

V&V Reference Report

L2 ASCDS Version : 8.1.1

Observation 1485 - L2 Version 5
Chandra X-Ray Center

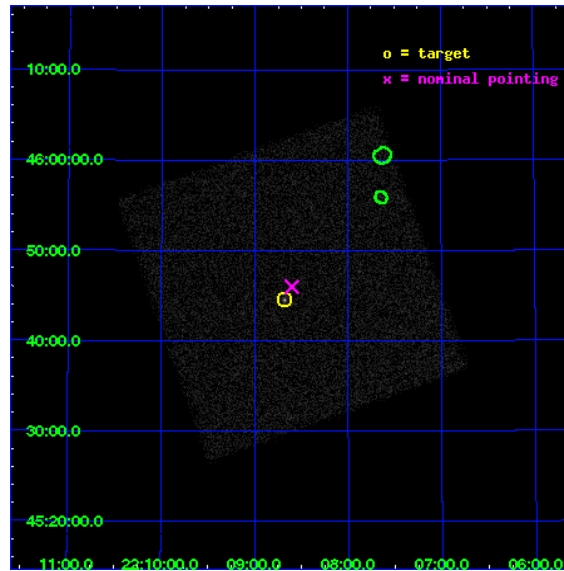
L2 Processing Date : Nov 25 2009

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1 Front

seq_num	280435	Sequence number
obs_id	1485	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	332.15053197754	Nominal RA
dec_nom	45.766716738802	Nominal Dec
roll_nom	295.32923302127	Nominal Roll
revision	5	Processing version of data
ontime	1213.8562939316	[s]
livetime	1205.9130142787	Ontime multiplied by DTCOR
l2events	41721	Number of level 2 events

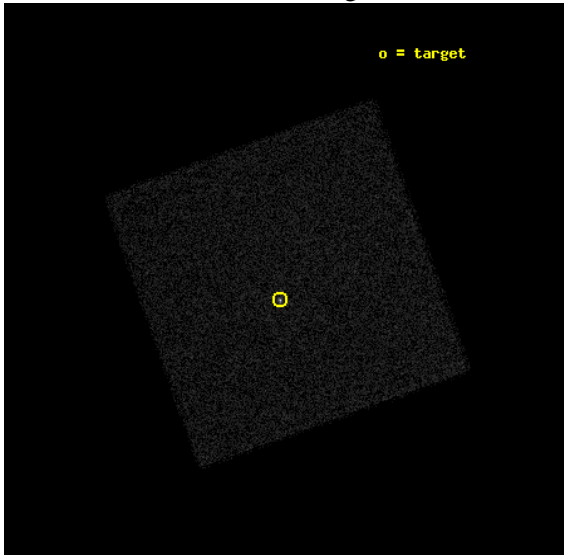


2 OBI

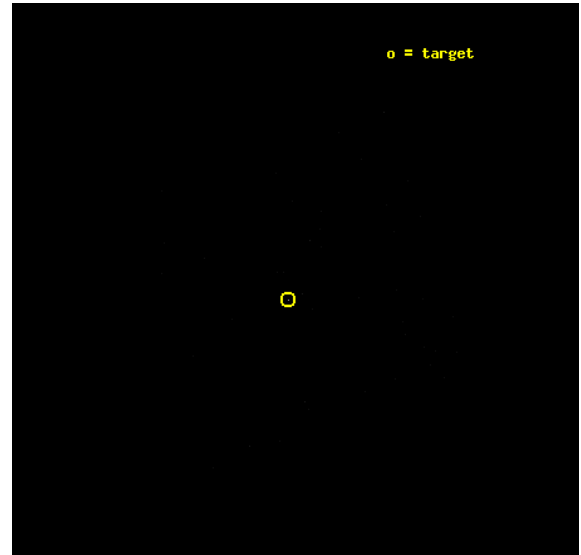
2.1 OBI

2.1.1 Images

Level 1 Image



Level 1 Bad Events



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	63855	Number of level 1 events
date	2009-11-25T11:39:00	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

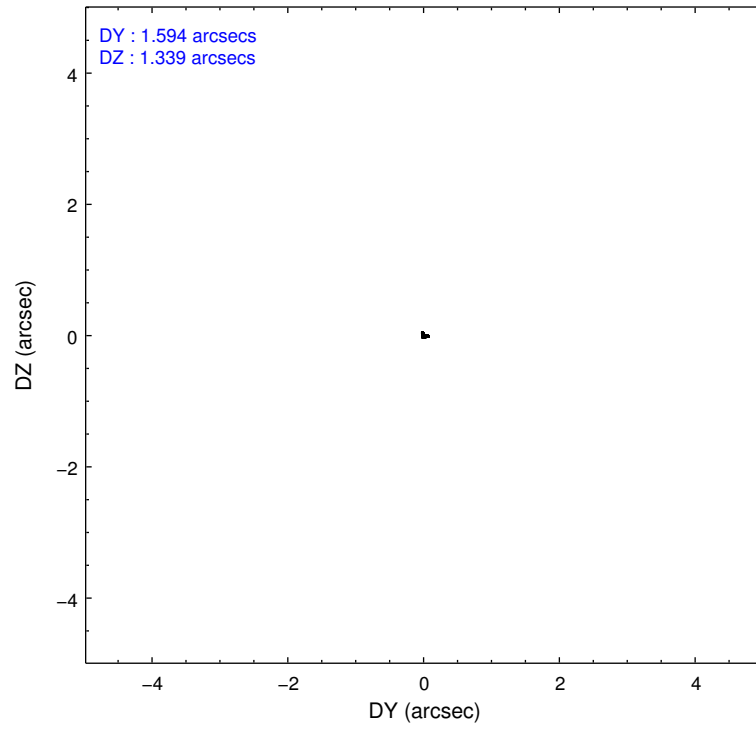
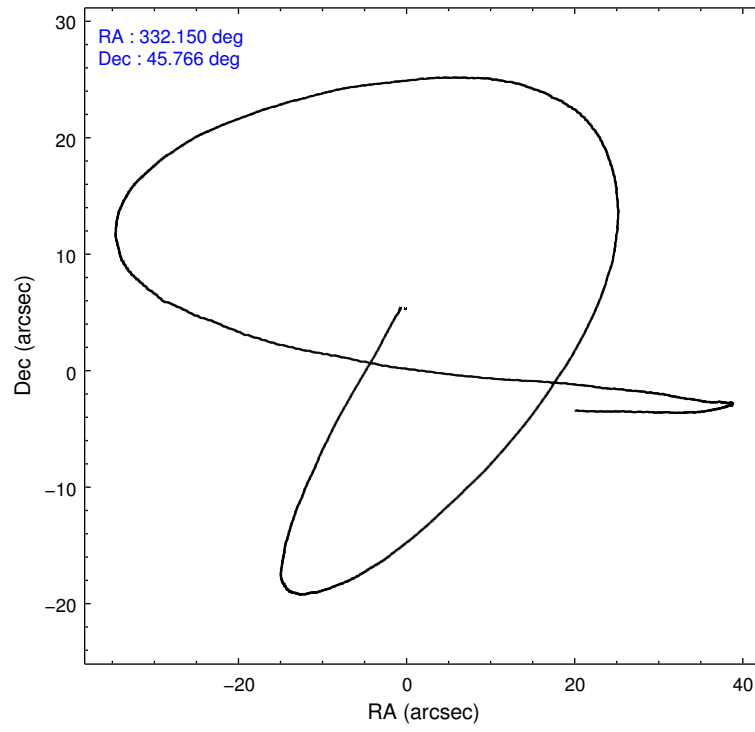
	segment 0
level 1 events	63855
rejected events	2538
rejected %	3%

