

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 5079 - L2 Version 4
Chandra X-Ray Center

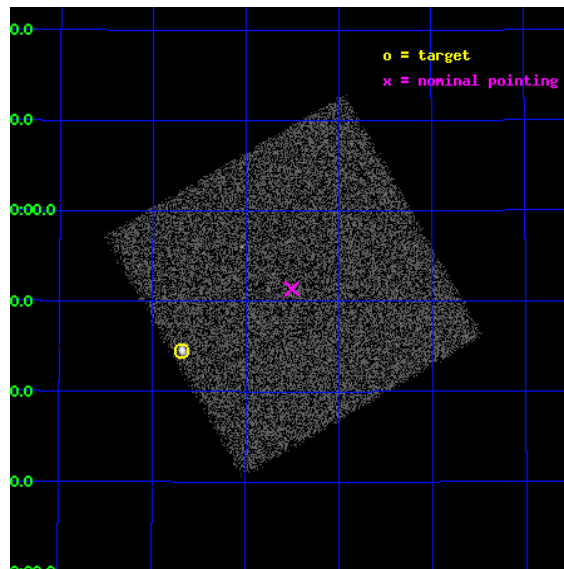
L2 Processing Date : Dec 11 2012

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1 Front

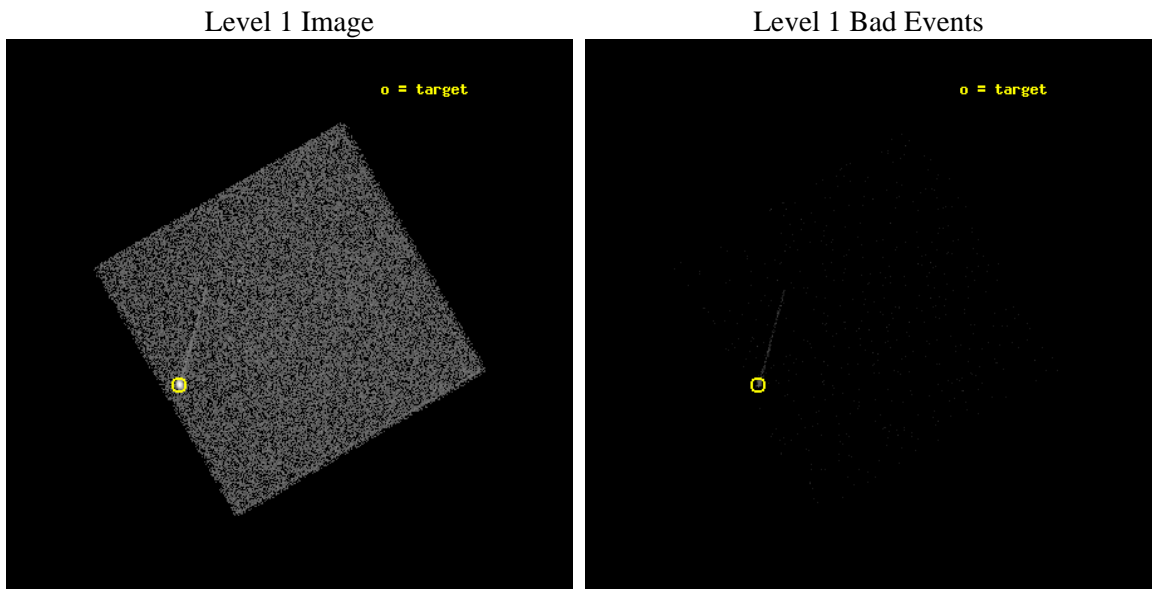
seq_num	290352	Sequence number
obs_id	5079	Observation id
title	AO5 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	331.87621063912	Nominal RA [deg]
dec_nom	45.856539022513	Nominal Dec [deg]
roll_nom	284.82502215314	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1085.7312988043	[s]
livetime	1078.0421674468	Ontime multiplied by DTCOR
l2events	42315	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	80081	Number of level 1 events
date	2012-12-11T23:52:21	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

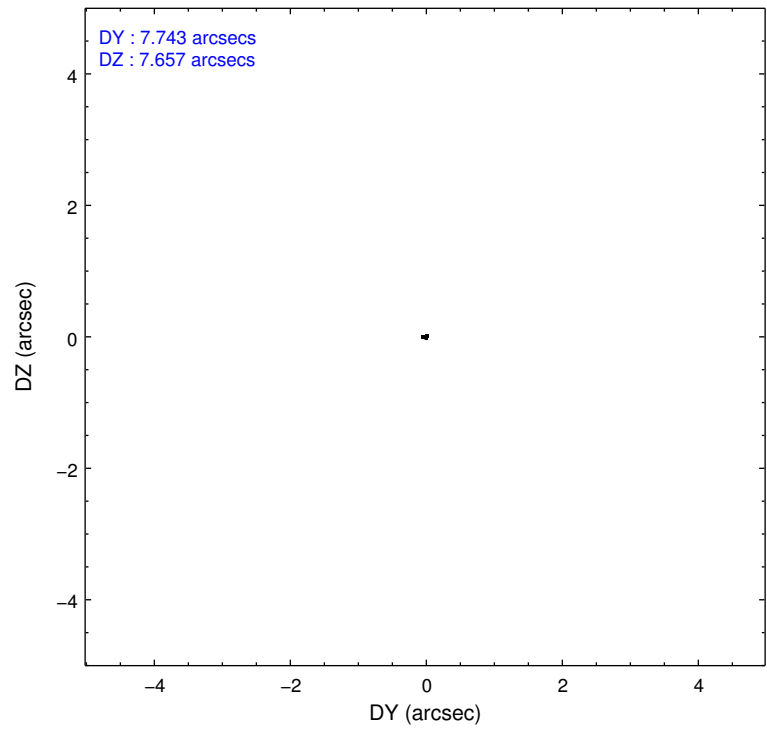
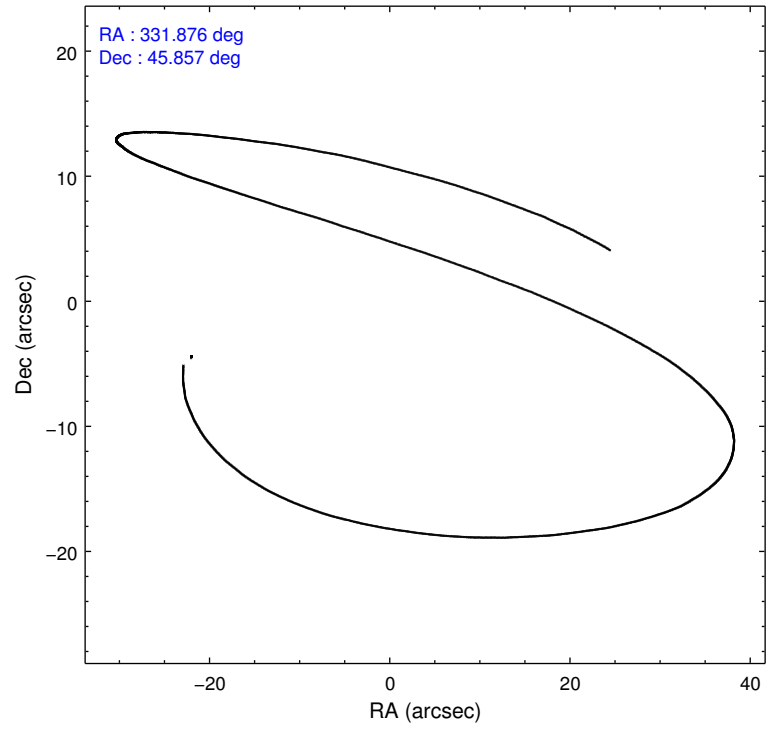
	segment 0
level 1 events	80081
rejected events	18582
rejected %	23%

