

V&V Reference Report

L2 ASCDS Version : 8.1.1

Observation 1493 - L2 Version 5

Chandra X-Ray Center

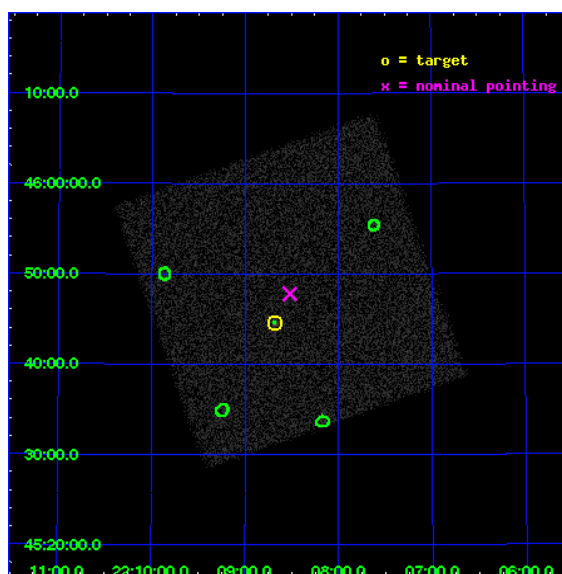
L2 Processing Date : Nov 25 2009

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1 Front

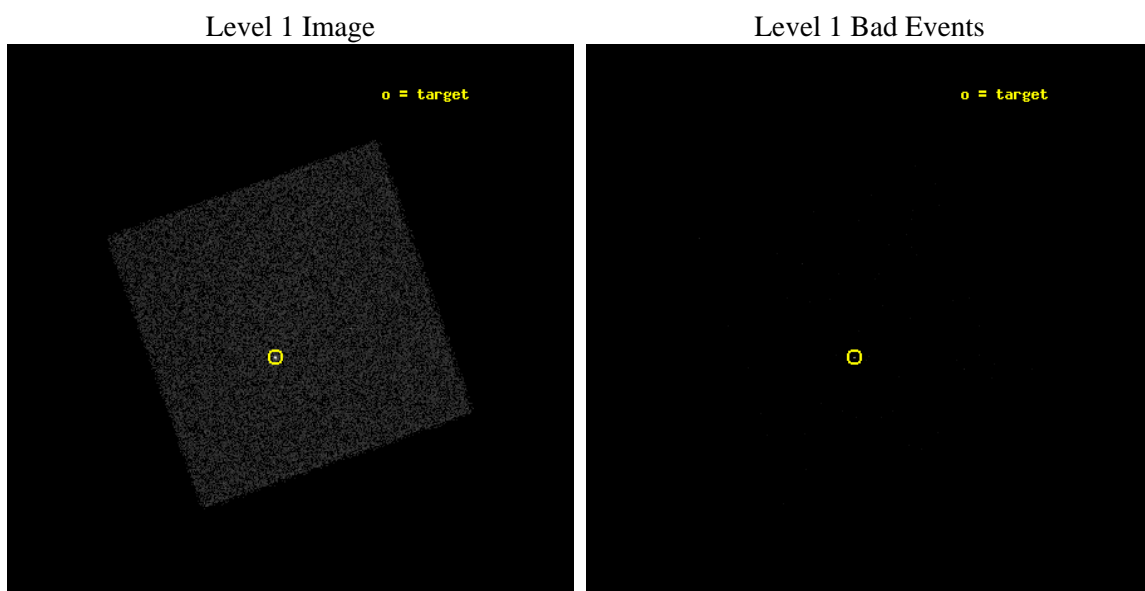
seq_num	280443	Sequence number
obs_id	1493	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.1701	Observer's specified target RA
dec_targ	45.7423	Observer's specified target Dec
ra_nom	332.12983592685	Nominal RA
dec_nom	45.79676637607	Nominal Dec
roll_nom	295.47189938651	Nominal Roll
revision	5	Processing version of data
ontime	1213.8562939316	[s]
livetime	1206.0262578469	Ontime multiplied by DTCOR
l2events	40695	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	8.1.1	Processing system revision	ontime	1213.8562939316	[s]
caldbver	4.1.4	 	l1events	62424	Number of level 1 events
date	2009-11-25T11:26:57	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

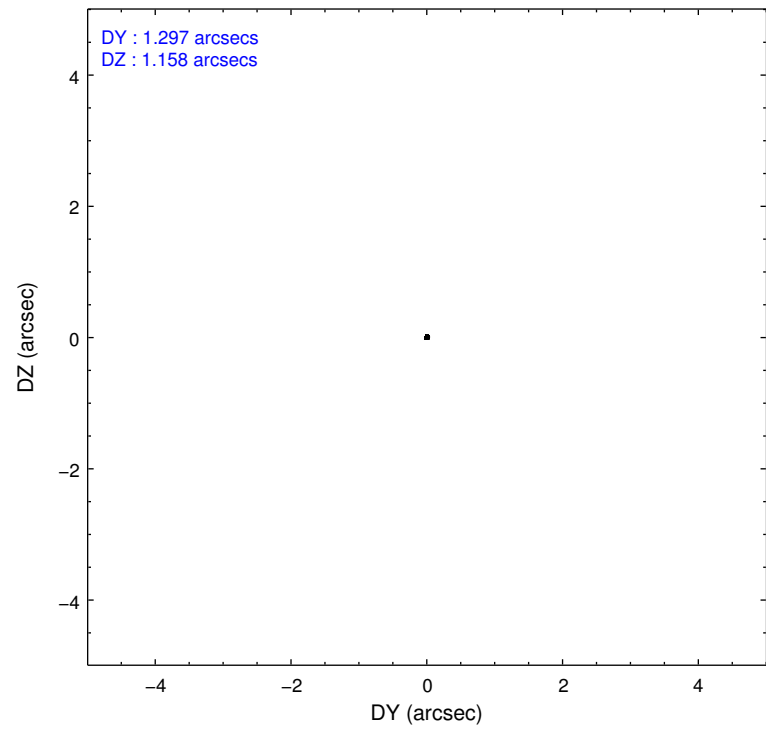
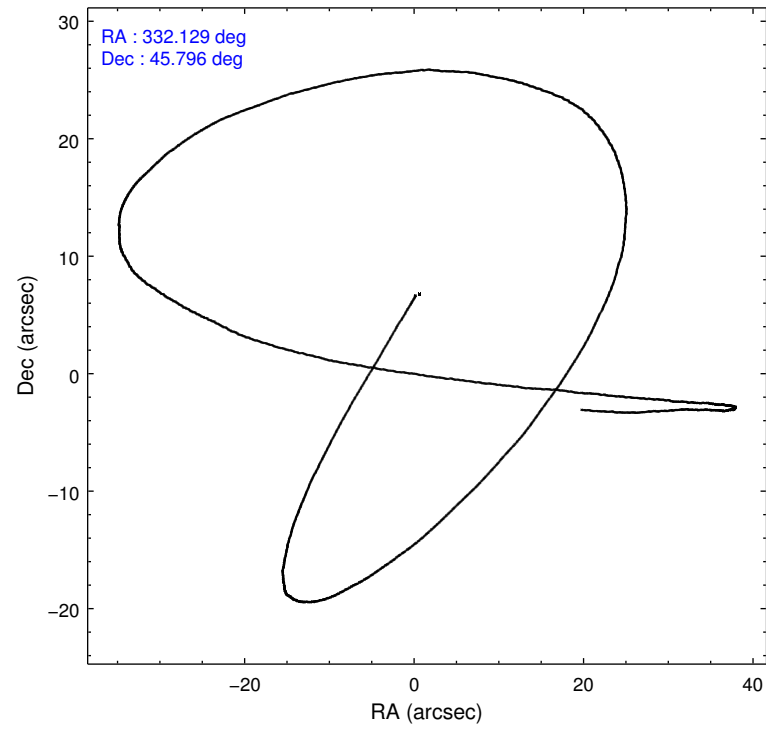
Level 1 Events

