

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4294 - L2 Version 4
Chandra X-Ray Center

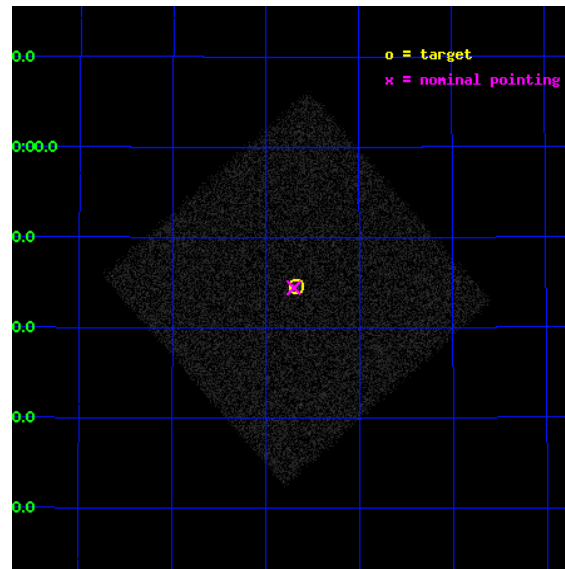
L2 Processing Date : Oct 23 2012

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1 Front

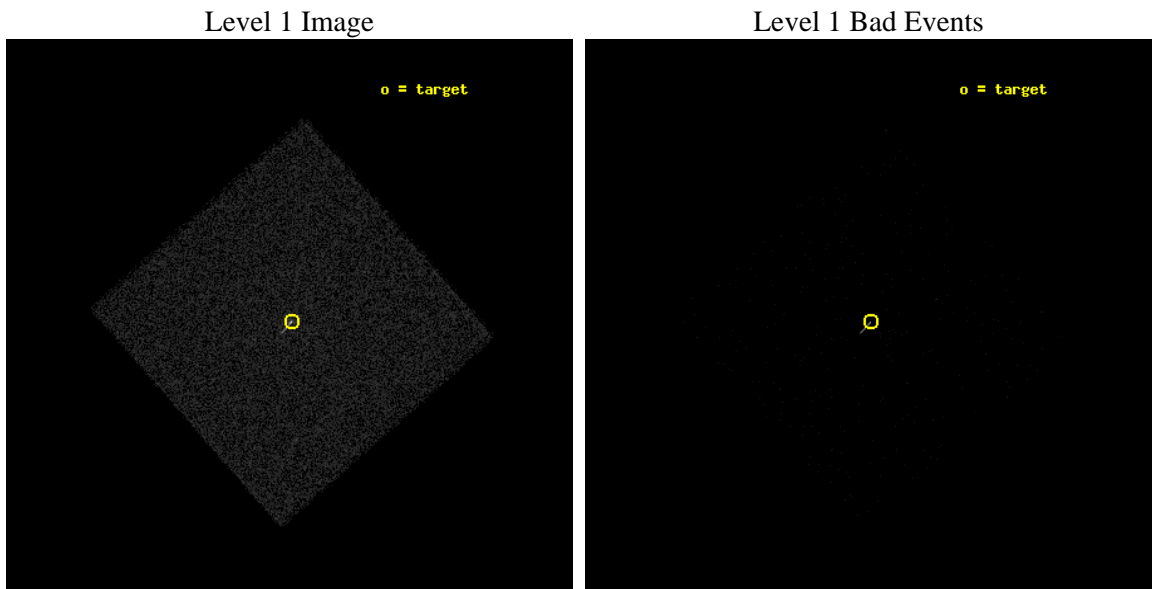
seq_num	290254	Sequence number
obs_id	4294	Observation id
title	AO4 CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-I GAIN	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.17508625118	Nominal RA [deg]
dec_nom	45.740679754611	Nominal Dec [deg]
roll_nom	3.6552471198321	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1183.8750497997	[s]
livetime	1176.8369045605	Ontime multiplied by DTCOR
l2events	42416	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	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1183.8750497997	[s]
caldbver	4.5.2	 	l1events	74435	Number of level 1 events
date	2012-10-23T09:26:40	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

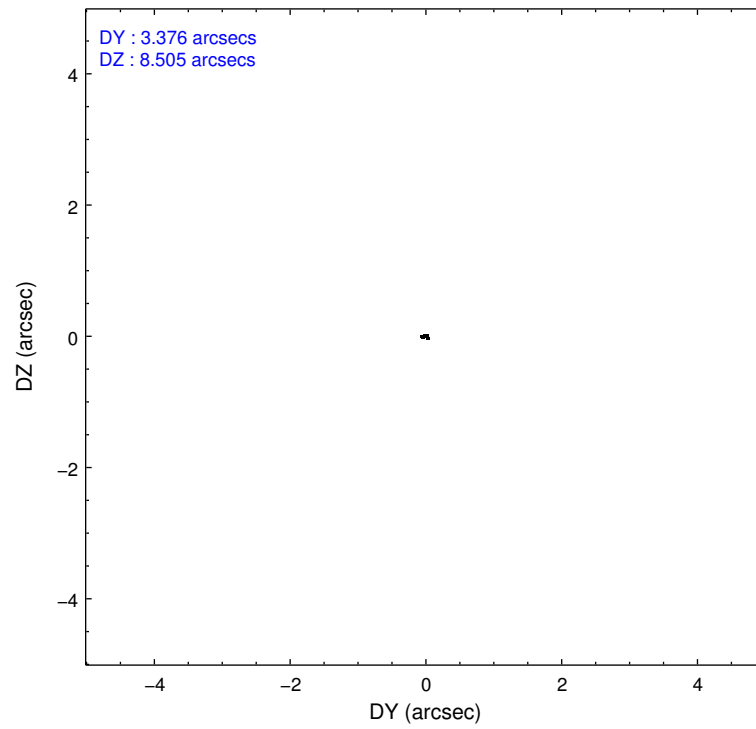
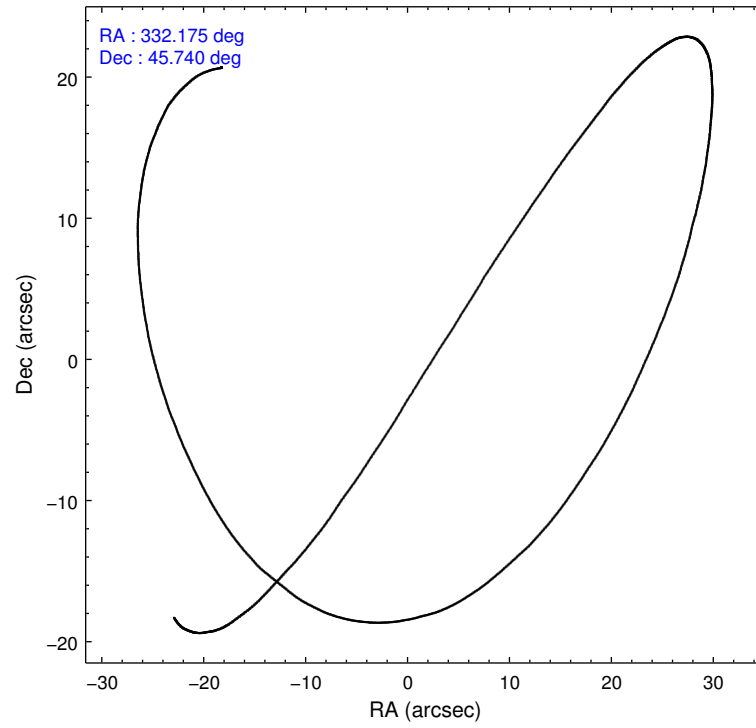
Level 1 Events

