

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 6133 - L2 Version 4
Chandra X-Ray Center

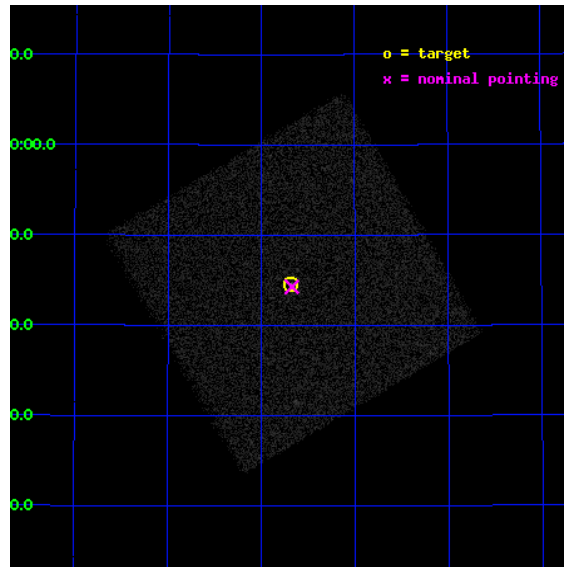
L2 Processing Date : Dec 11 2012

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1 Front

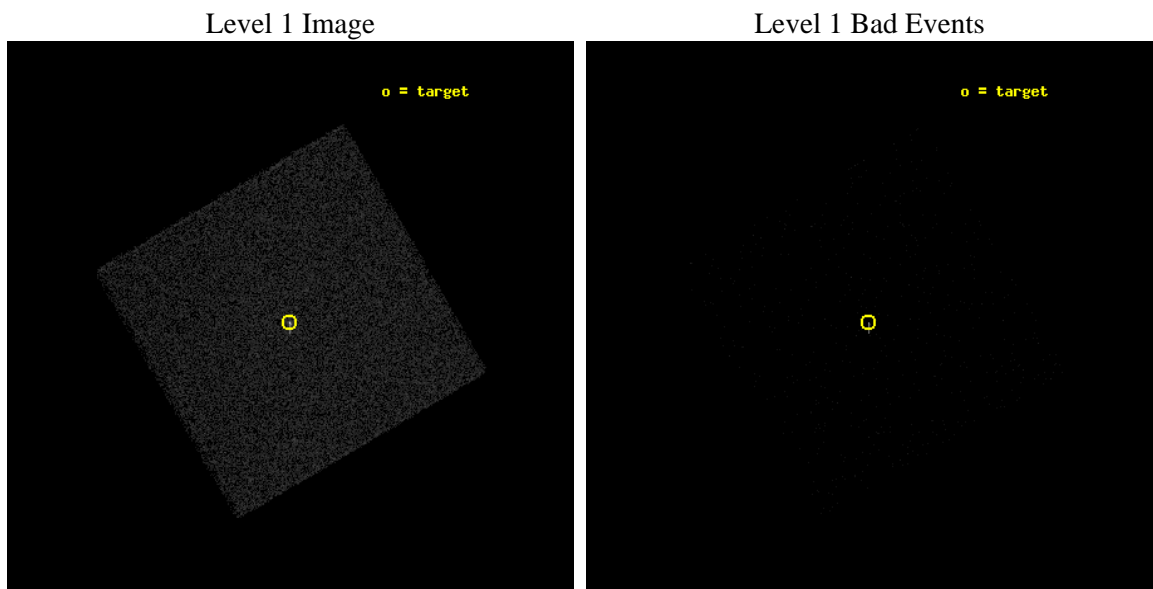
seq_num	290534	Sequence number
obs_id	6133	Observation id
title	AO5 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.1683111575	Nominal RA [deg]
dec_nom	45.73801336742	Nominal Dec [deg]
roll_nom	284.68899998055	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1083.681298703	[s]
livetime	1075.8982671009	Ontime multiplied by DTCOR
l2events	44020	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	900.000000	[s] Scheduled observation exposure time
ascdsver	8.5	Processing system revision	ontime	1083.681298703	[s]
caldbver	4.5.4	 	l1events	82136	Number of level 1 events
date	2012-12-11T23:51:57	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

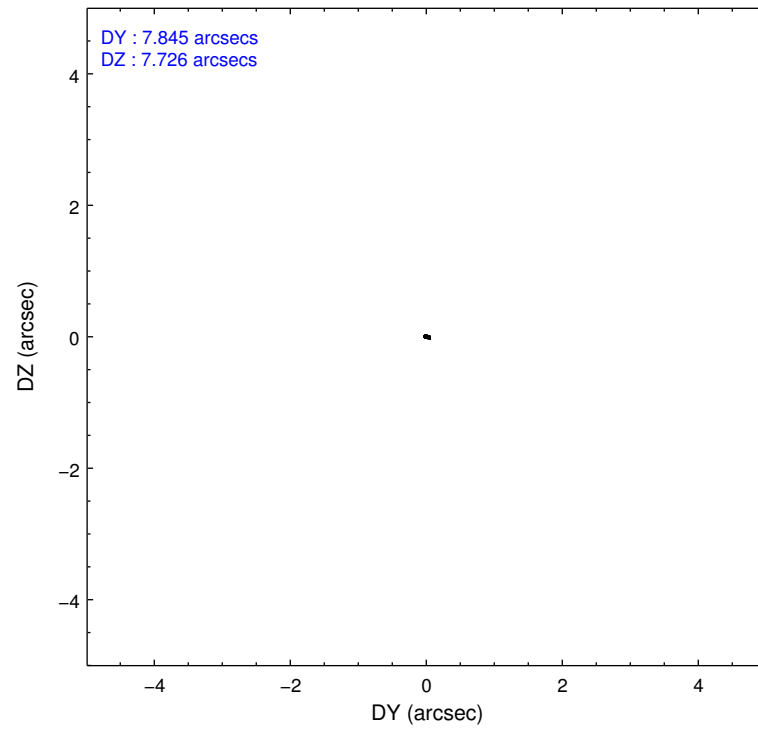
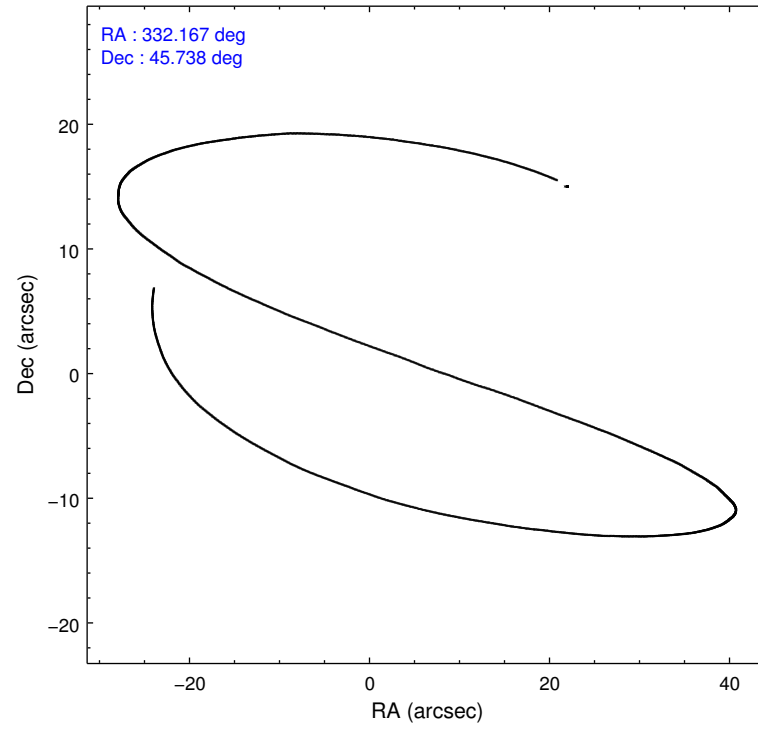
	segment 0
level 1 events	82136
rejected events	19013
rejected %	23%

