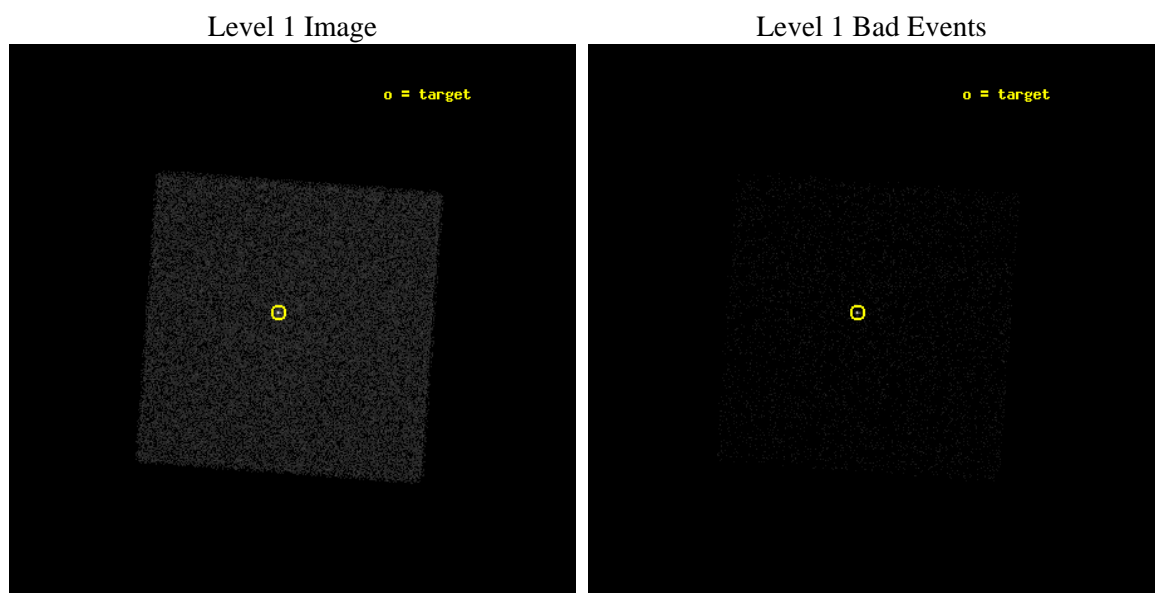
seq_num	280286	Sequence number
obs_id	1336	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.1701	Observer's specified target RA
dec_targ	45.7423	Observer's specified target Dec
ra_nom	332.13170751015	Nominal RA
dec_nom	45.714223766219	Nominal Dec
roll_nom	229.21001276507	Nominal Roll
revision	4	Processing version of data
ontime	758.75627735257	[s]
livetime	753.3397523088	Ontime multiplied by DTCOR
l2events	26294	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	758.75627735257	[s]
caldbver	4.3.1	 	l1events	70790	Number of level 1 events
date	2010-09-28T17:12:59	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

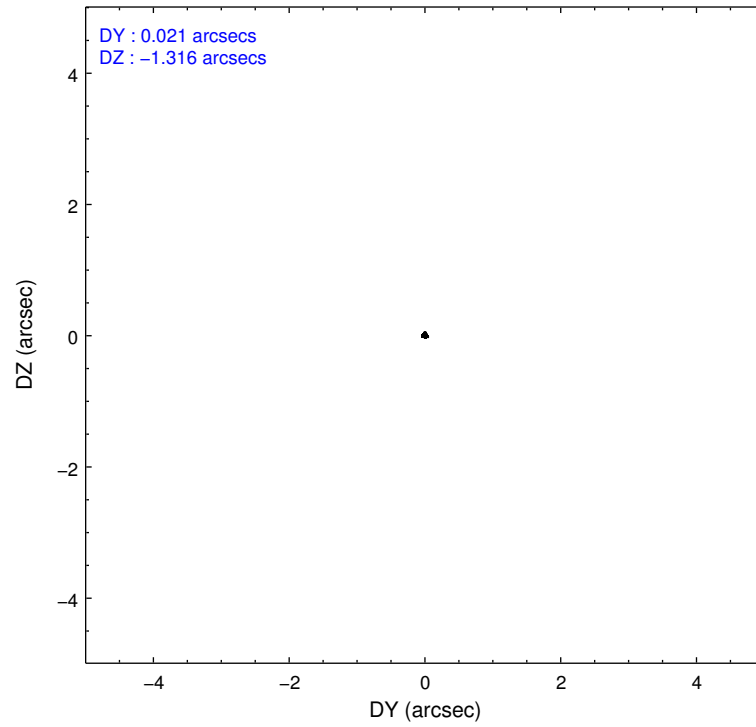
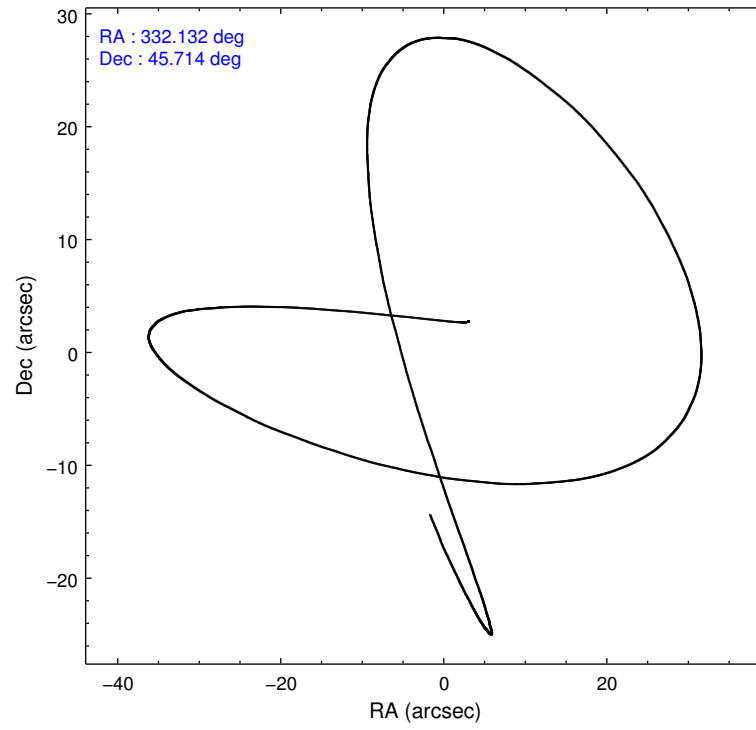
Level 1 Events