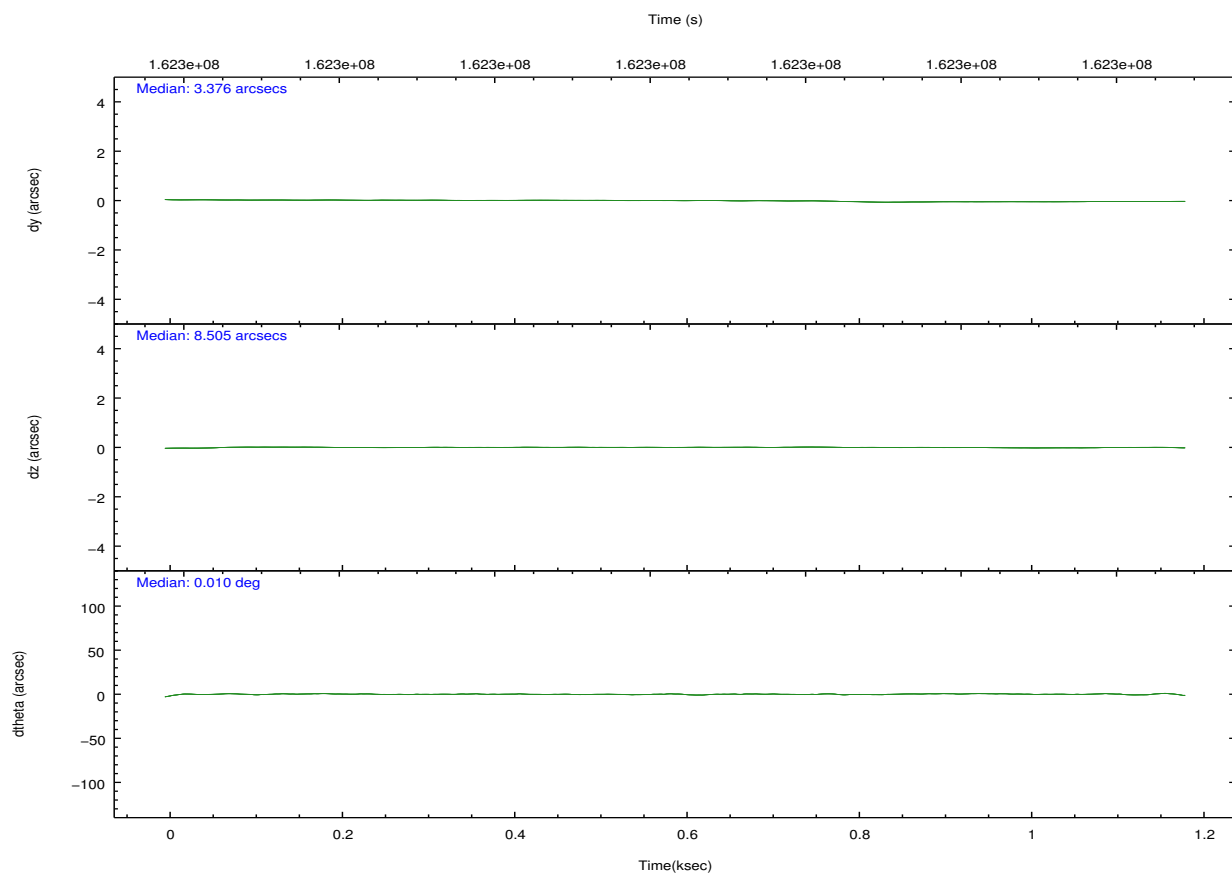
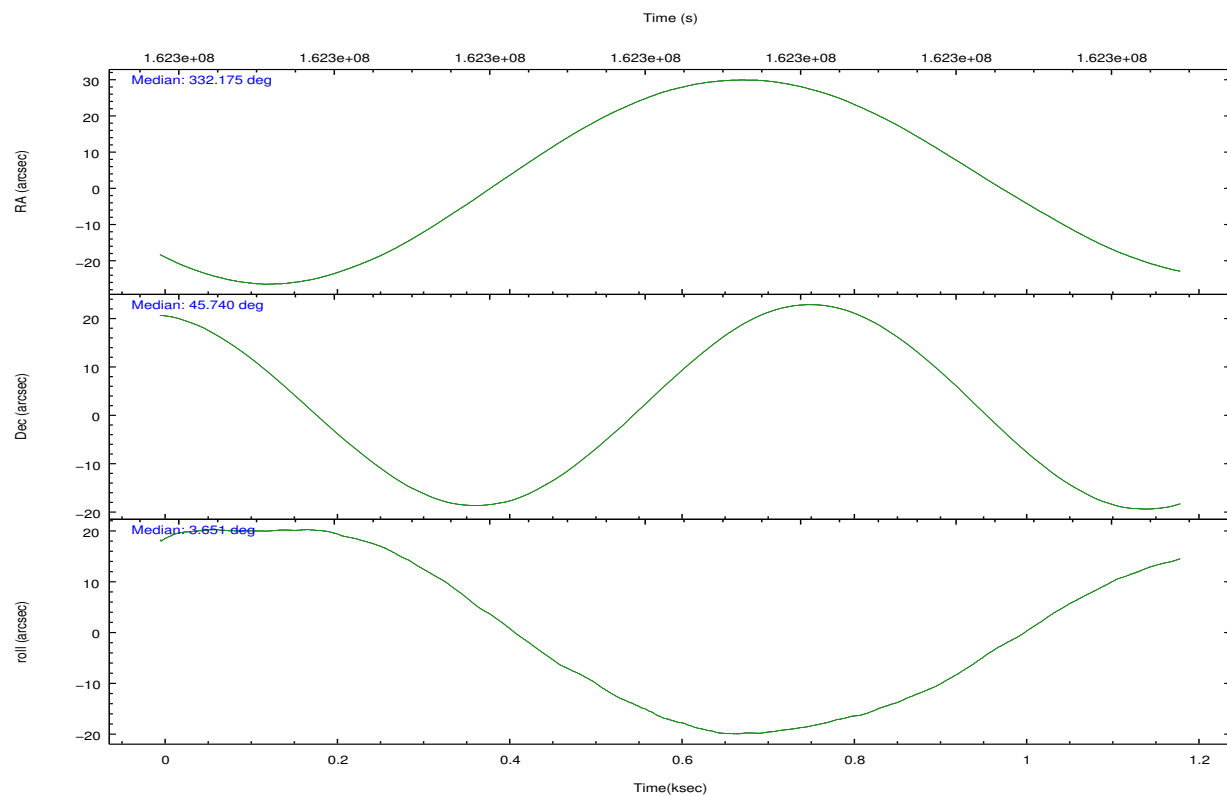
	segment 0
level 1 events	74435
rejected events	14245
rejected %	19%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
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			
[deg] Pointing RA	332.143839	332.1750862511789			
[deg] Pointing Dec	45.725397	45.74067975461081			
[deg] Pointing Roll	3.773104	3.65524711983207			
[s] Window start time (MET)	161654464.184000	161654464.184000			
[s] Window stop time (MET)	165369664.184000	165369664.184000			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9854943052878			
[mm] SIM translation stage offset	0	-5.413686238853188e-06			
[s] Observation start time (MET)	162299618.184000	162299241.94479			
Observation start date	2003-02-22T11:12:34	2003-02-22T11:07:21			
[s] Observation end time (MET)	162300618.184000	162300751.76986			
Observation end date	2003-02-22T11:29:14	2003-02-22T11:32:31			