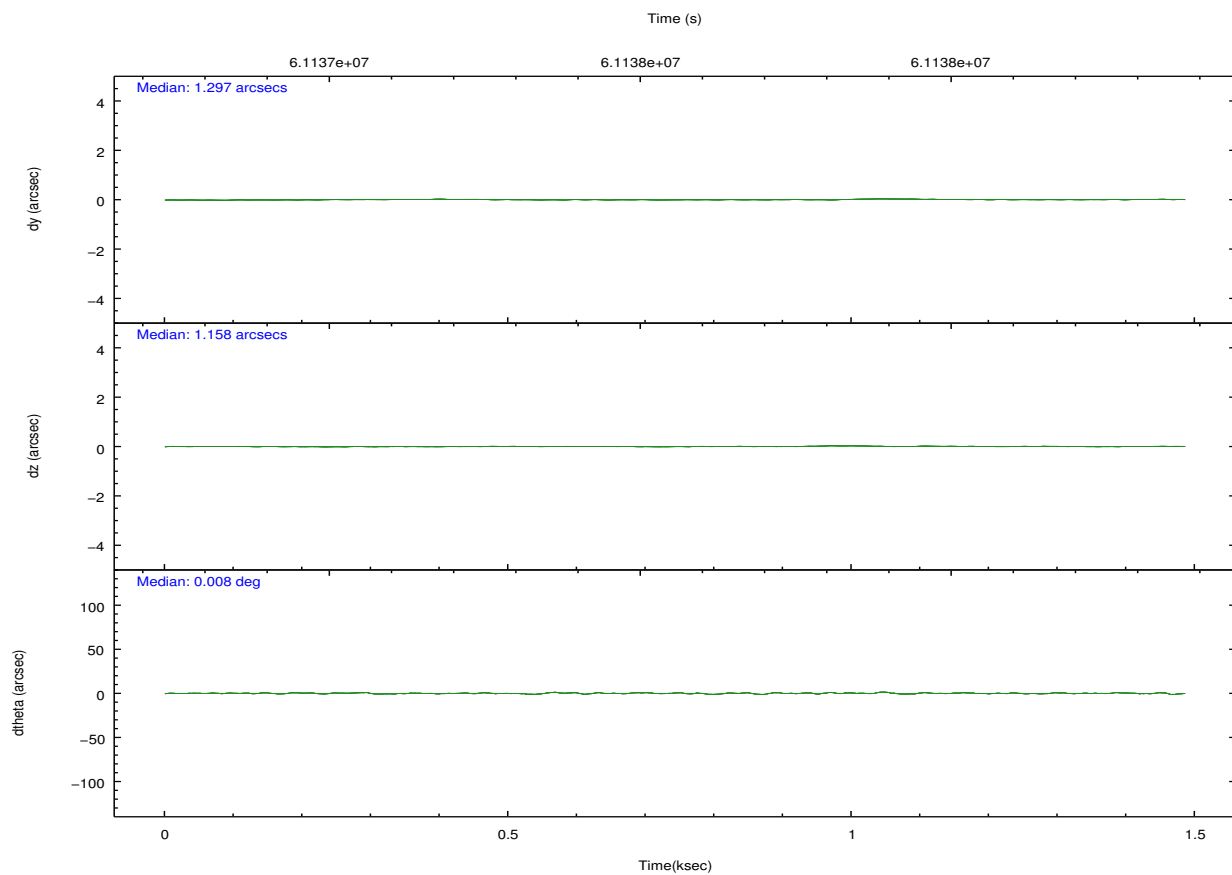
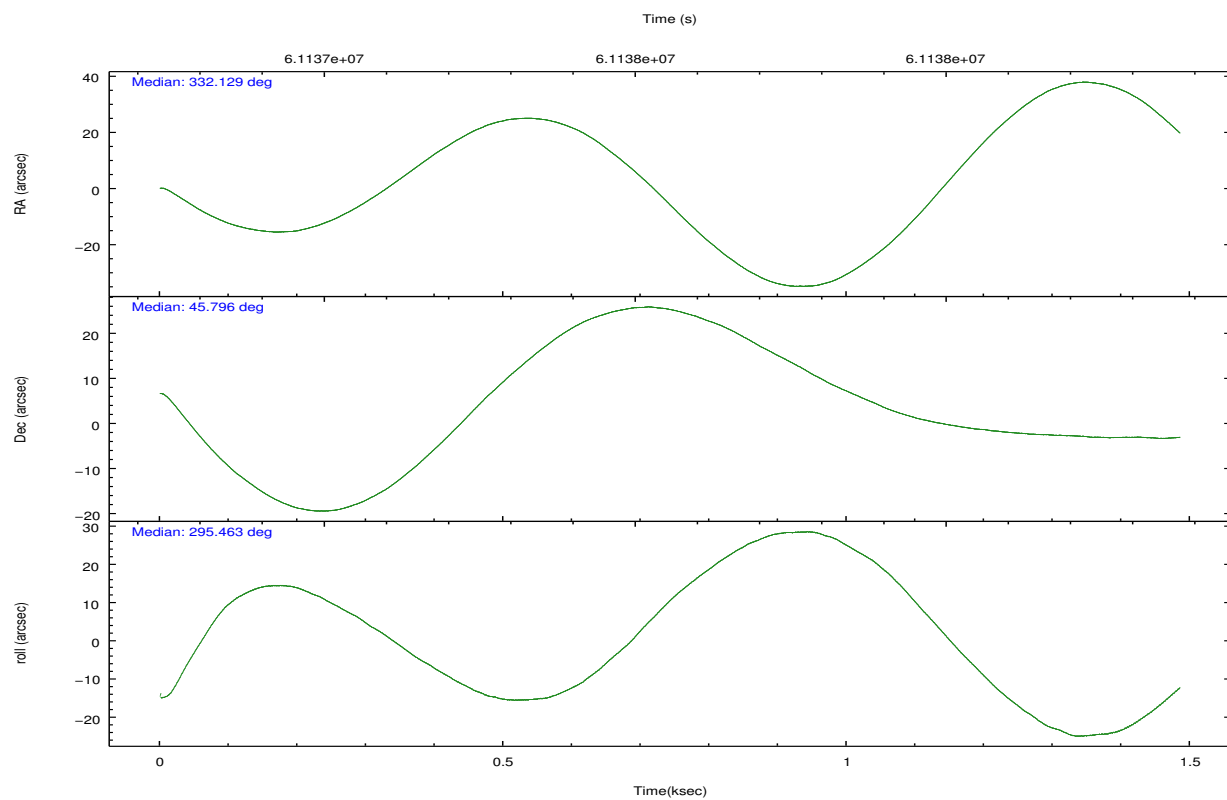
	segment 0
level 1 events	62424
rejected events	2499
rejected %	4%