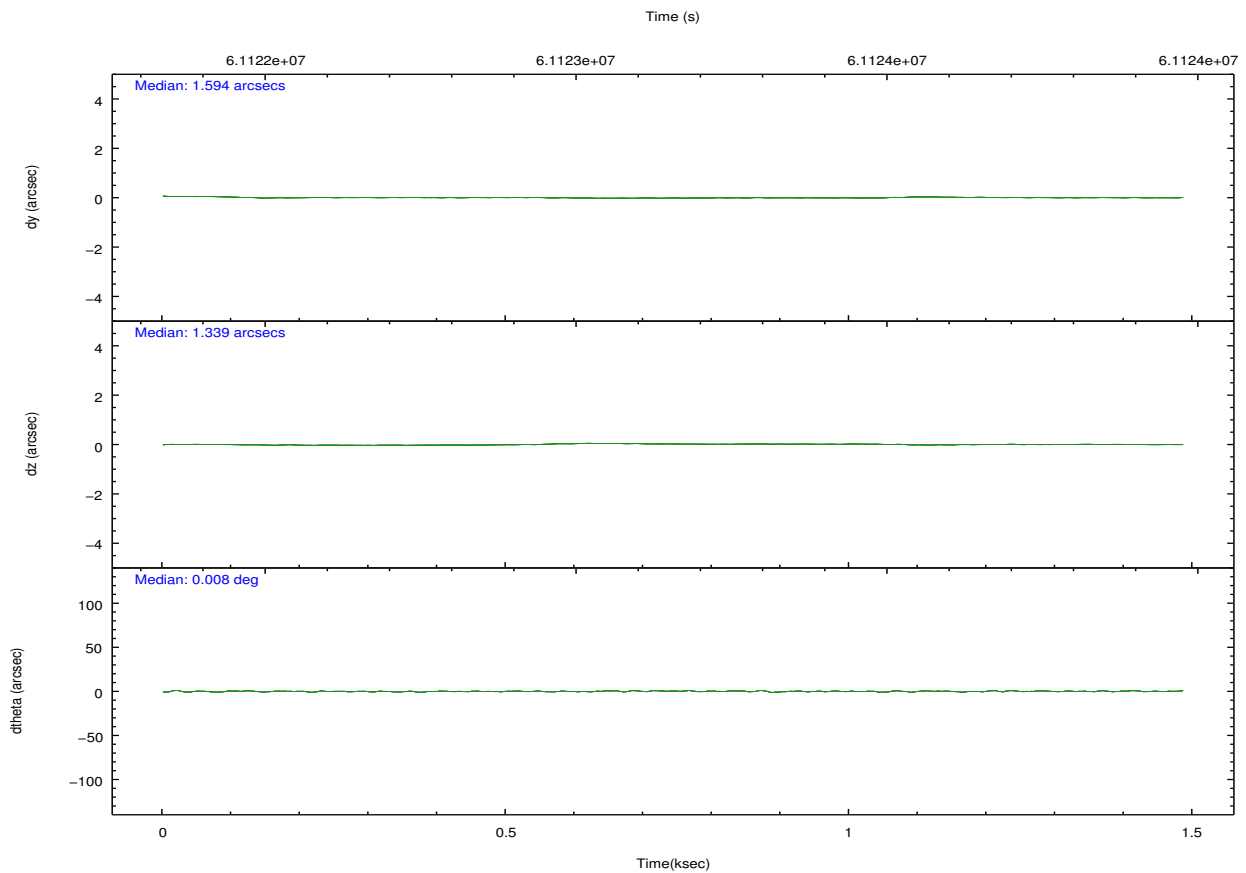
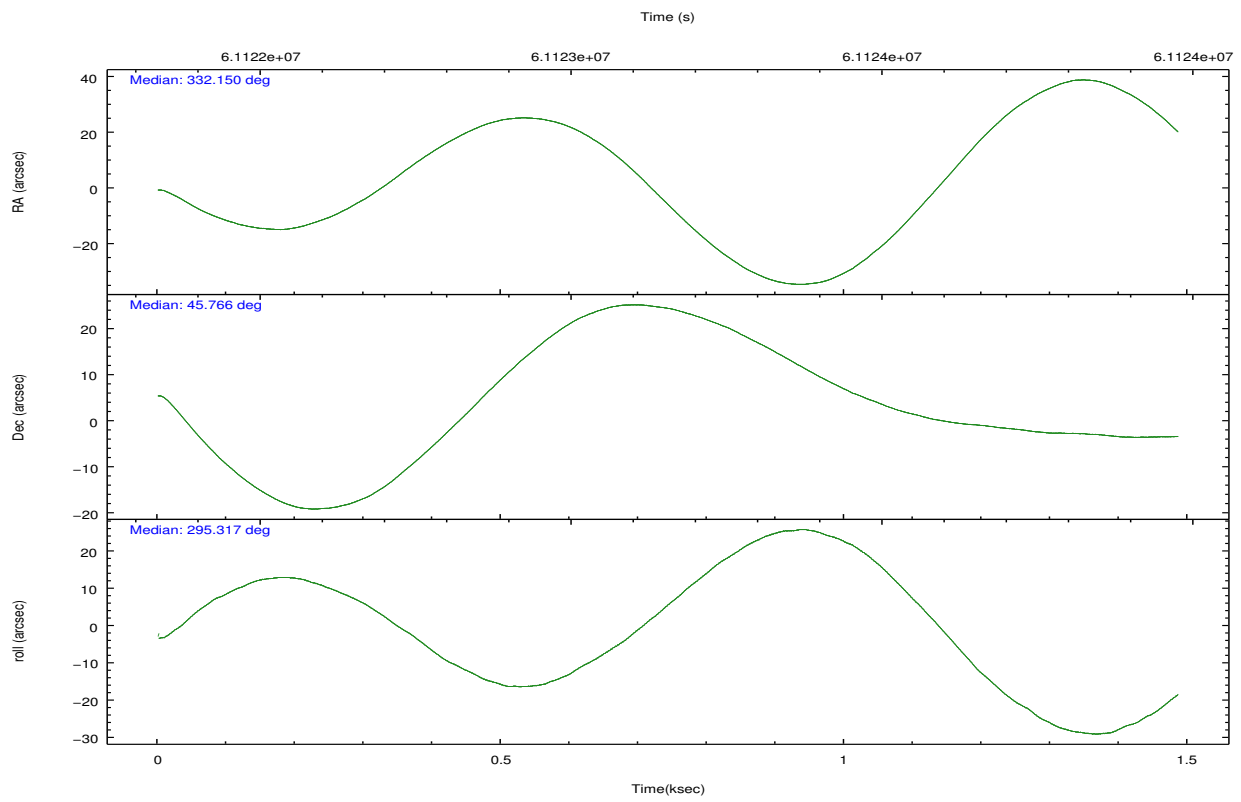
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	332.117408	332.1505319775438
Pointing Dec	45.783137	45.76671673880229
Pointing Roll	295.448428	295.3292330212733
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	61122899.184000	61122233.102269
Observation start date	1999-12-09T10:33:55	1999-12-09T10:23:53
Observation end time	61123899.184000	61124033.002334
Observation end date	1999-12-09T10:50:35	1999-12-09T10:53:53