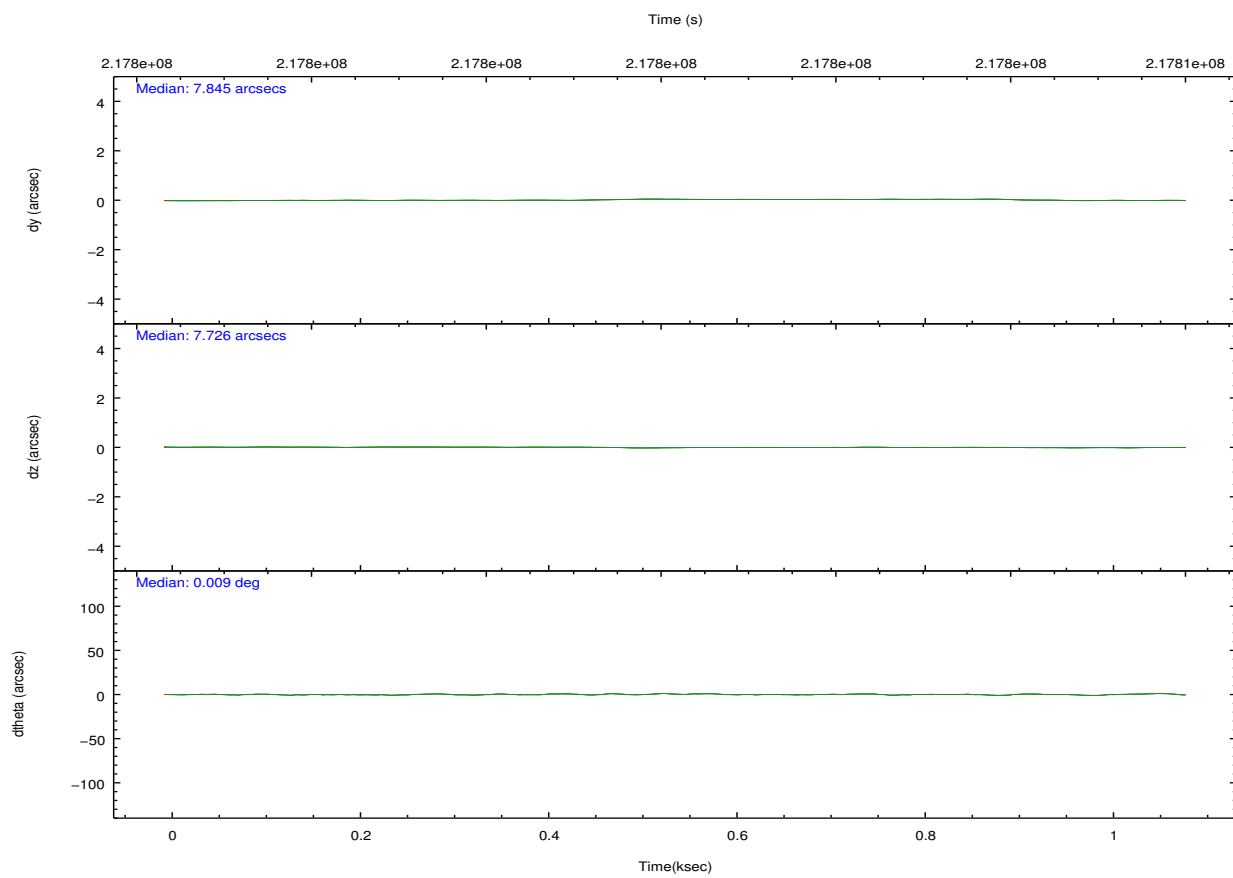
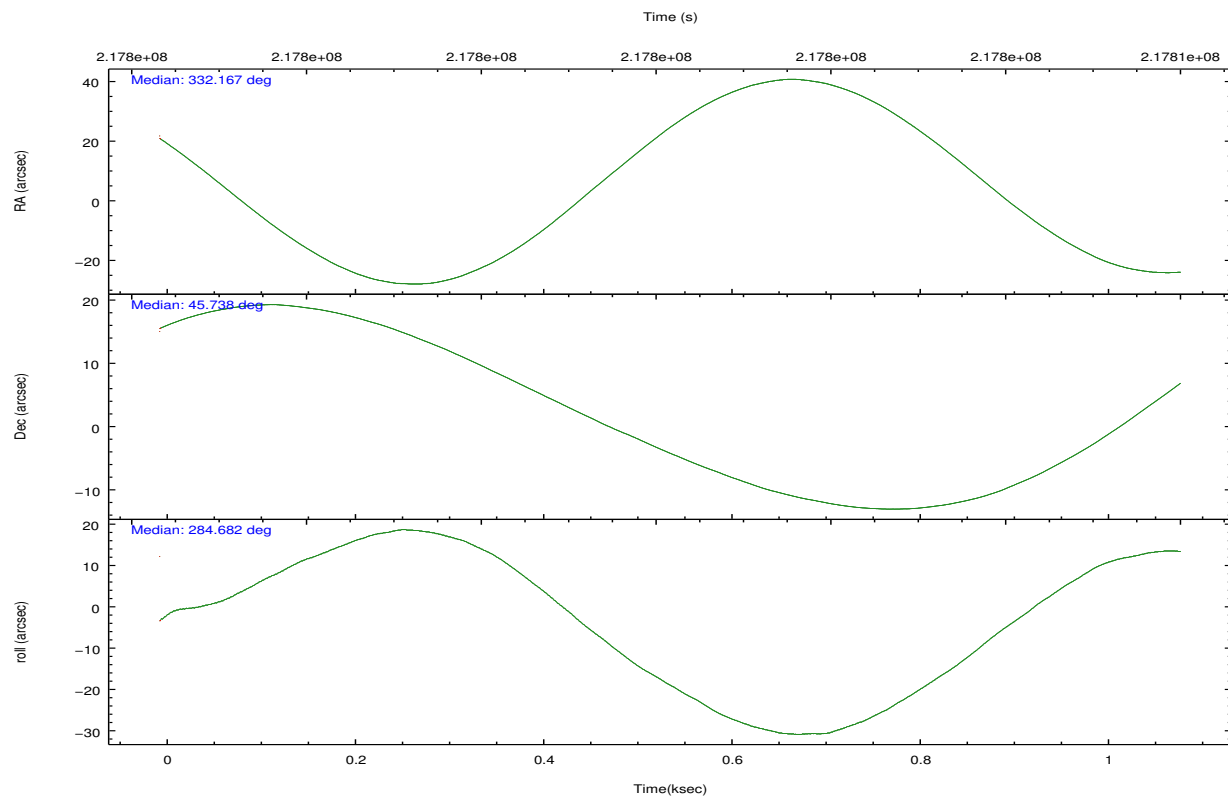
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.141221	332.1683111574974
[deg] Pointing Dec	45.756996	45.73801336741998
[deg] Pointing Roll	284.803802	284.6889999805456
[s] Window start time (MET)	210384064.184000	210384064.184000
[s] Window stop time (MET)	220838464.184000	220838464.184000
[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)	217804257.184000	217803880.98404
Observation start date	2004-11-25T21:09:53	2004-11-25T21:04:40
[s] Observation end time (MET)	217805157.184000	217805291.3841
Observation end date	2004-11-25T21:24:53	2004-11-25T21:28:11