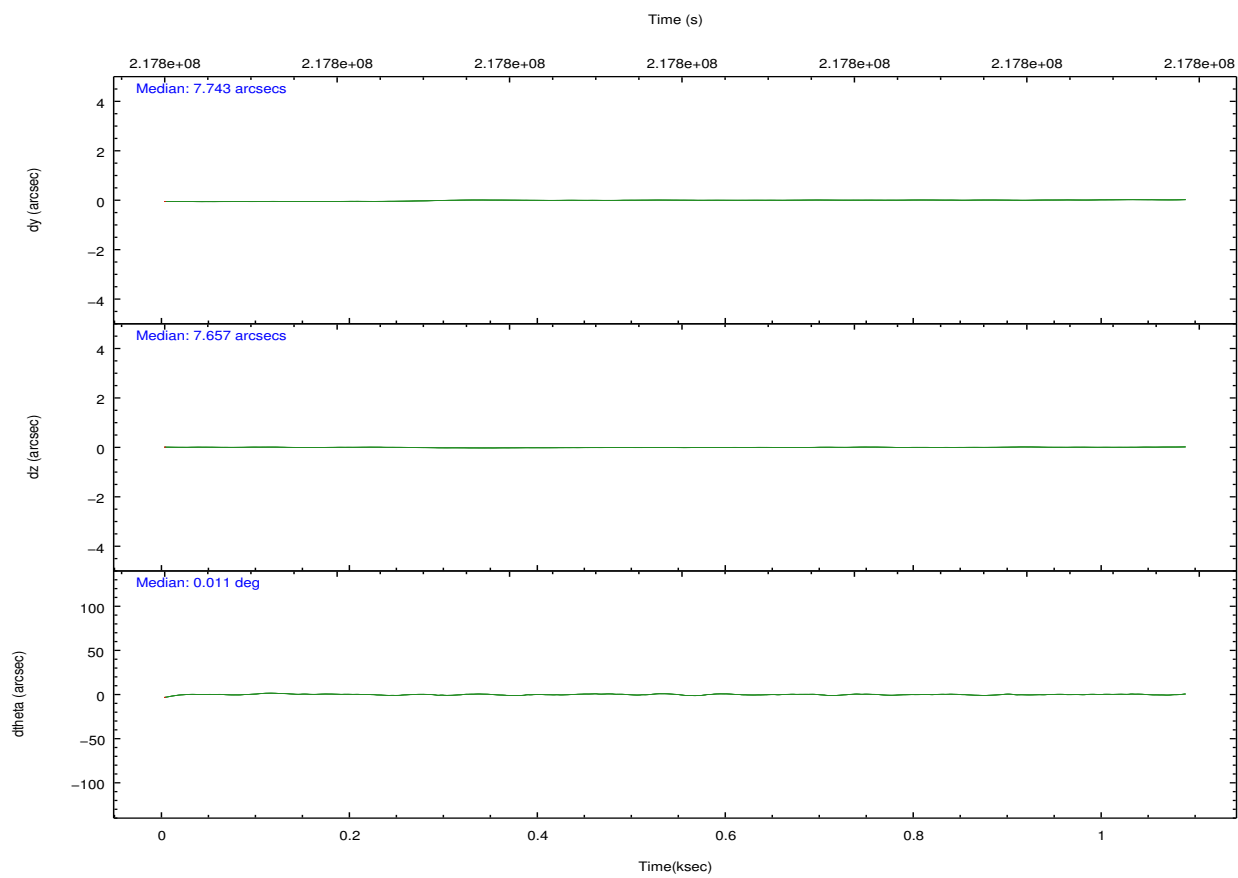
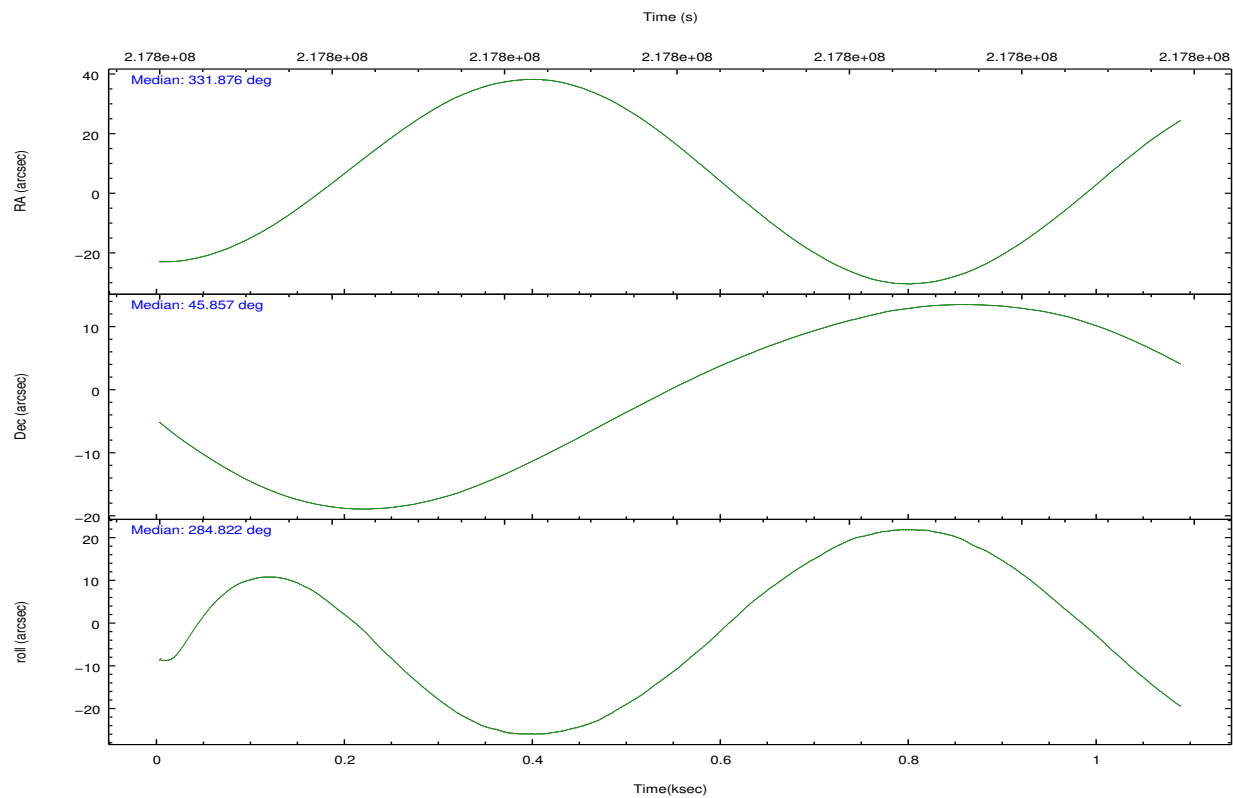
2.2 Compared Parameters

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	331.848848	331.8762106391235
[deg] Pointing Dec	45.875457	45.85653902251252
[deg] Pointing Roll	284.940455	284.8250221531394
[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)	217801437.184000	217801061.20891
Observation start date	2004-11-25T20:22:53	2004-11-25T20:17:41
[s] Observation end time (MET)	217802337.184000	217802471.60897
Observation end date	2004-11-25T20:37:53	2004-11-25T20:41:11