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

2.3 Aspect



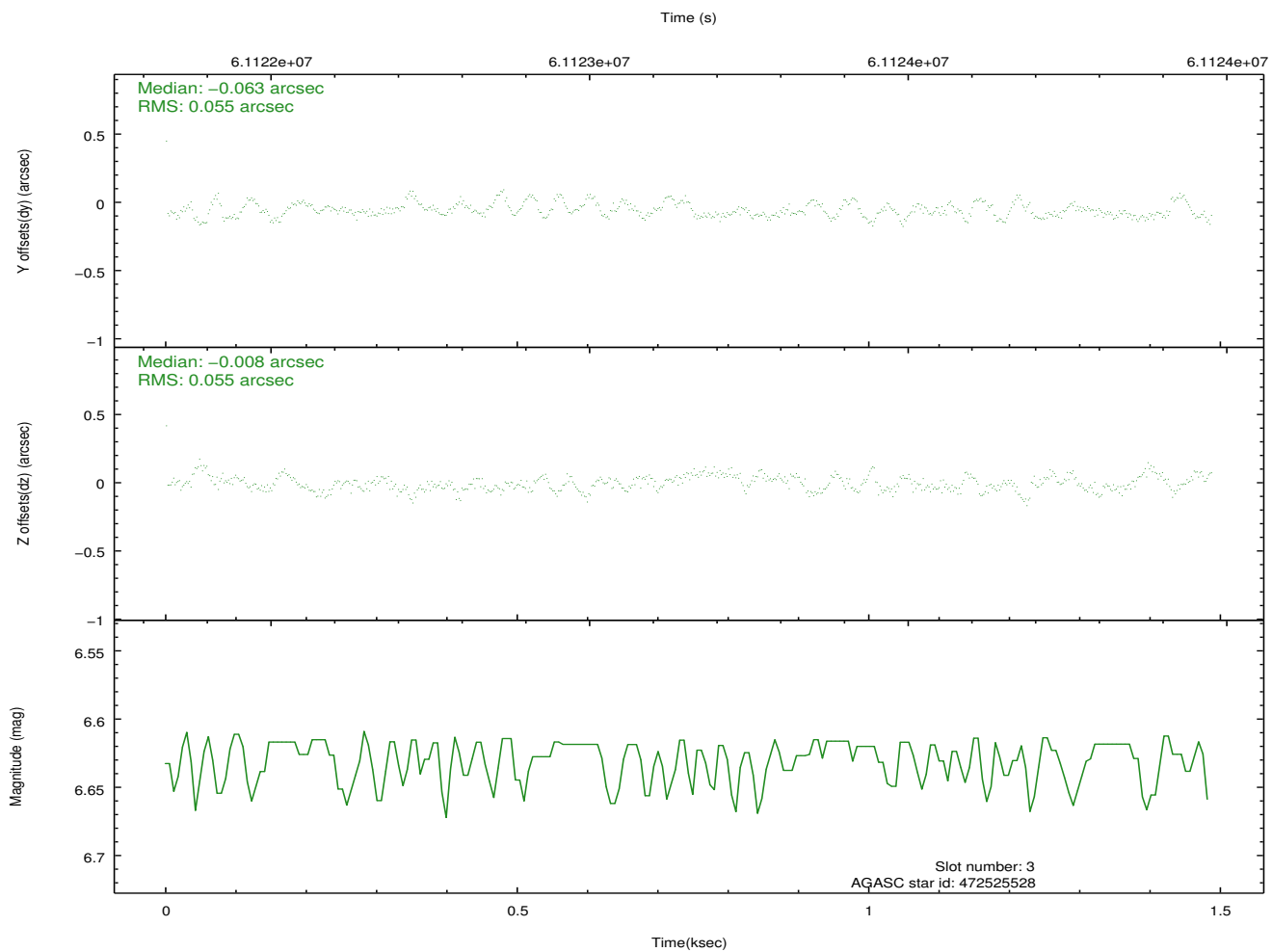
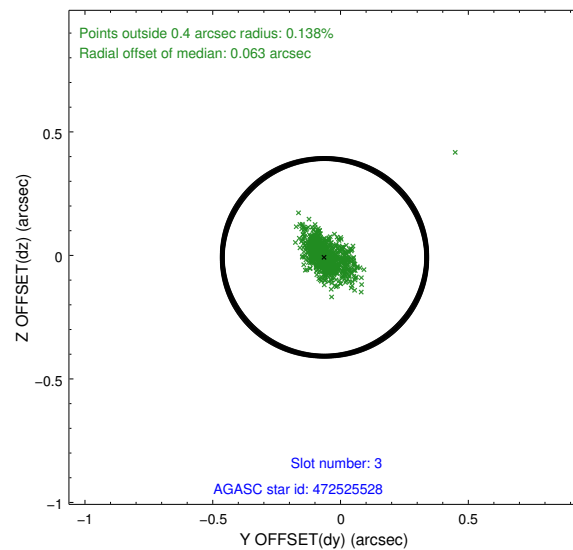
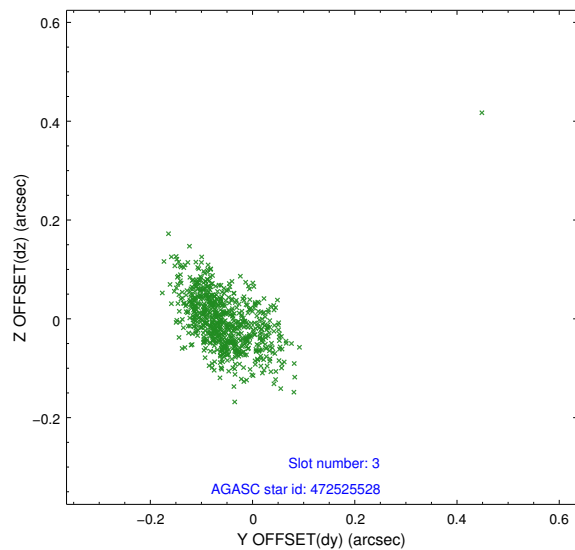