2.3 Aspect



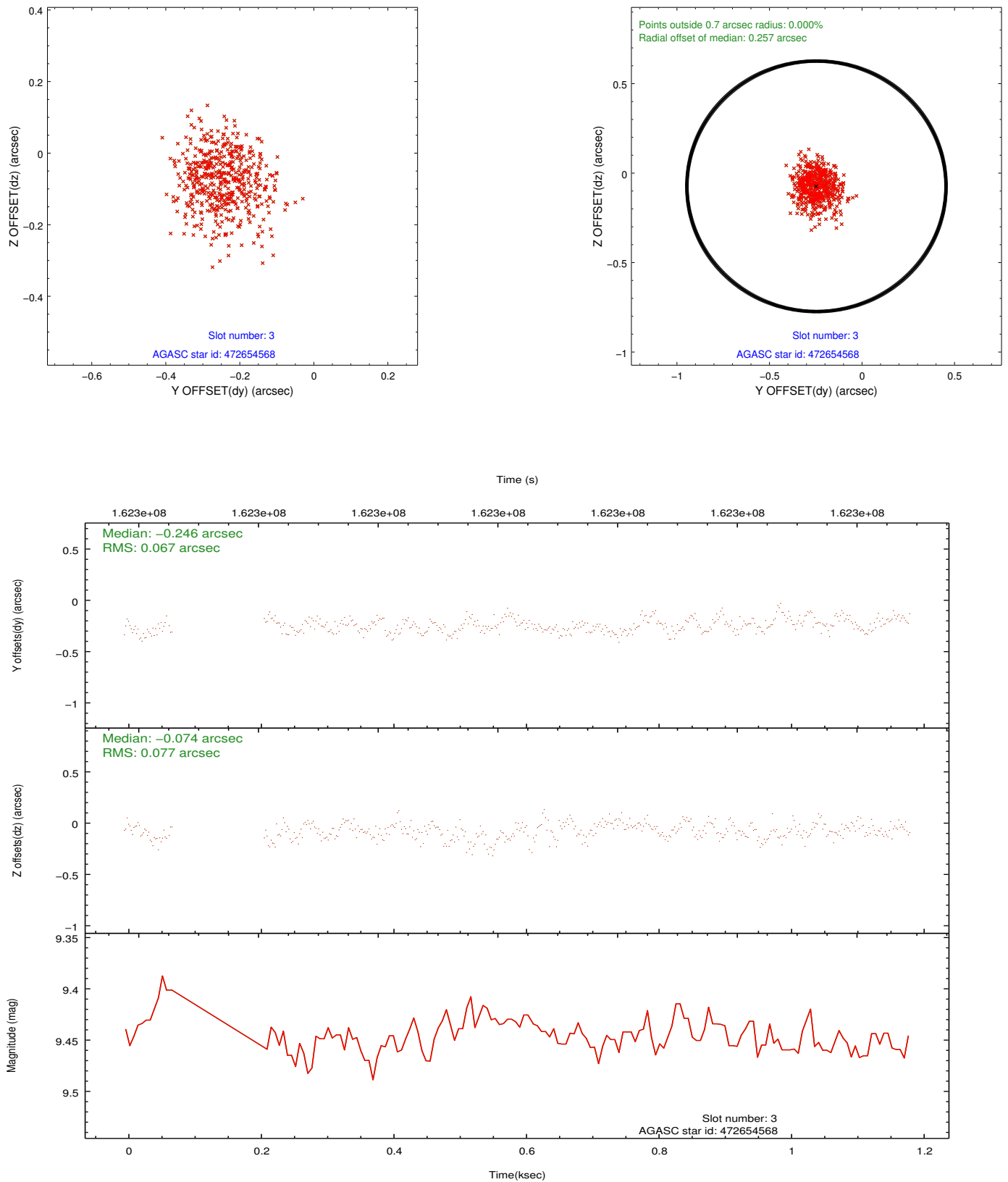


Slot Statistics

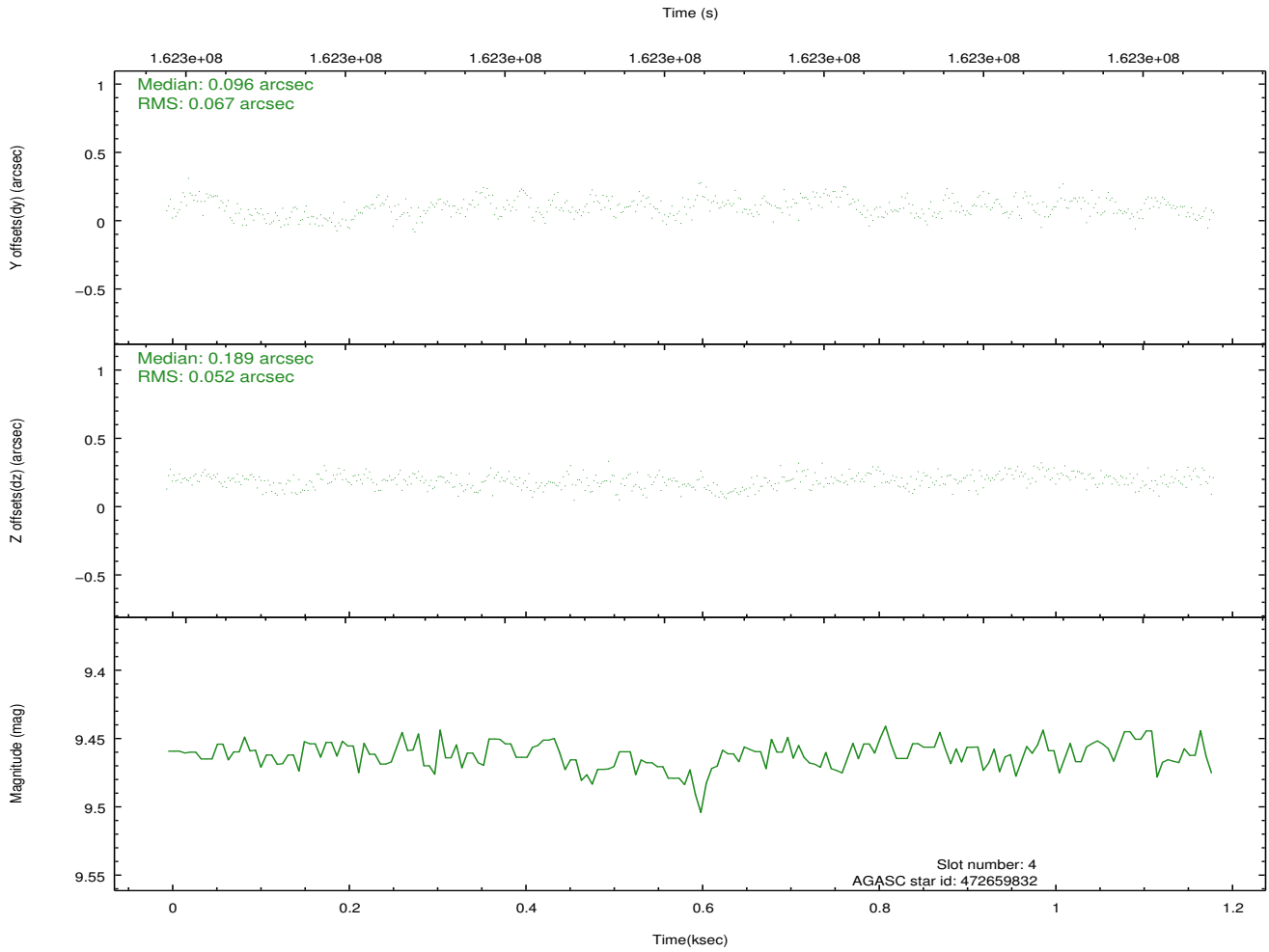
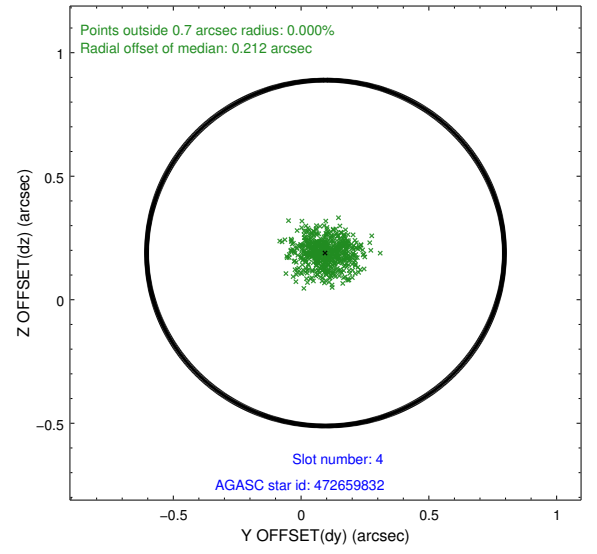
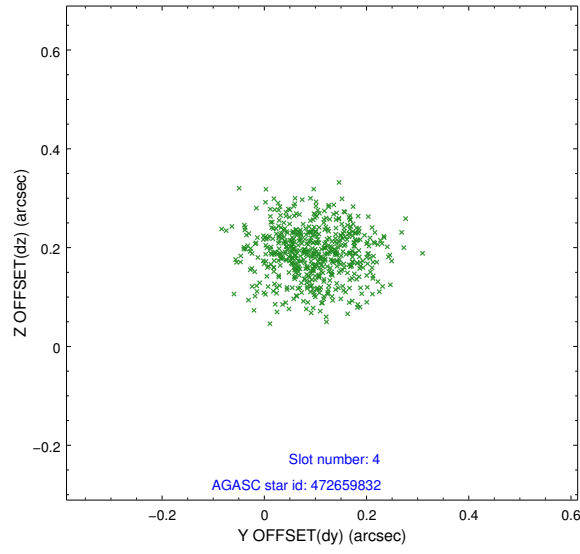
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	289	0.068	0.058	0.007	0.011	0.000000	0.000000	-758.81	-1296.36
1	FID	HRC-I-3	7.06	289	-0.006	-0.073	0.007	0.011	0.000000	0.000000	-1189.94	1003.59
2	FID	HRC-I-4	7.01	289	0.051	-0.074	0.006	0.010	0.000000	0.000000	1279.90	1009.10
3	BAD	472654568	9.45	510	-0.246	-0.074	0.107	0.181	332.194449	45.063576	-28.81	-2383.84