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

2.3 Aspect



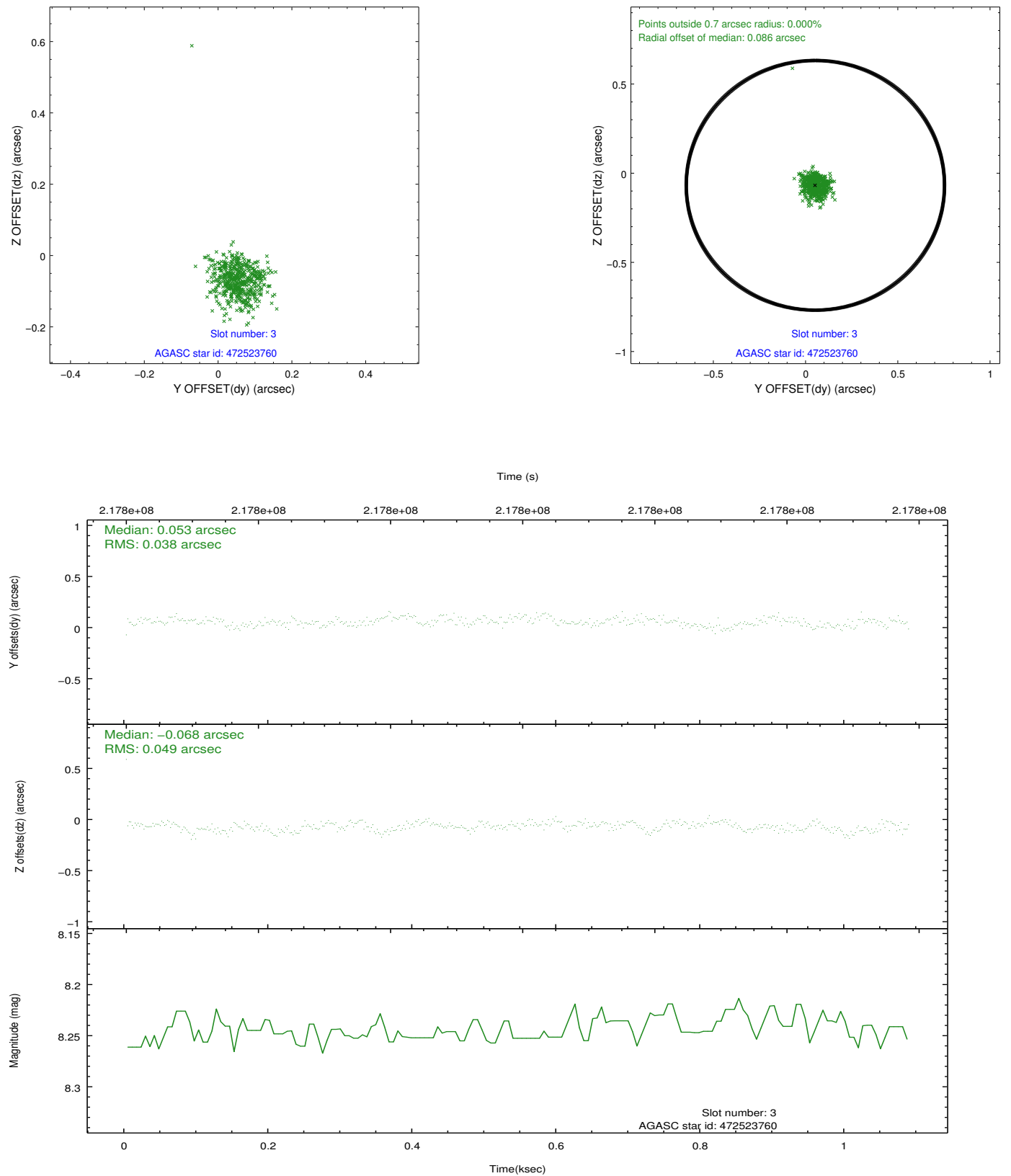


Slot Statistics

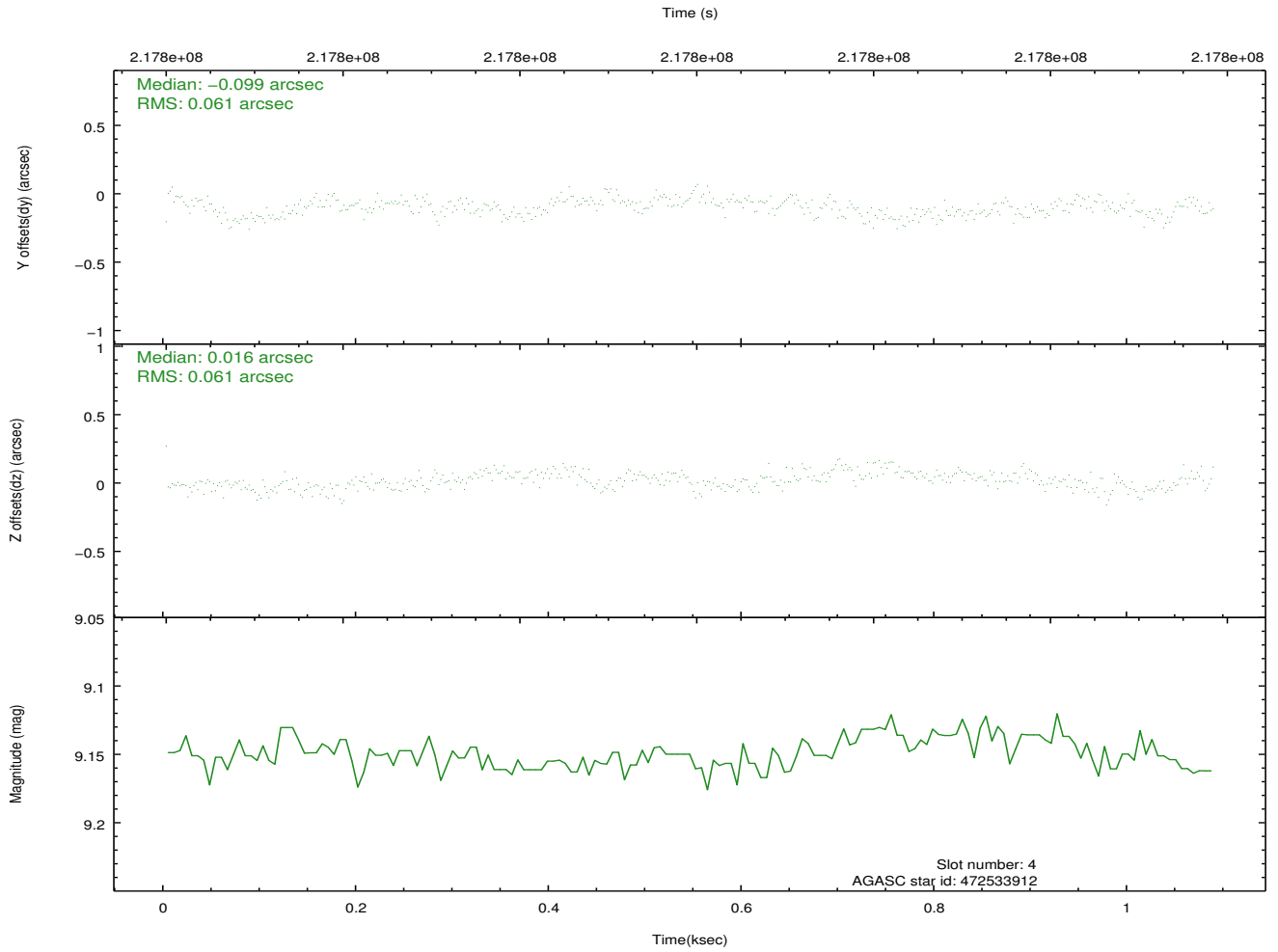
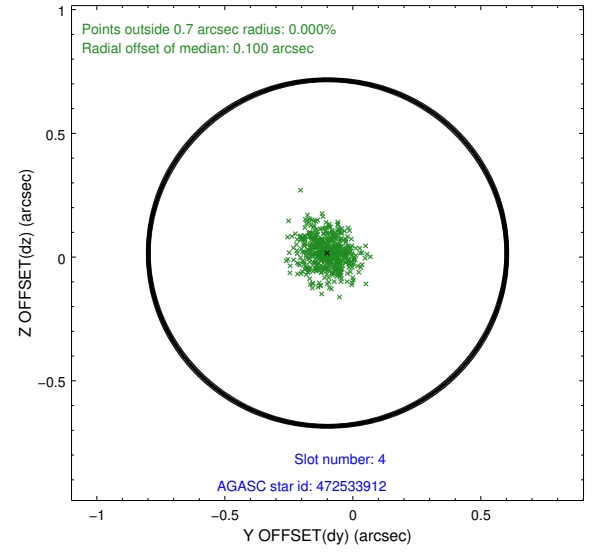
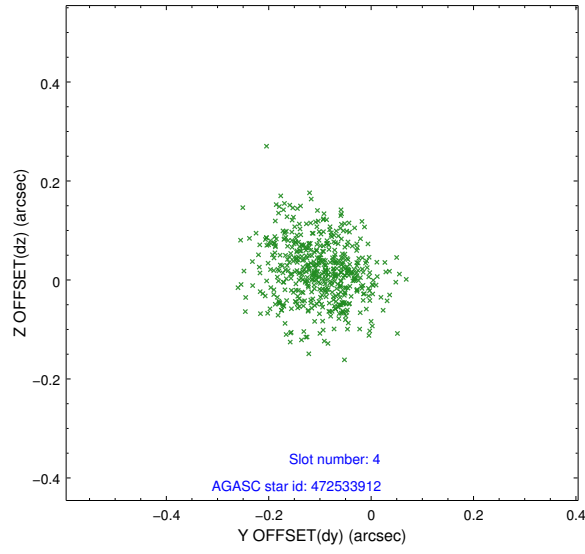
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.01	266	0.043	0.000	0.007	0.010	0.000000	0.000000	-763.35	-1295.54
1	FID	HRC-I-3	7.10	265	-0.069	-0.049	0.007	0.011	0.000000	0.000000	-1194.73	1004.11
2	FID	HRC-I-4	7.04	266	0.141	-0.040	0.006	0.010	0.000000	0.000000	1275.14	1010.27
3	GUIDE	472523760	8.25	531	0.053	-0.068	0.060	0.095	331.645363	45.403260	1509.69	-933.06
4	GUIDE	472533912	9.15	531	-0.099	0.016	0.093	0.148	331.791136	46.368695	-1749.57	319.48
5	GUIDE	472535400	8.79	531	-0.162	-0.034	0.074	0.133	331.047001	46.353888	-2190.49	-1475.88
6	GUIDE	472655152	9.42	528	0.023	0.102	0.123	0.189	332.504239	45.862991	456.71	1576.99
7	GUIDE	472527720	7.03	530	0.176	-0.034	0.083	0.135	331.460205	45.112509	2398.43	-1656.45