Slot Statistics

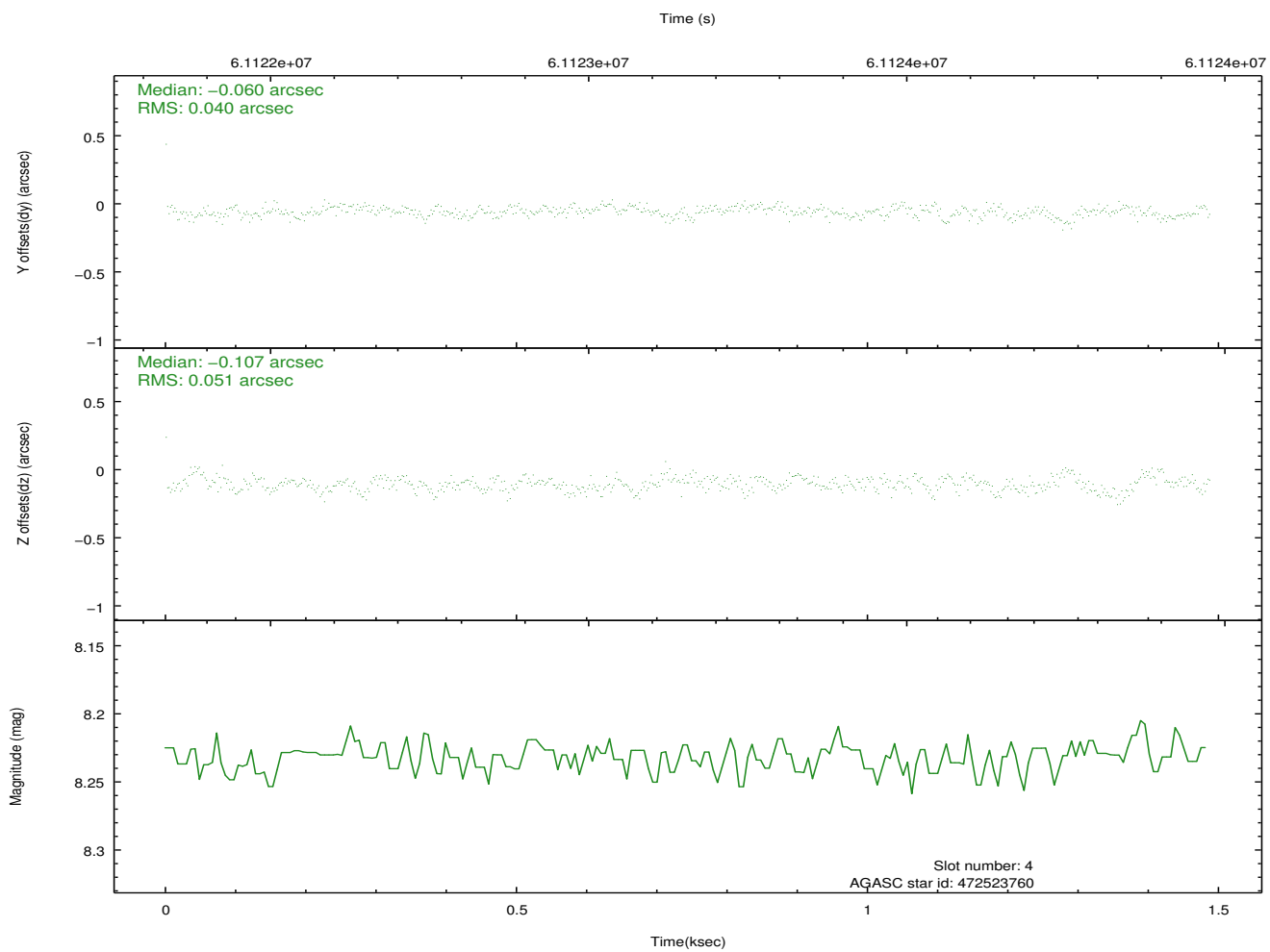
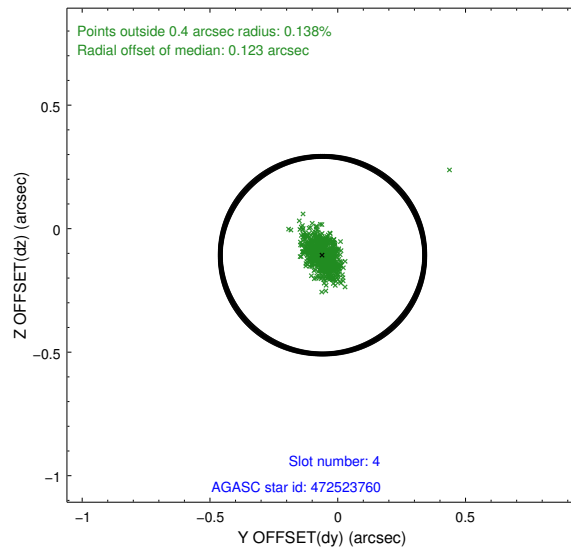
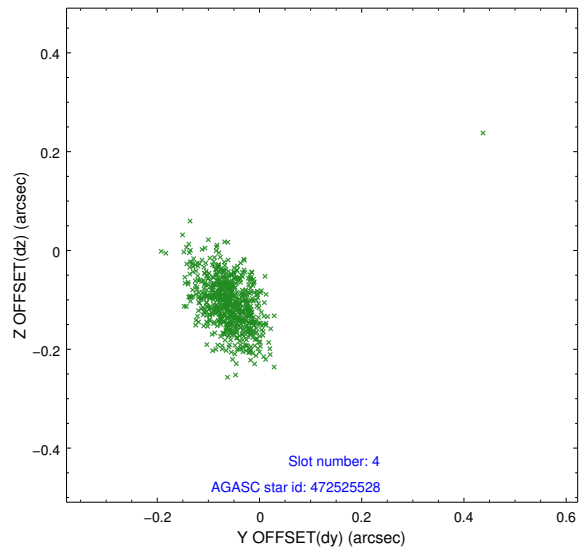
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	726	0.018	-0.049	0.006	0.010	0.000000	0.000000	-757.02	-1289.13
1	FID	HRC-I-3	7.05	726	0.040	-0.031	0.007	0.011	0.000000	0.000000	-1186.53	1013.68
2	FID	HRC-I-4	6.99	726	0.056	-0.009	0.006	0.008	0.000000	0.000000	1284.18	1014.48
3	GUIDE	472525528	6.63	726	-0.063	-0.008	0.077	0.129	331.551102	45.248694	1113.21	-2120.27
4	GUIDE	472523760	8.23	726	-0.060	-0.107	0.063	0.110	331.645363	45.403260	717.64	-1666.26
5	GUIDE	472665256	9.02	725	-0.085	-0.022	0.079	0.134	332.808125	46.195041	-608.92	2192.29
6	GUIDE	472659832	9.47	726	0.017	0.101	0.092	0.153	332.780399	46.098139	-323.50	1987.86
7	GUIDE	472655704	9.48	725	0.179	0.034	0.097	0.157	332.167195	45.285228	1669.39	-653.08

2.4 Star Slots

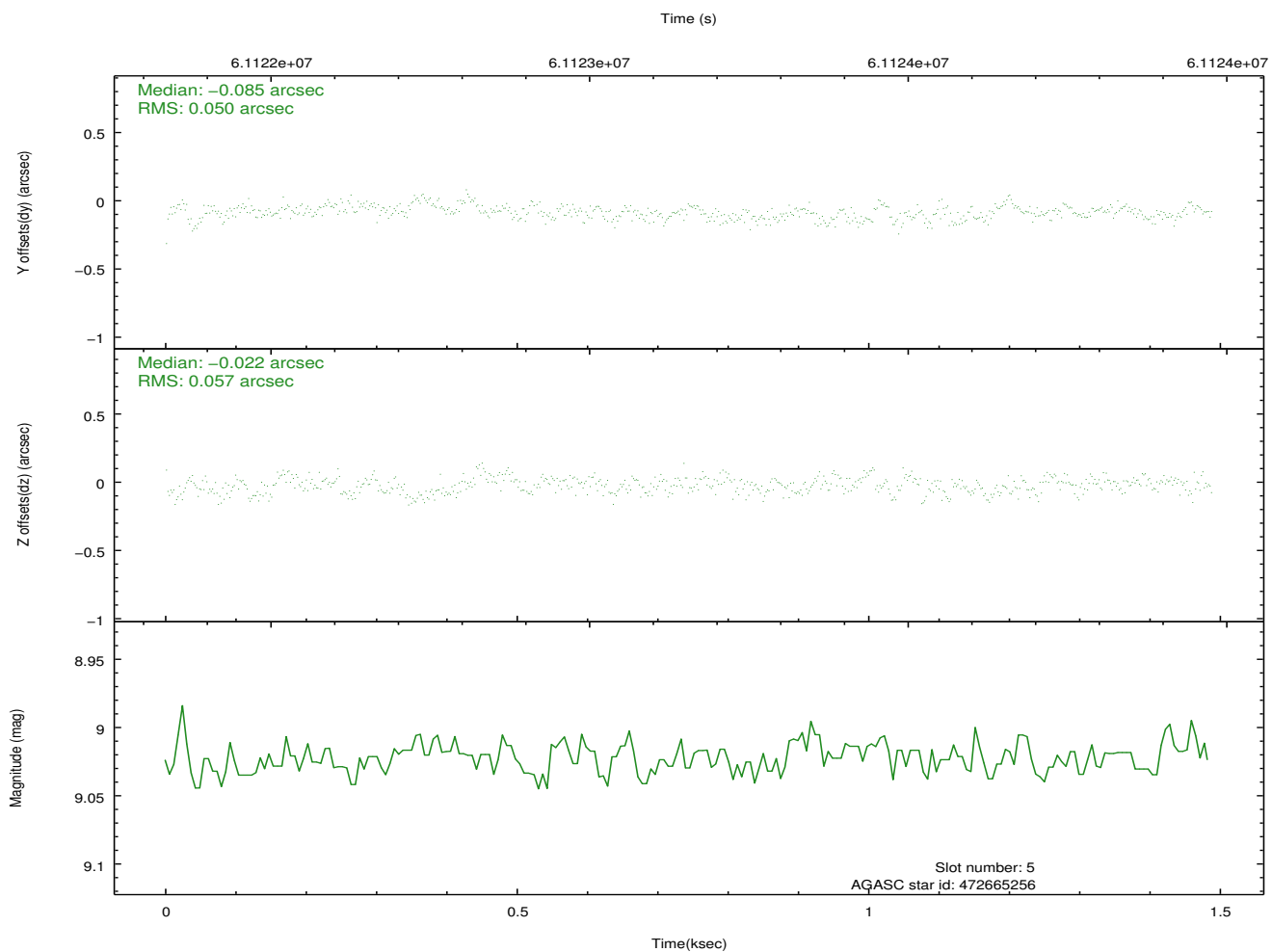
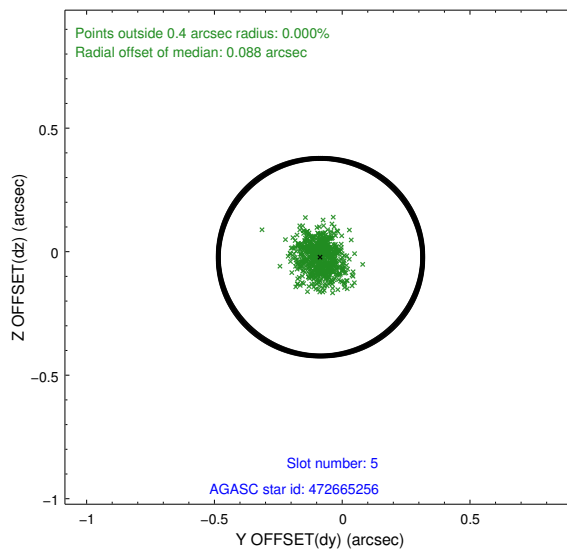
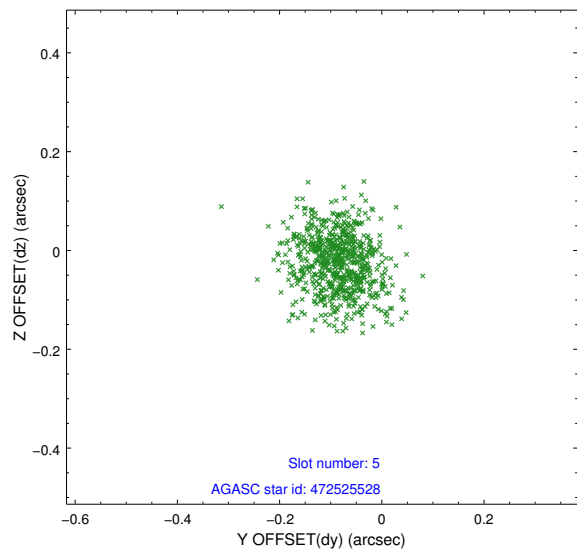
2.4.1 Slot 3



