

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 5078 - L2 Version 4
Chandra X-Ray Center

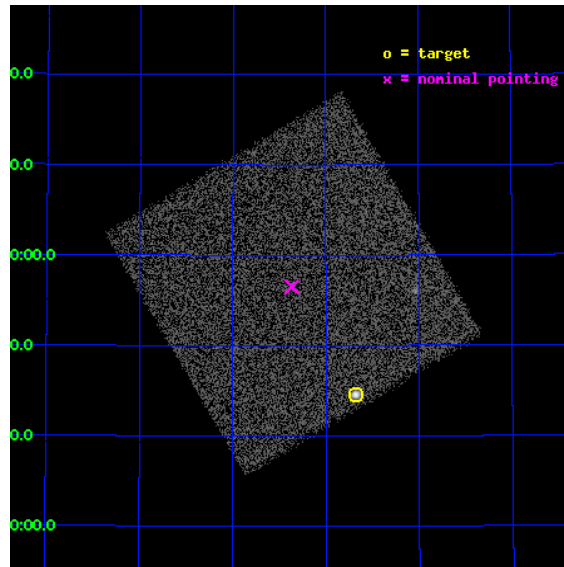
L2 Processing Date : Dec 11 2012

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1 Front

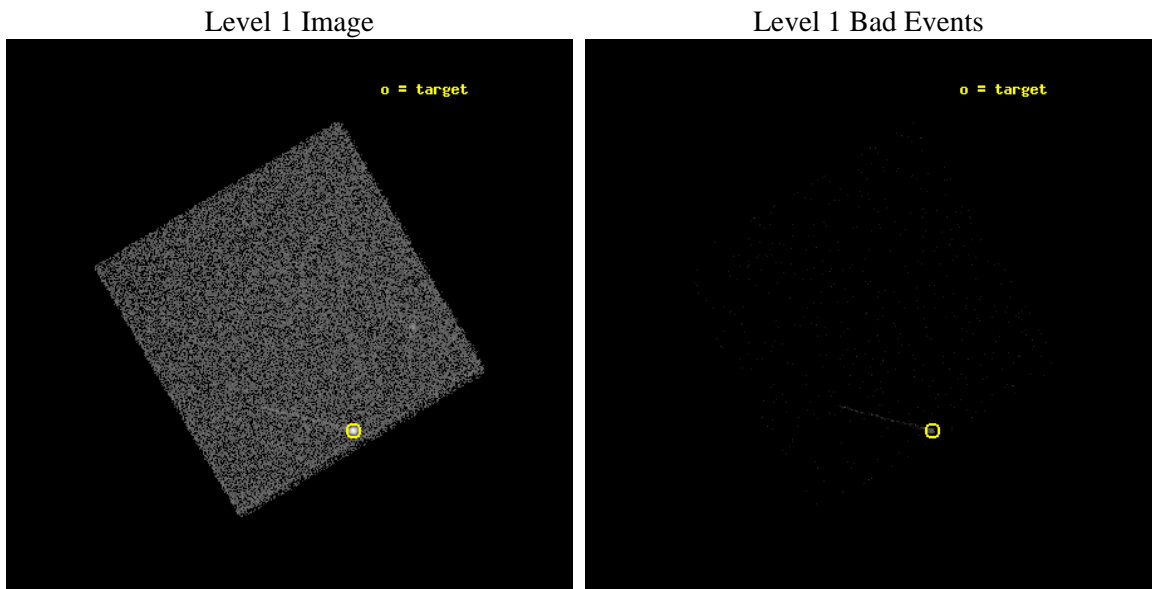
seq_num	290351	Sequence number
obs_id	5078	Observation id
title	AO5 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.34113910099	Nominal RA [deg]
dec_nom	45.941718220362	Nominal Dec [deg]
roll_nom	284.47708583788	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1085.7312988043	[s]
livetime	1077.9984453254	Ontime multiplied by DTCOR
l2events	42657	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	900.000000	[s] Scheduled observation exposure time
ascdsver	8.5	Processing system revision	ontime	1085.7312988043	[s]
caldbver	4.5.4	 	l1events	80280	Number of level 1 events
date	2012-12-11T23:52:03	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

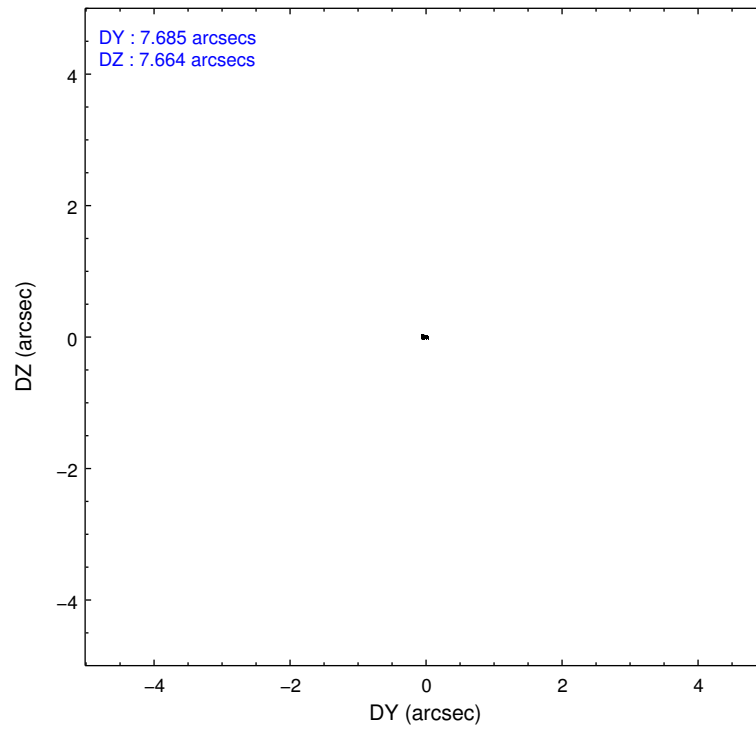
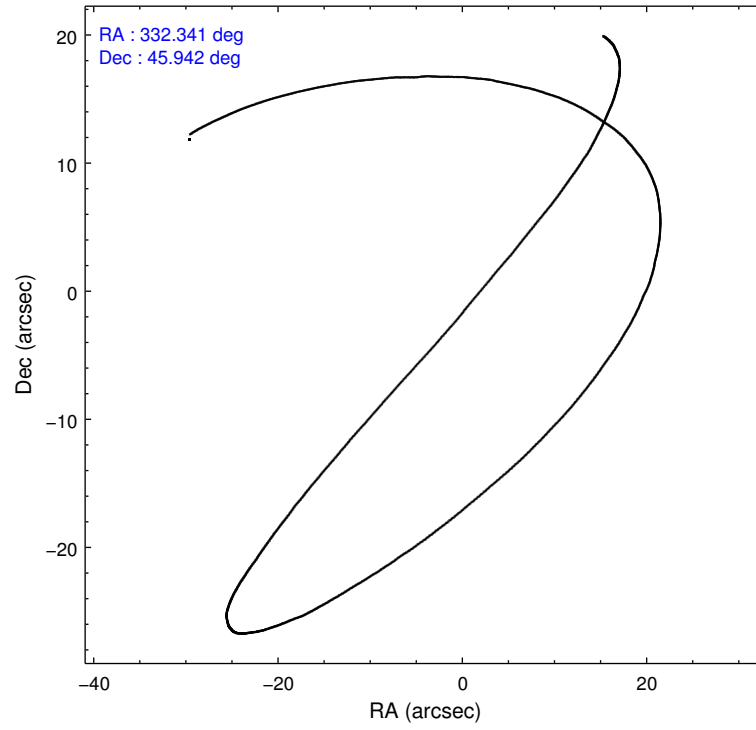
Level 1 Events

