

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 5985 - L2 Version 4
Chandra X-Ray Center

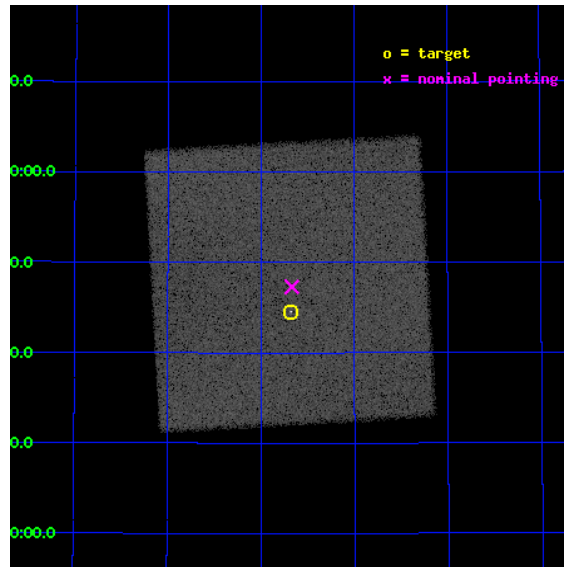
L2 Processing Date : Dec 29 2012

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1 Front

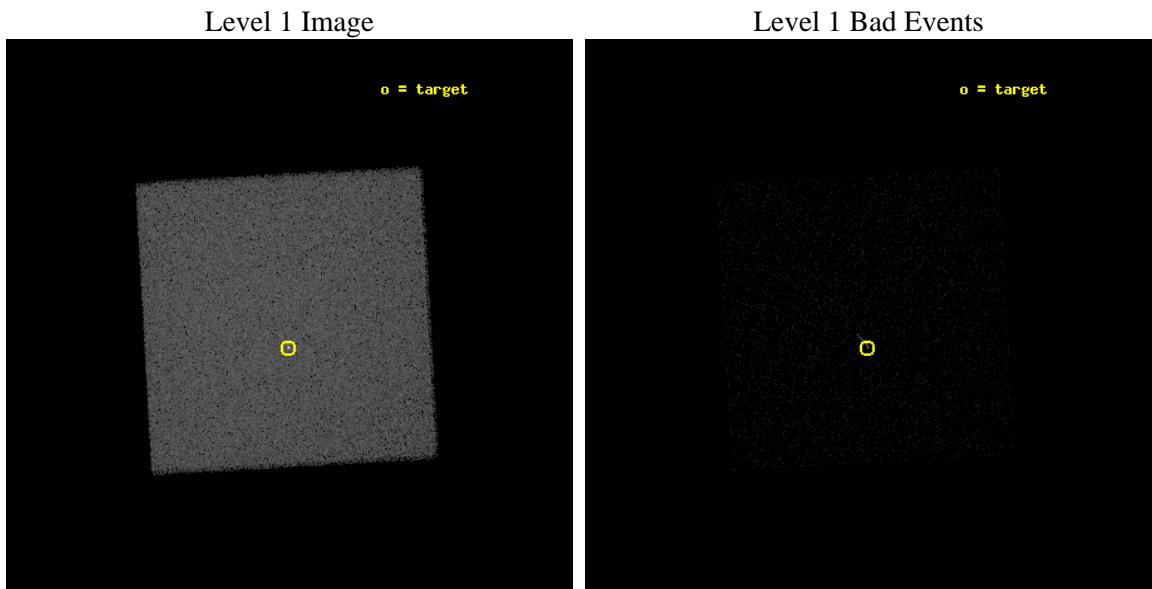
seq_num	290477	Sequence number
obs_id	5985	Observation id
title	AO6 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.16722220966	Nominal RA [deg]
dec_nom	45.788629601982	Nominal Dec [deg]
roll_nom	221.78090443057	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1180.0313042998	[s]
livetime	506.93694543984	Ontime multiplied by DTCOR
l2events	170025	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	8.5.1.1	Processing system revision	ontime	1180.0313042998	[s]
caldbver	4.5.5	 	l1events	278586	Number of level 1 events
date	2012-12-29T12:59:05	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