2.4 Star Slots

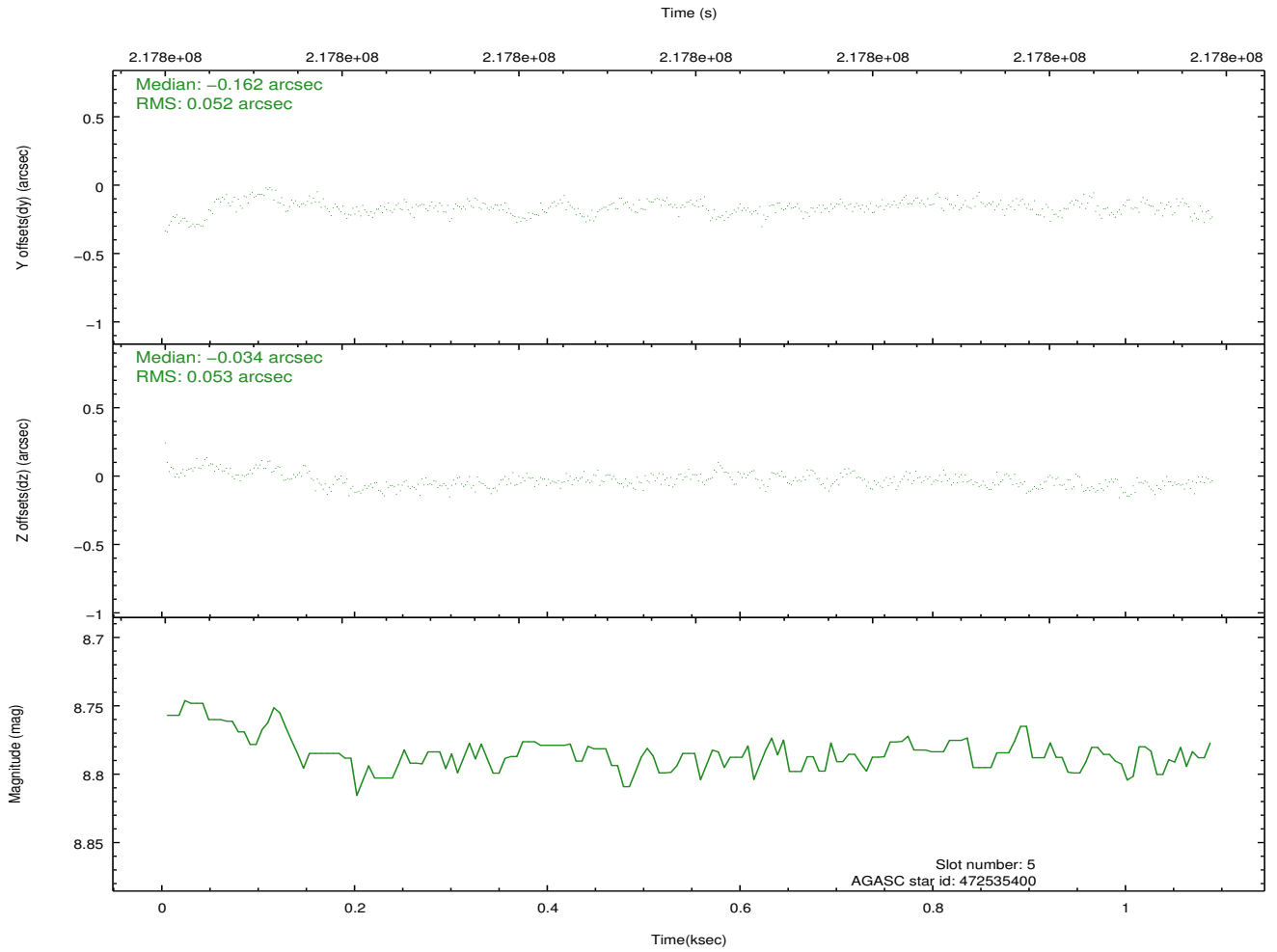
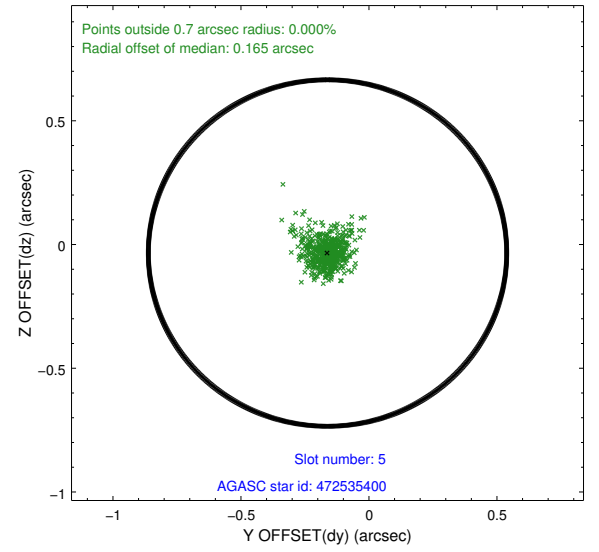
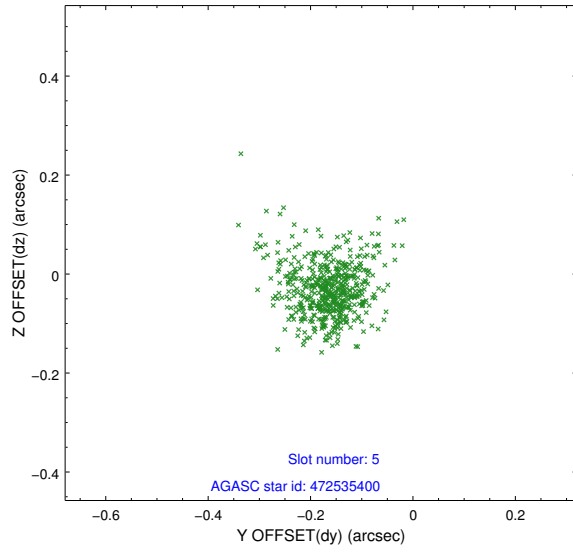
2.4.1 Slot 3