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



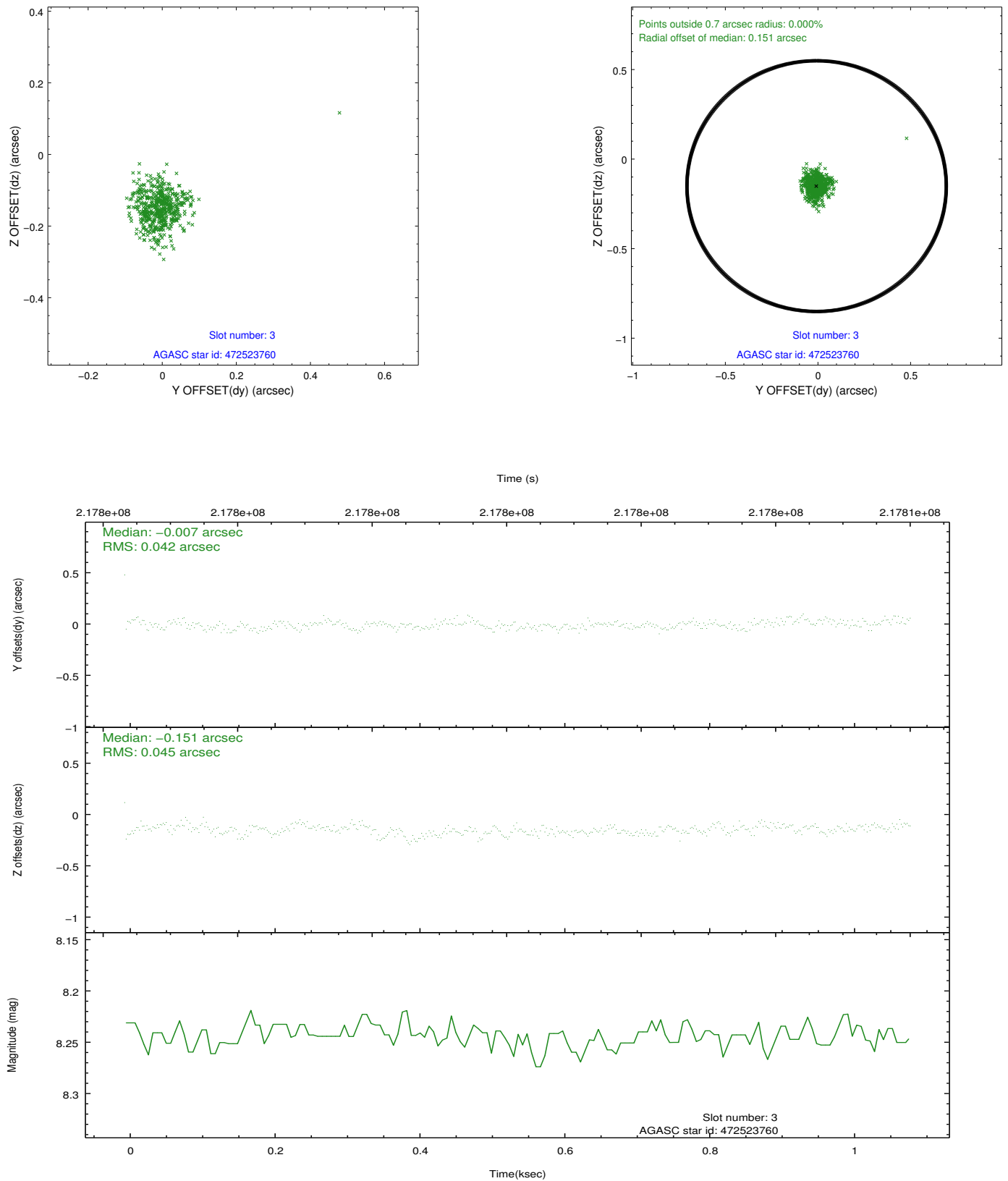


Slot Statistics

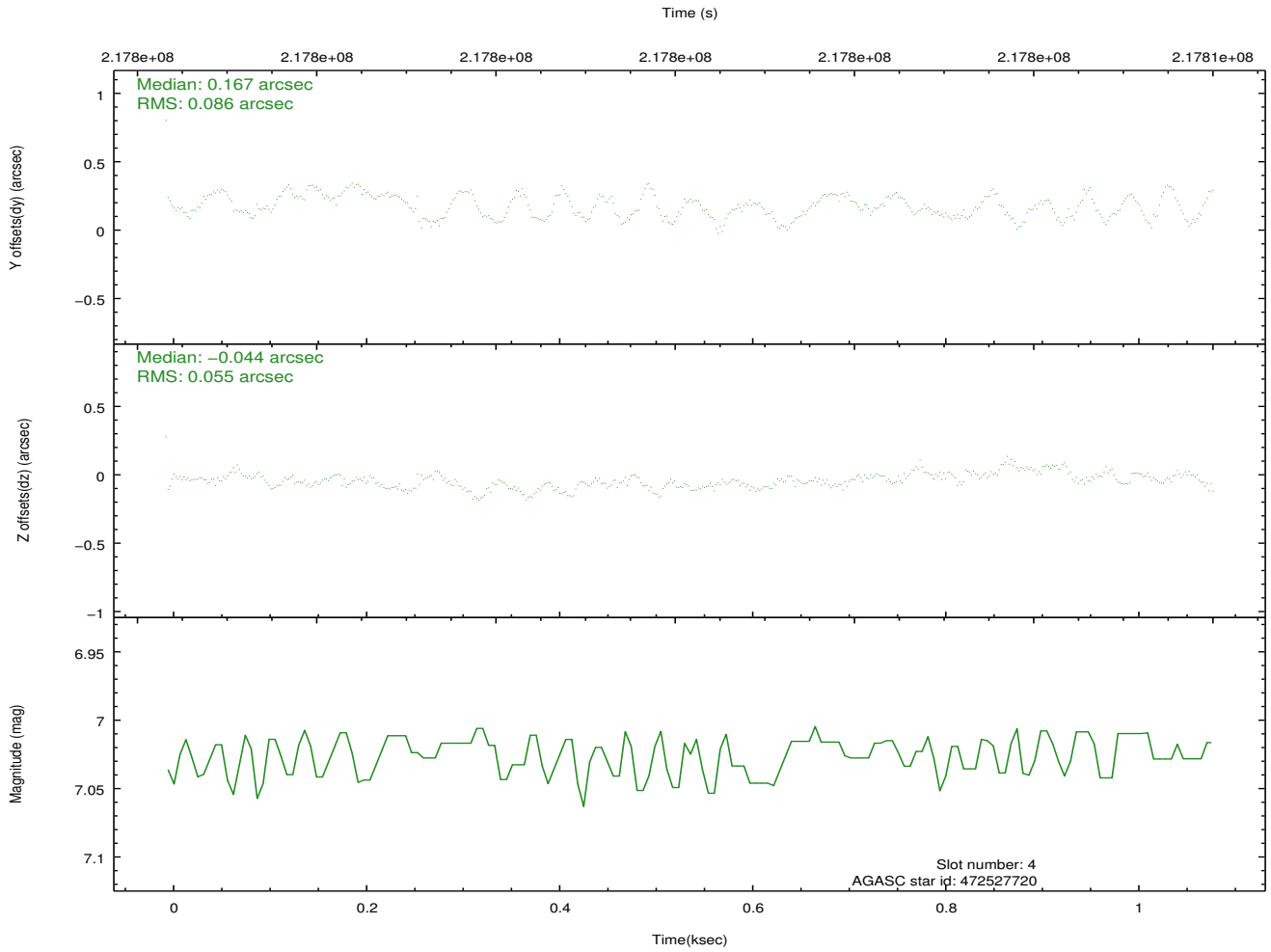
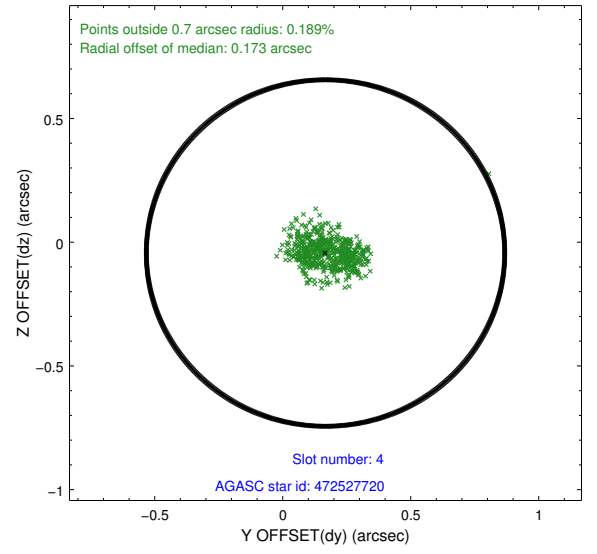
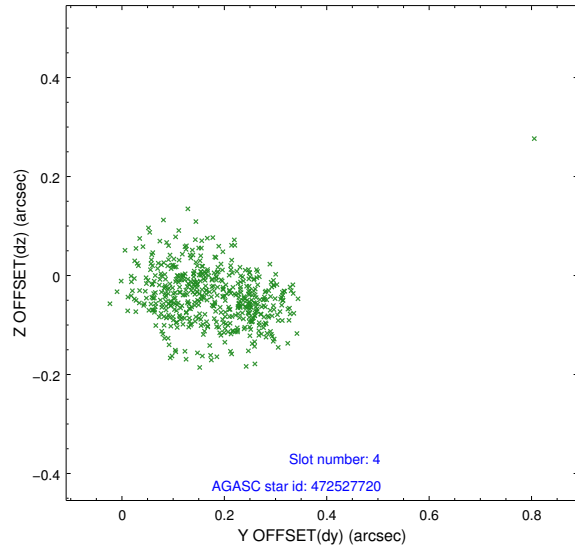
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.00	265	-0.002	0.039	0.007	0.012	0.000000	0.000000	-763.48	-1295.60
1	FID	HRC-I-2	7.04	265	0.152	-0.126	0.007	0.011	0.000000	0.000000	846.43	-1302.24
2	FID	HRC-I-3	7.09	265	-0.032	-0.001	0.005	0.010	0.000000	0.000000	-1188.78	1004.01