4	GUIDE	472659832	9.46	579	0.096	0.189	0.092	0.143	332.780399	46.098139	1675.87	1237.83
5	GUIDE	472527720	6.99	579	0.055	-0.060	0.062	0.110	331.460205	45.112509	-1873.16	-2077.19
6	GUIDE	472523760	8.24	579	0.056	-0.050	0.075	0.120	331.645363	45.403260	-1334.84	-1073.24
7	GUIDE	472533912	9.18	578	0.017	-0.000	0.108	0.166	331.791136	46.368695	-722.71	2369.39

2.4 Star Slots

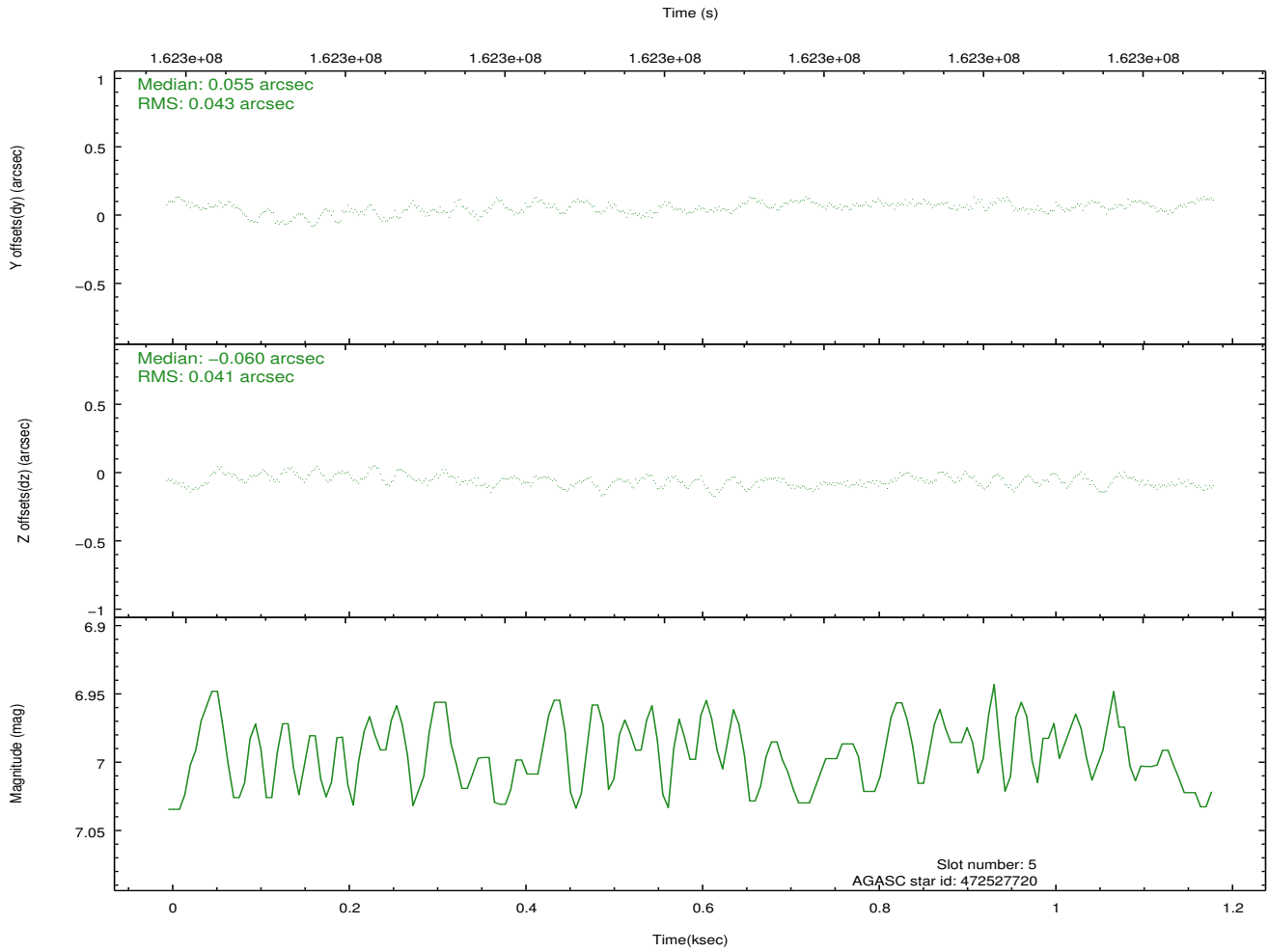
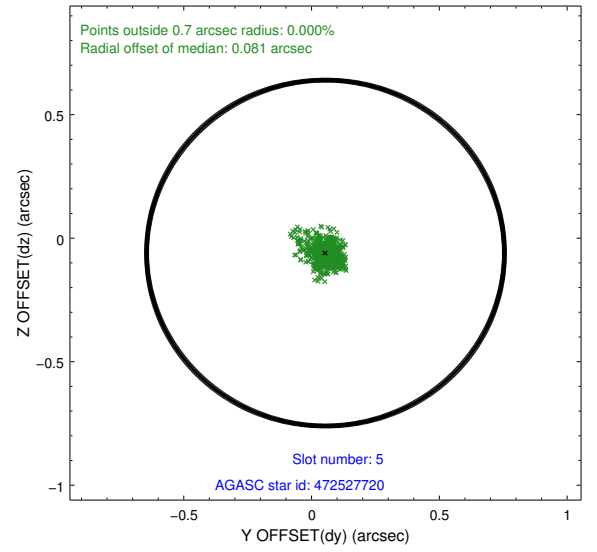
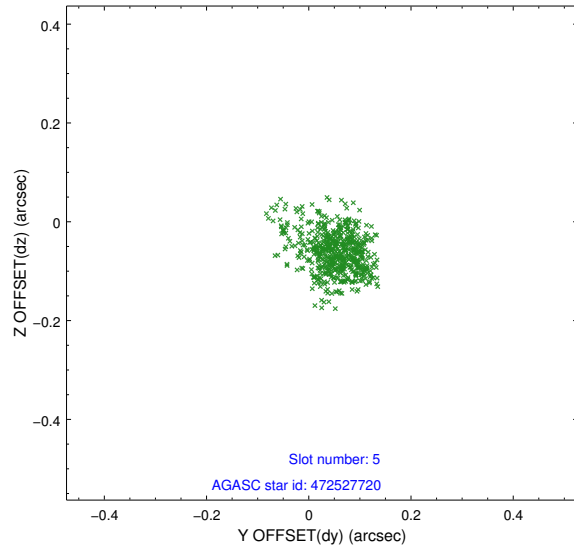
2.4.1 Slot 3