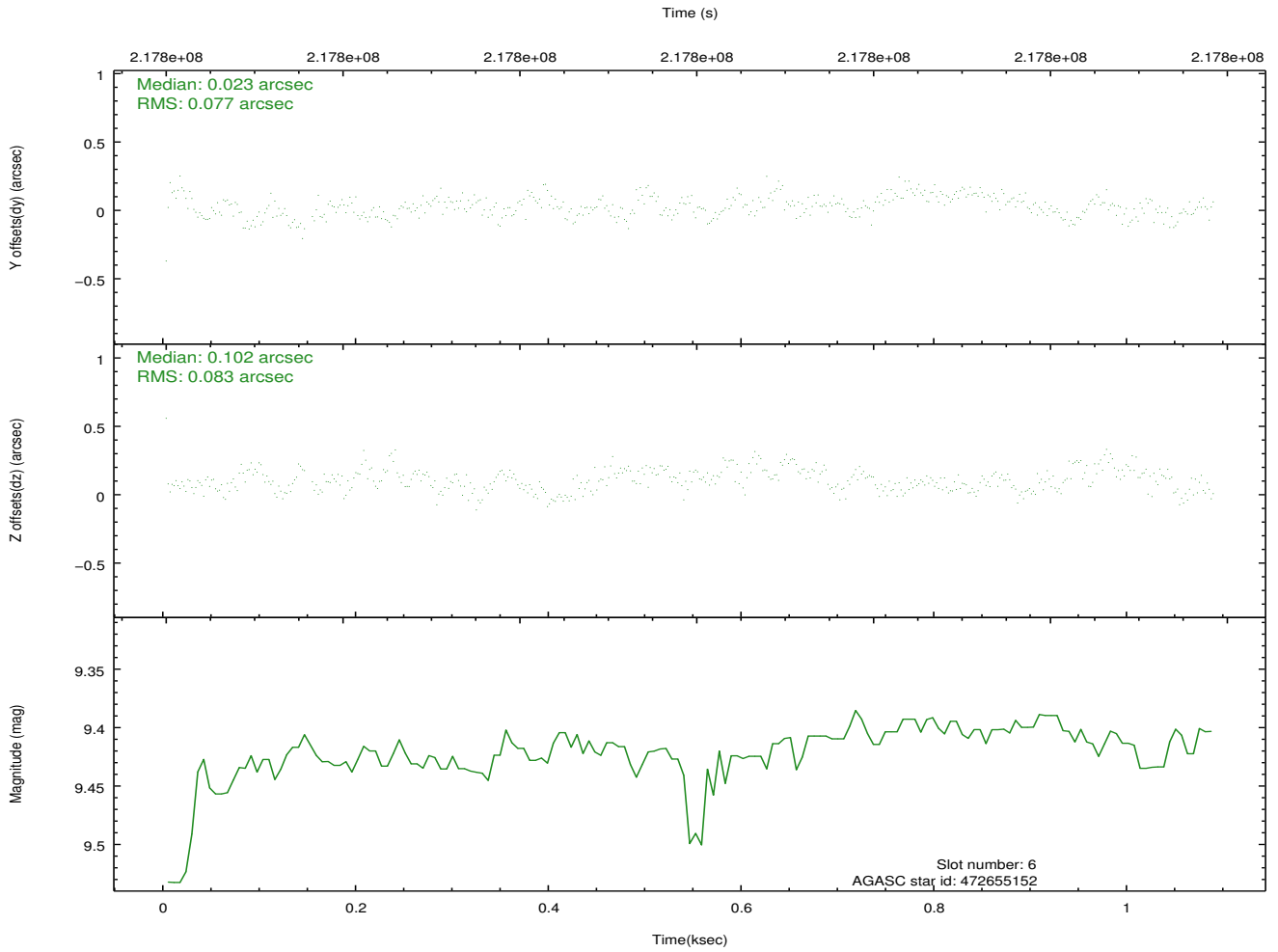
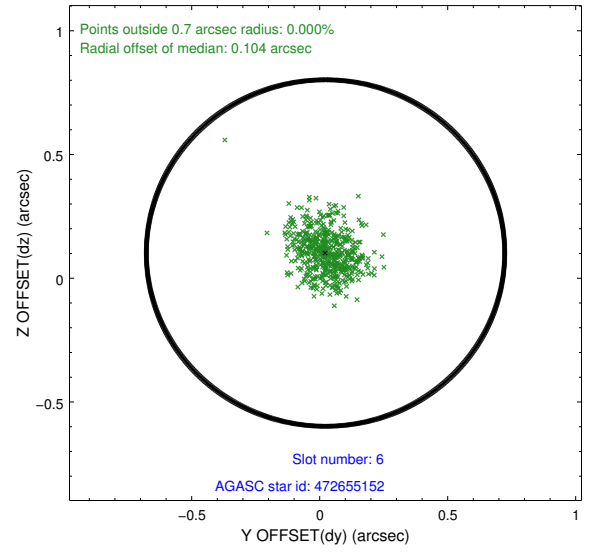
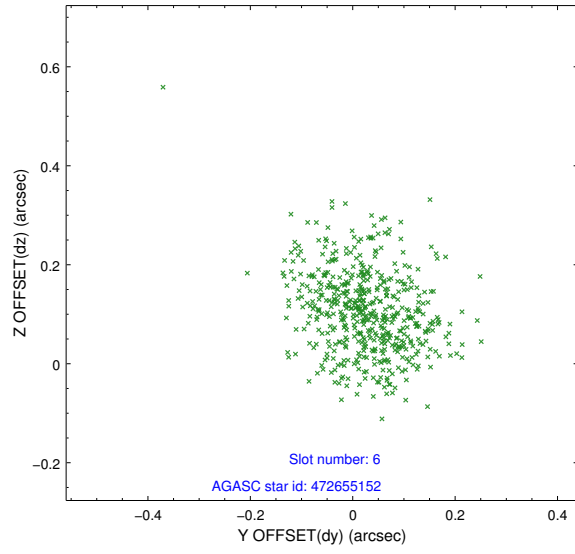
2.4.2 Slot 4