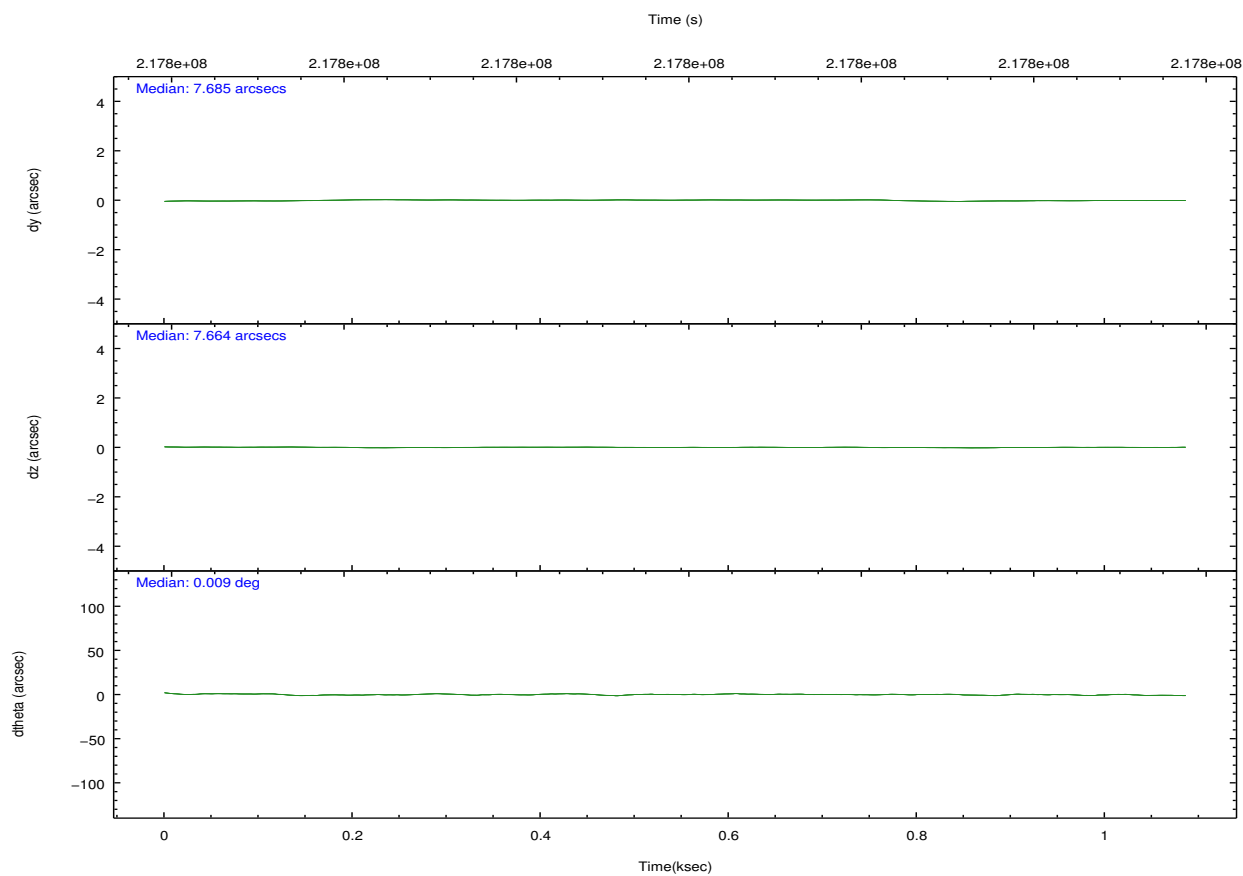
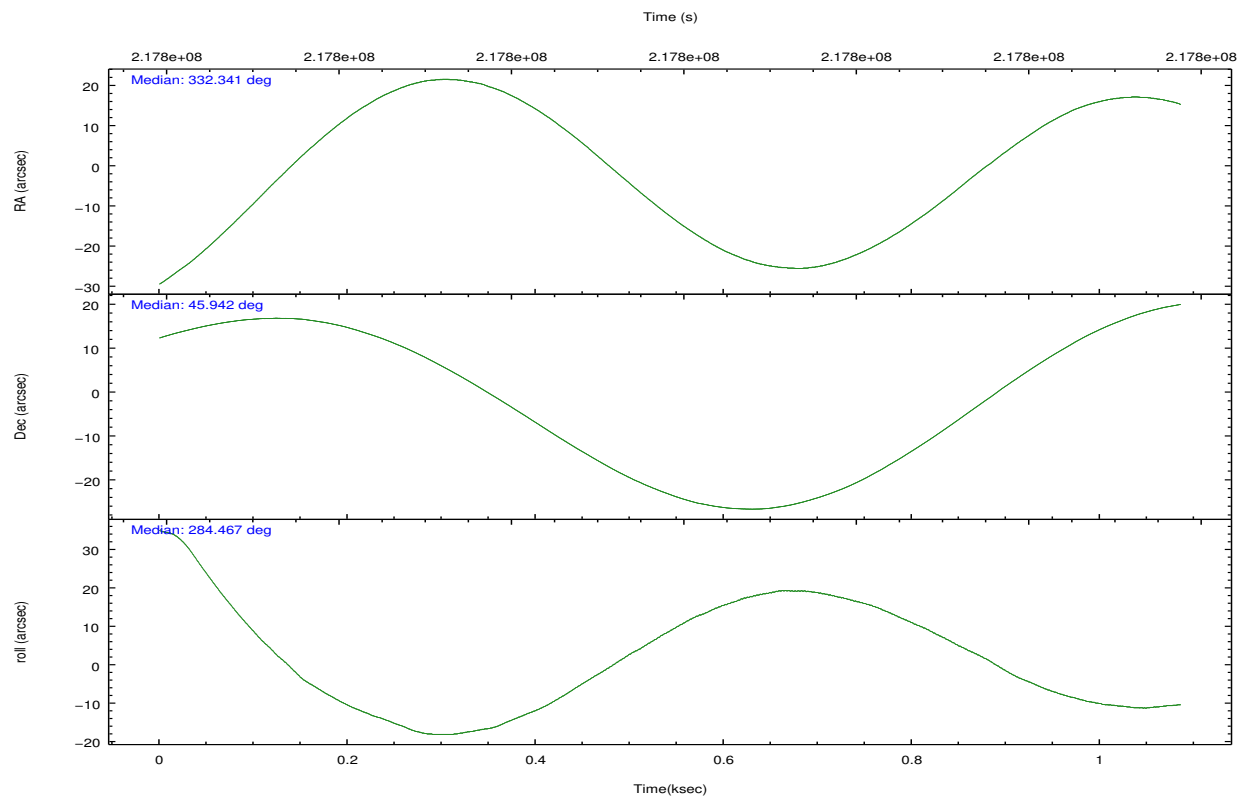
	segment 0
level 1 events	80280
rejected events	18129
rejected %	22%