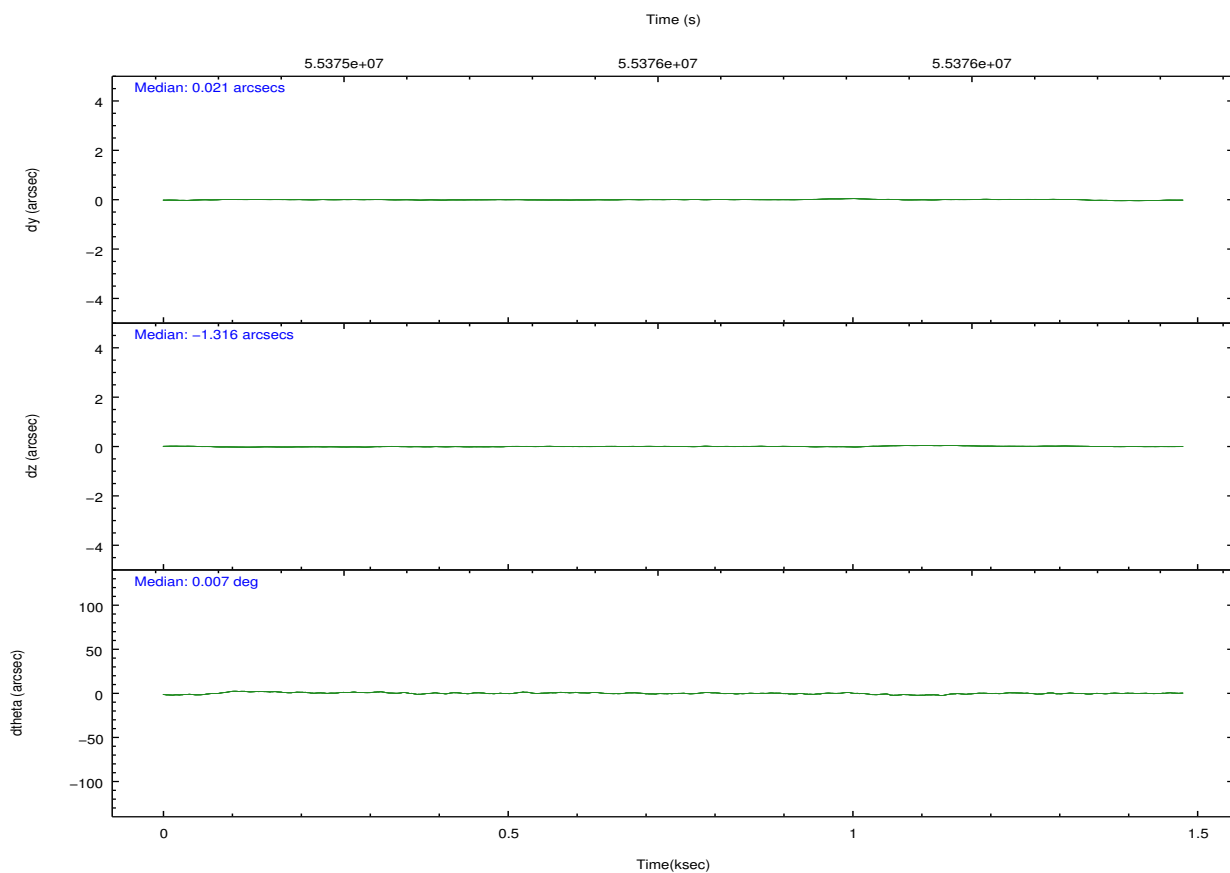
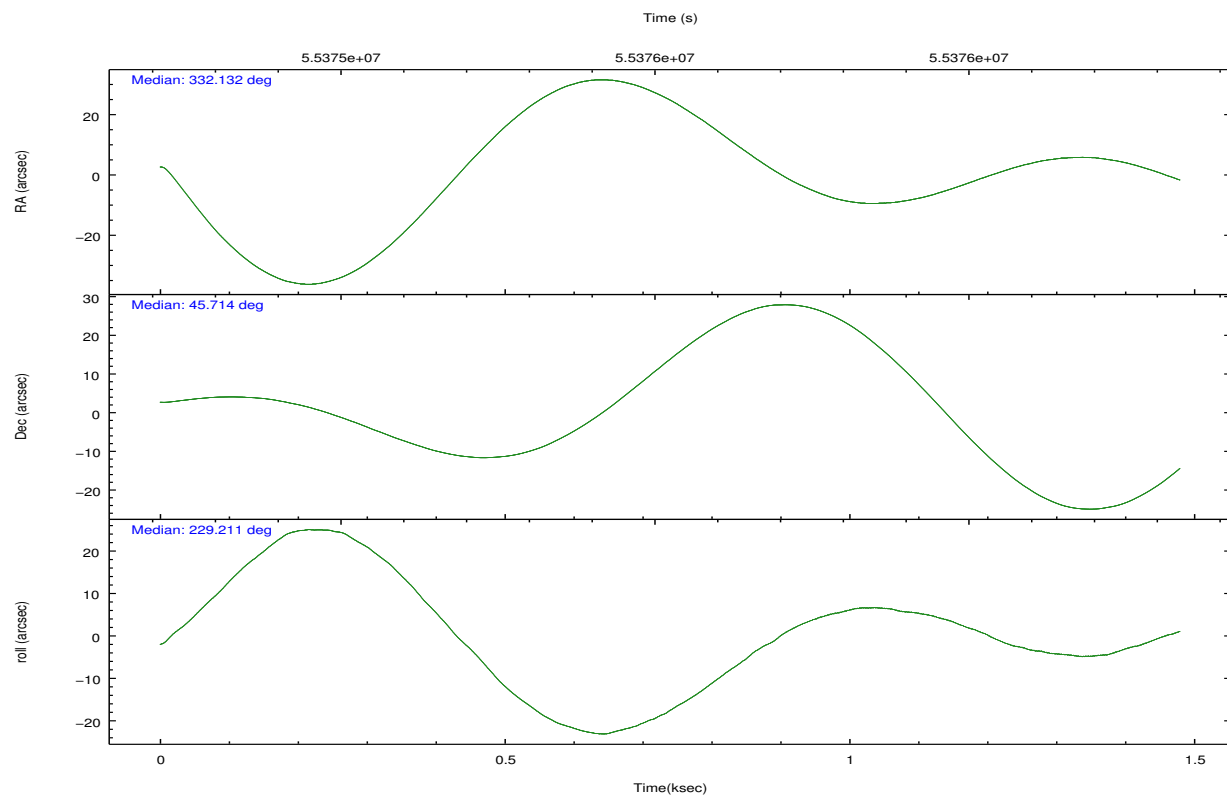
	segment 0
level 1 events	70790
rejected events	30248
rejected %	42%