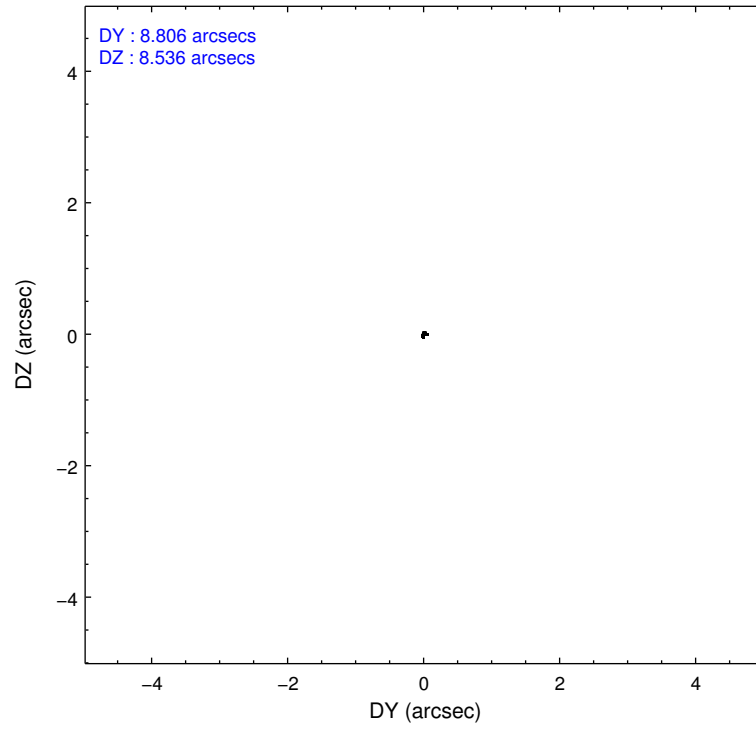
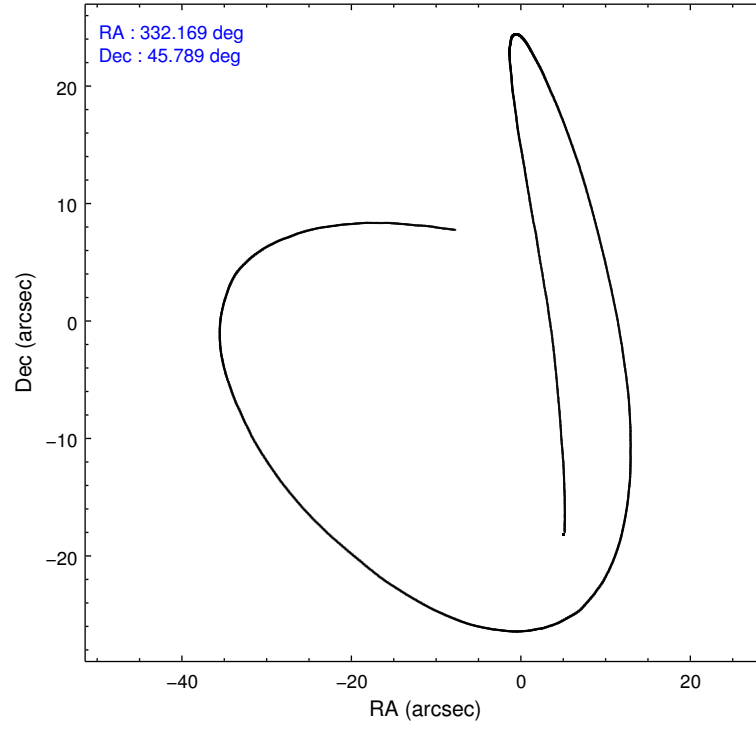
	segment 0
level 1 events	278586
rejected events	60812
rejected %	21%