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	332.312235	332.3411391009876			
[deg] Pointing Dec	45.960441	45.94171822036206			
[deg] Pointing Roll	284.593254	284.4770858378823			
[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)	217800027.184000	217799650.80885			
Observation start date	2004-11-25T19:59:23	2004-11-25T19:54:10			
[s] Observation end time (MET)	217800927.184000	217801061.20891			
Observation end date	2004-11-25T20:14:23	2004-11-25T20:17:41			

2.3 Aspect



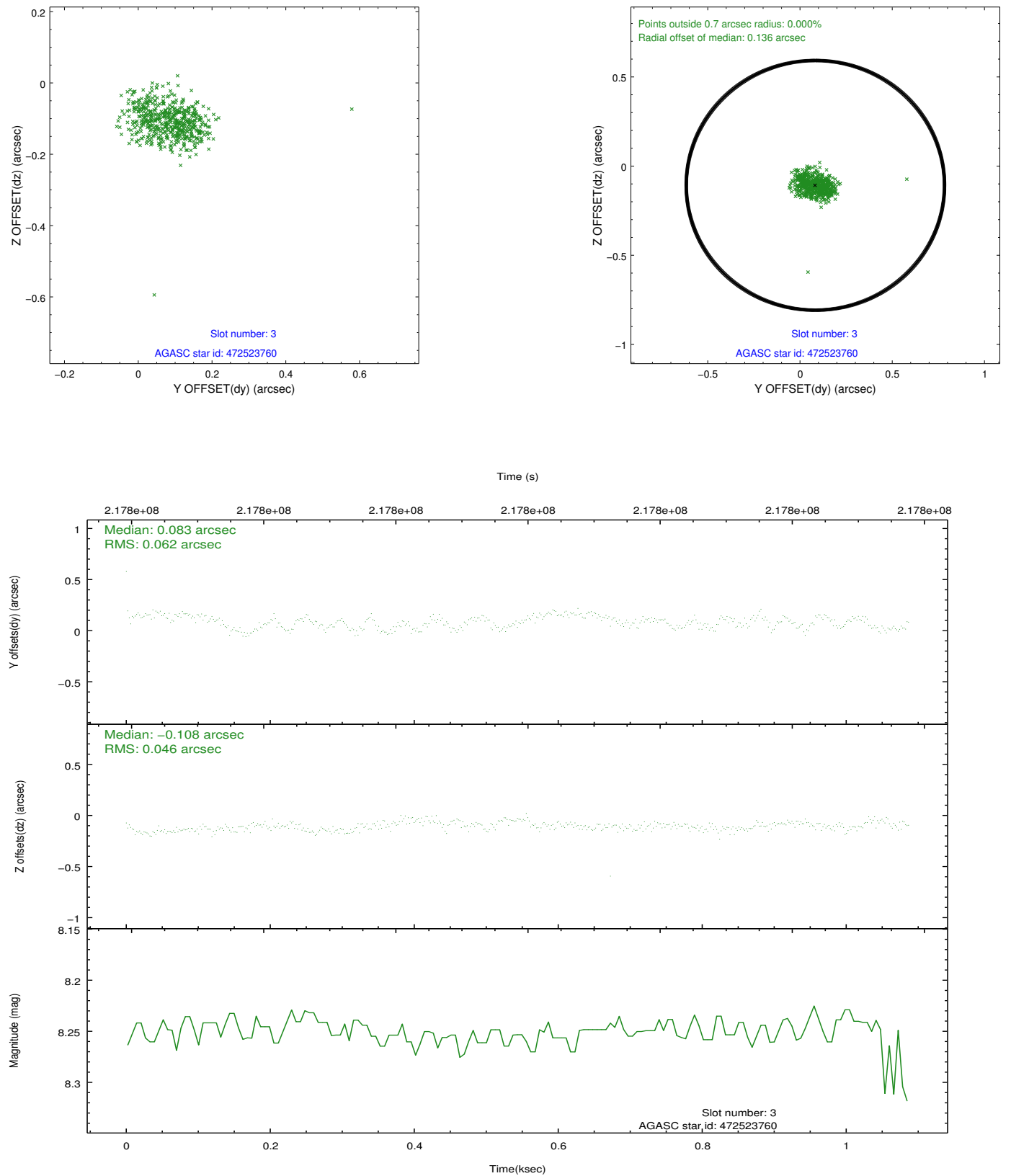


Slot Statistics

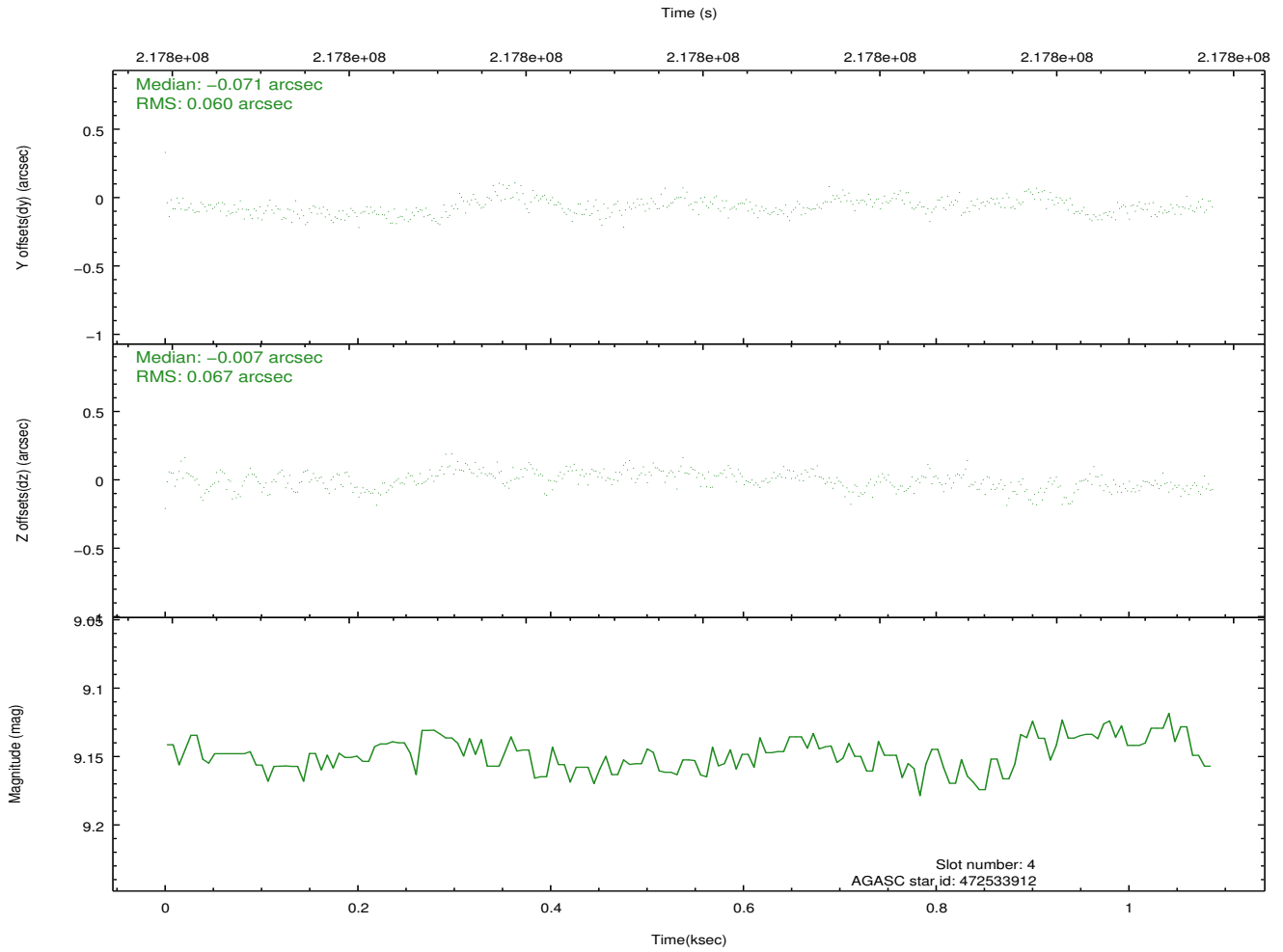
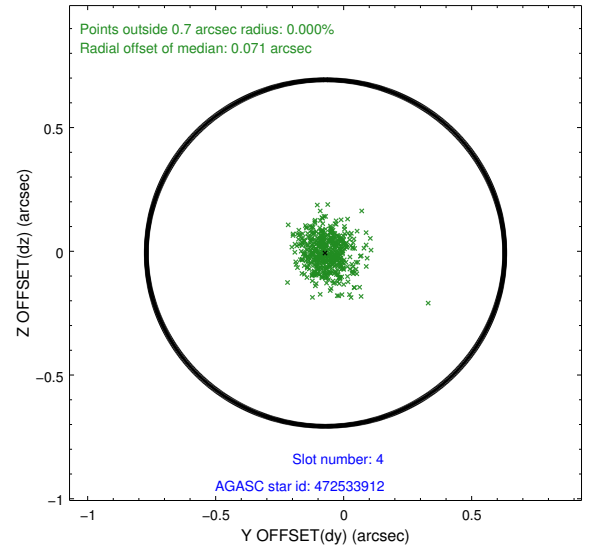
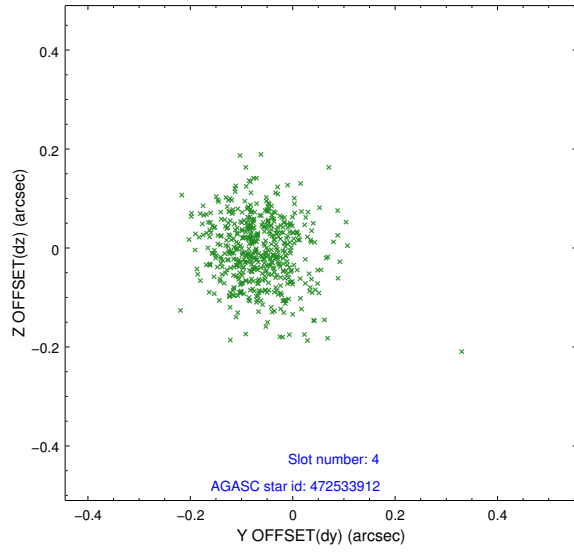
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.01	265	0.006	0.040	0.008	0.014	0.000000	0.000000	-763.29	-1295.53