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	332.140004	332.1317075101507			
Pointing Dec	45.741907	45.7142237662187			
Pointing Roll	229.299540	229.2100127650666			
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	55375264.184000	55374597.669816			
Observation start date	1999-10-03T22:00:00	1999-10-03T21:49:57			
Observation end time	55376264.184000	55376397.569881			
Observation end date	1999-10-03T22:16:40	1999-10-03T22:19:57			

2.3 Aspect



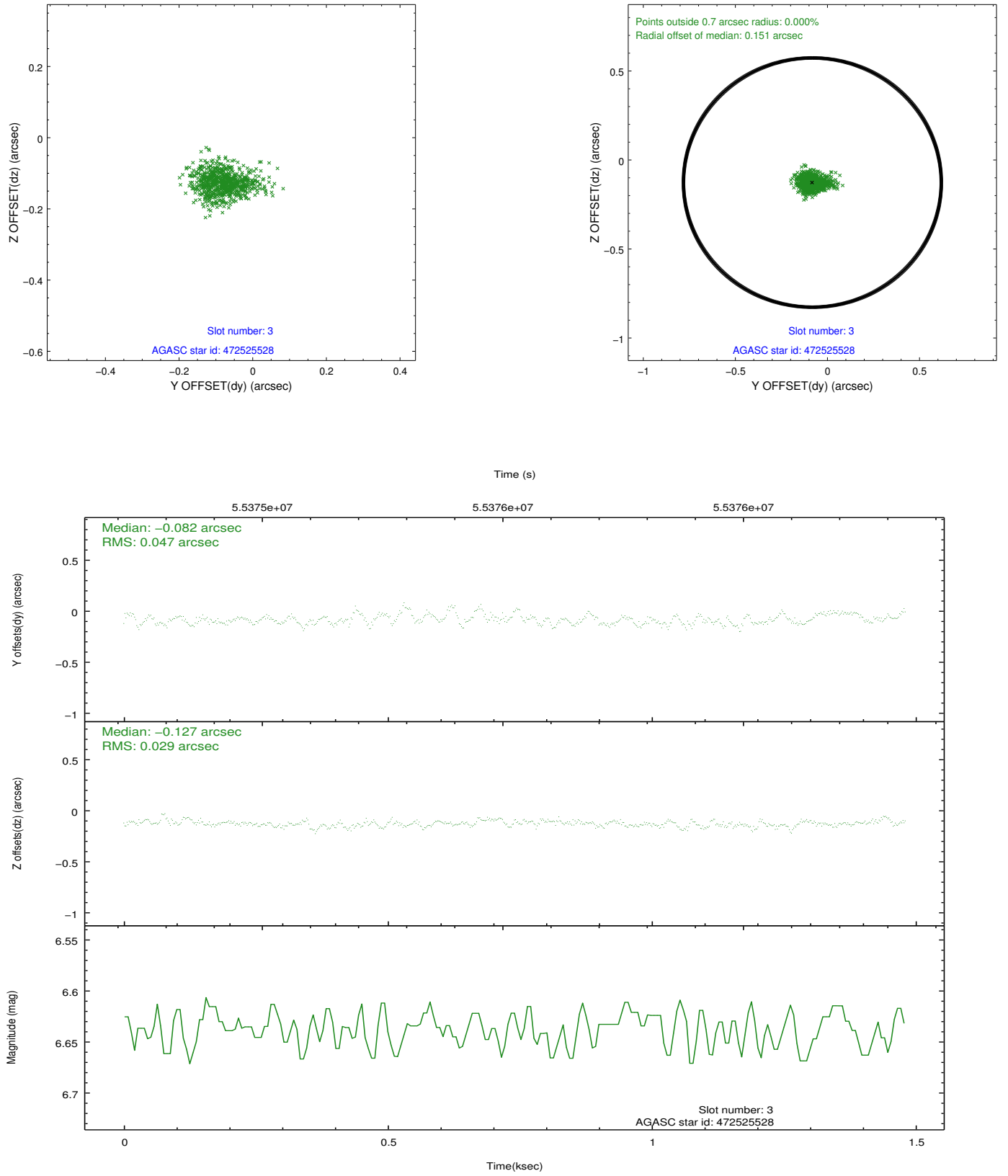


Slot Statistics

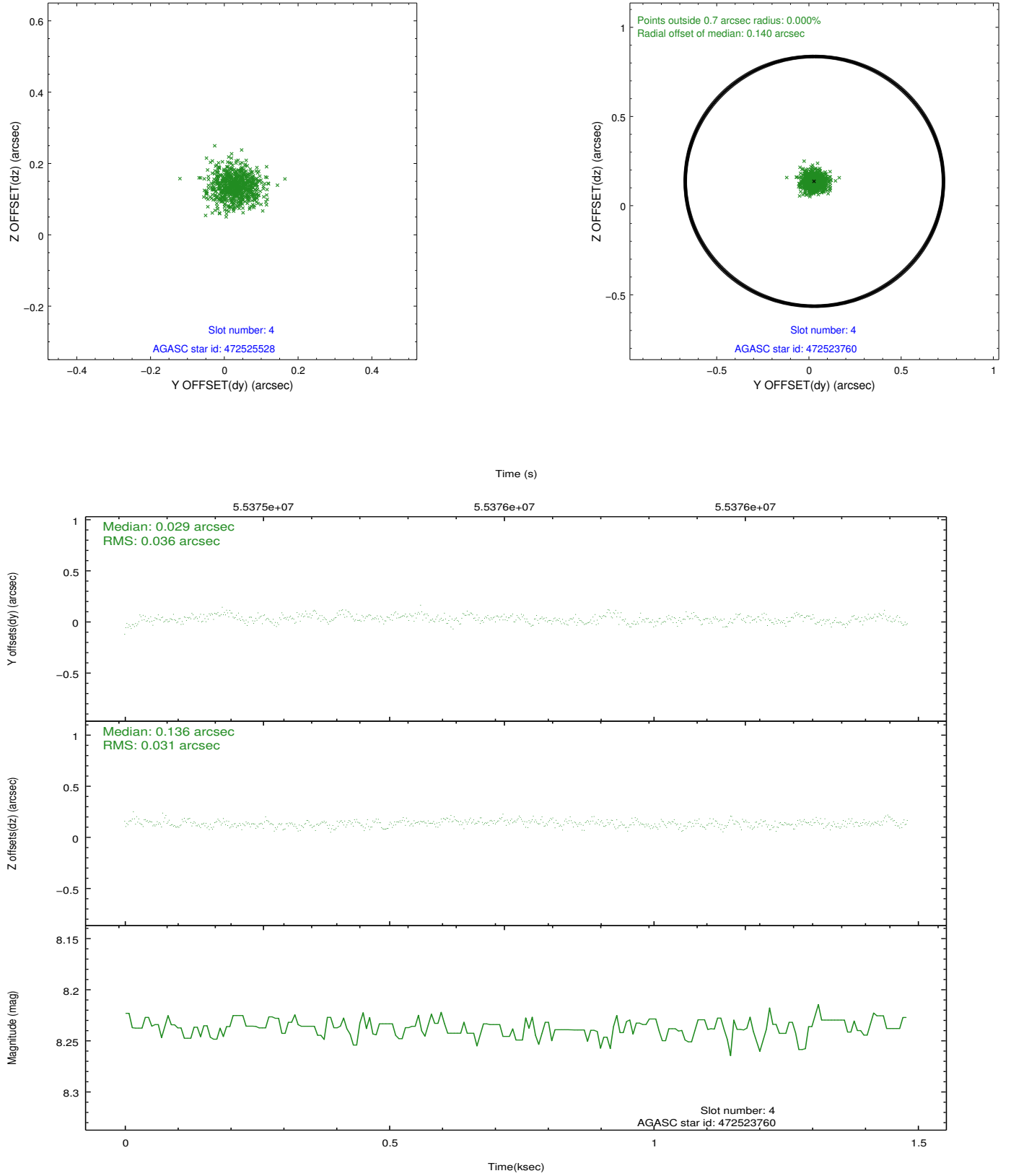
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.95	723	0.061	-0.002	0.011	0.023	0.000000	0.000000	-755.39	-1286.48