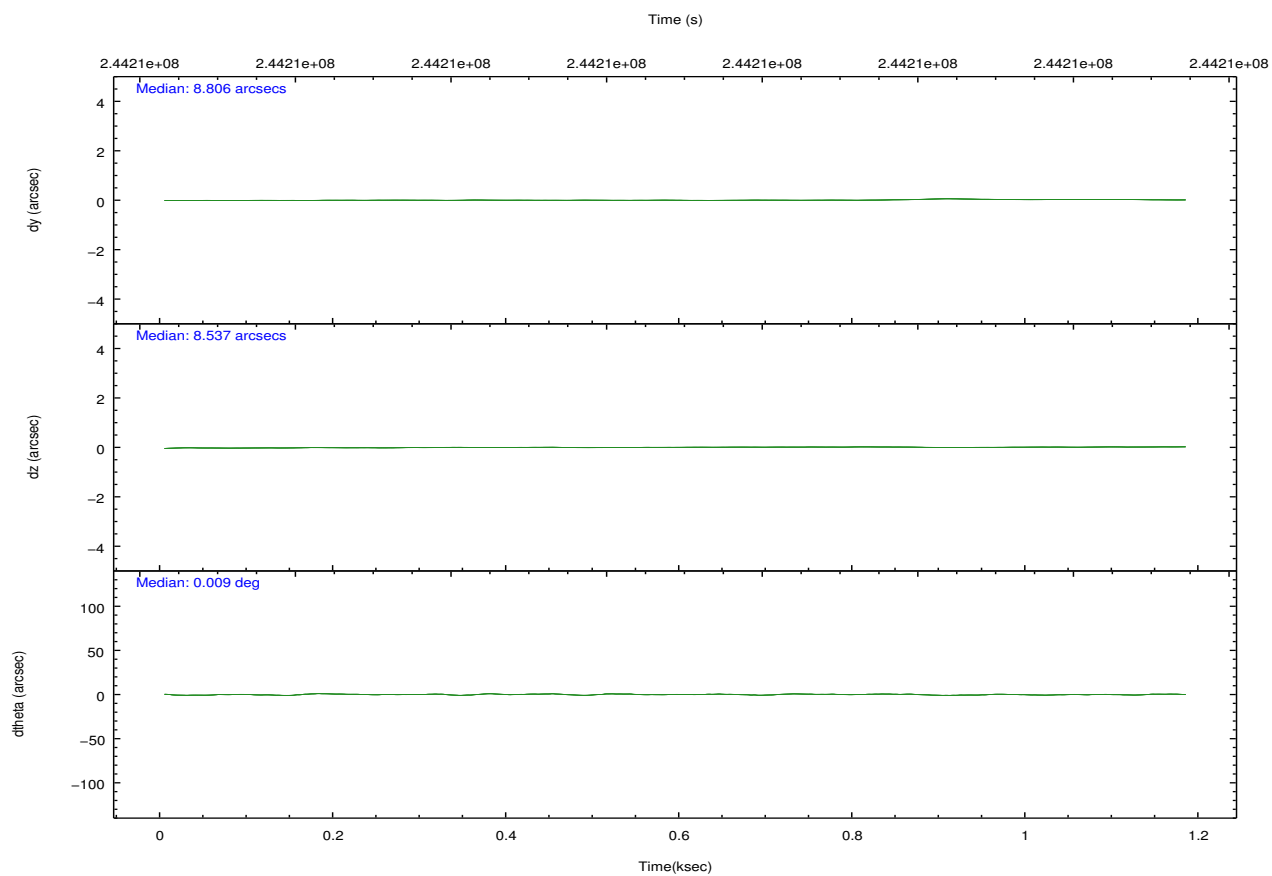