1	FID	HRC-I-2	7.05	265	0.143	-0.124	0.007	0.012	0.000000	0.000000	846.60	-1302.17
2	FID	HRC-I-3	7.10	265	-0.030	-0.005	0.007	0.015	0.000000	0.000000	-1188.59	1004.08
3	GUIDE	472523760	8.25	531	0.083	-0.108	0.078	0.118	331.645363	45.403260	1510.34	-2136.84
4	GUIDE	472533912	9.15	531	-0.071	-0.007	0.091	0.152	331.791136	46.368695	-1749.44	-887.71
5	GUIDE	472659736	9.38	531	-0.036	-0.014	0.104	0.167	332.848312	46.590160	-1867.53	1851.77
6	GUIDE	472659832	9.47	530	0.076	0.097	0.092	0.152	332.780399	46.098139	-192.06	1258.25
7	GUIDE	472663088	9.00	530	-0.040	0.024	0.094	0.160	332.931735	46.600119	-1848.90	2064.76

2.4 Star Slots

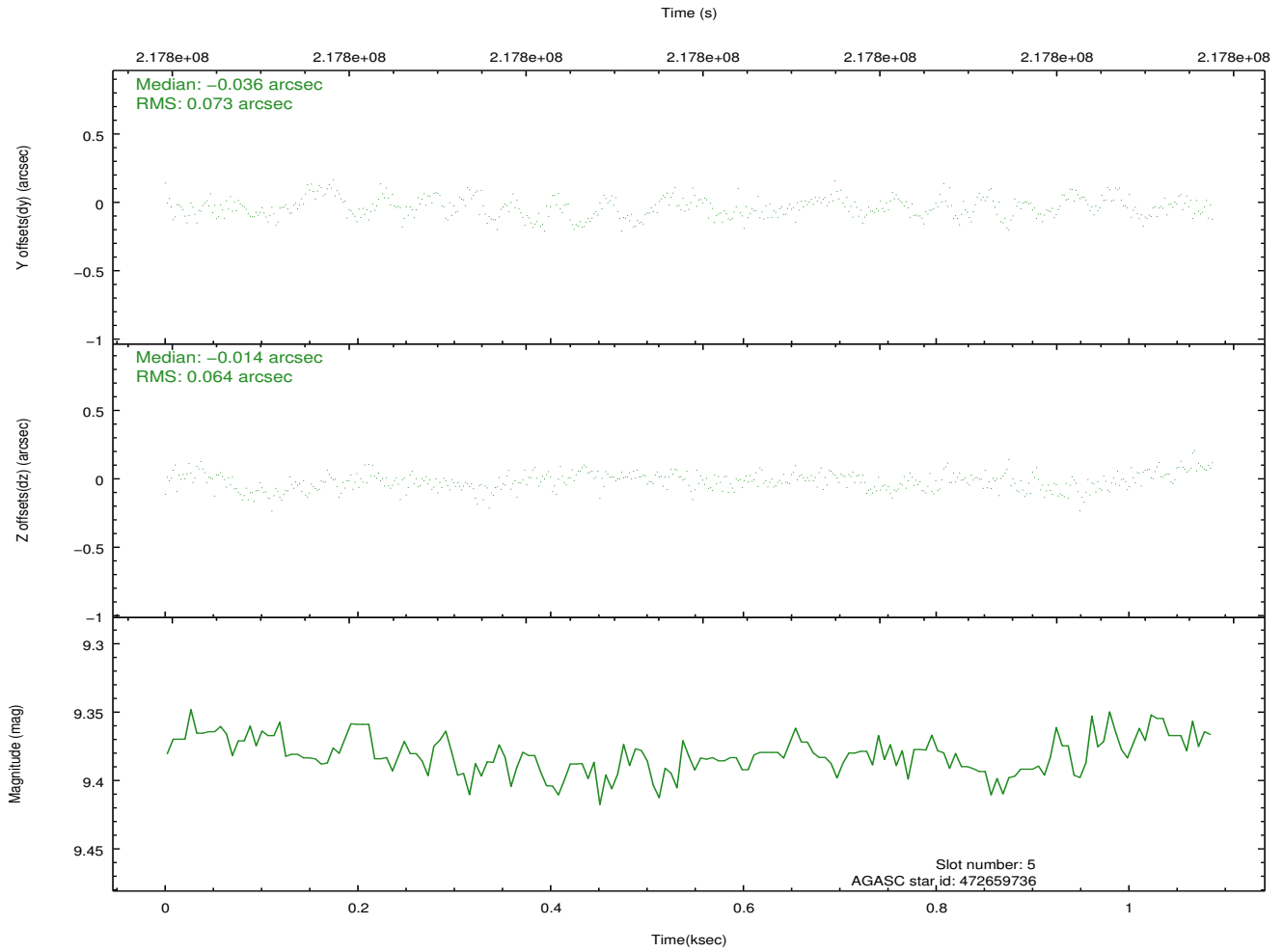
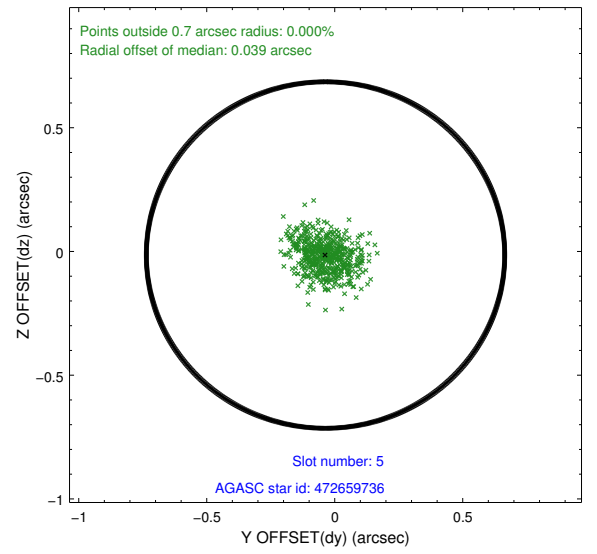
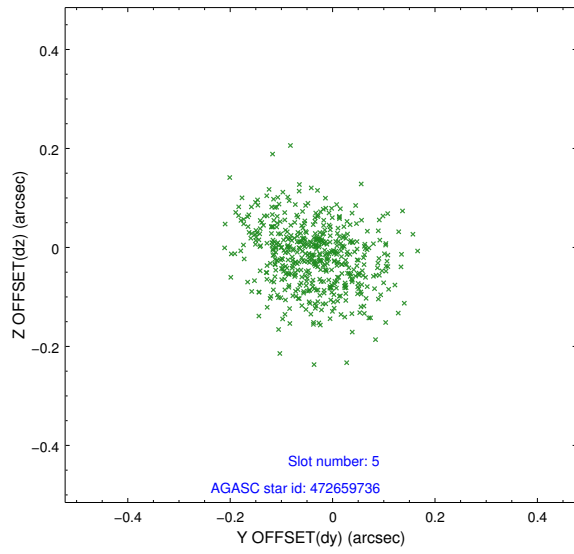
2.4.1 Slot 3