1	FID	HRC-I-3	7.03	723	0.060	-0.029	0.012	0.024	0.000000	0.000000	-1185.01	1016.46
2	FID	HRC-I-4	6.97	723	-0.008	-0.057	0.007	0.013	0.000000	0.000000	1285.81	1017.28
3	GUIDE	472525528	6.64	723	-0.082	-0.127	0.057	0.099	331.551102	45.248694	2312.10	22.49
4	GUIDE	472523760	8.24	723	0.029	0.136	0.051	0.083	331.645363	45.403260	1736.76	-155.28
5	GUIDE	472665256	9.00	723	0.038	-0.073	0.065	0.110	332.808125	46.195041	-2328.35	193.65
6	GUIDE	472659832	9.46	721	0.009	0.045	0.081	0.129	332.780399	46.098139	-2025.88	371.81
7	GUIDE	472655152	9.43	722	-0.002	0.018	0.093	0.149	332.504239	45.862991	-933.37	407.18

2.4 Star Slots

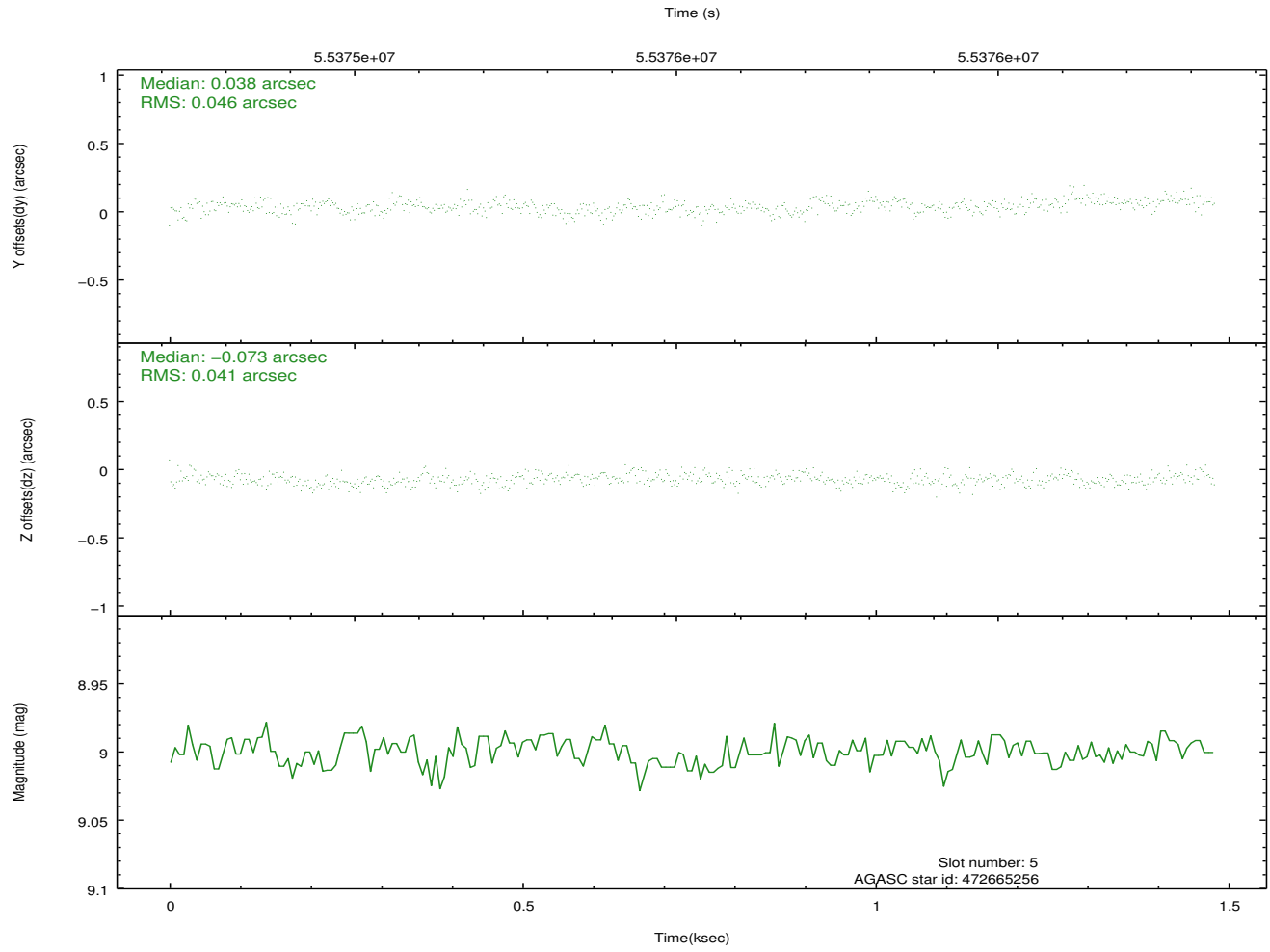
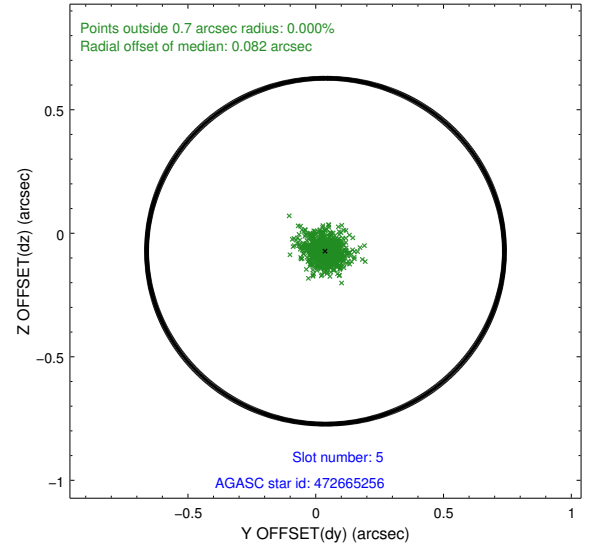
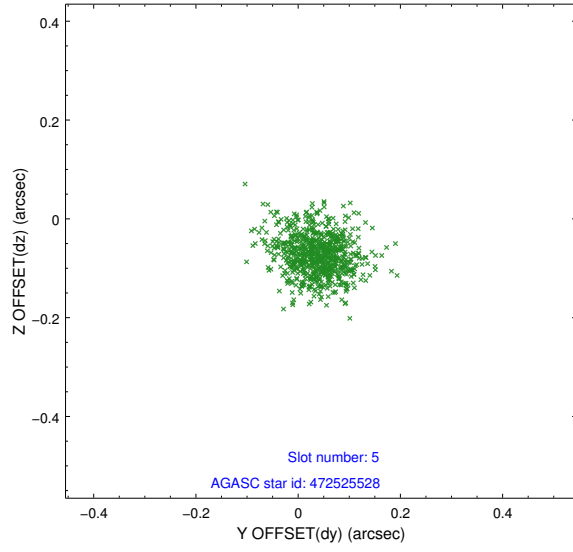
2.4.1 Slot 3