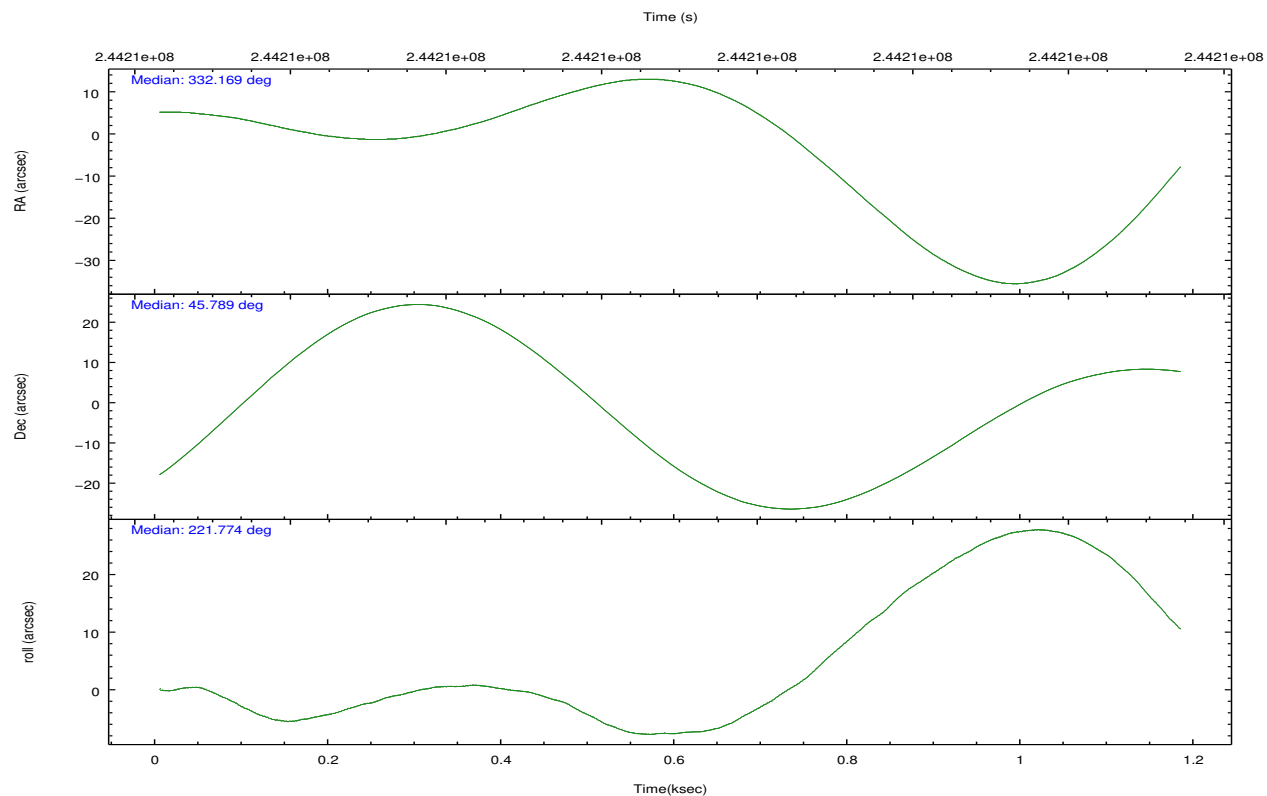
2.2 Compared Parameters