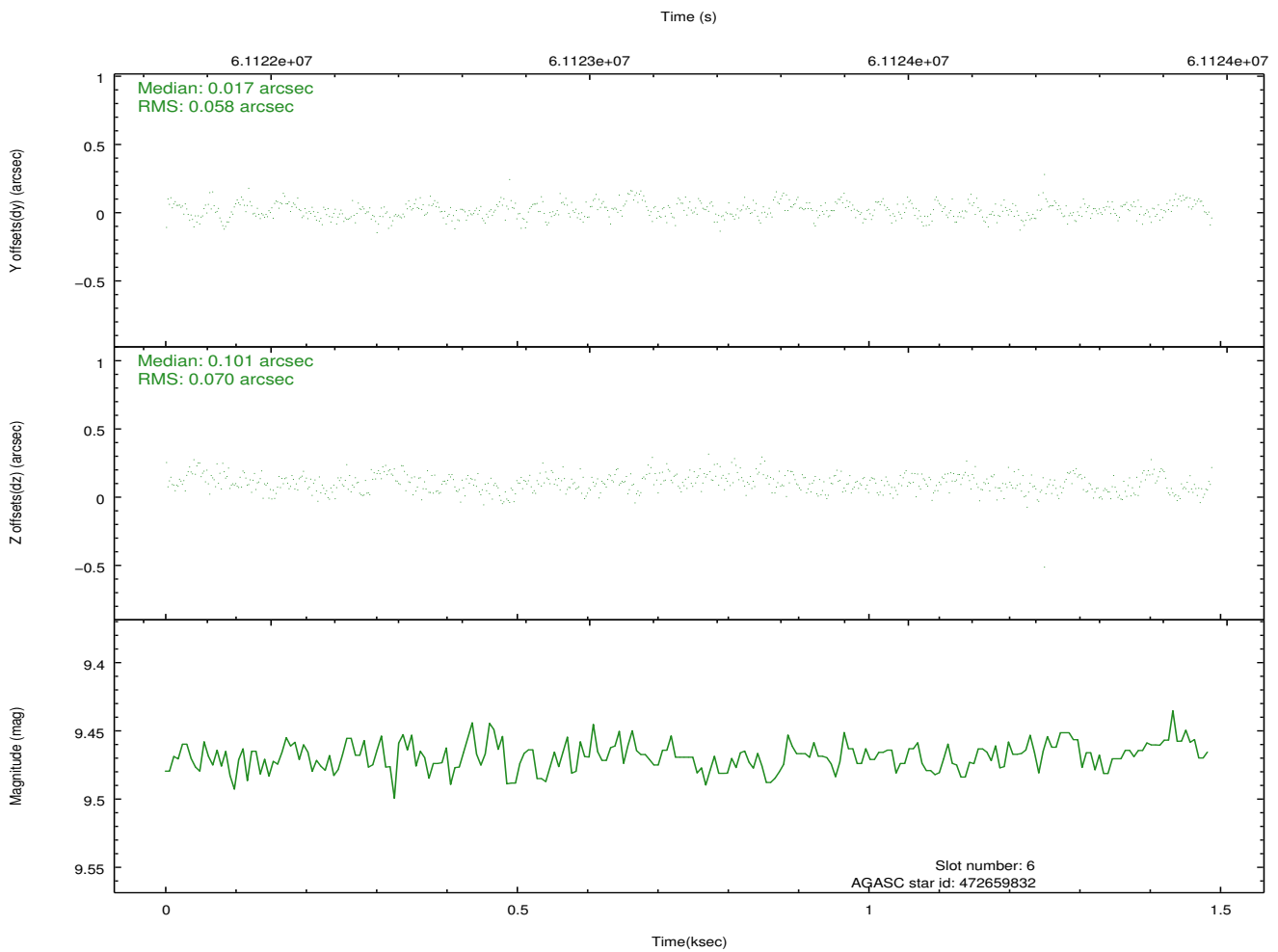
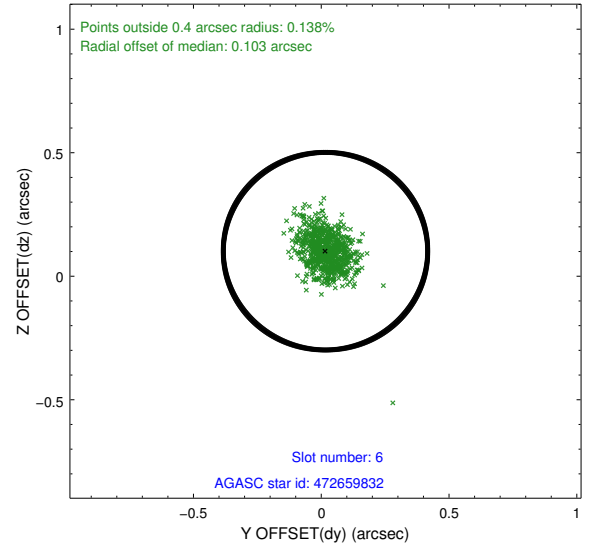
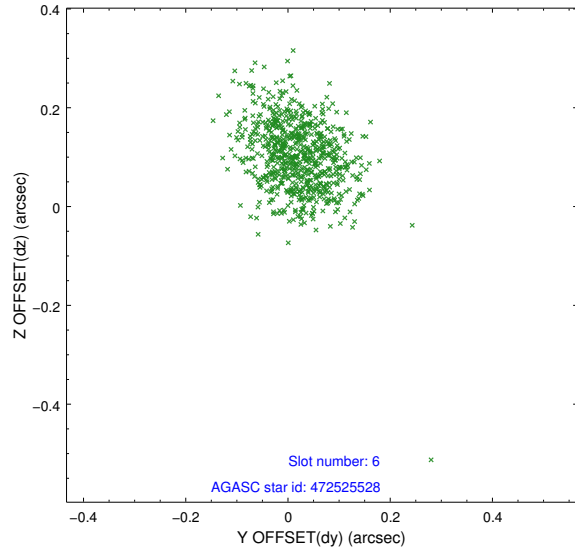
2.4.2 Slot 4