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	332.096620	332.1298359268533			
Pointing Dec	45.813117	45.79676637606987			
Pointing Roll	295.591218	295.4718993865088			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9854943052878			
SIM translation stage offset (mm)	0	-5.413686238853188e-06			
Observation start time	61137299.184000	61136633.327791			
Observation start date	1999-12-09T14:33:55	1999-12-09T14:23:53			
Observation end time	61138299.184000	61138433.227856			
Observation end date	1999-12-09T14:50:35	1999-12-09T14:53:53			

2.3 Aspect



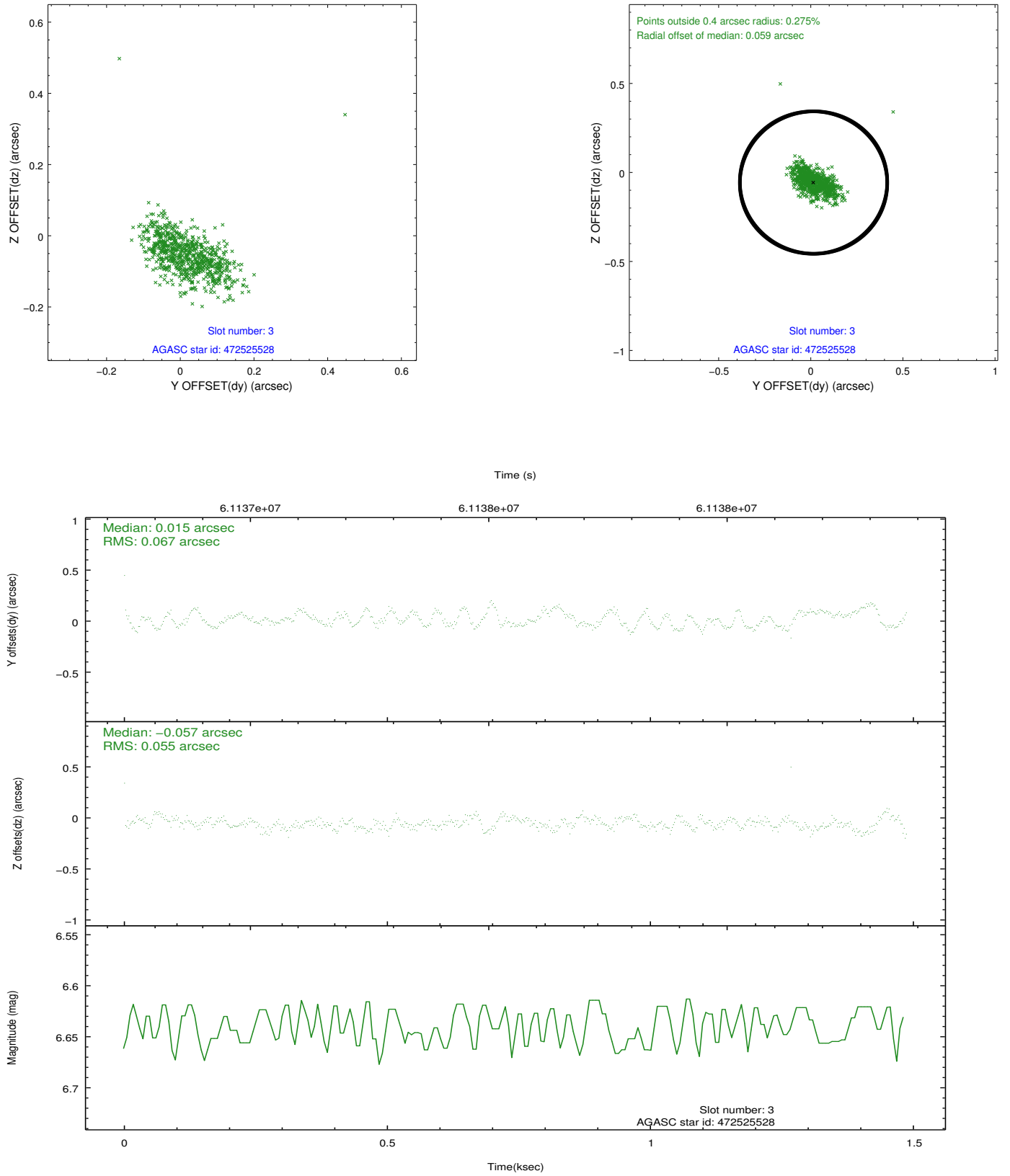


Slot Statistics

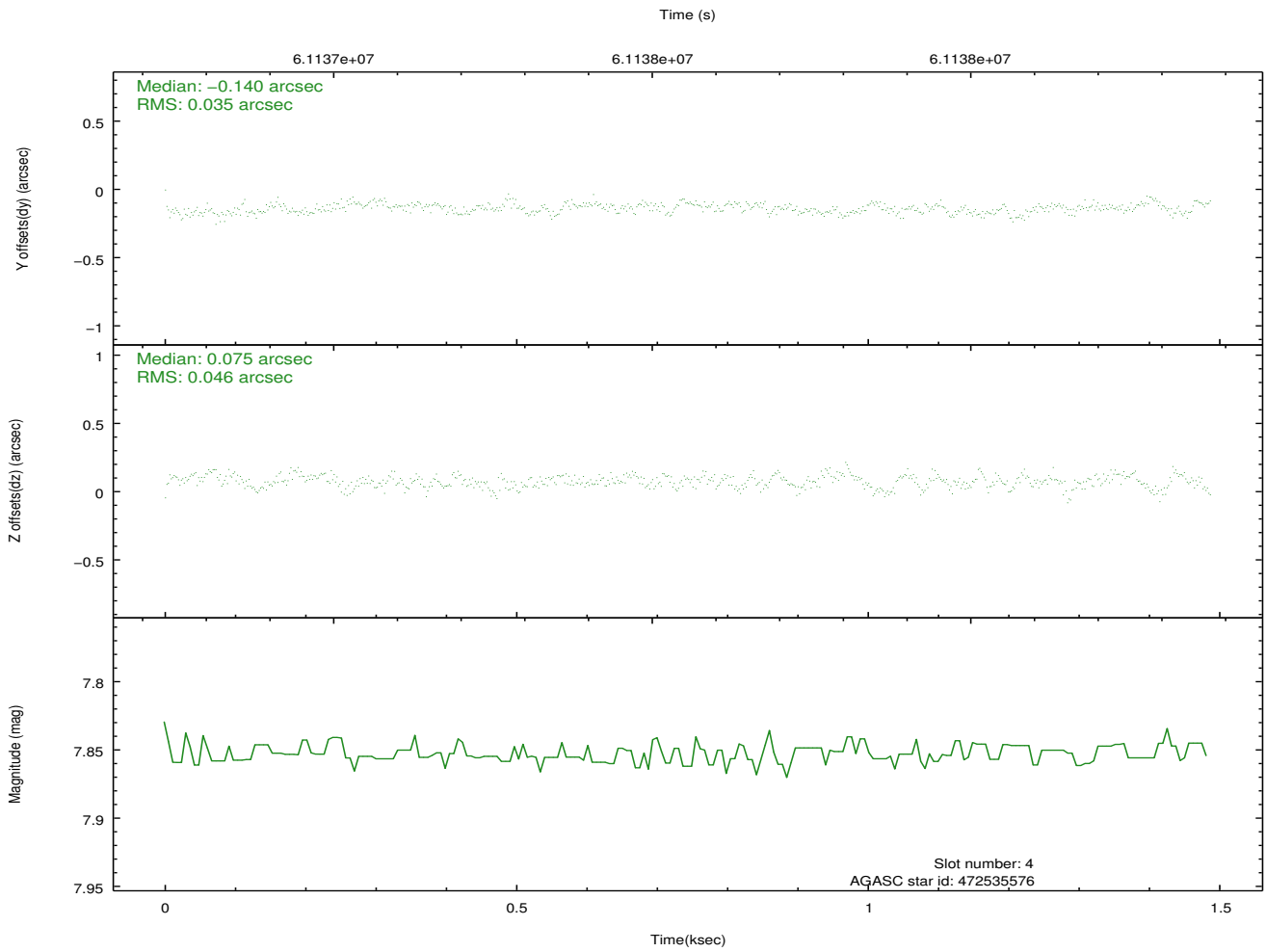
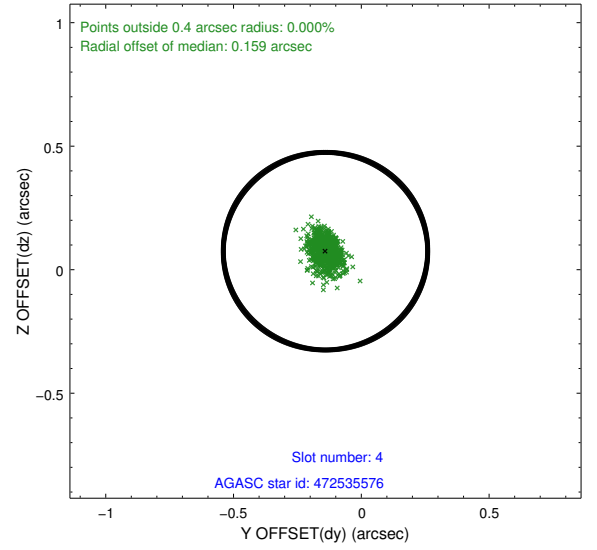
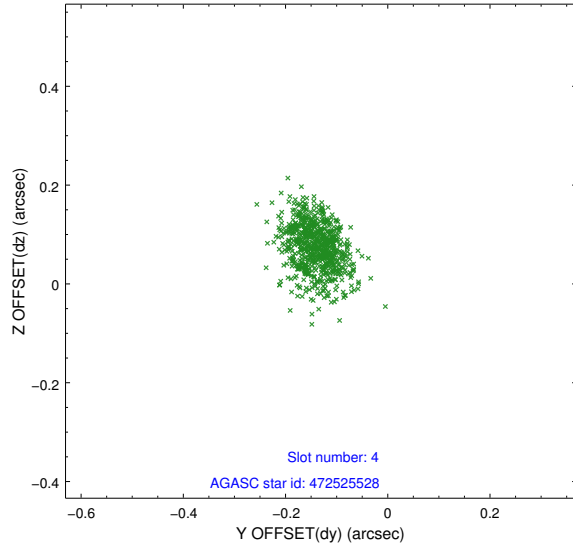
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	726	0.007	-0.054	0.006	0.010	0.000000	0.000000	-756.71	-1288.95
1	FID	HRC-I-3	7.04	726	0.056	-0.038	0.006	0.012	0.000000	0.000000	-1186.21	1013.85
2	FID	HRC-I-4	6.99	726	0.052	0.002	0.005	0.009	0.000000	0.000000	1284.47	1014.69
3	GUIDE	472525528	6.64	726	0.015	-0.057	0.088	0.141	331.551102	45.248694	1228.31	-2122.31
4	GUIDE	472535576	7.85	726	-0.140	0.075	0.060	0.104	331.438373	46.291802	-2269.13	-732.50
5	GUIDE	472665256	9.02	726	-0.081	-0.092	0.084	0.132	332.808125	46.195041	-488.08	2195.46
6	GUIDE	472659832	9.47	725	0.021	0.055	0.098	0.167	332.780399	46.098139	-198.87	1989.16
7	GUIDE	472655704	9.48	725	0.176	0.018	0.093	0.153	332.167195	45.285228	1787.94	-656.36