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	332.179338	332.167222209664
[deg] Pointing Dec	45.813944	45.78862960198239
[deg] Pointing Roll	221.867718	221.7809044305664
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9829799899862
[mm] SIM translation stage offset	0	0.002508901615314585
[s] Observation start time (MET)	244208282.184000	244207905.76
Observation start date	2005-09-27T11:36:58	2005-09-27T11:31:45
[s] Observation end time (MET)	244209282.184000	244209416.09757
Observation end date	2005-09-27T11:53:38	2005-09-27T11:56:56

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

2.3 Aspect



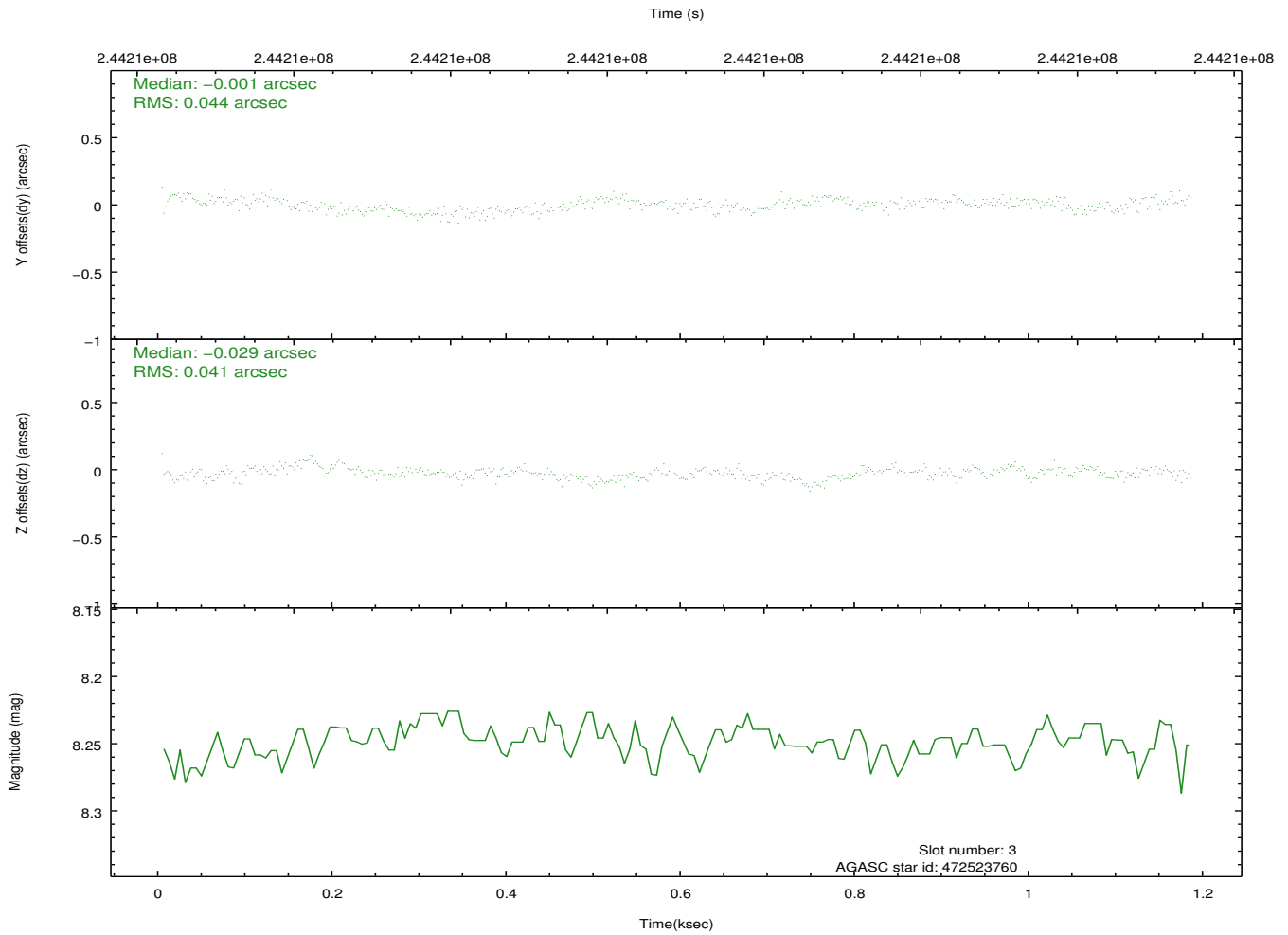
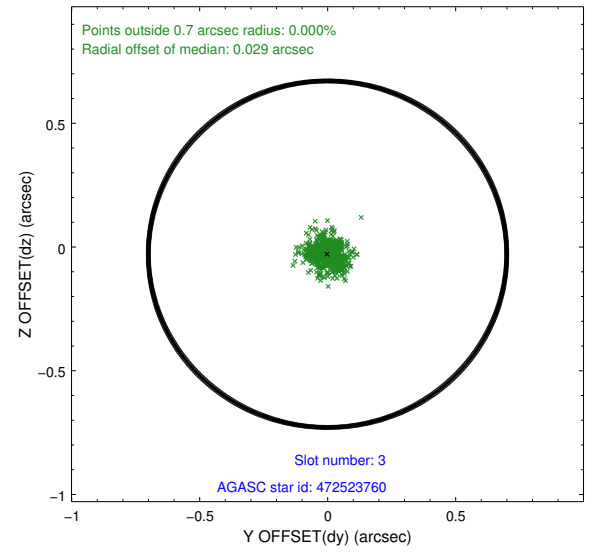
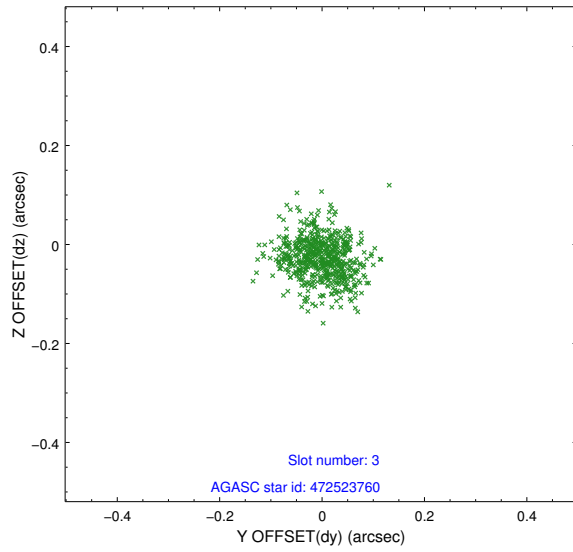