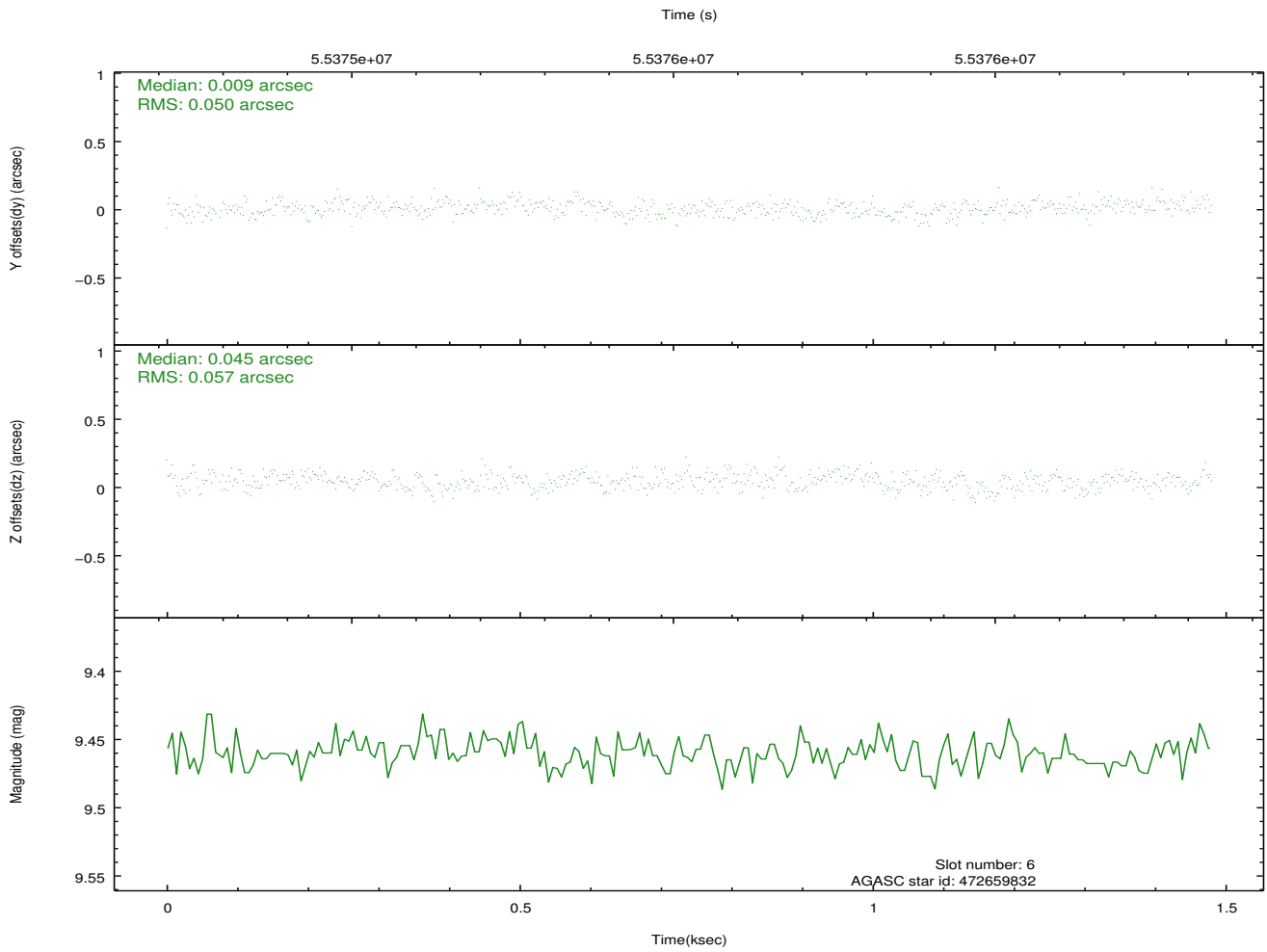
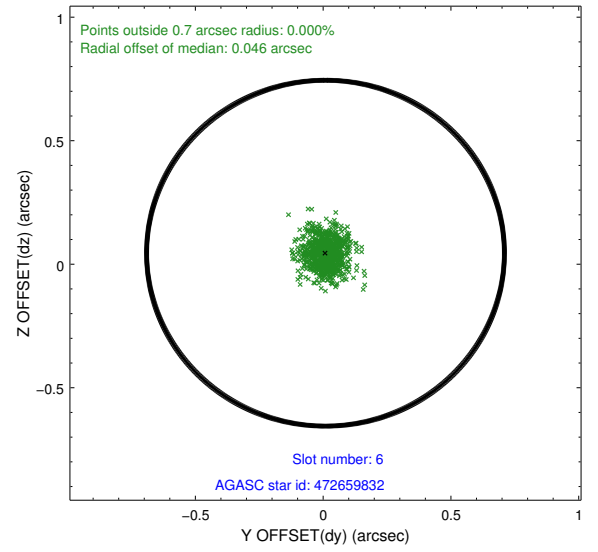
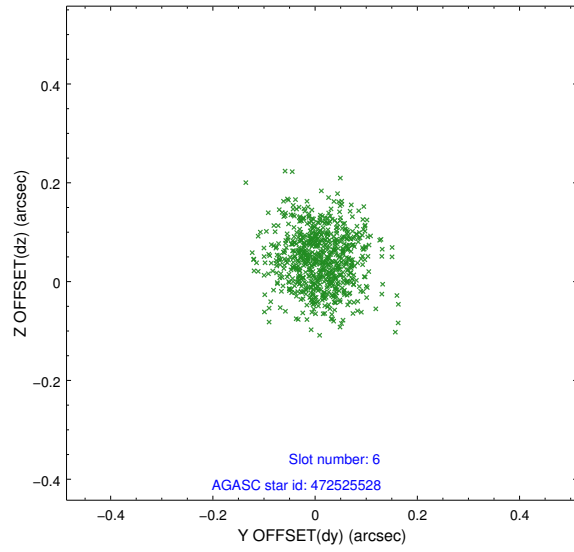
2.4.2 Slot 4