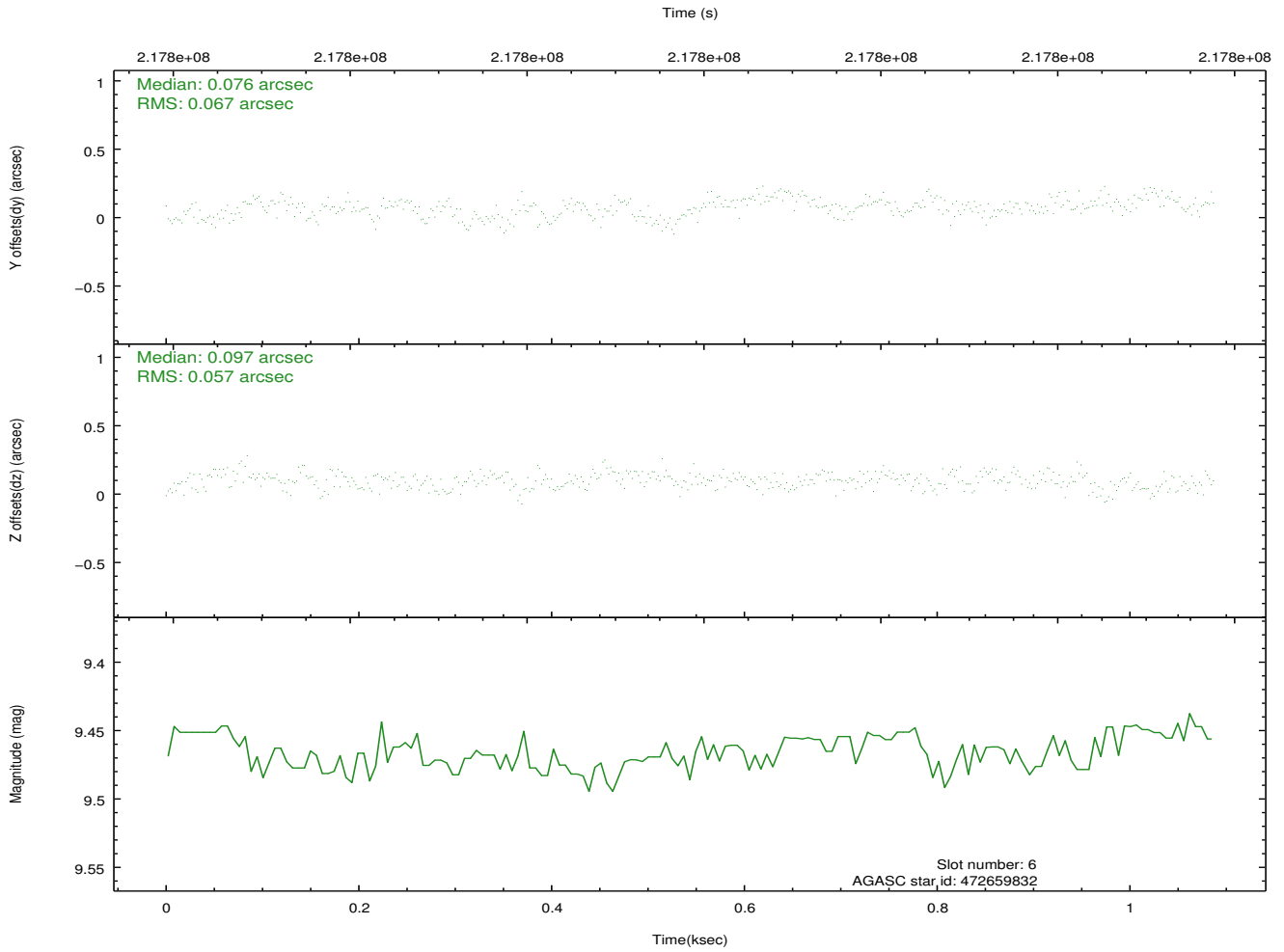
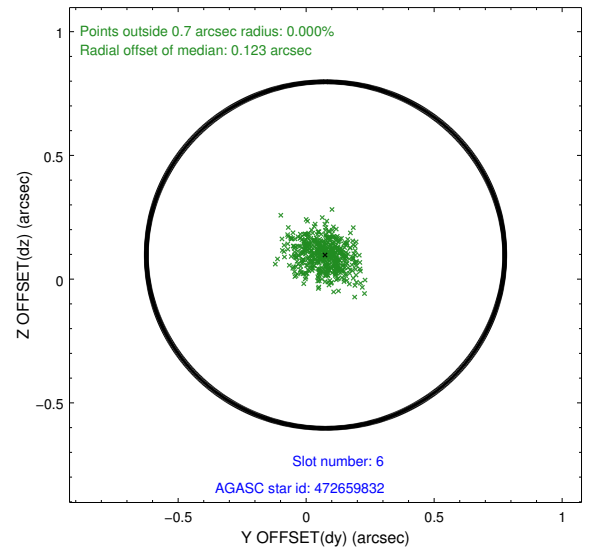
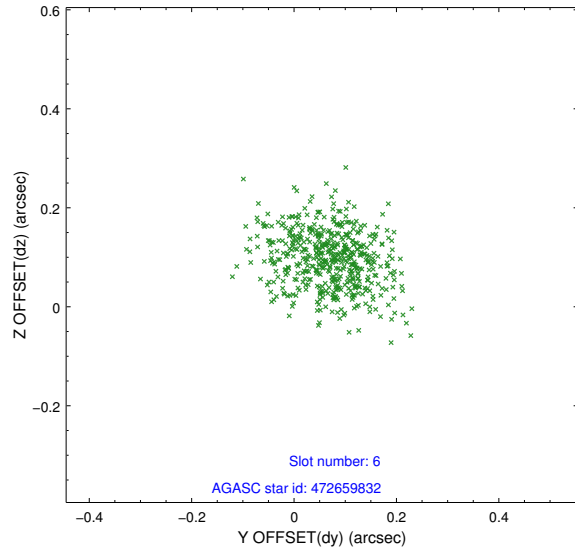
2.4.2 Slot 4