3	GUIDE	472523760	8.24	530	-0.007	-0.151	0.060	0.096	331.645363	45.403260	907.73	-1533.79
4	GUIDE	472527720	7.02	530	0.167	-0.044	0.108	0.159	331.460205	45.112509	1796.54	-2264.03
5	GUIDE	472655152	9.43	530	0.024	0.062	0.107	0.192	332.504239	45.862991	-134.77	976.08
6	GUIDE	472659832	9.45	530	-0.082	0.057	0.115	0.202	332.780399	46.098139	-786.17	1862.27
7	GUIDE	472533912	9.16	529	-0.110	0.089	0.081	0.130	331.791136	46.368695	-2354.36	-271.99

2.4 Star Slots

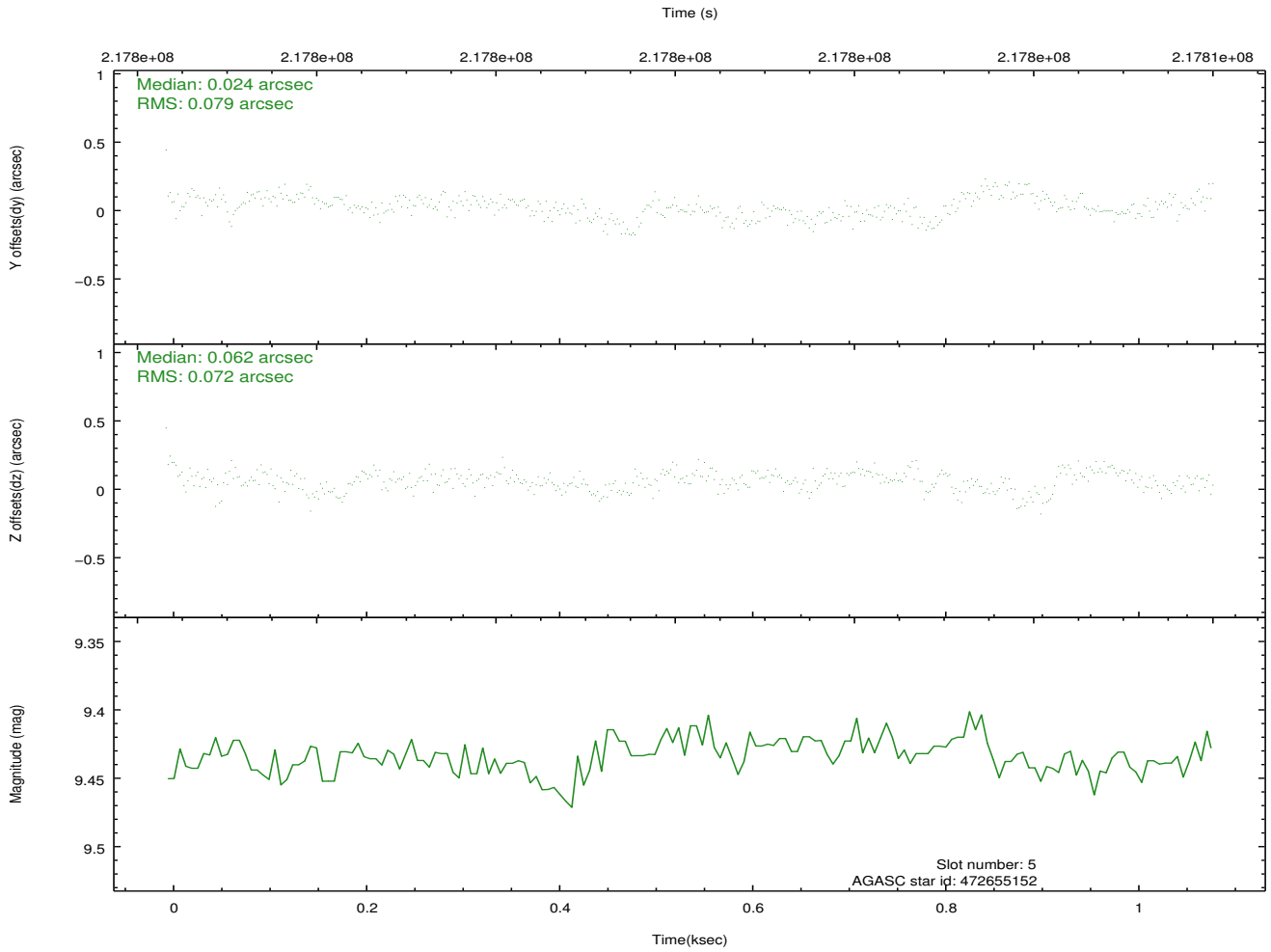
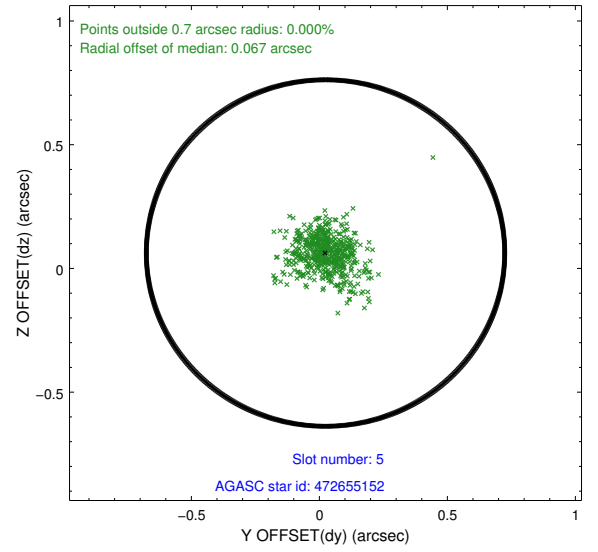
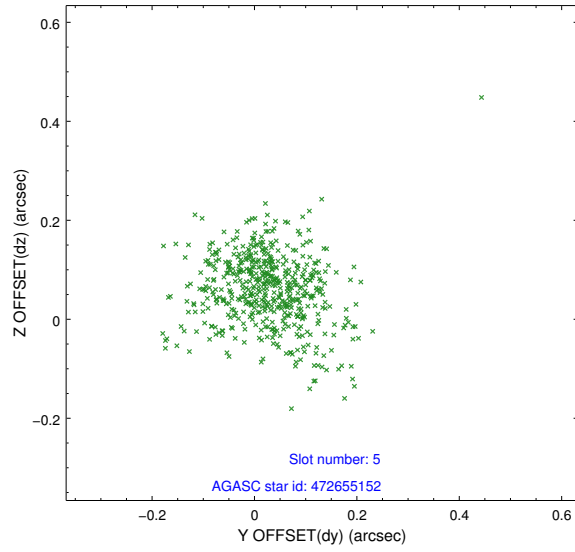
2.4.1 Slot 3