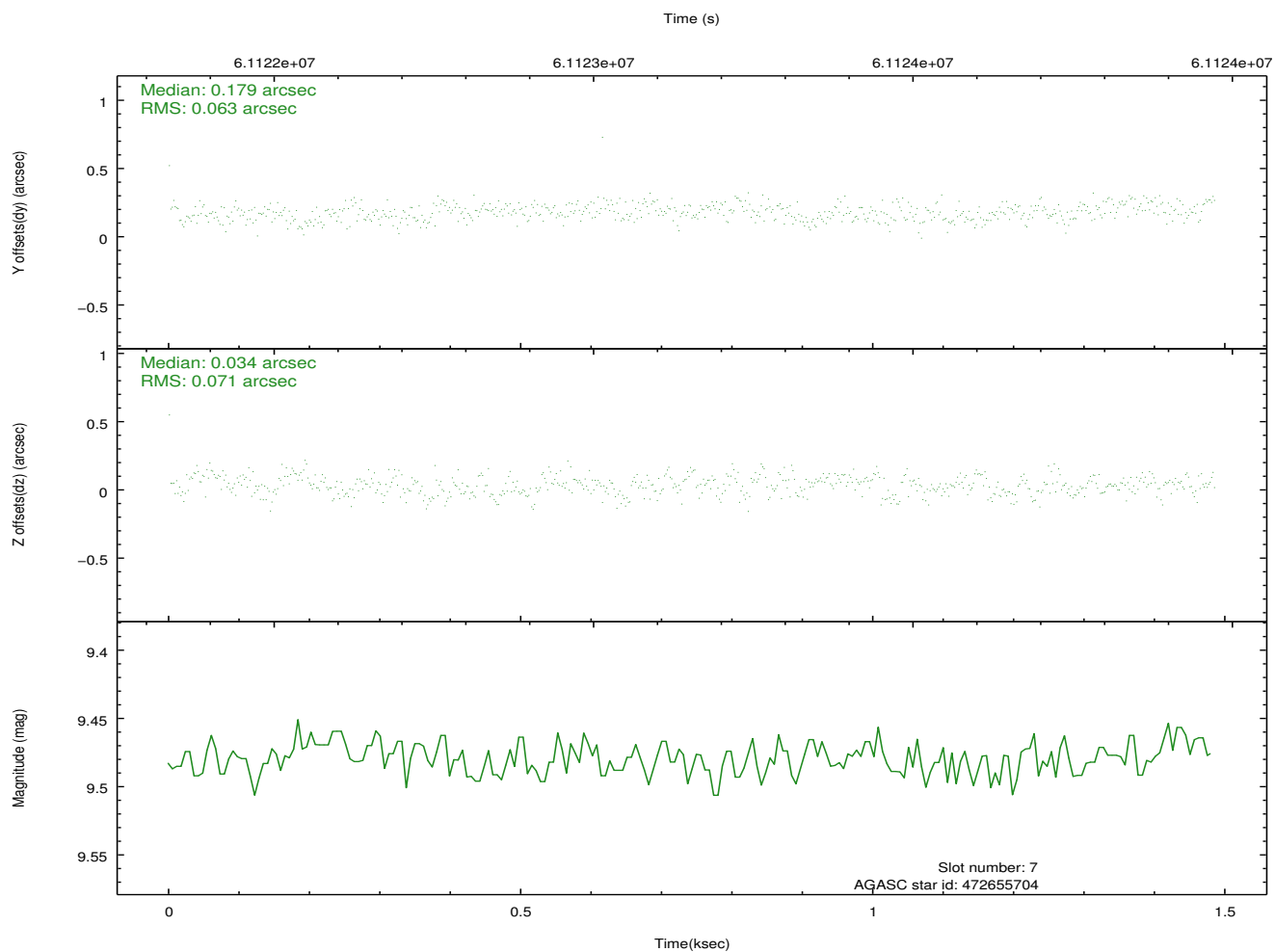
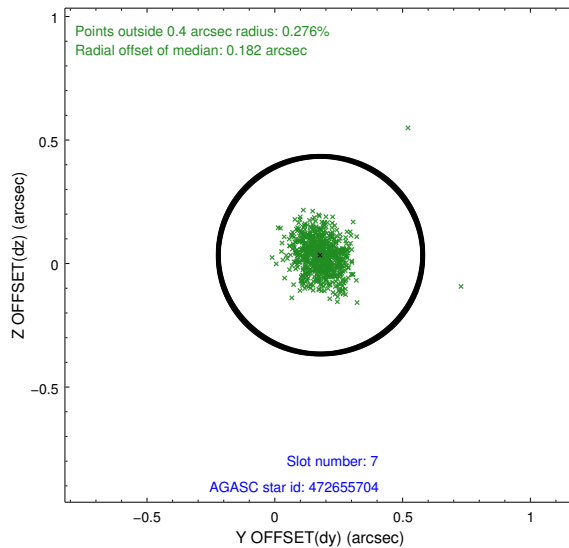
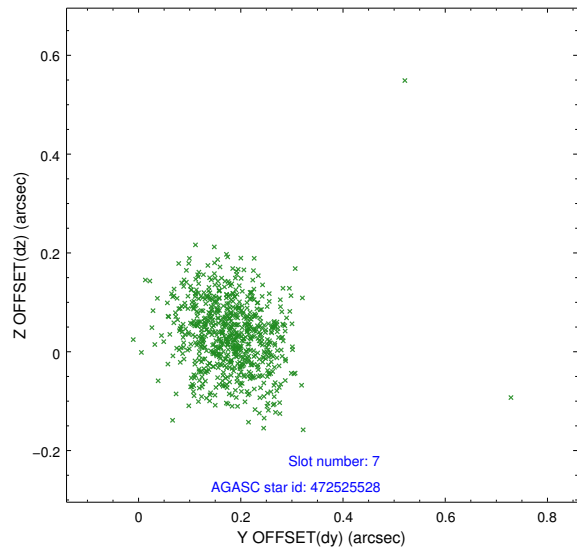
2.4.3 Slot 5