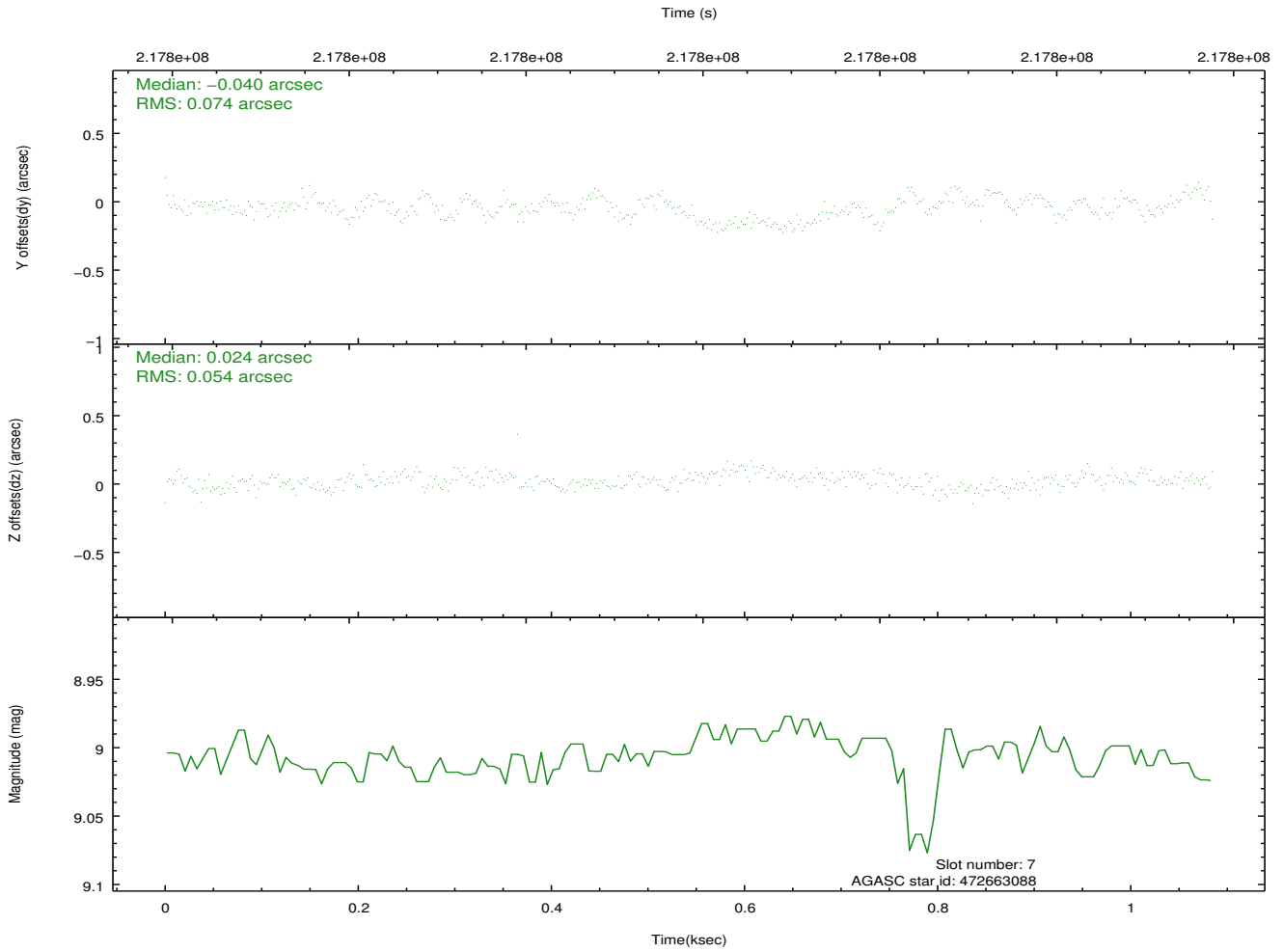
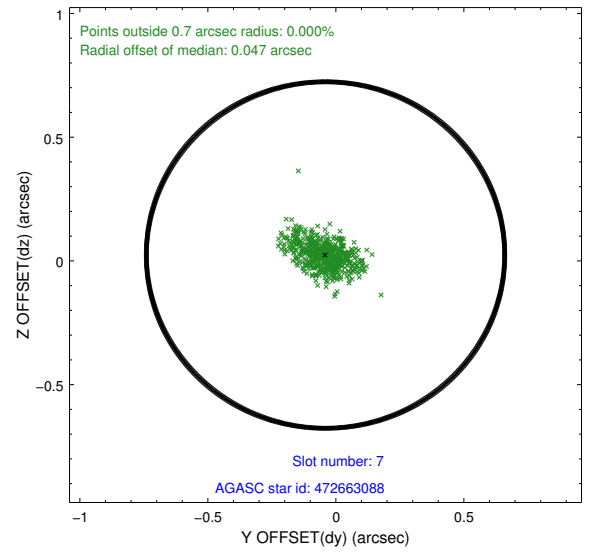
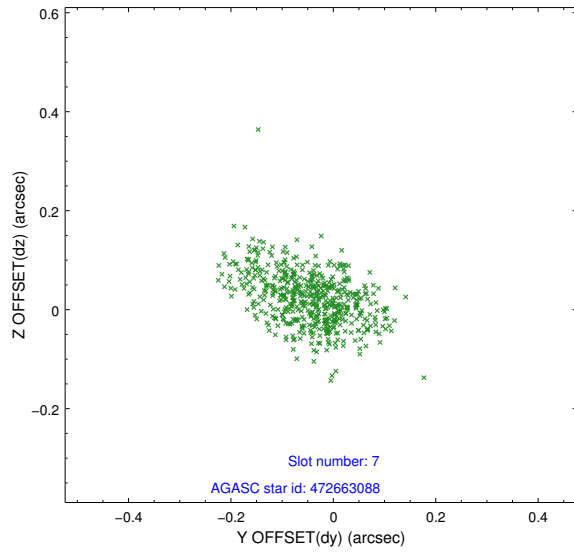
2.4.3 Slot 5