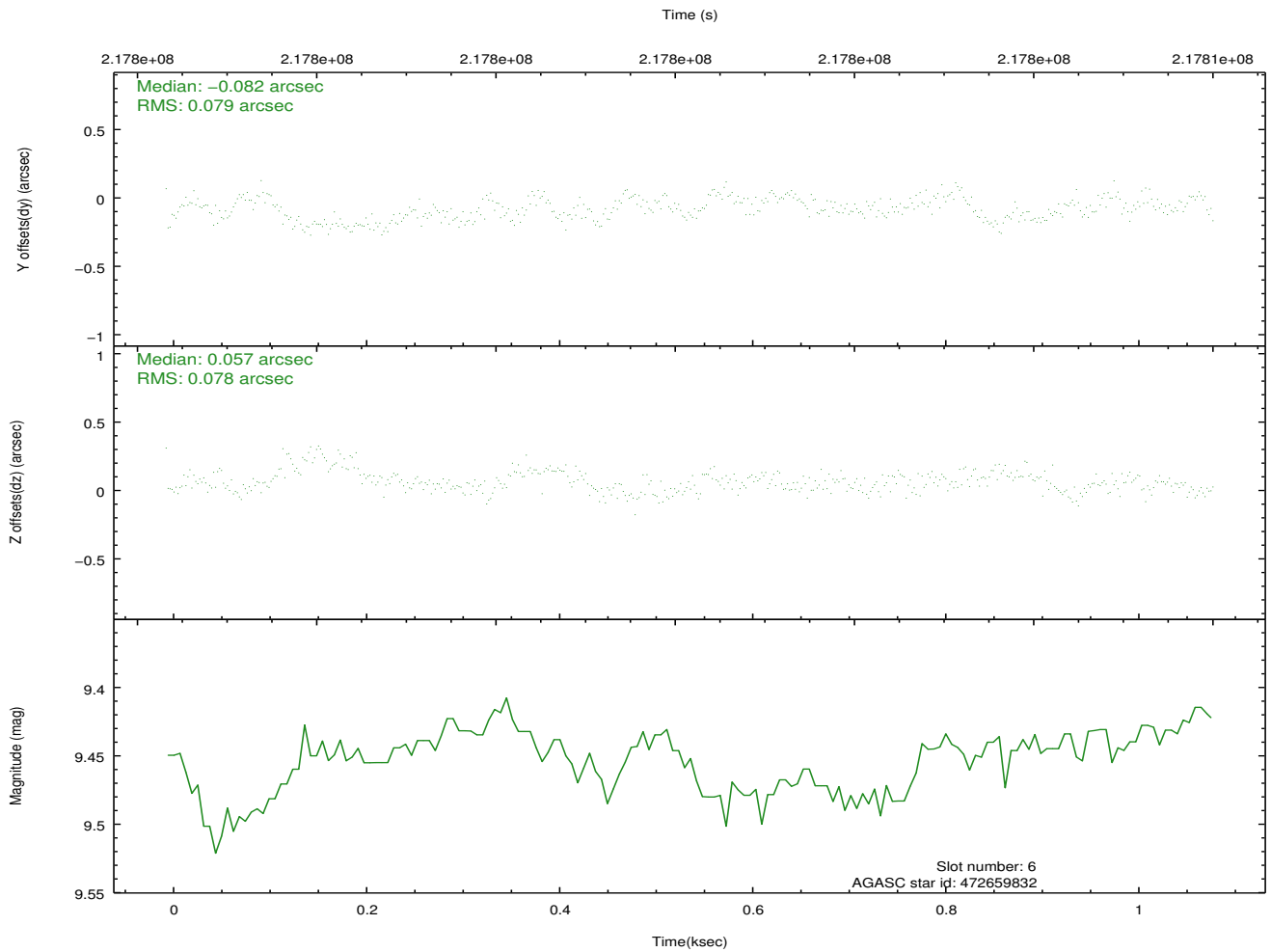
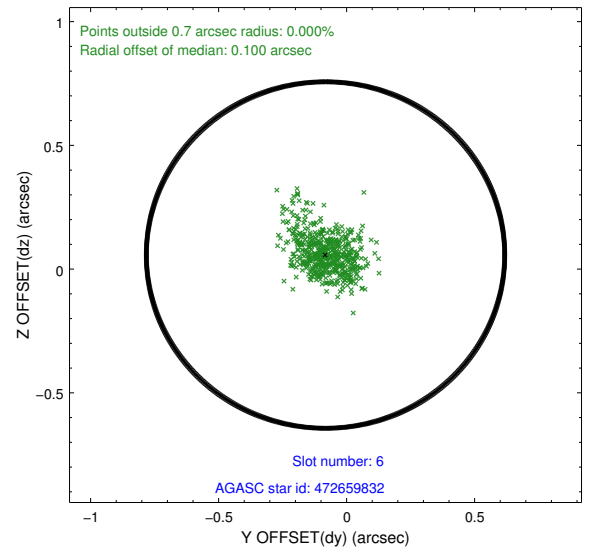
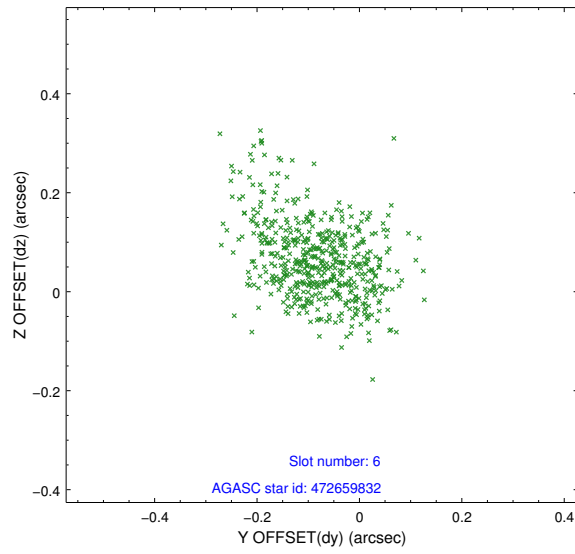
2.4.2 Slot 4