2.4.4 Slot 6

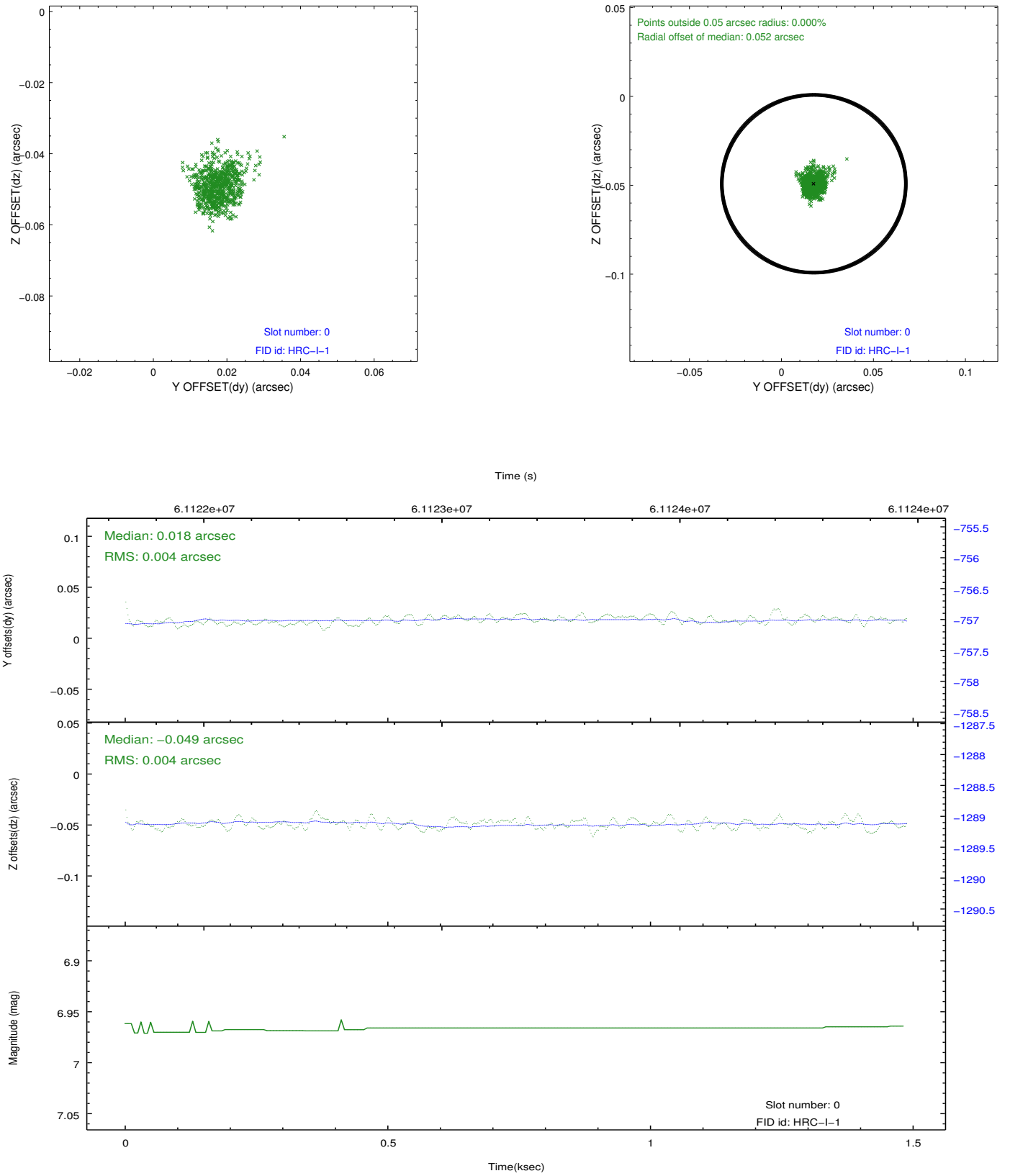


2.4.5 Slot 7

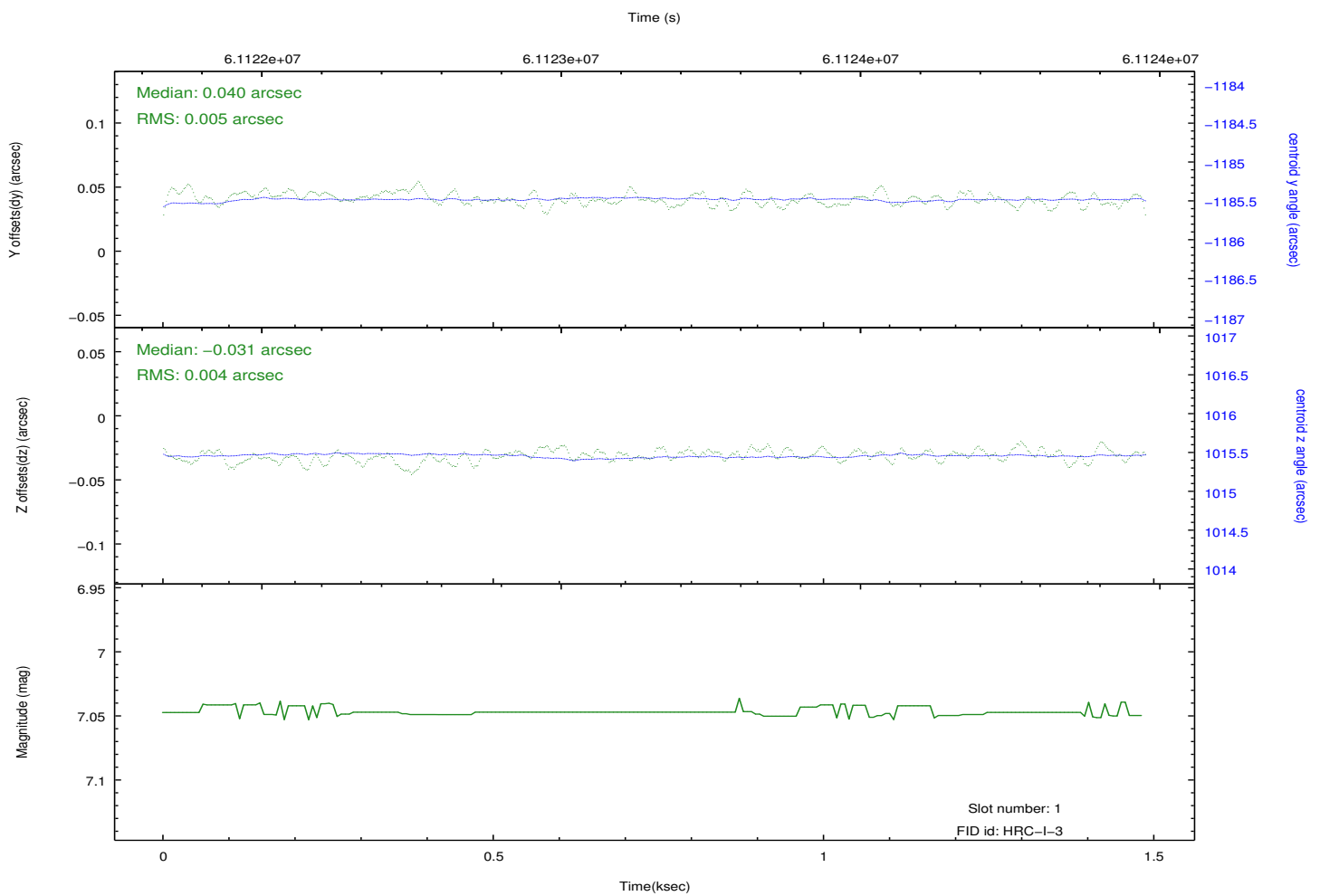
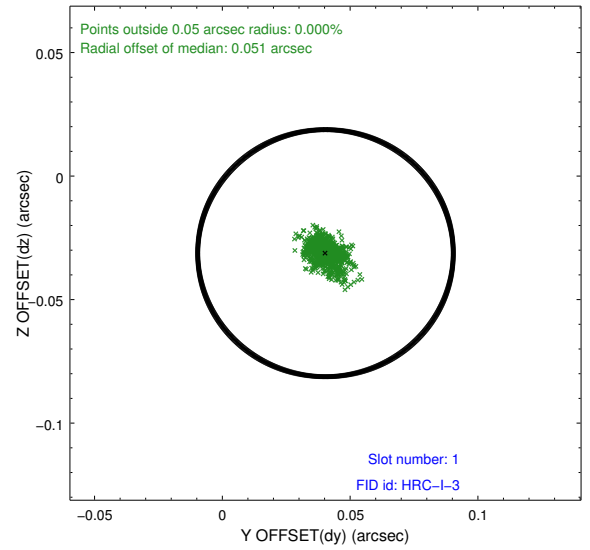
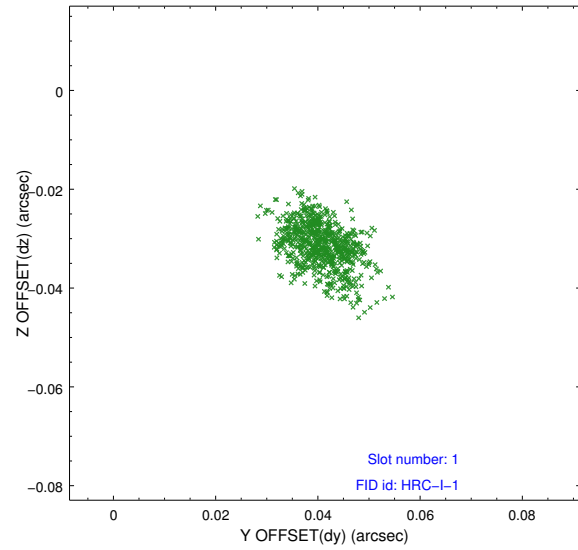