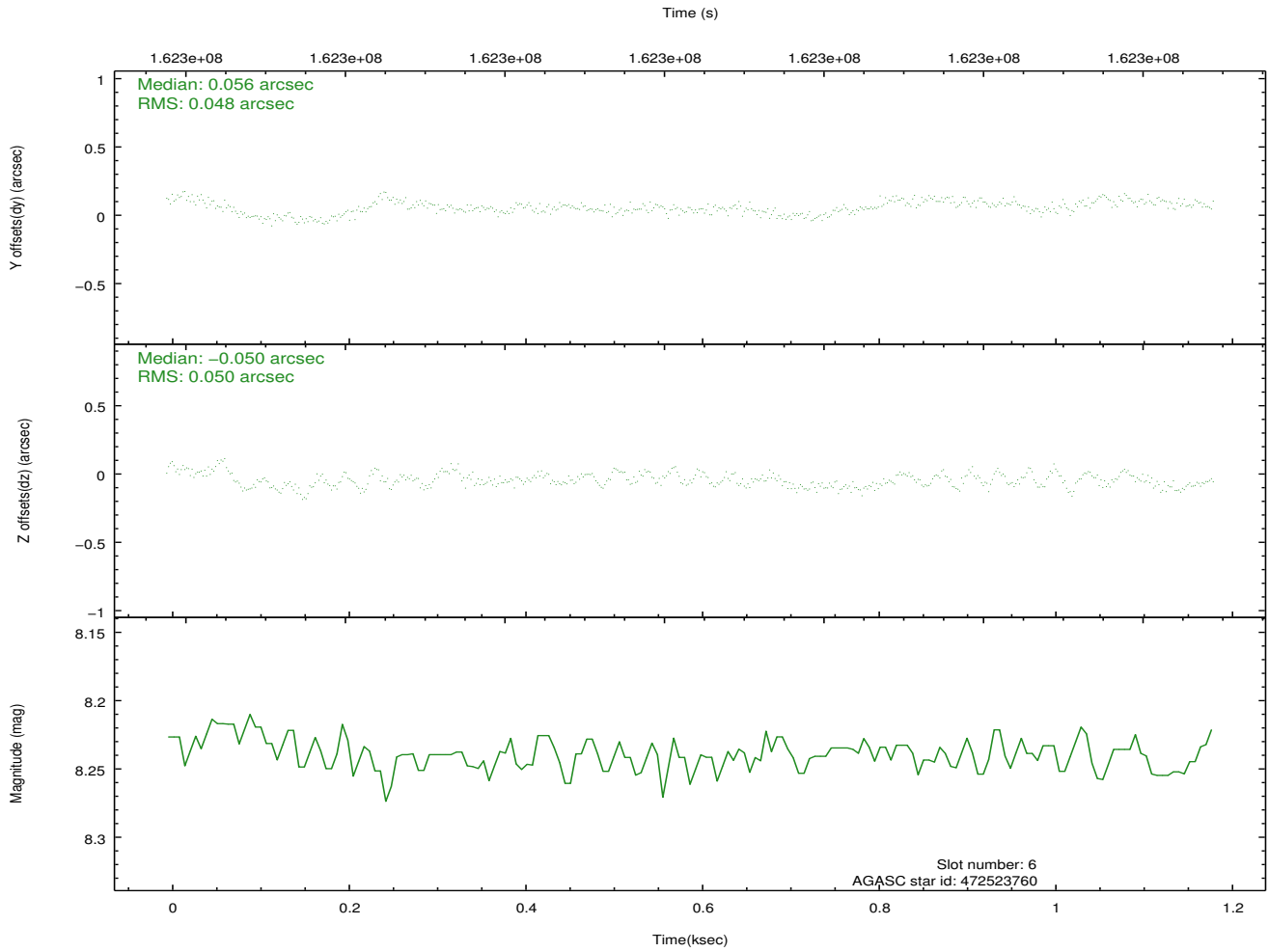
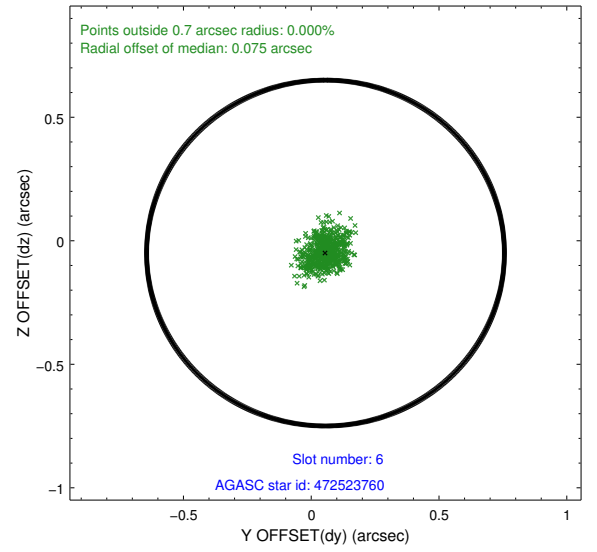
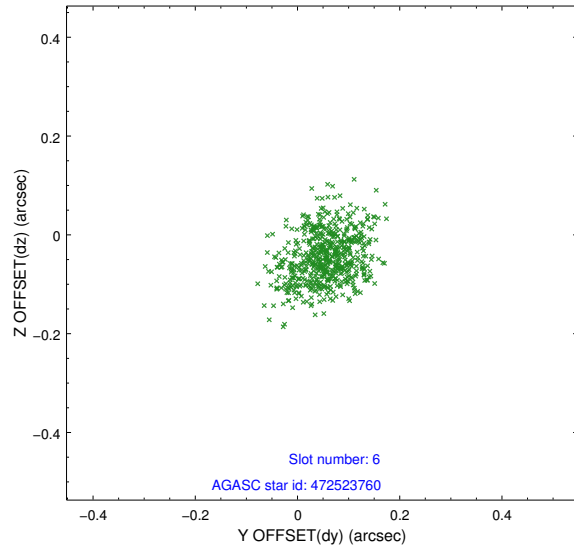
2.4.2 Slot 4