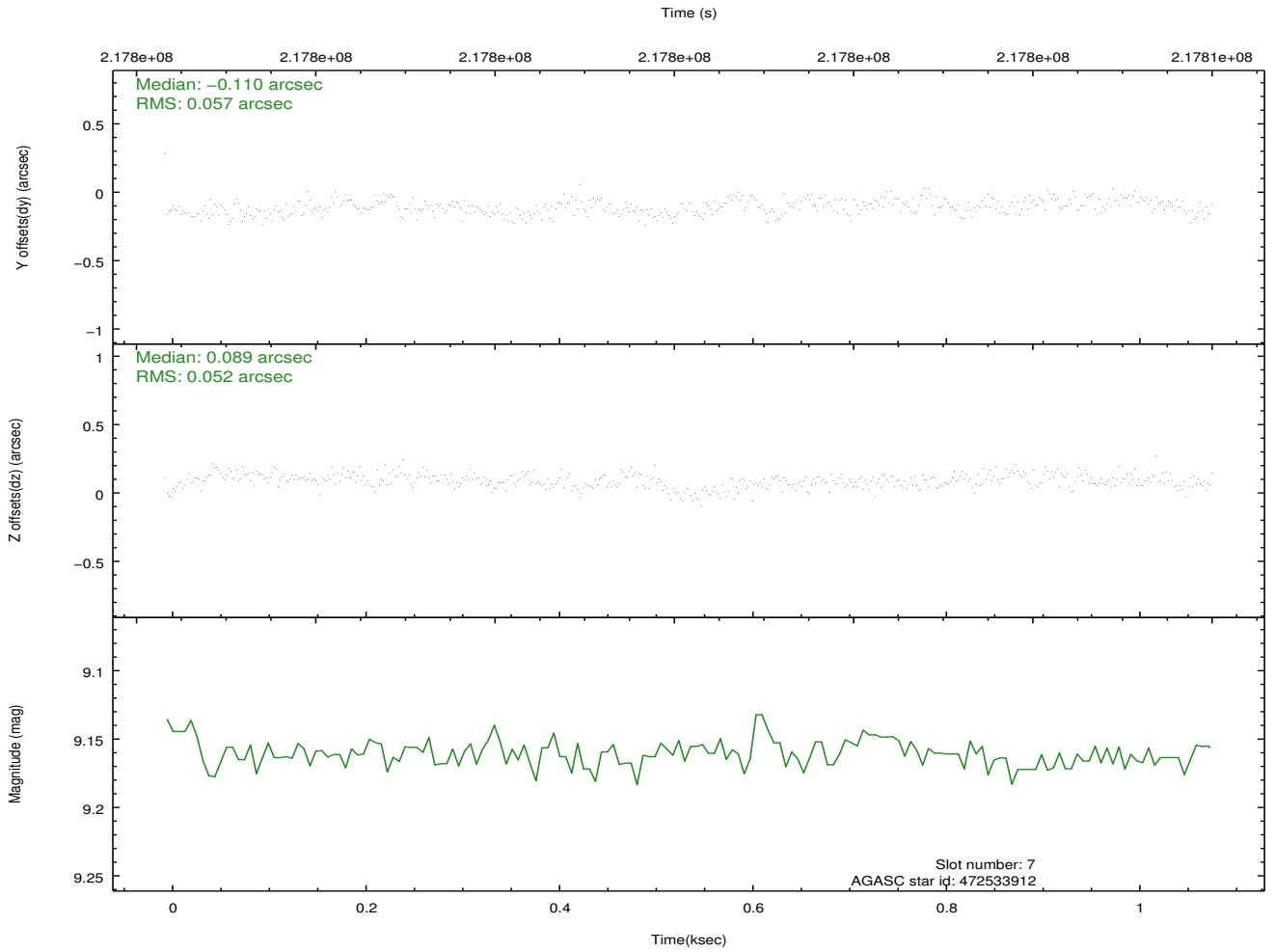
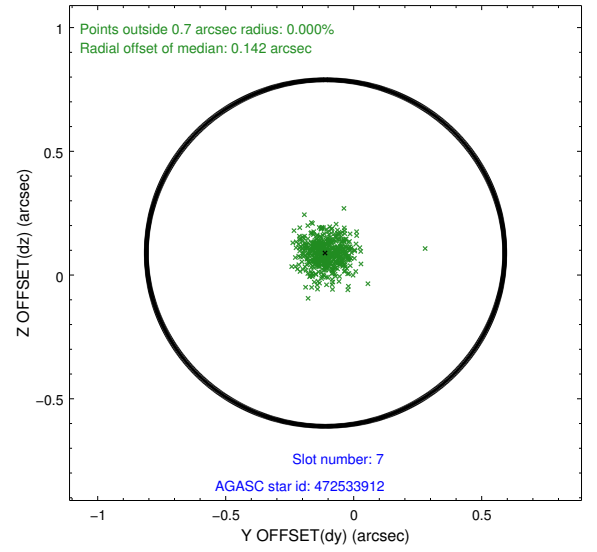
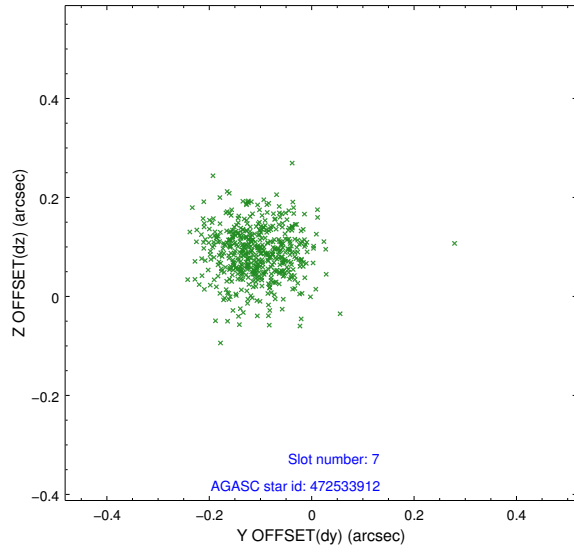
2.4.3 Slot 5