2.4.4 Slot 6

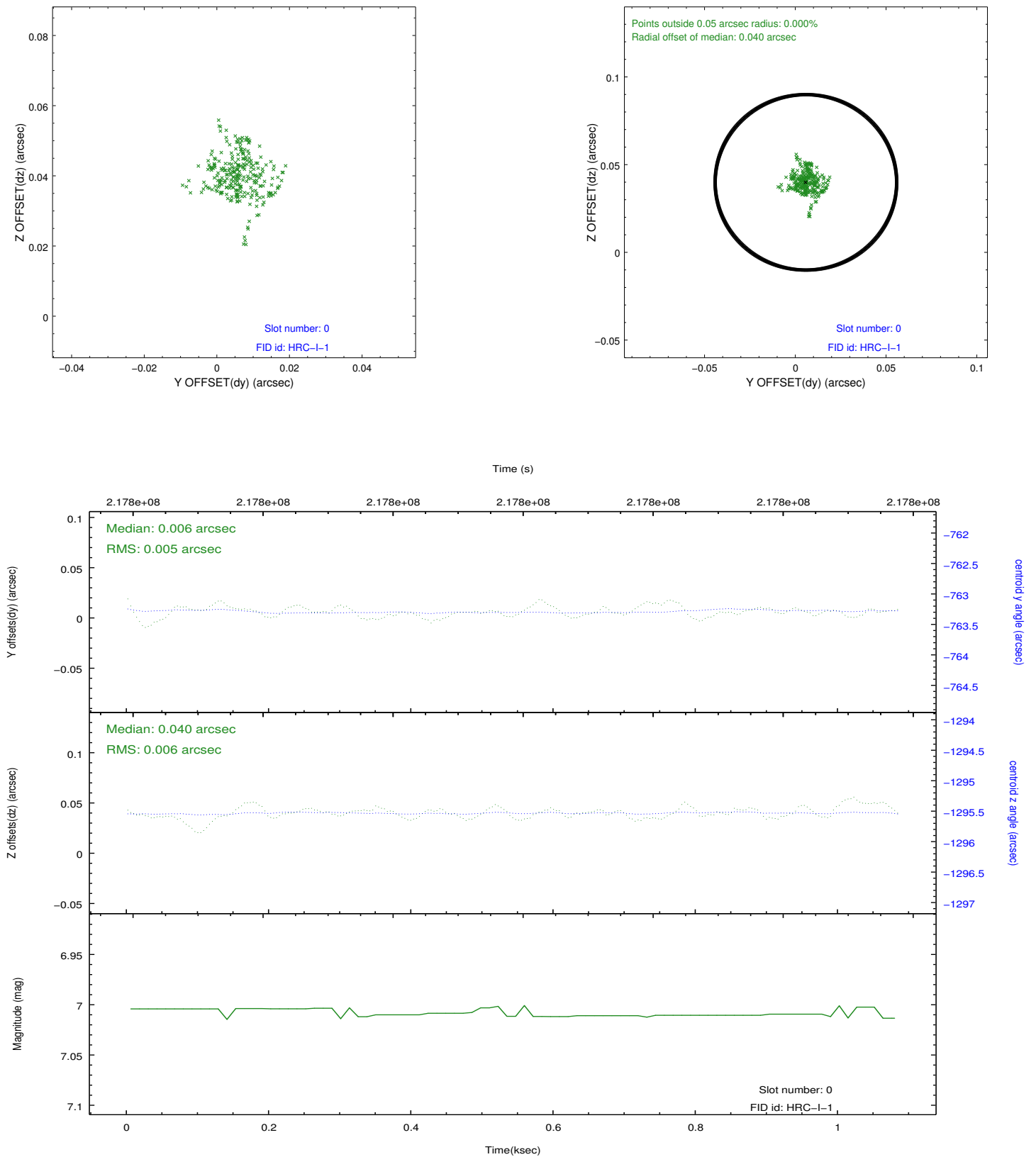


2.4.5 Slot 7

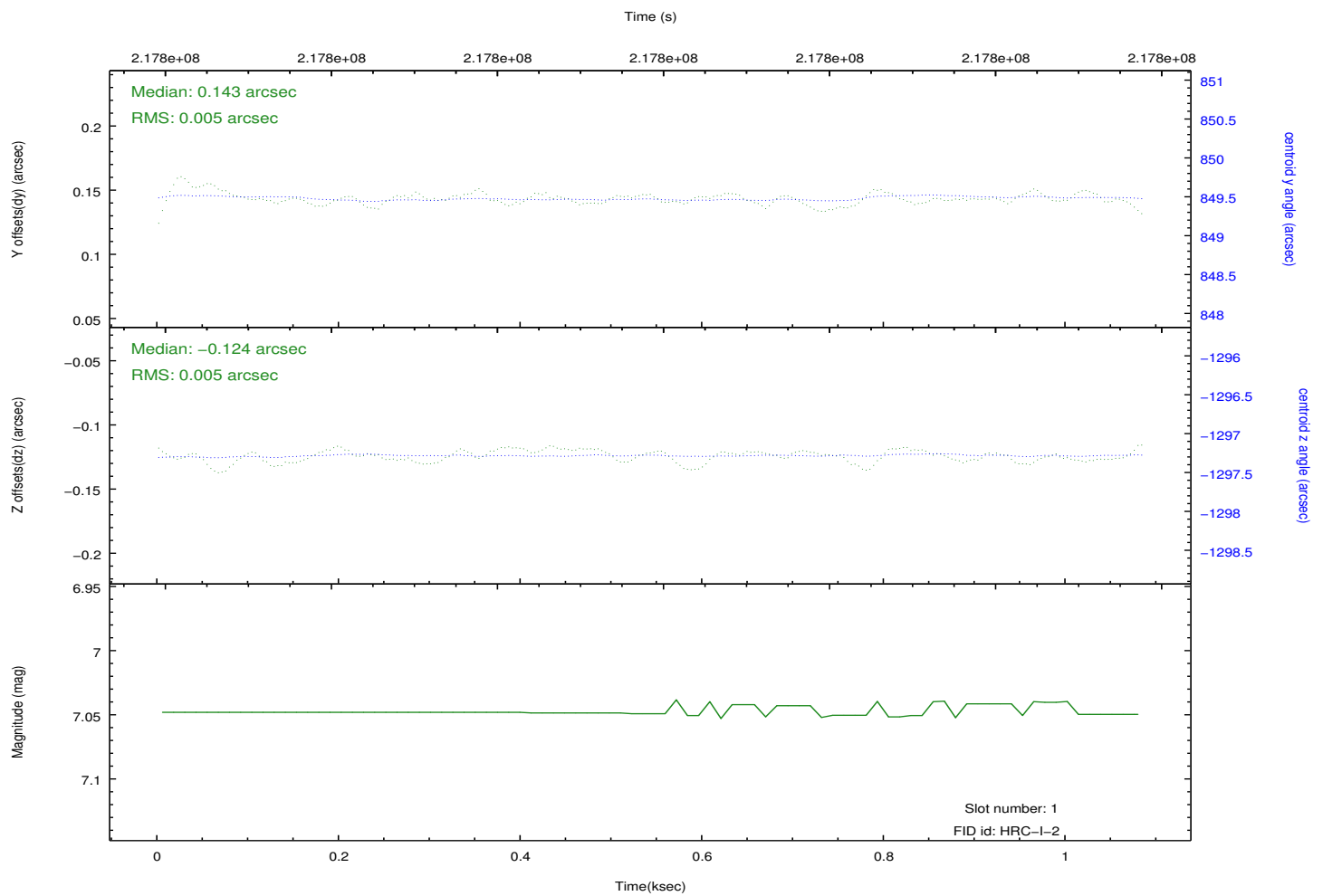
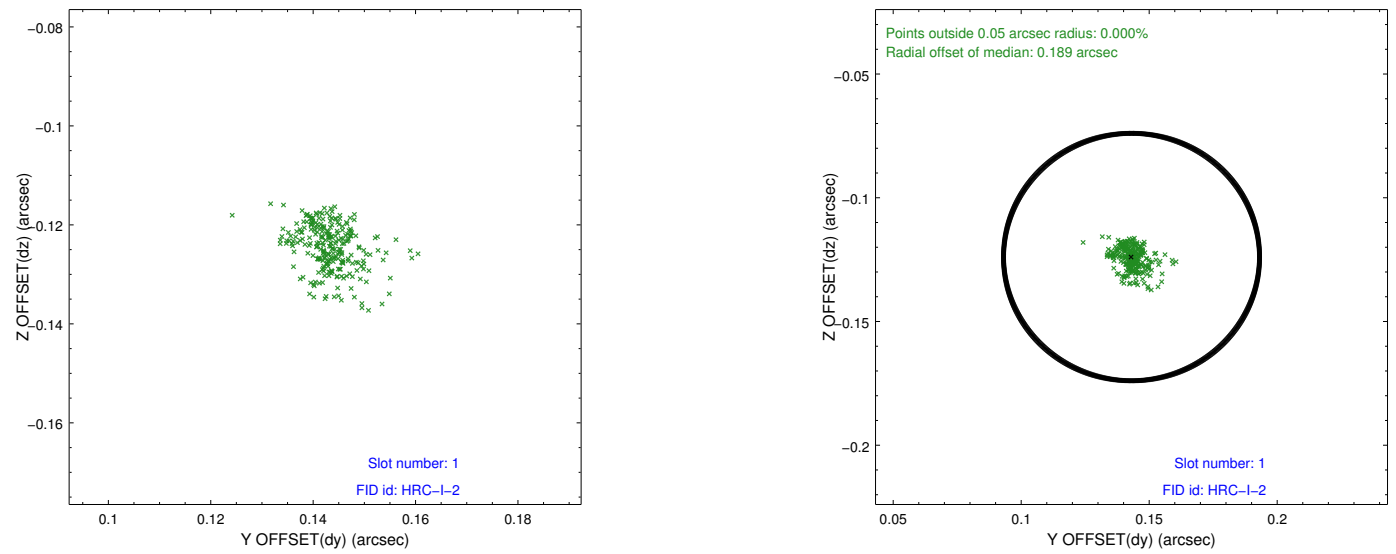