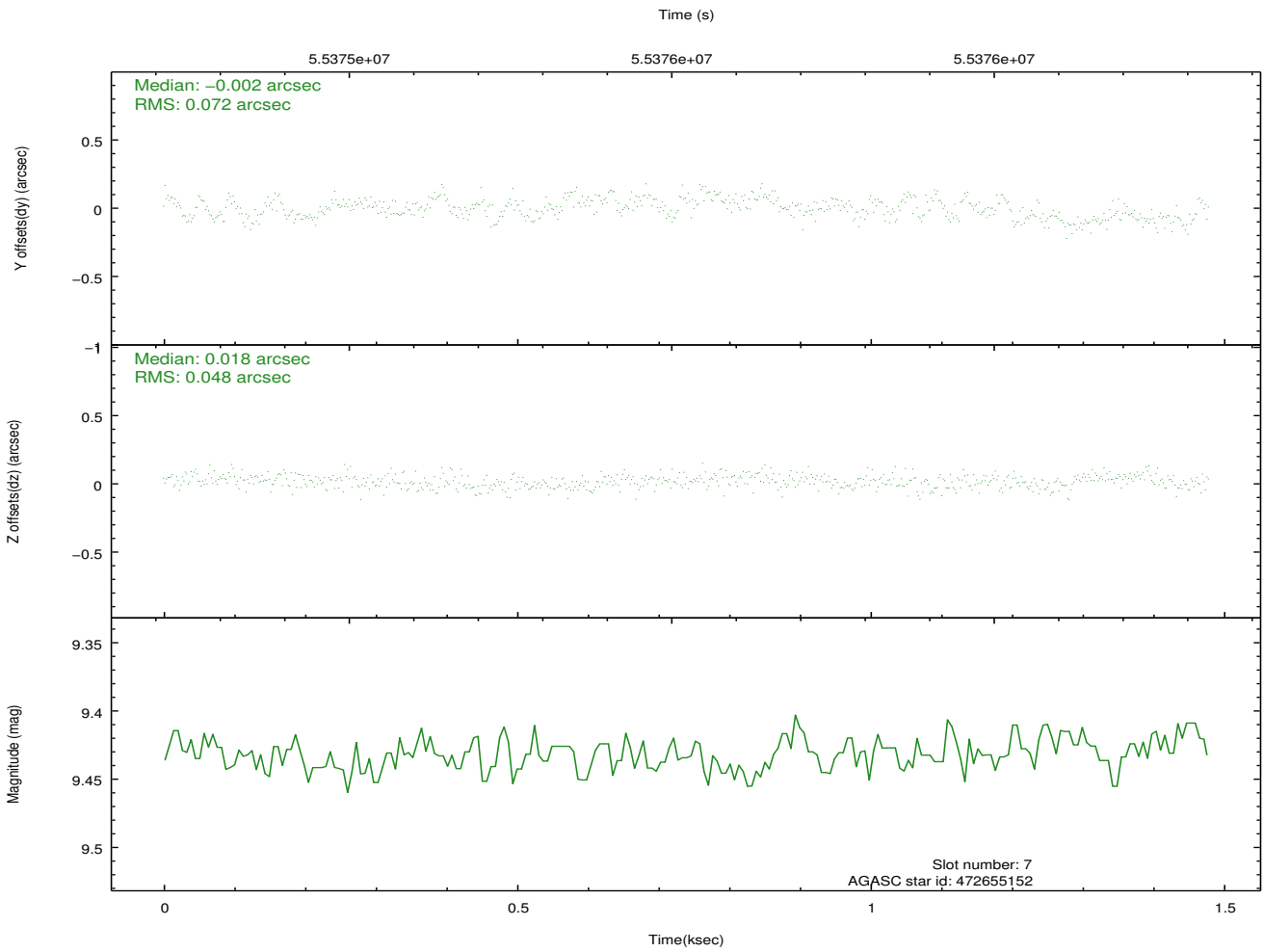
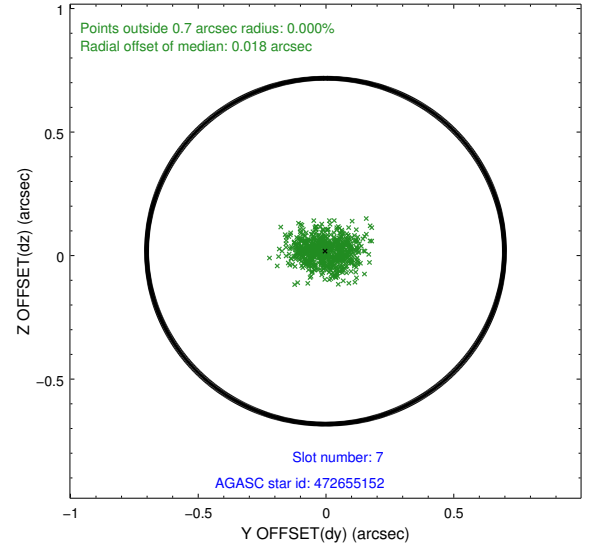
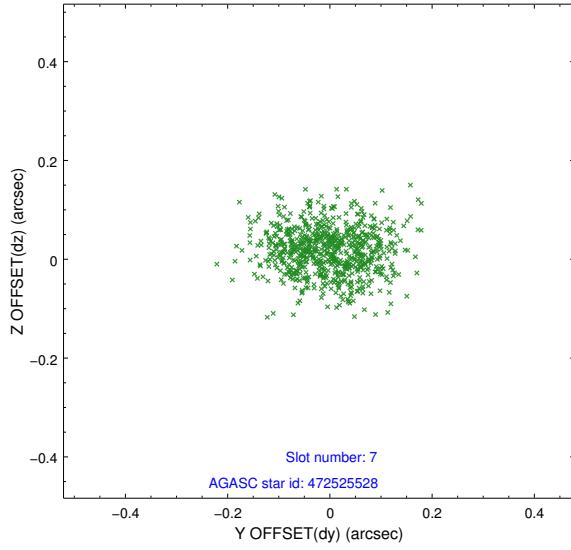
2.4.3 Slot 5