2.4 Star Slots

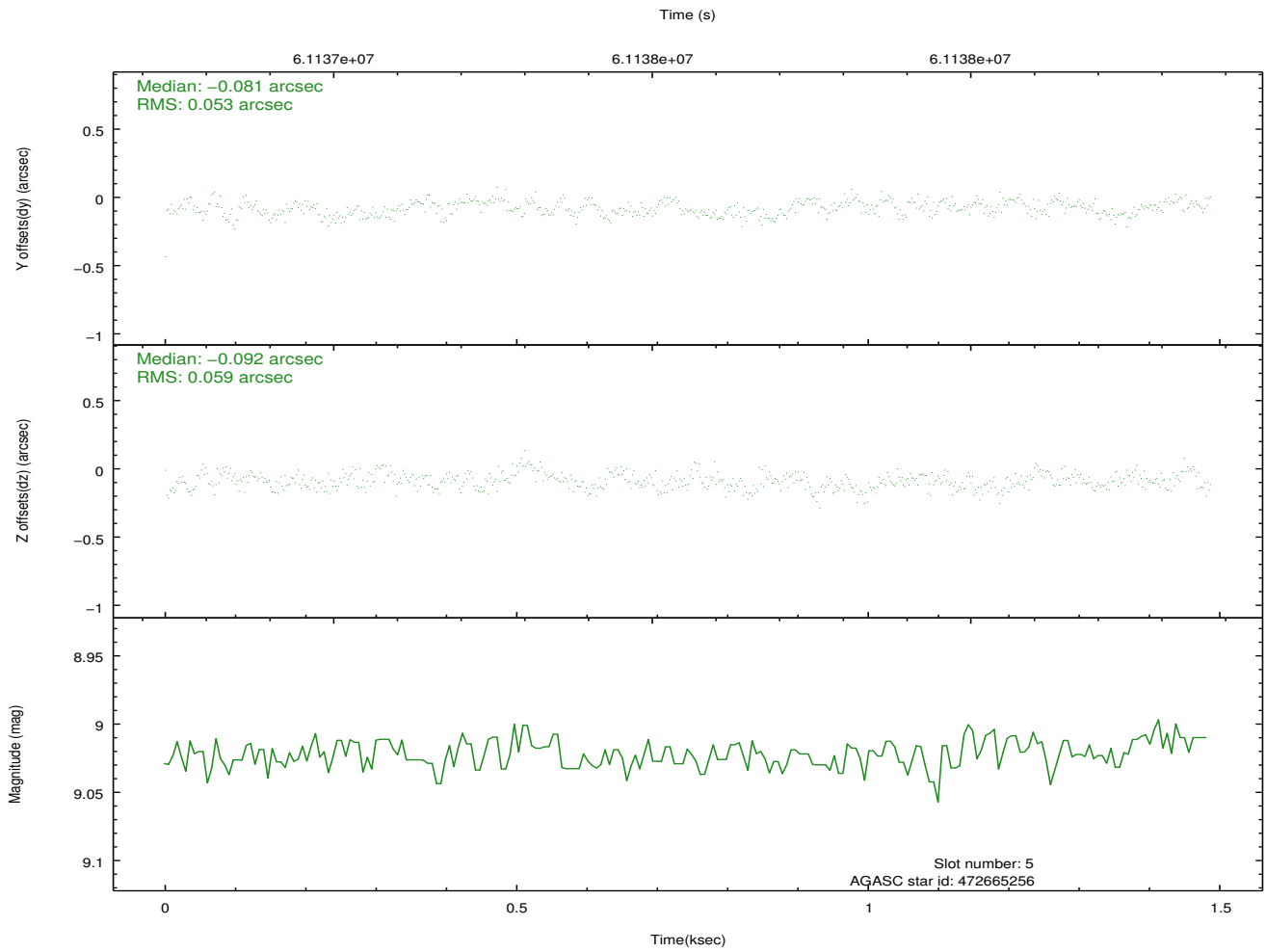
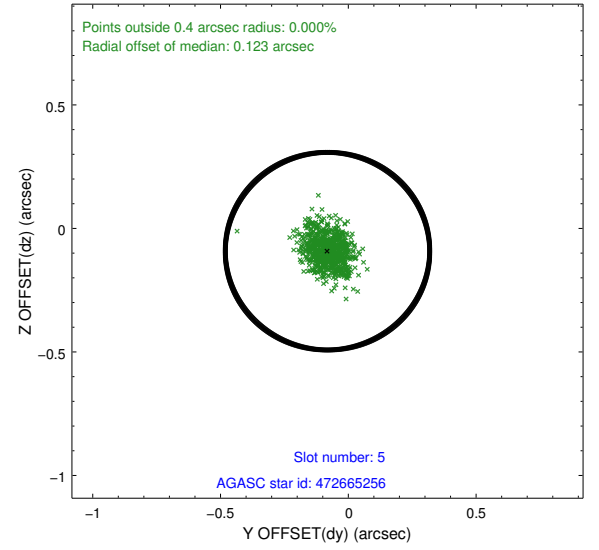
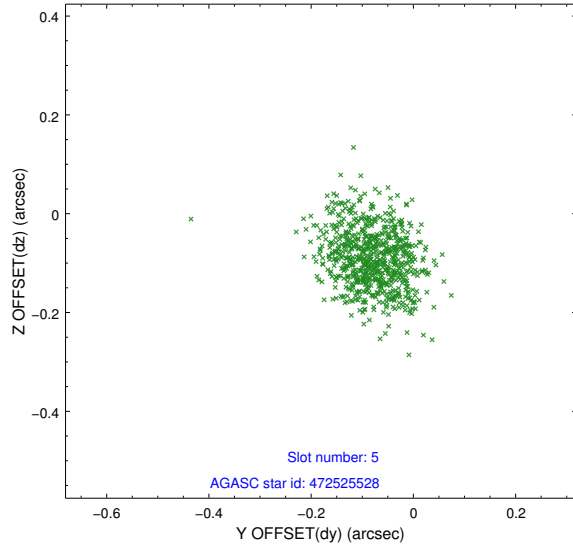
2.4.1 Slot 3