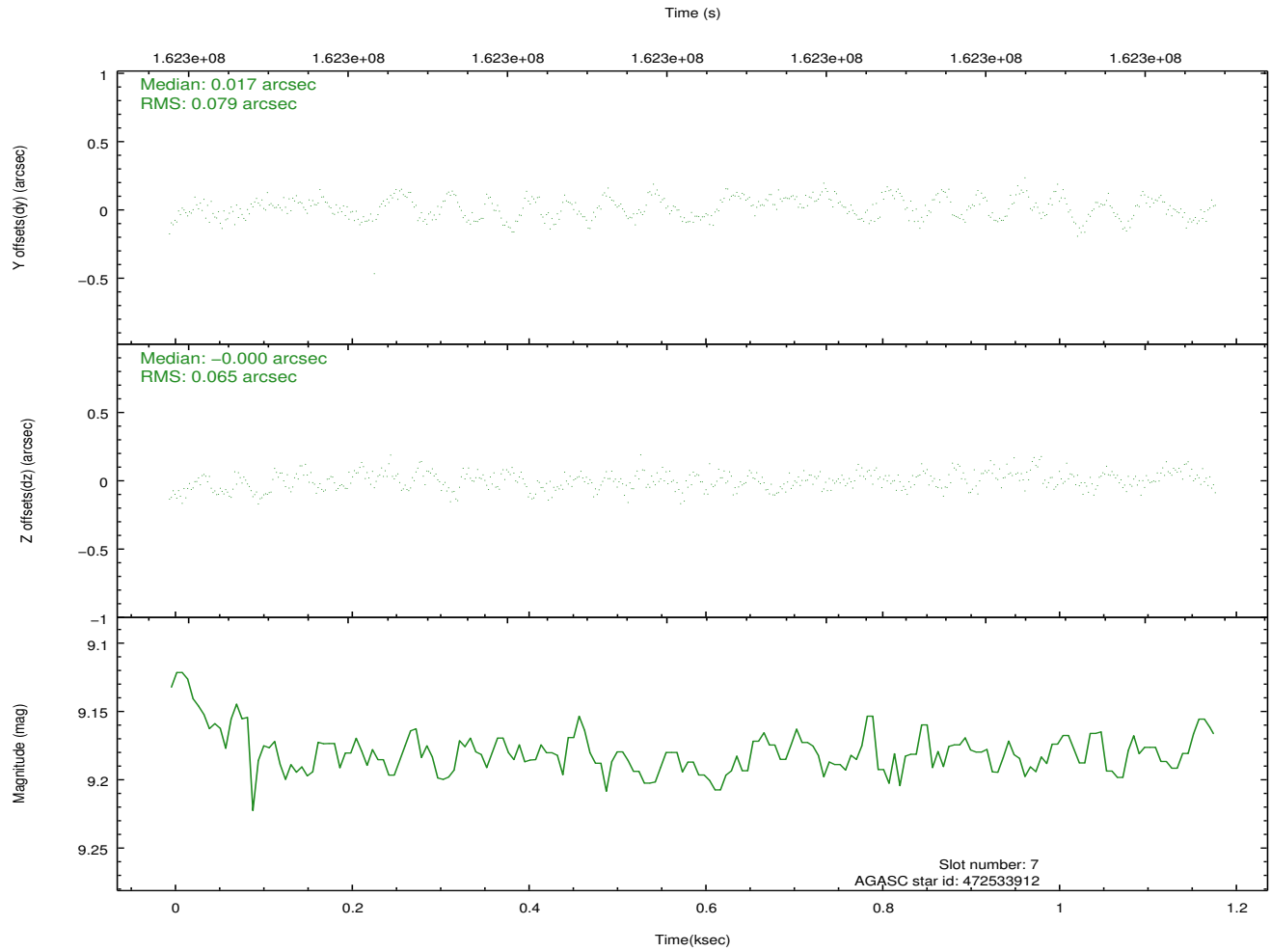
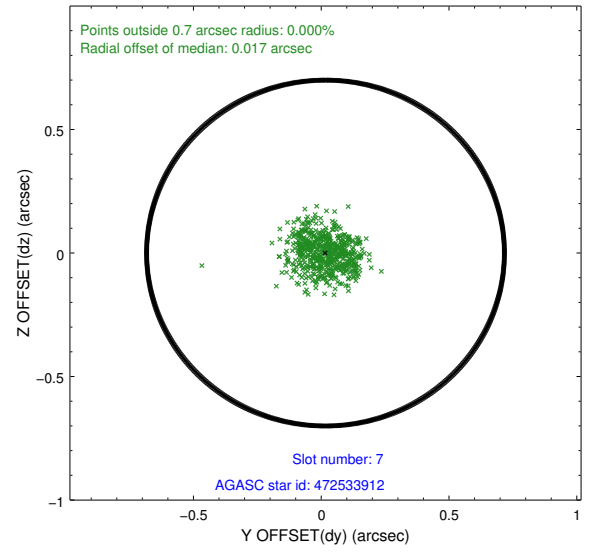
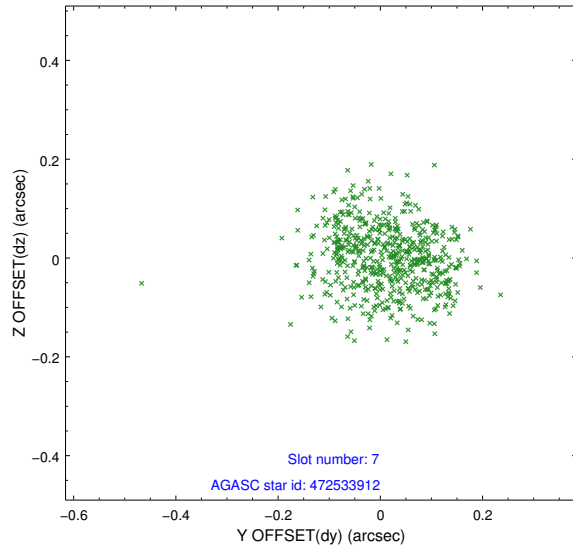
2.4.3 Slot 5