2.4.4 Slot 6

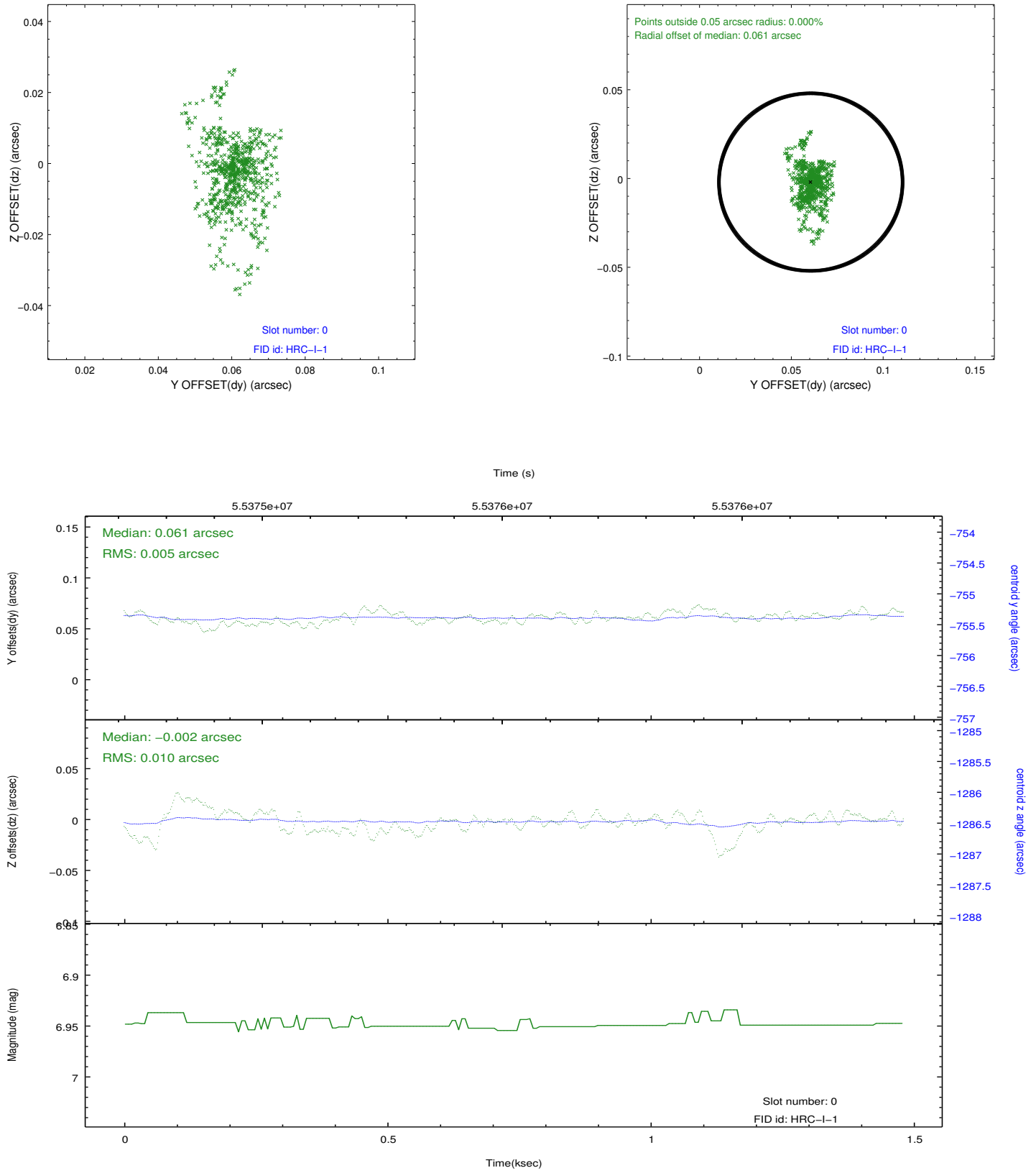


2.4.5 Slot 7

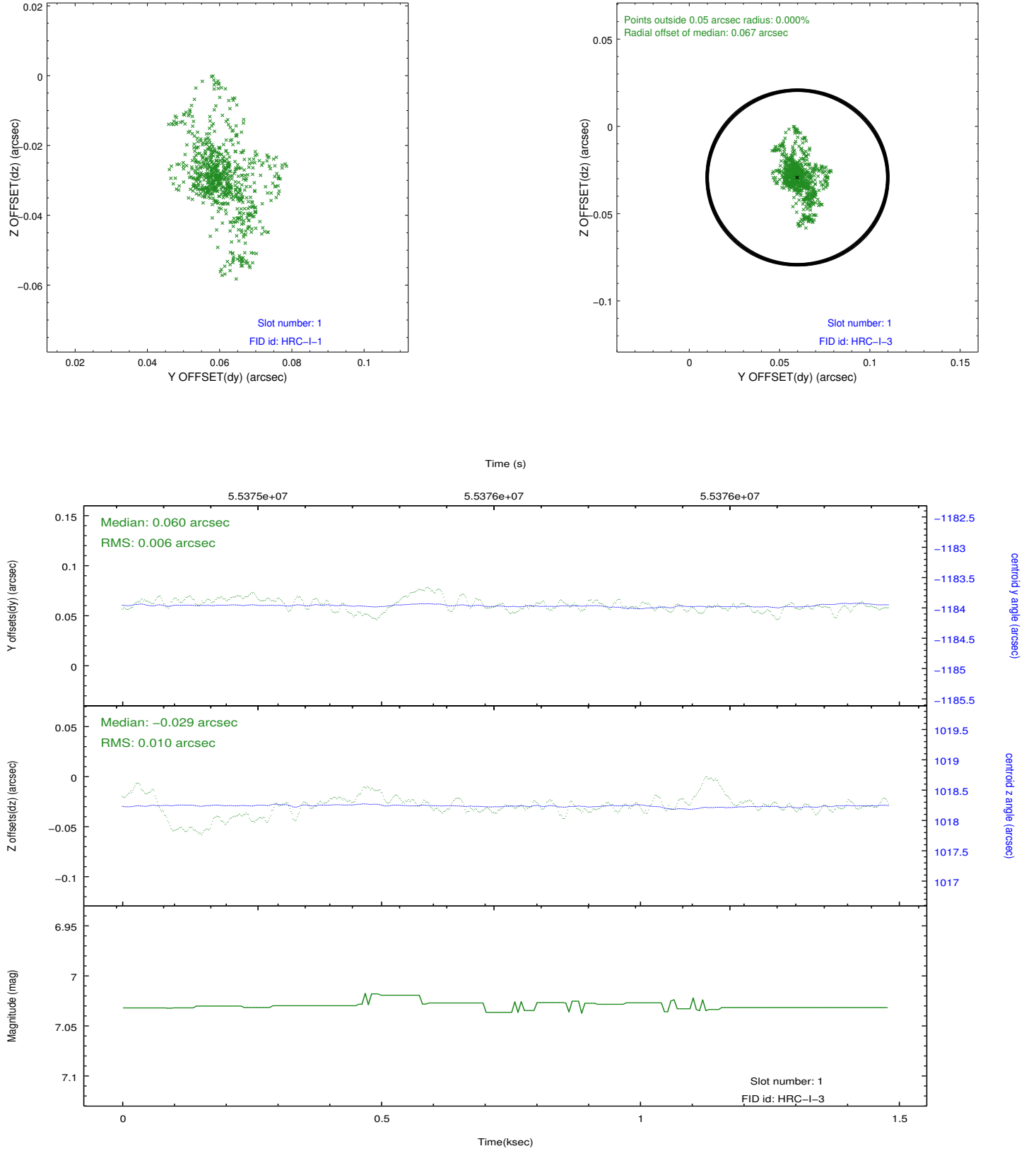


2.5 FID Slots

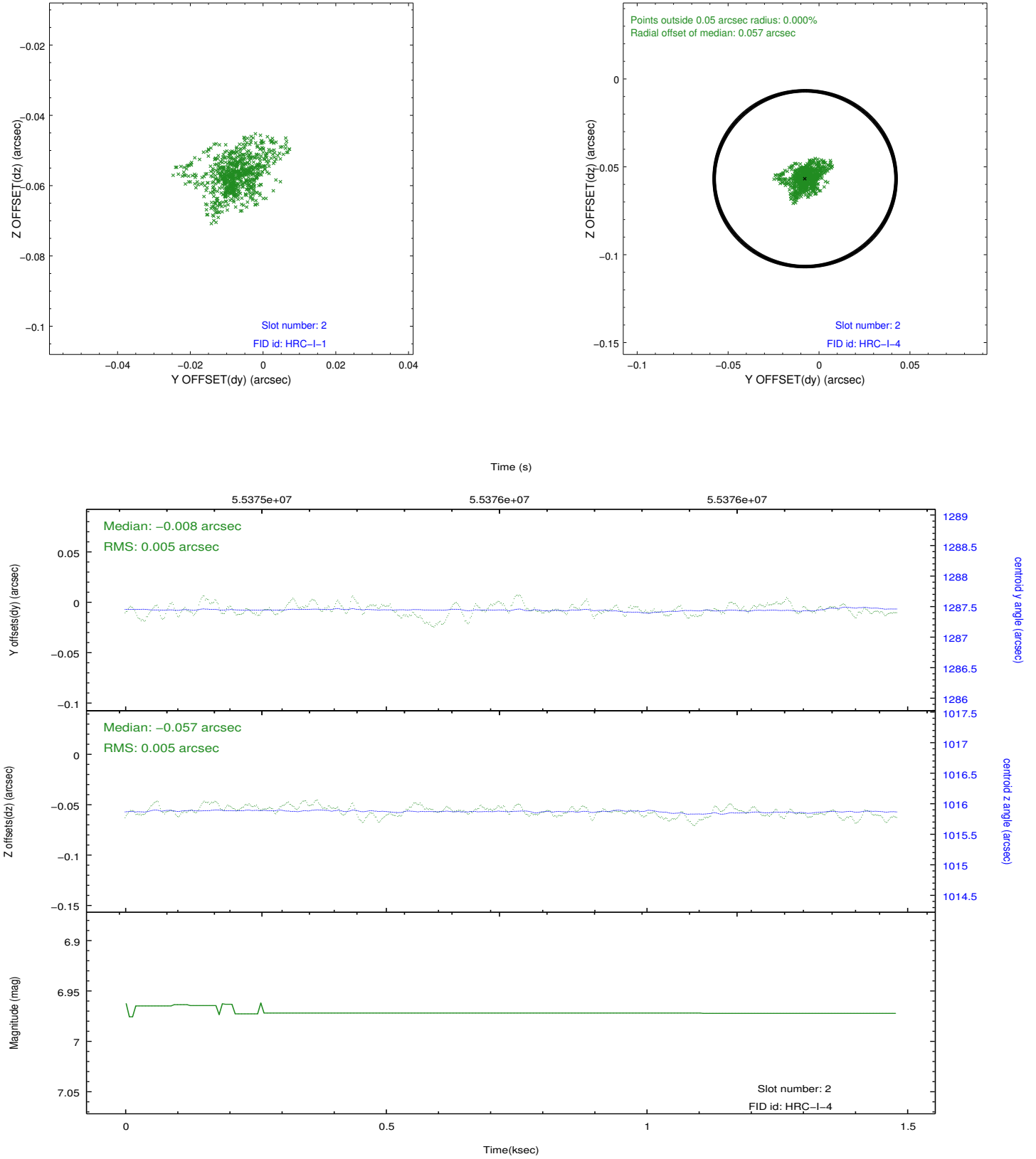
2.5.1 Slot 0



2.5.2 Slot 1

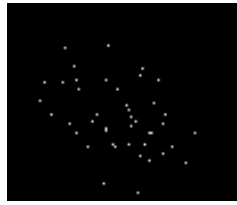


2.5.3 Slot 2



3 Point Sources

16.05 arcmin



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.10.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.001

A.2 Comments

AR LAC observations to study HRC-I spatial gain dependence on HV.
Source is off-axis.

==

Charge time for this ObsId remains at original value of 0.001 ks,
although
with the current processing the charge time would have been 0.758756
ksec.