2.5 FID Slots

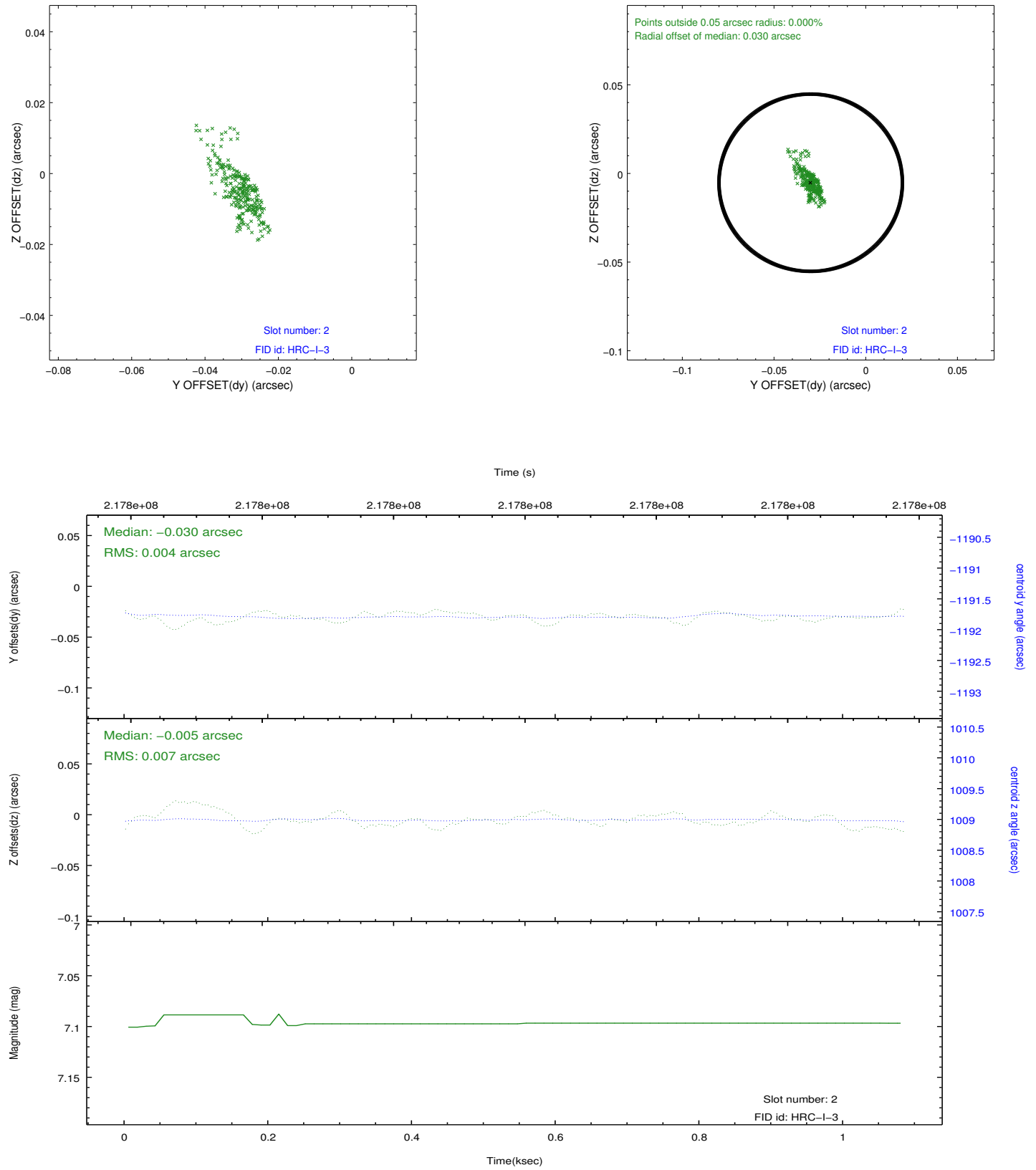
2.5.1 Slot 0



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	1.08573129

A.2 Comments