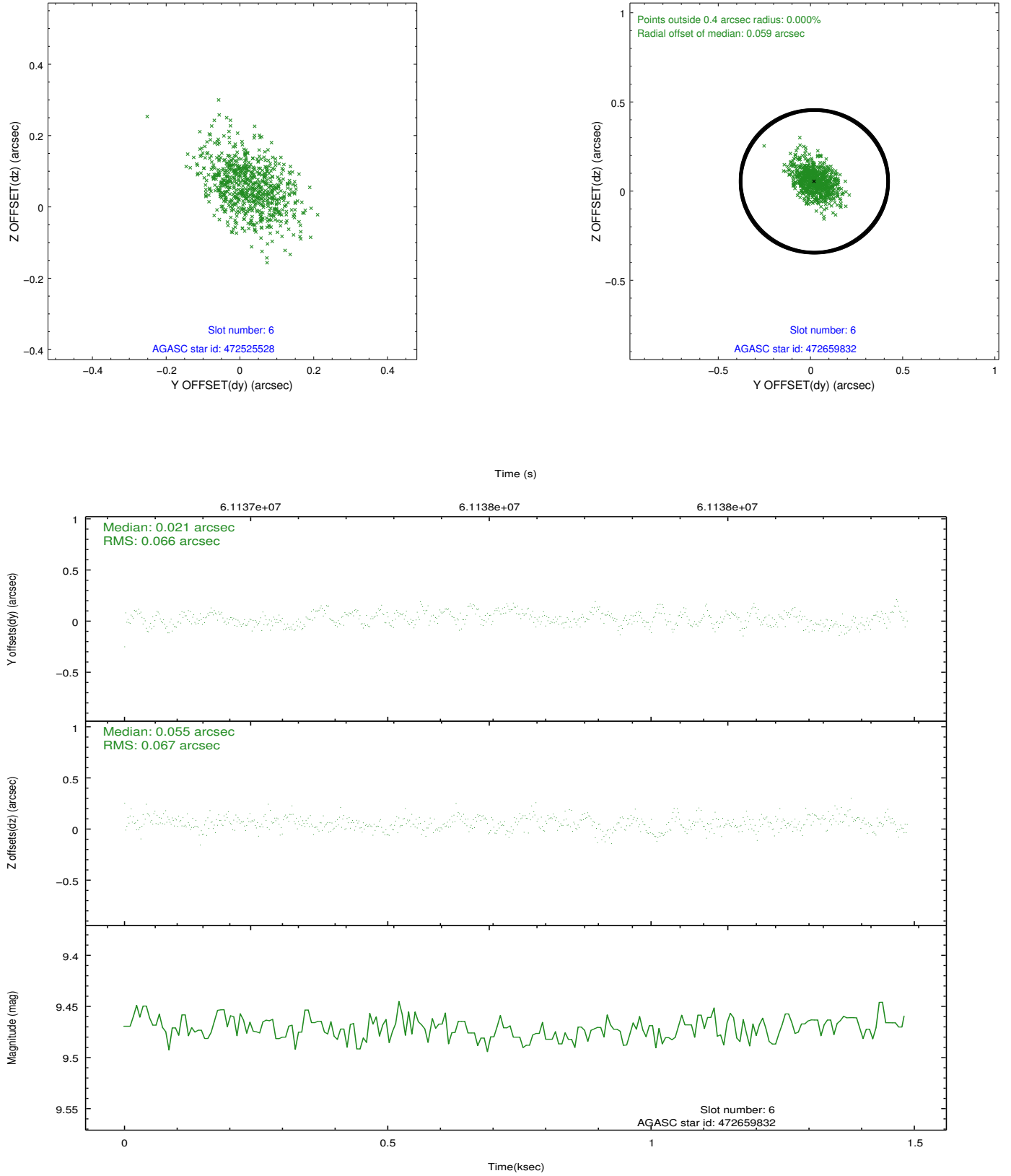
2.4.2 Slot 4



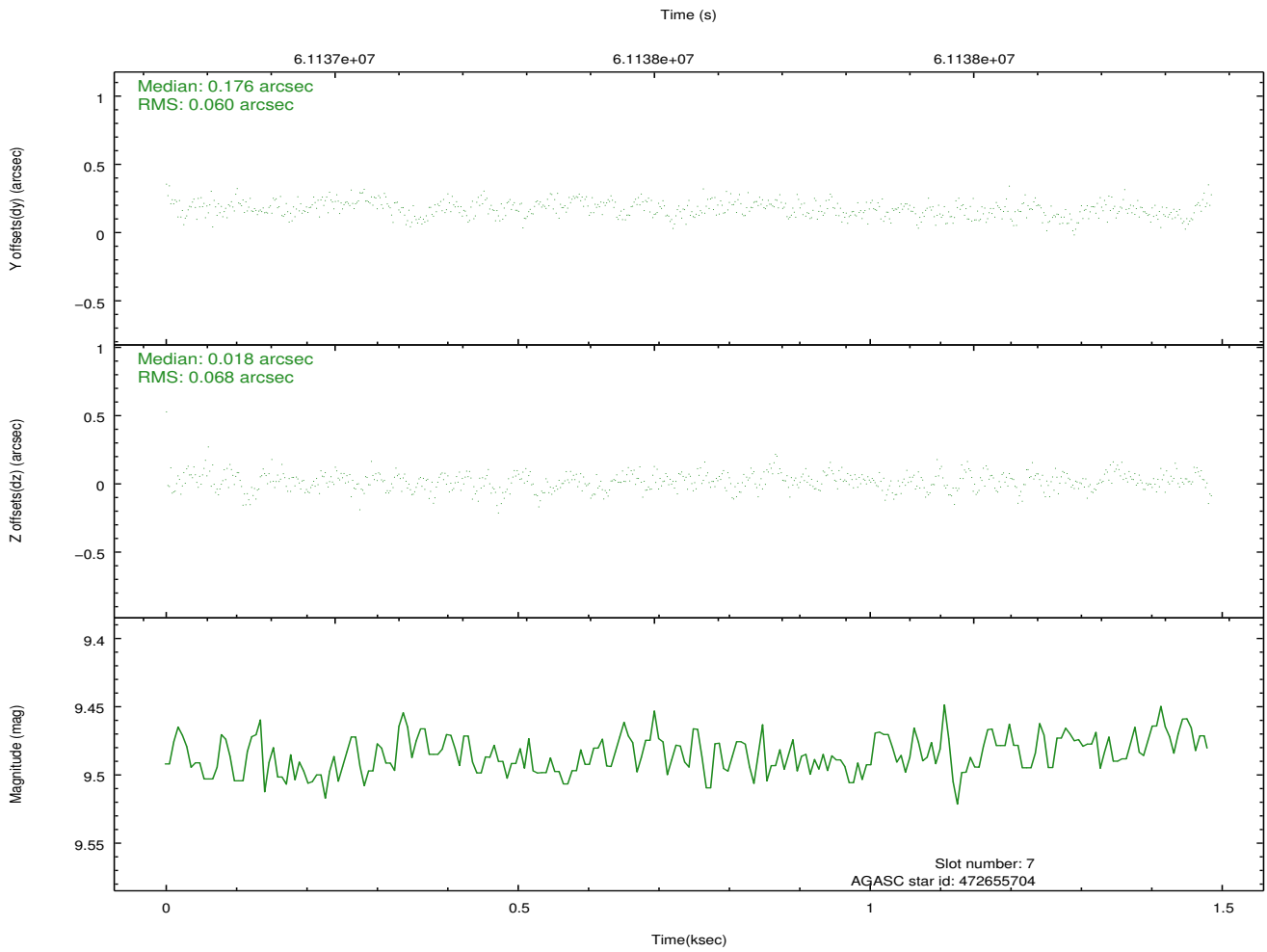
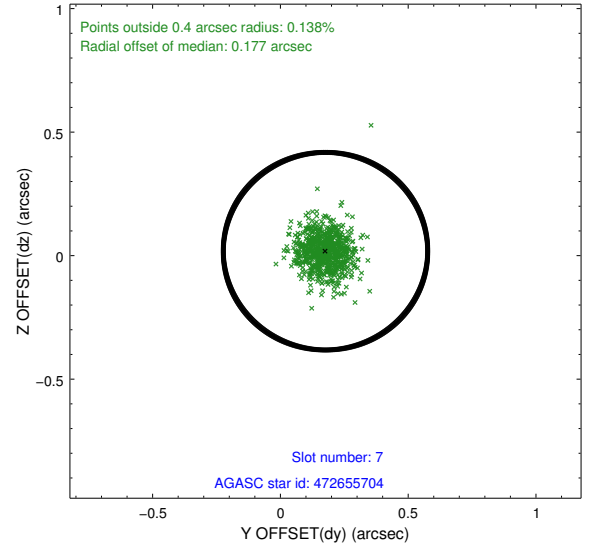
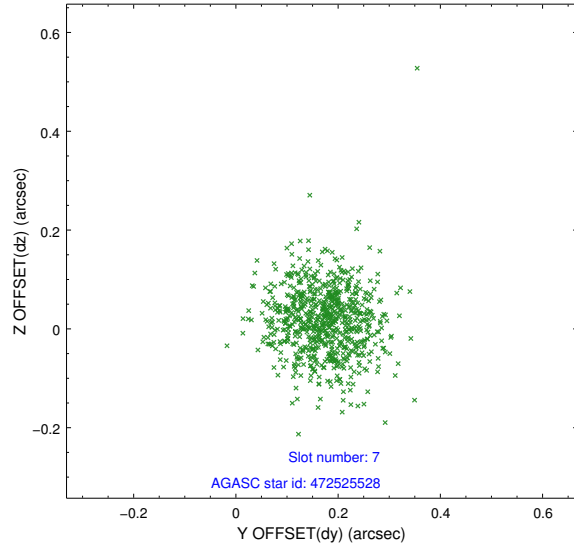
2.4.3 Slot 5