2.4.4 Slot 6

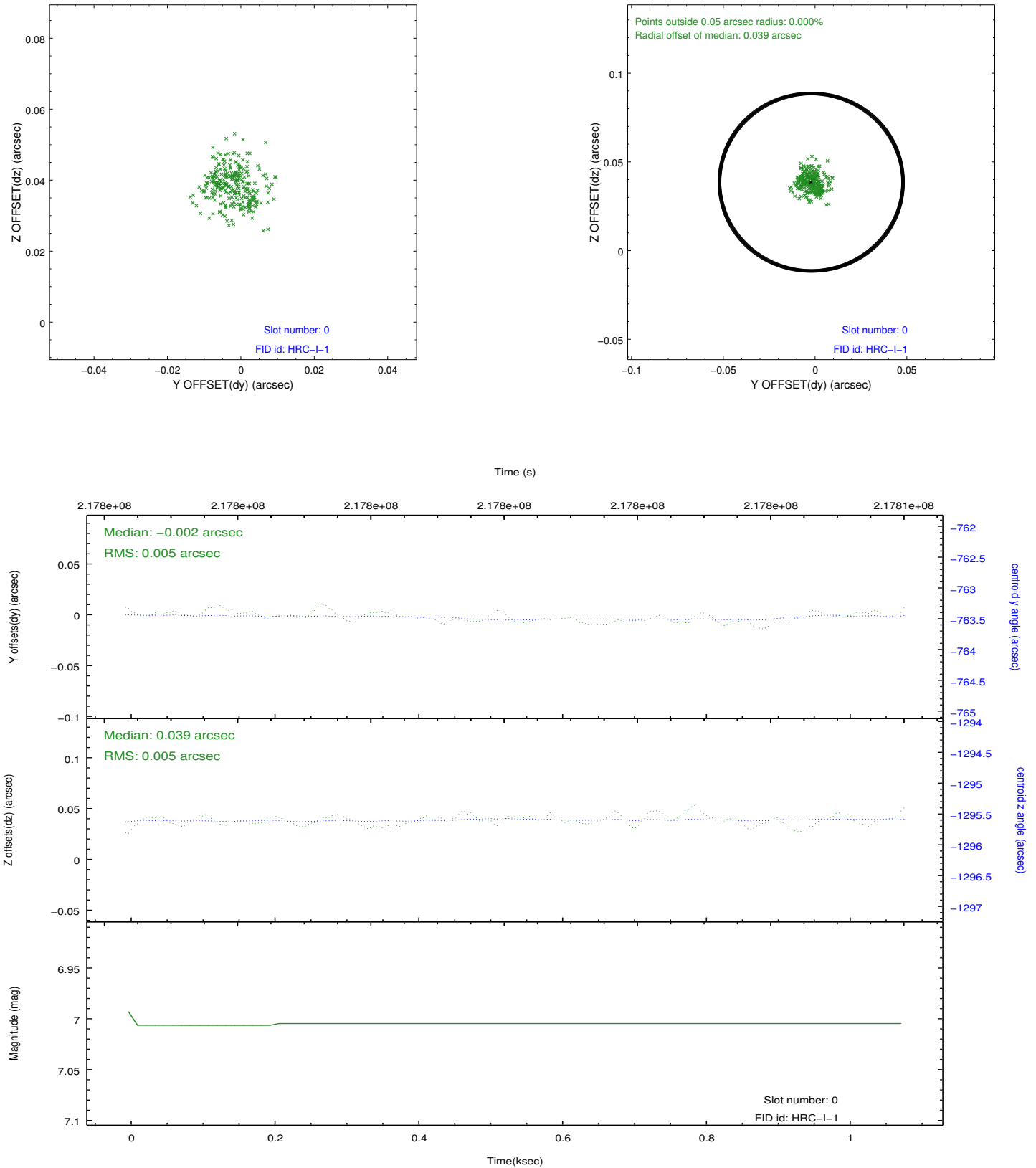


2.4.5 Slot 7

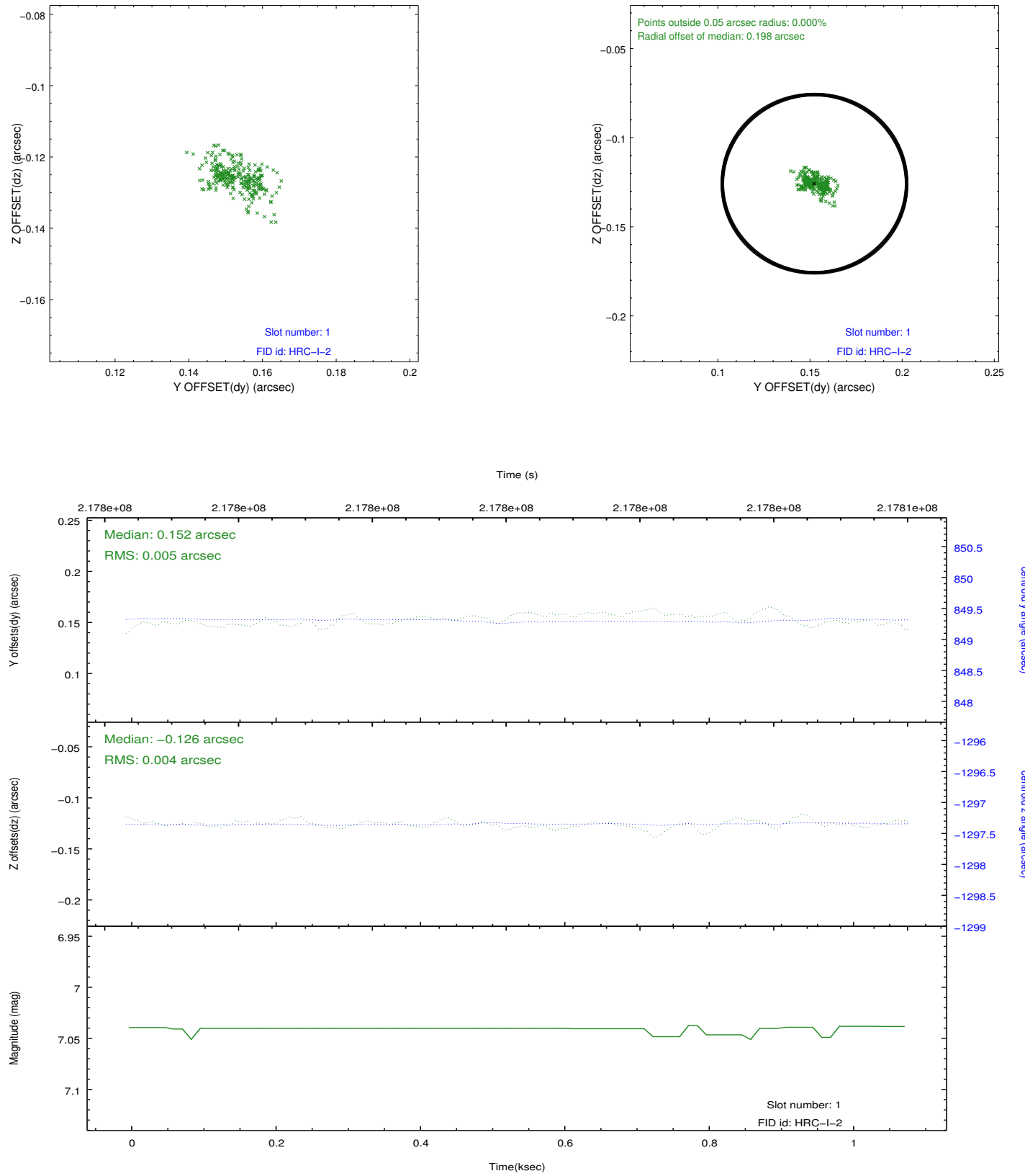


2.5 FID Slots

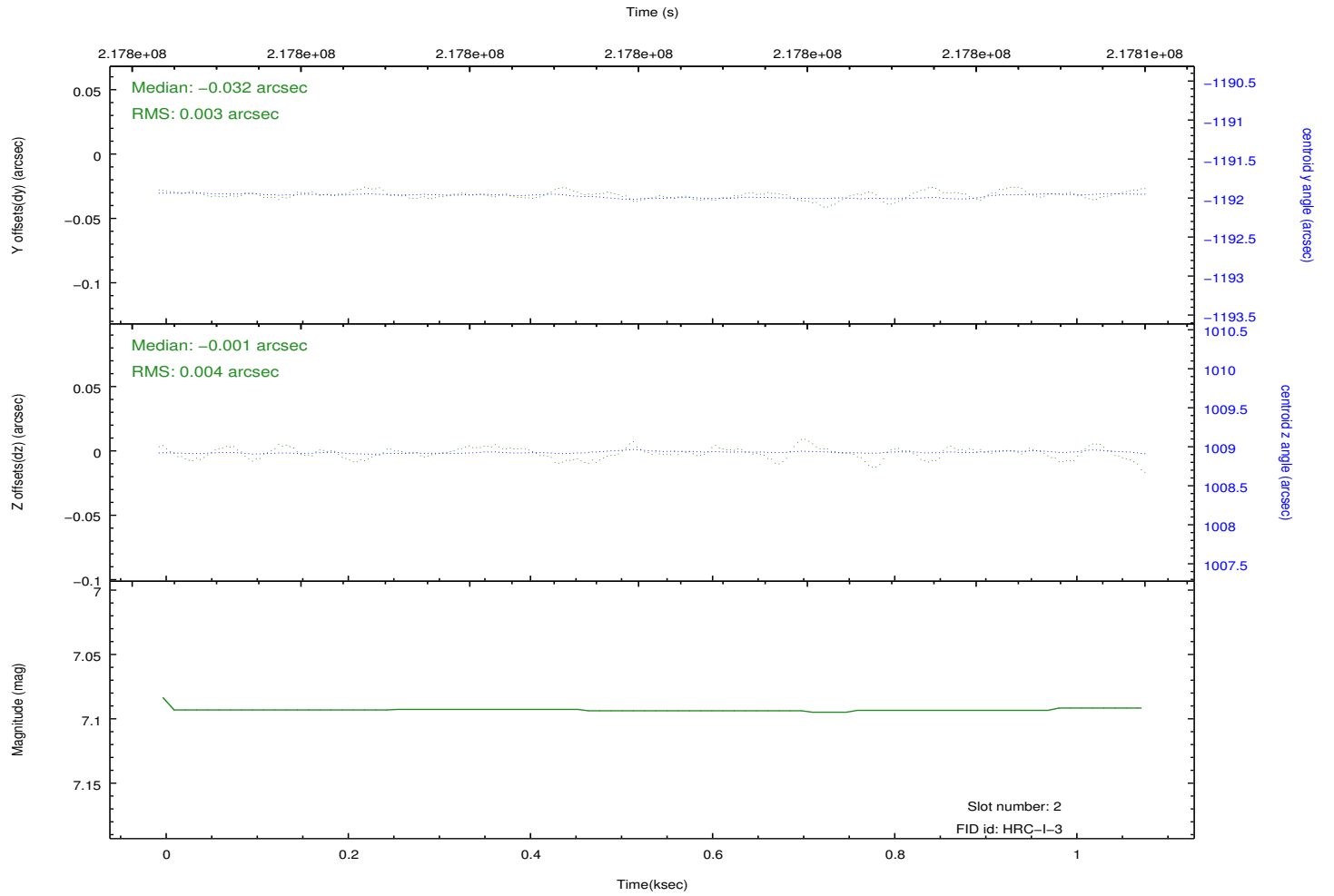
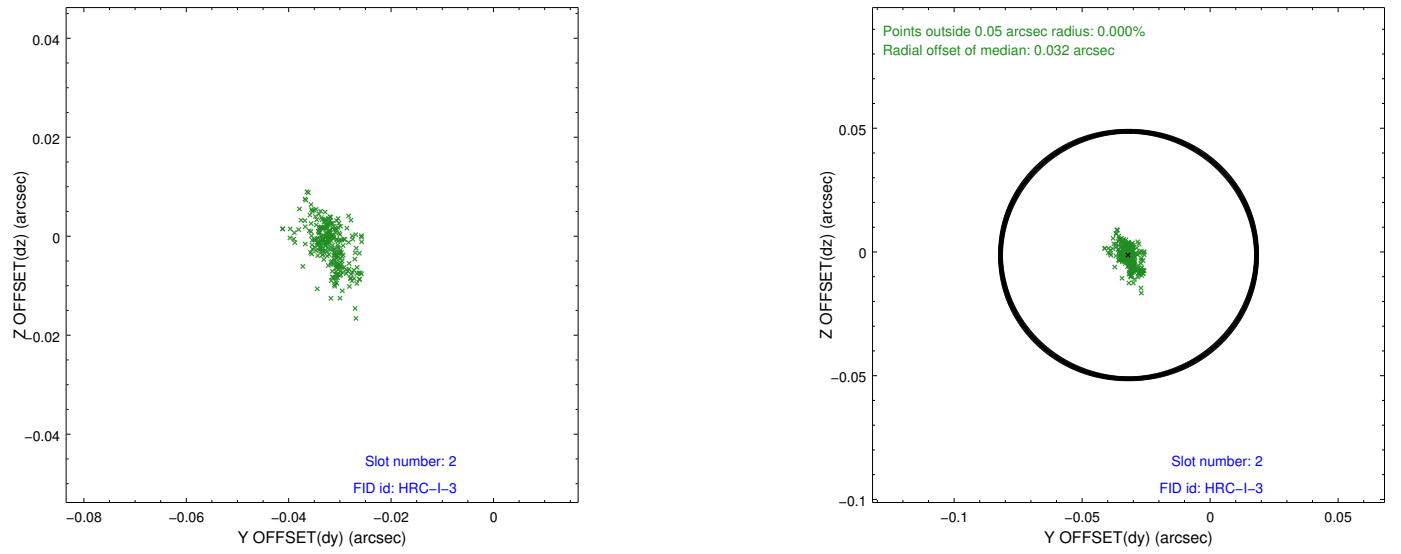
2.5.1 Slot 0



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)	2013.01.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.08368129

A.2 Comments

Window constraint satisfied.