2.4.4 Slot 6

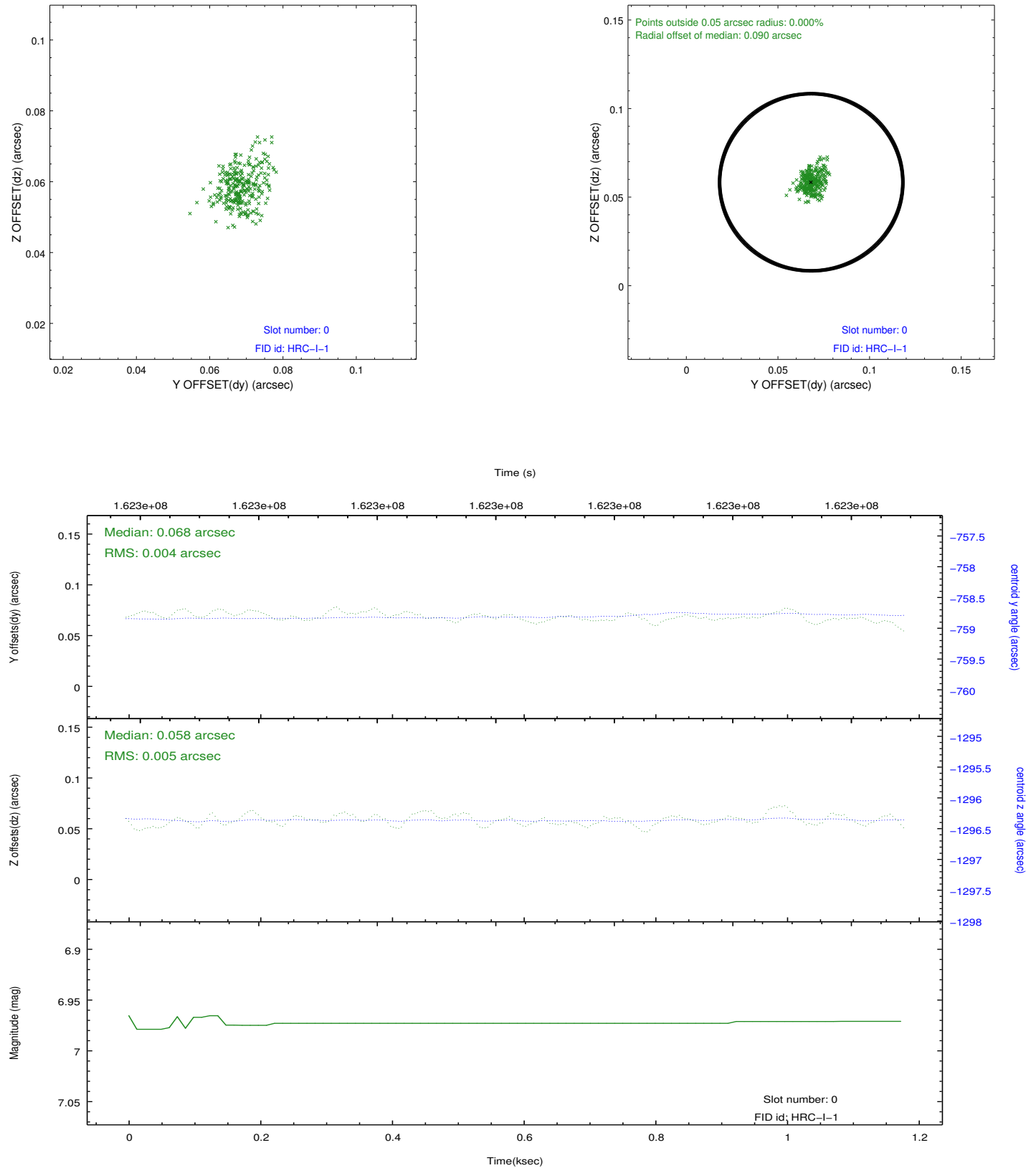


2.4.5 Slot 7

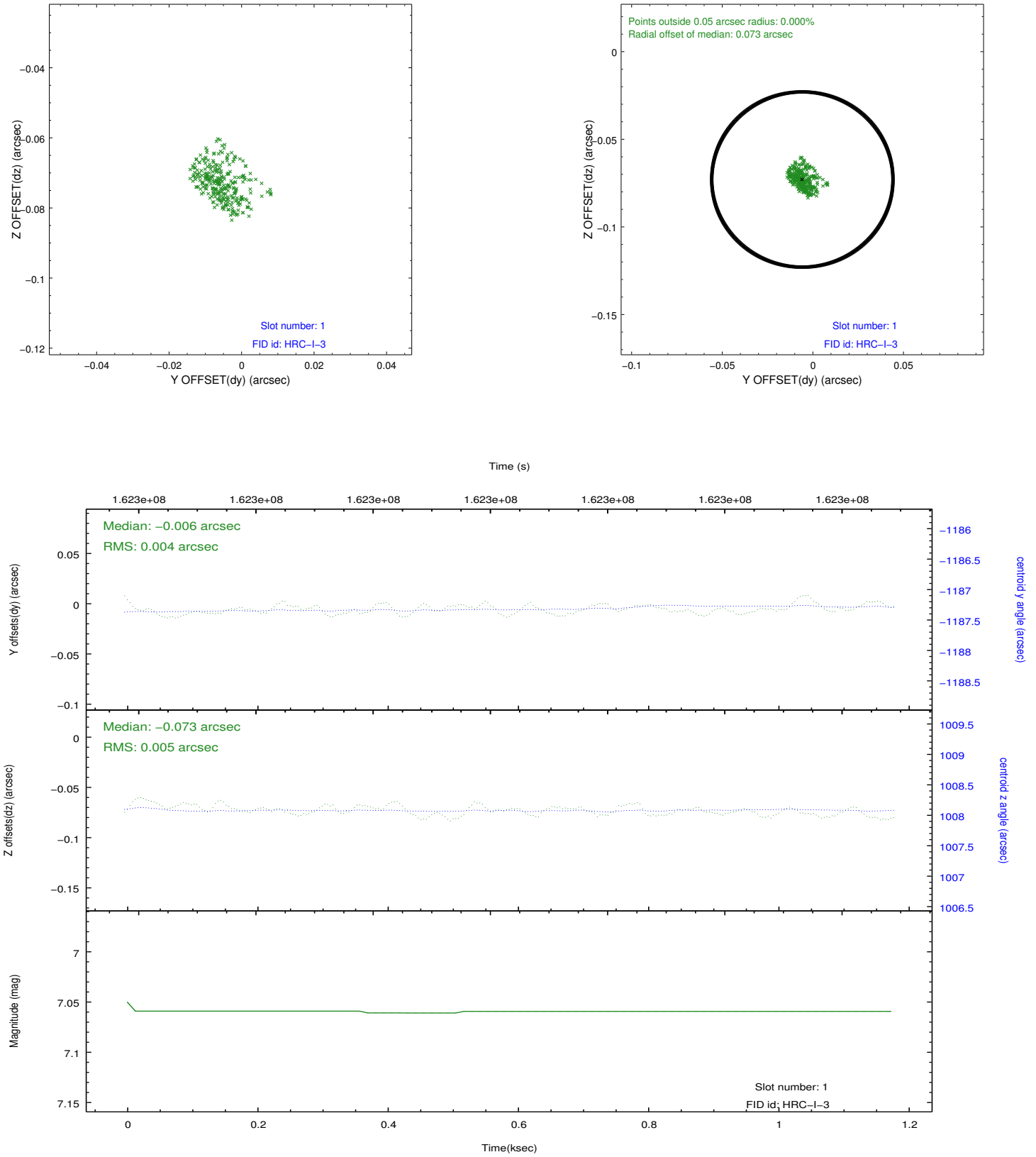


2.5 FID Slots

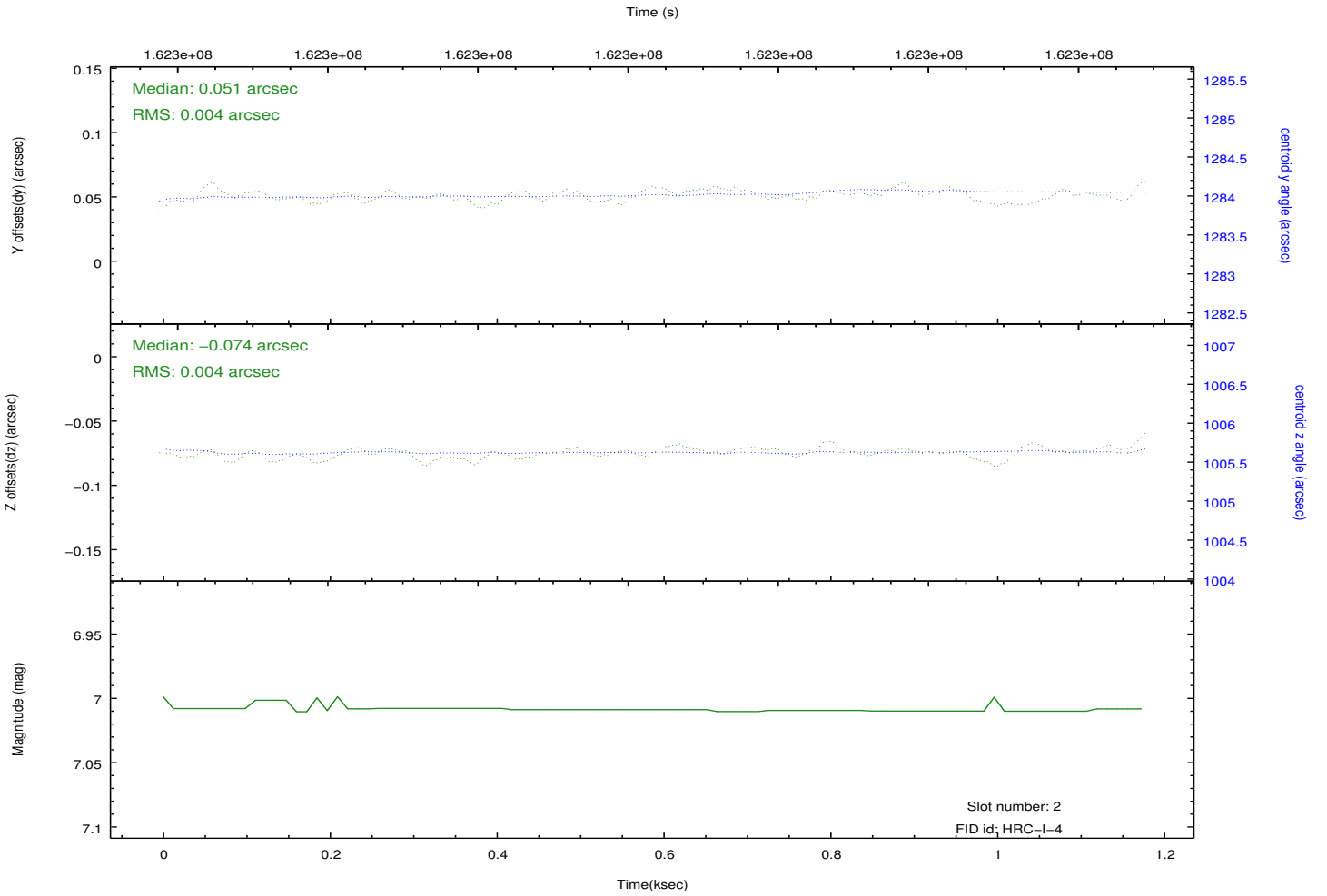