2.5 FID Slots

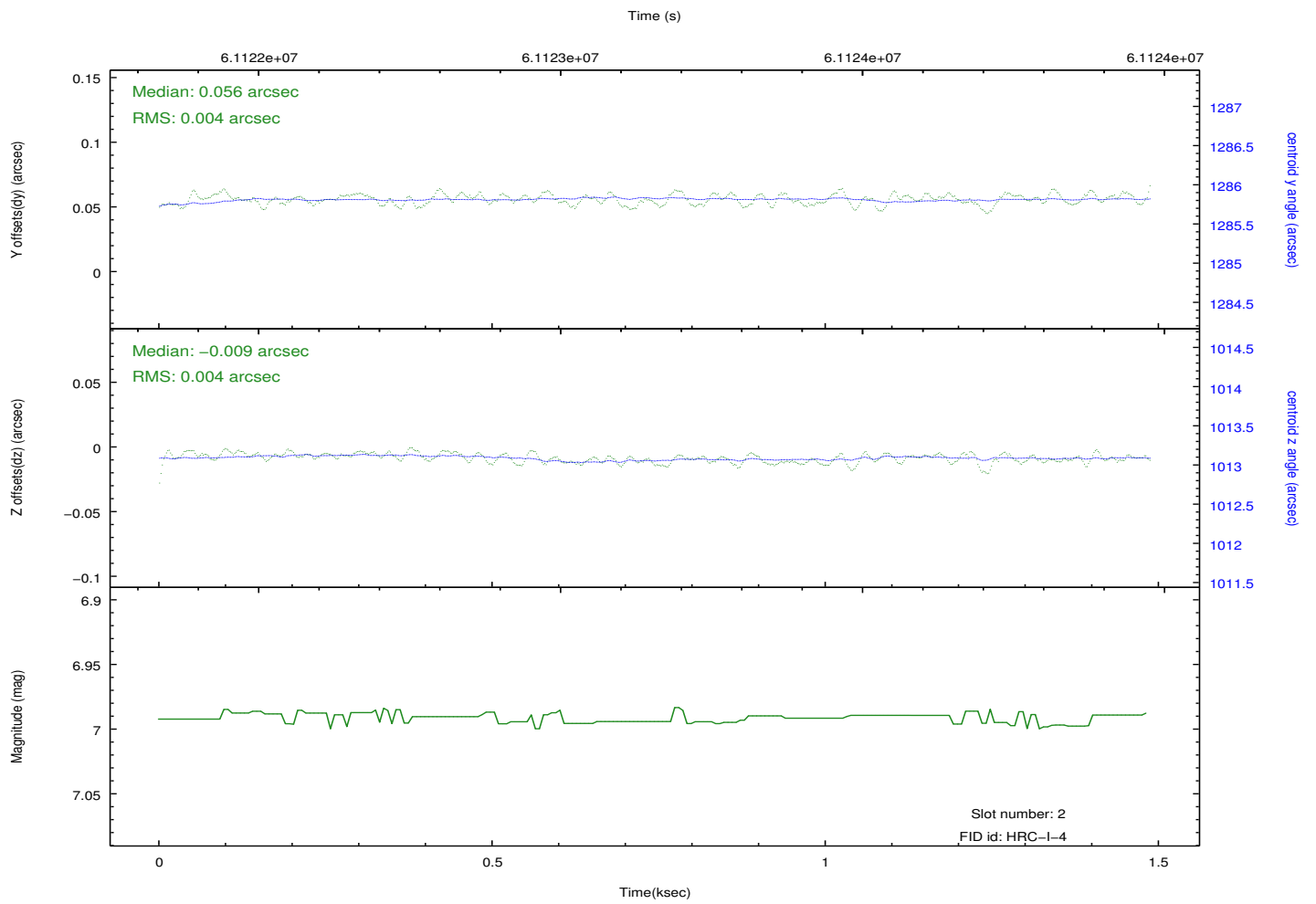
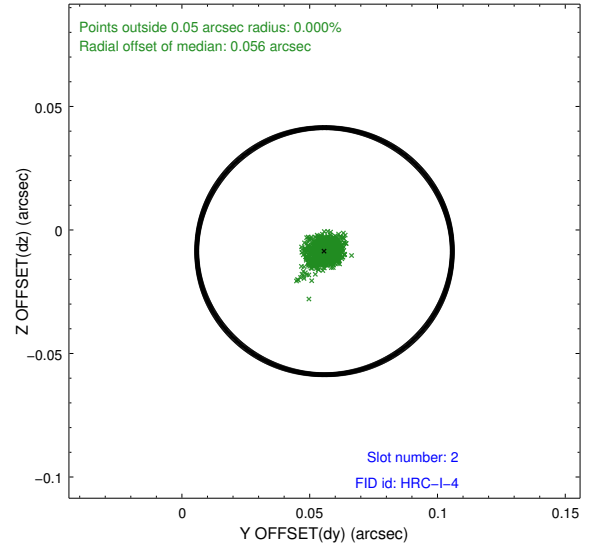
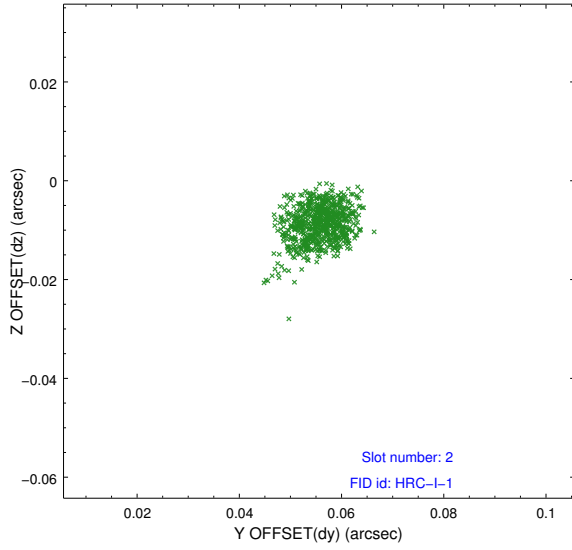
2.5.1 Slot 0



2.5.2 Slot 1

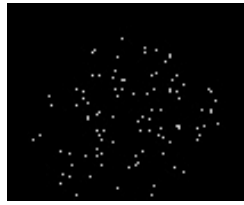


2.5.3 Slot 2



3 Point Sources

17.72 arcmin



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