2.4.4 Slot 6

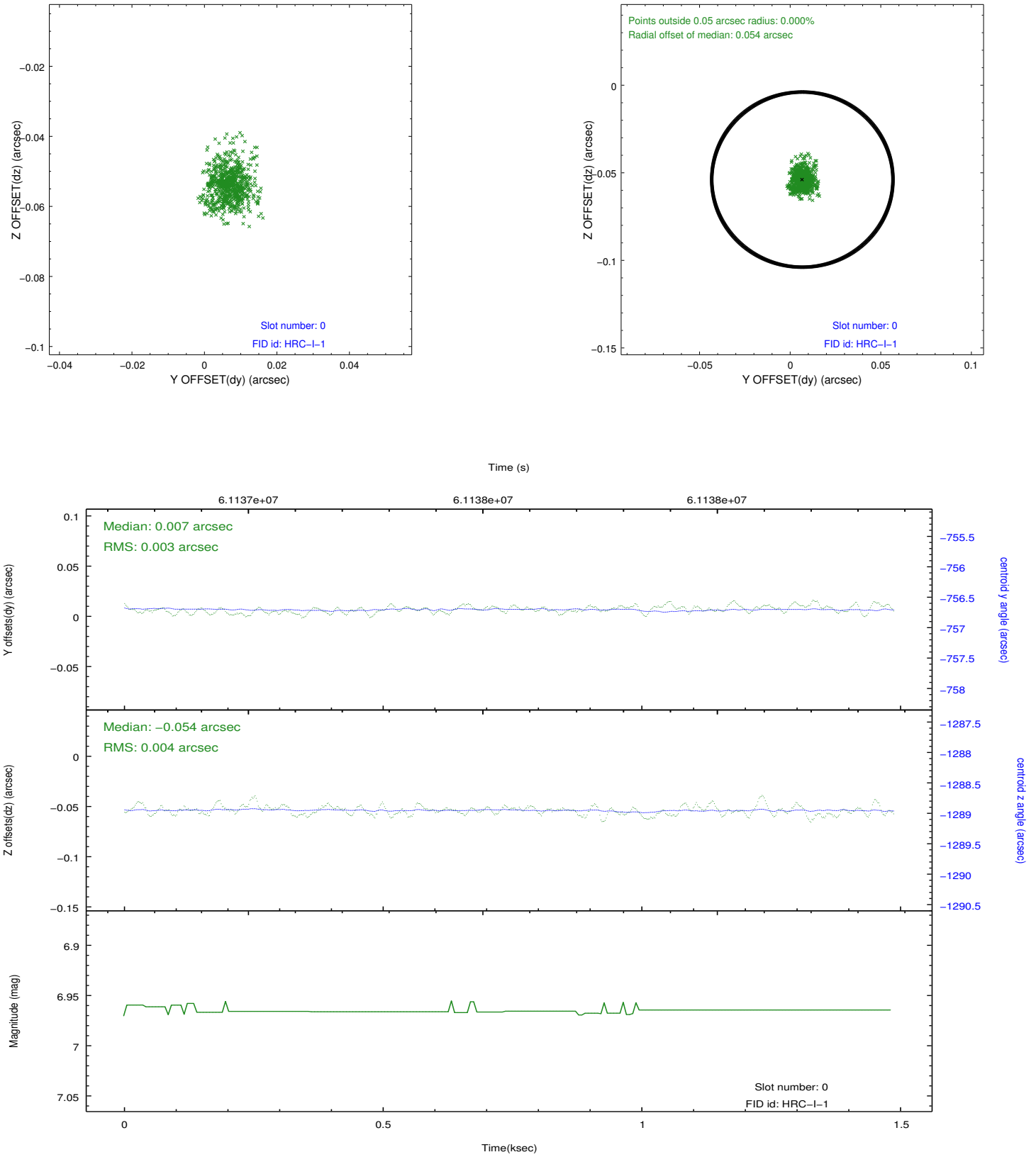


2.4.5 Slot 7

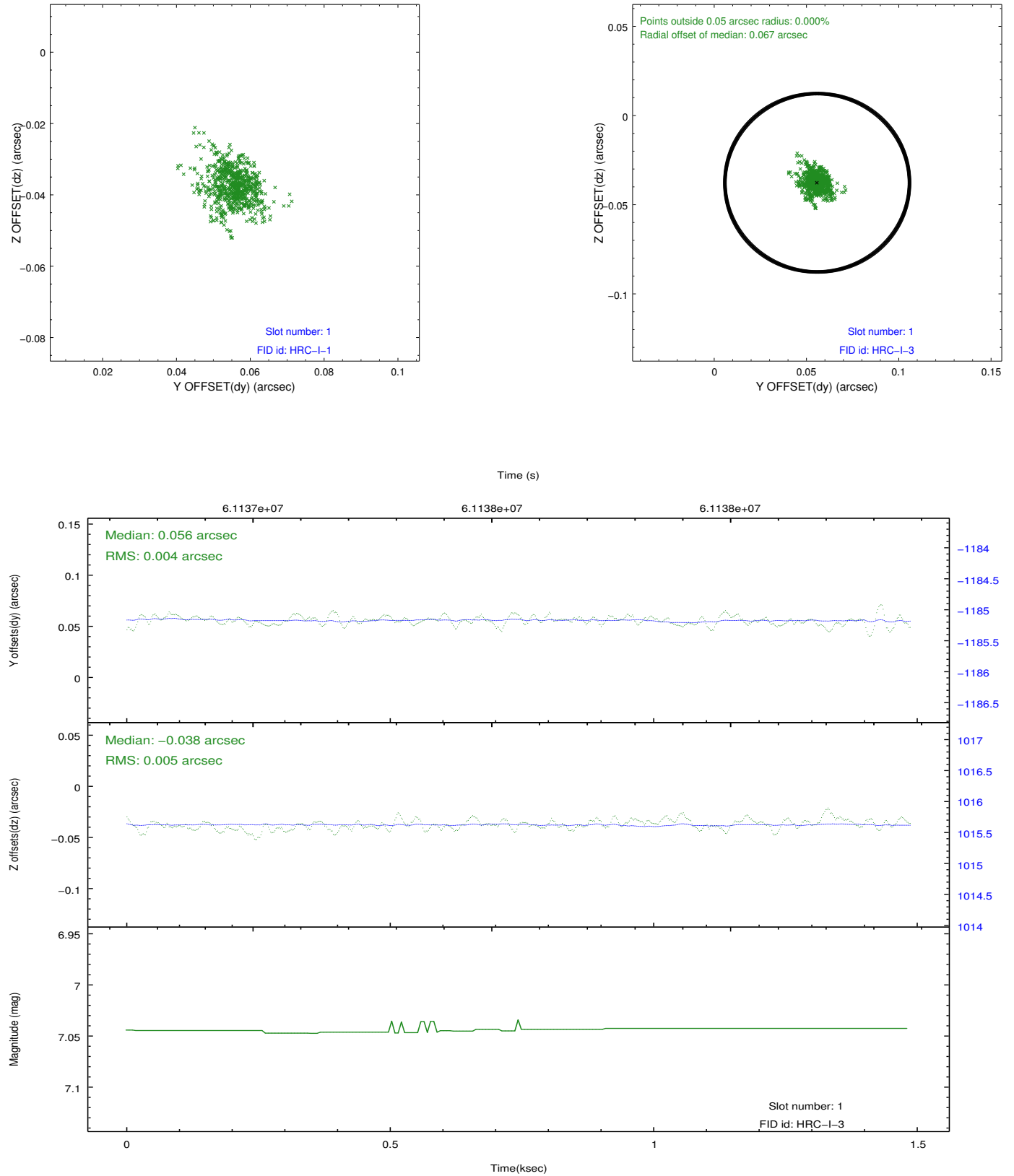


2.5 FID Slots

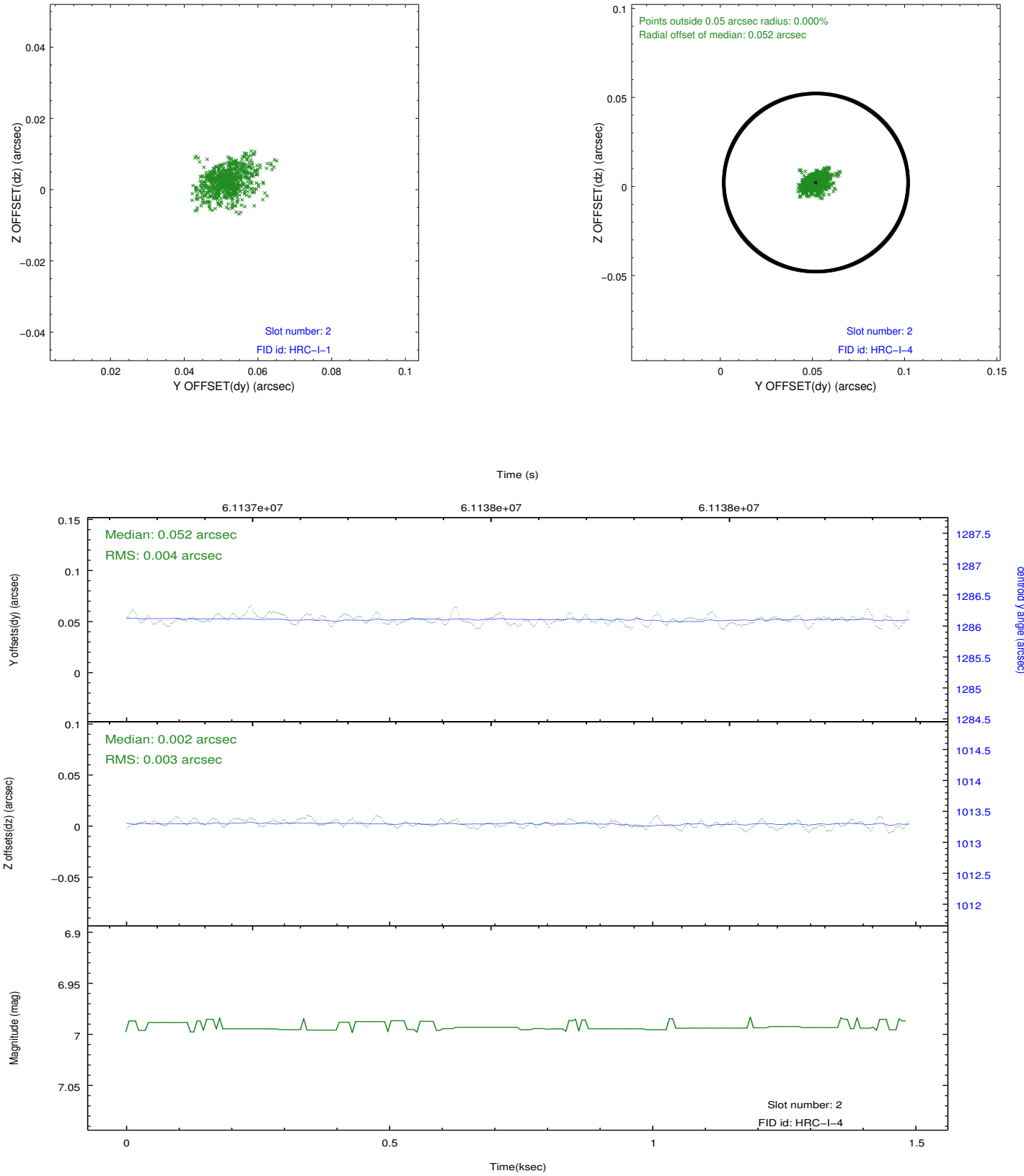
2.5.1 Slot 0



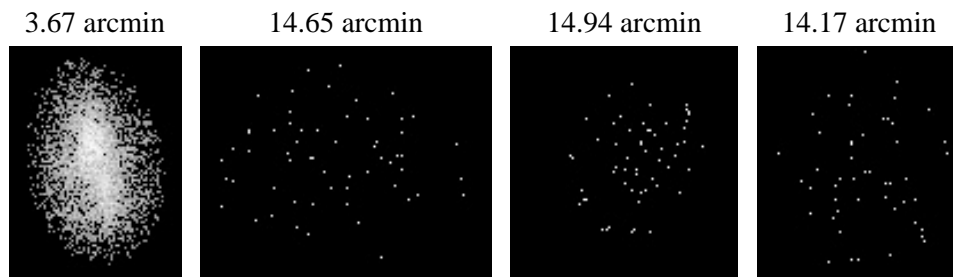
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2009.11.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.213

A.2 Comments

HRC-I cal: ARLac for image blur