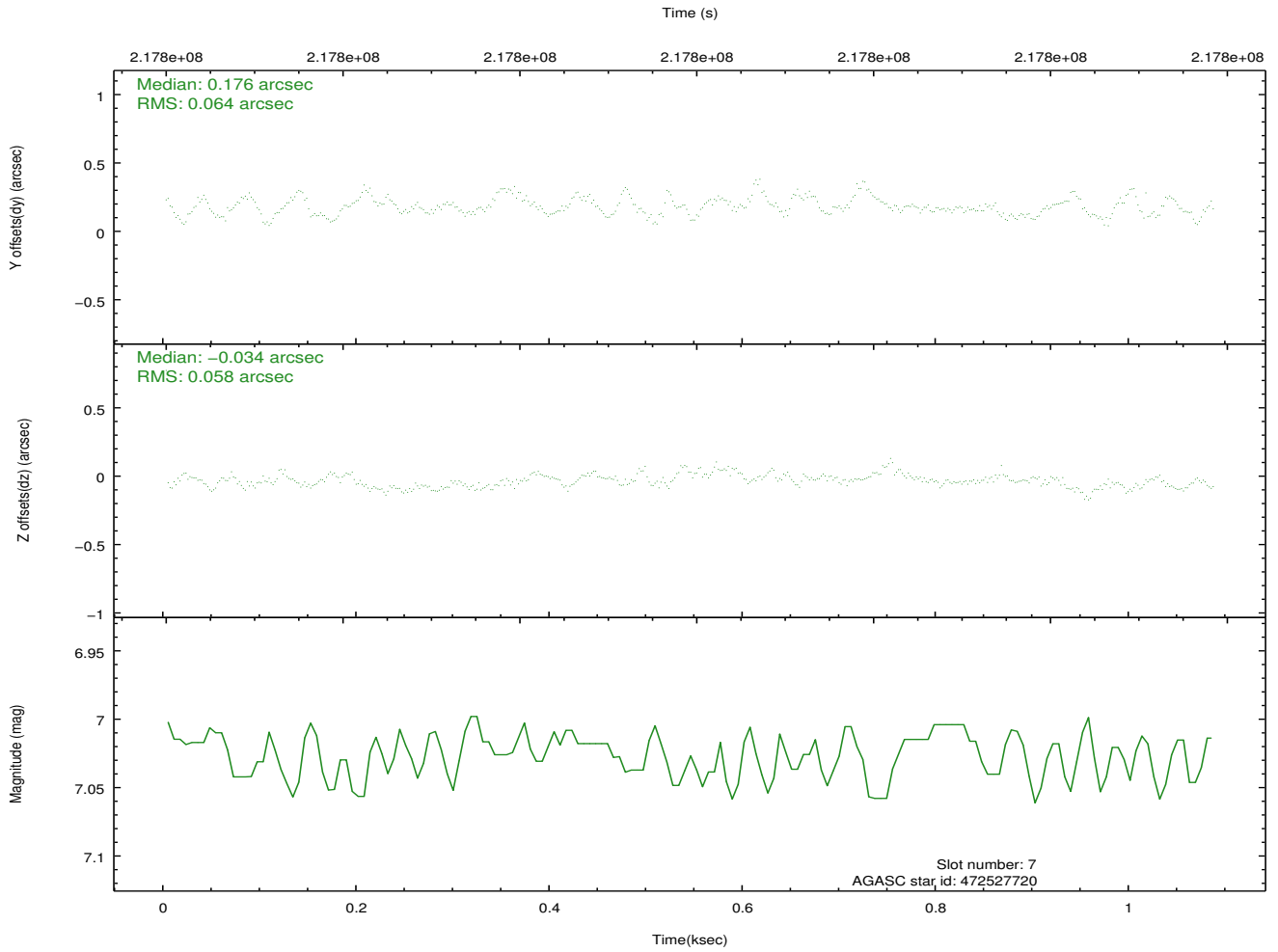
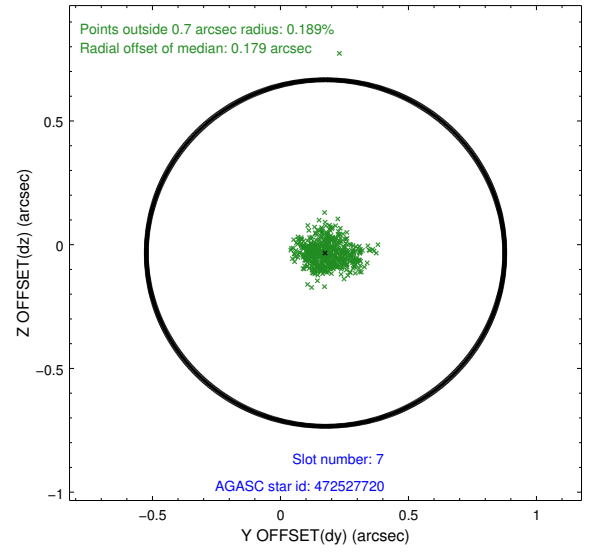
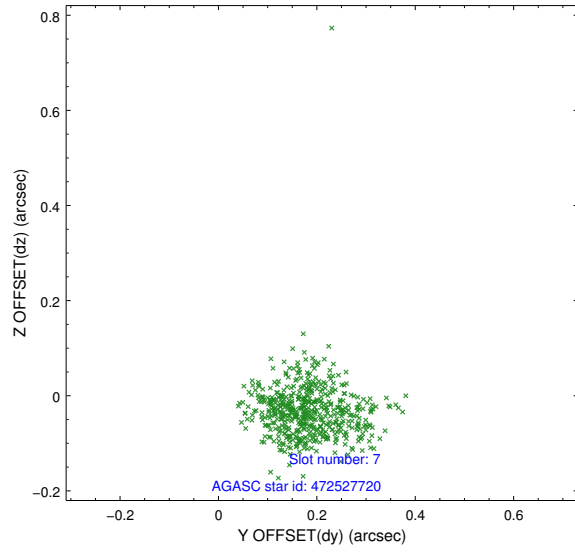
2.4.3 Slot 5