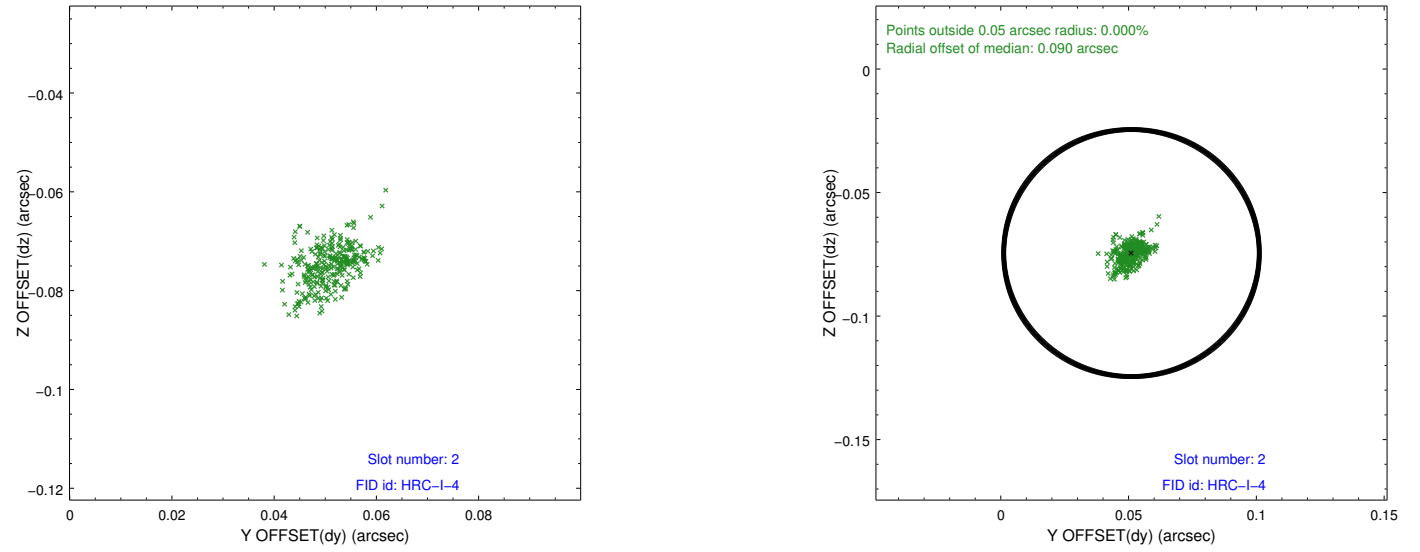
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.11.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.183

A.2 Comments

Window constraint met.