2.4.4 Slot 6

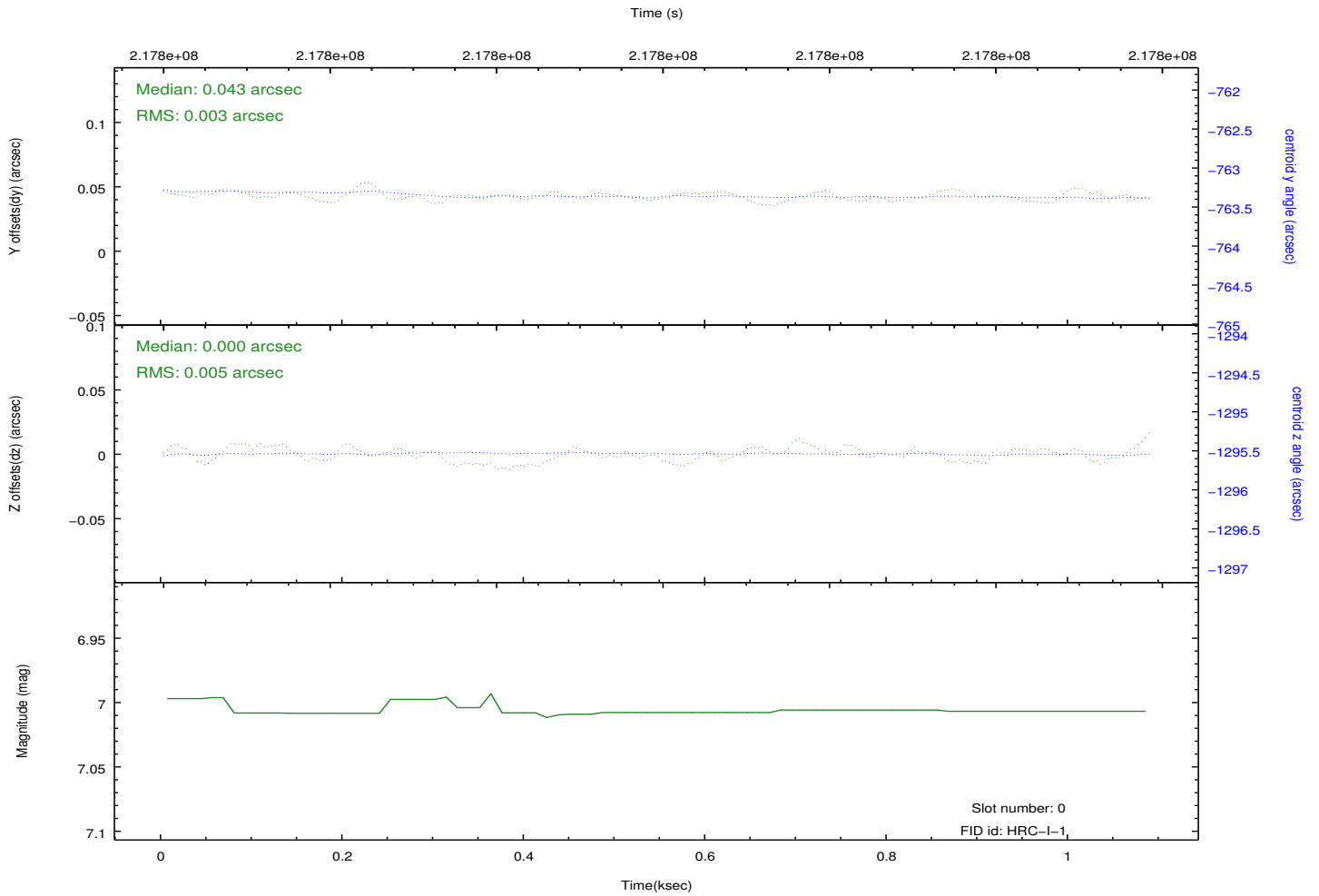
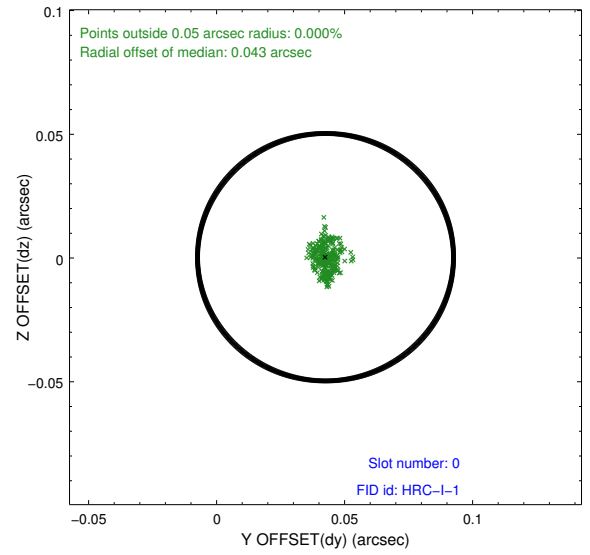
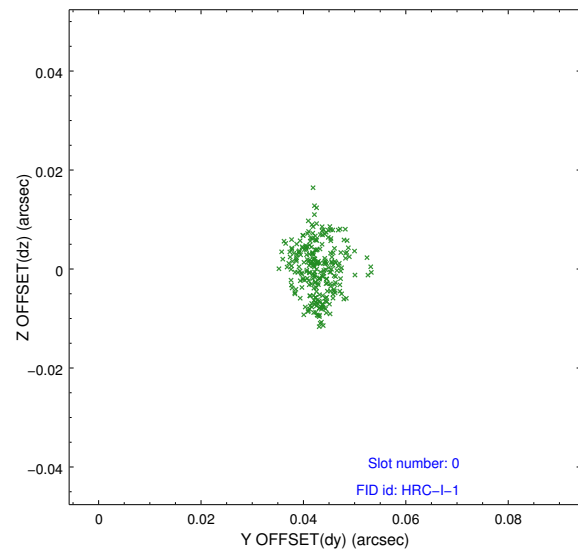


2.4.5 Slot 7

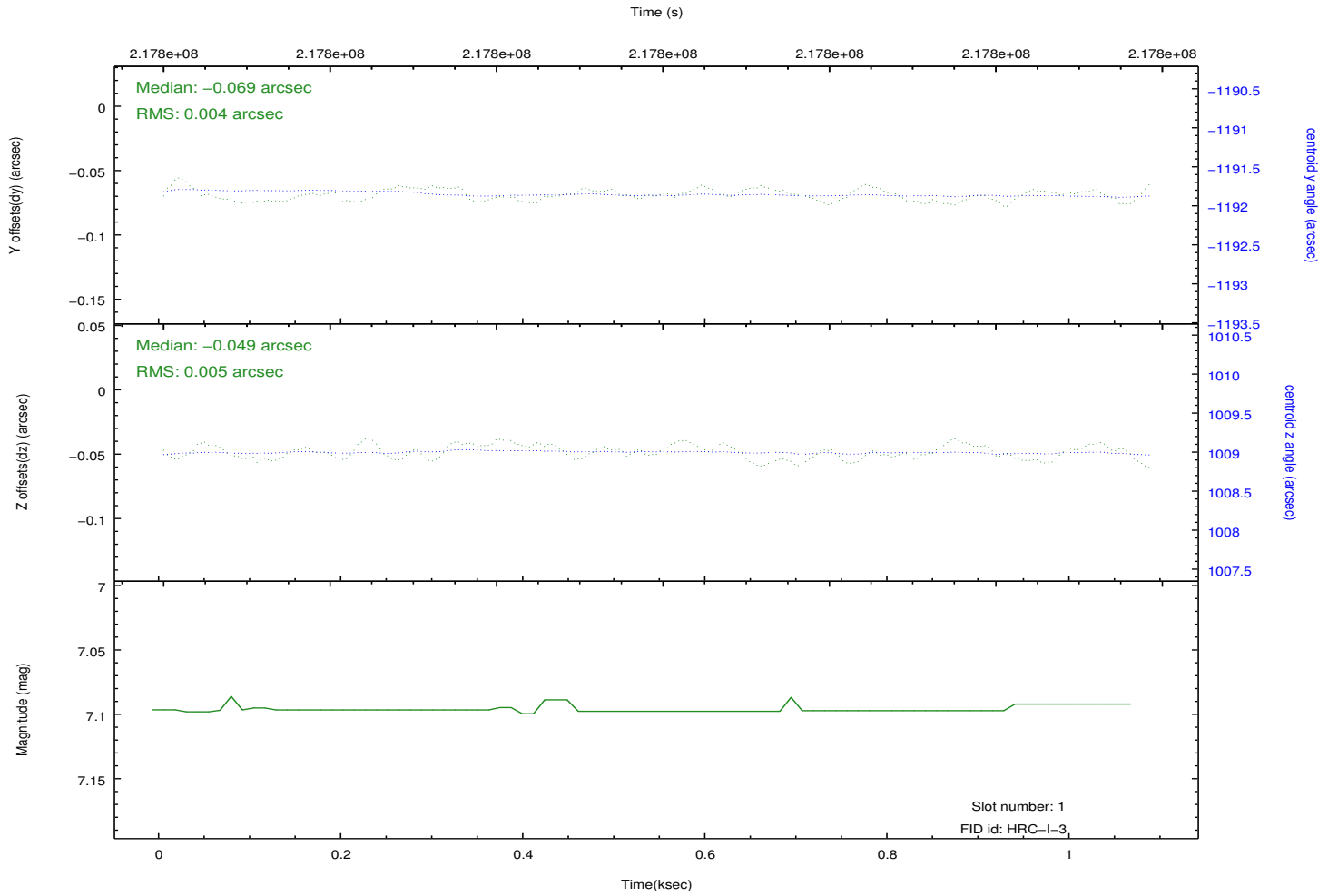
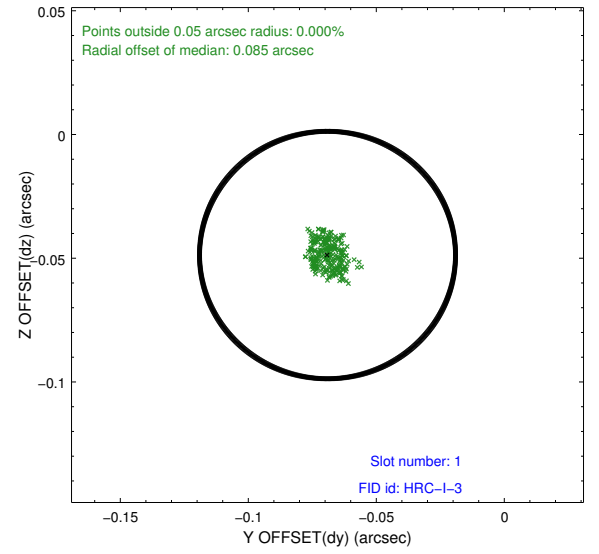
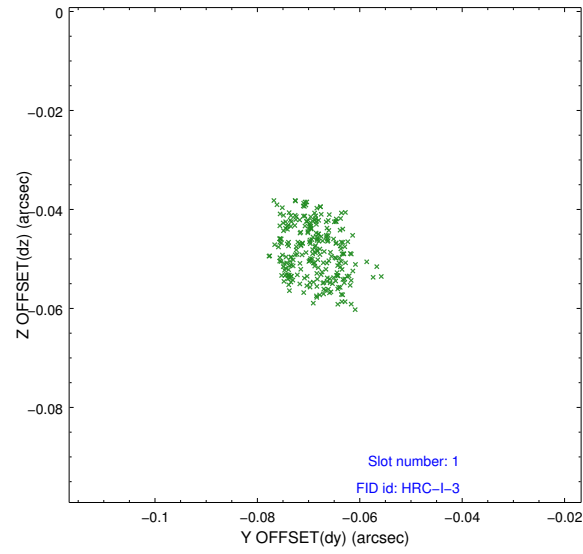


2.5 FID Slots

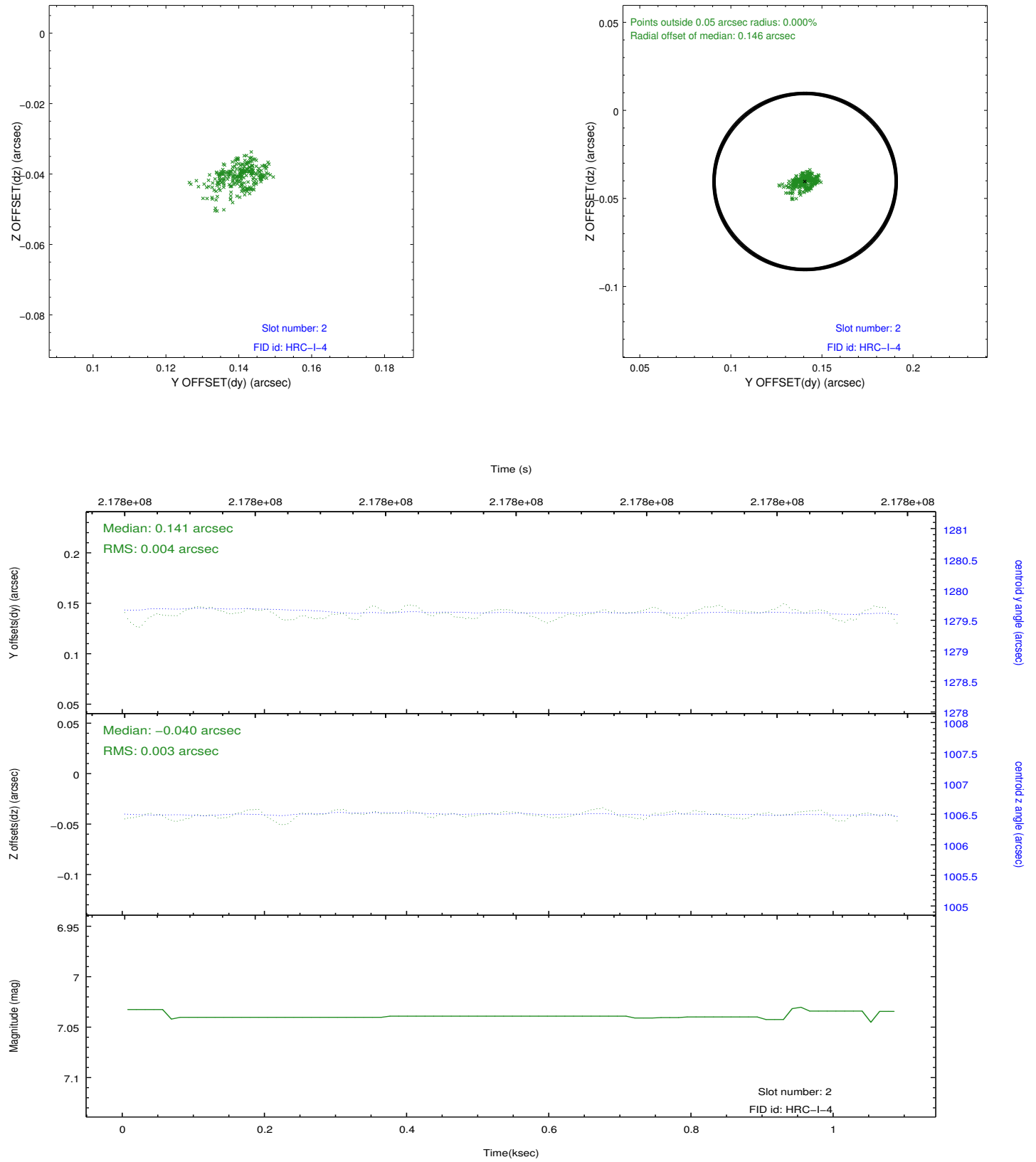
2.5.1 Slot 0



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	1.085731

A.2 Comments