Slot Statistics

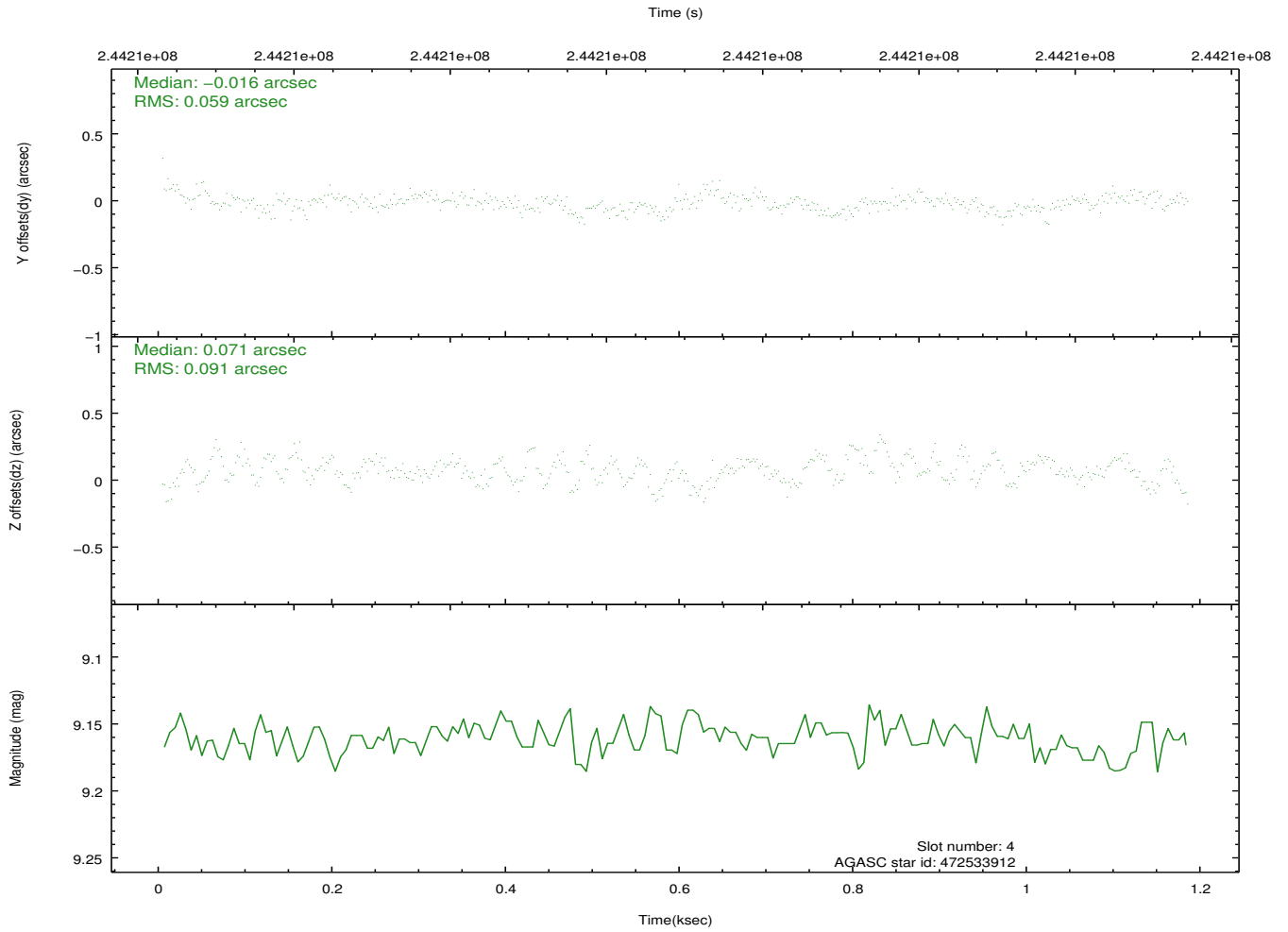
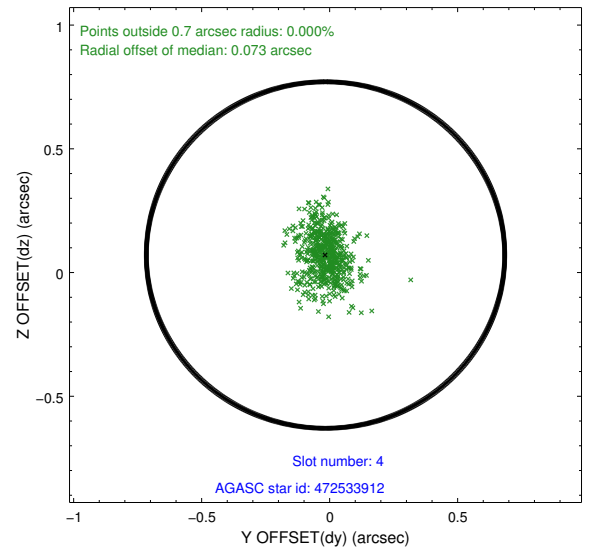
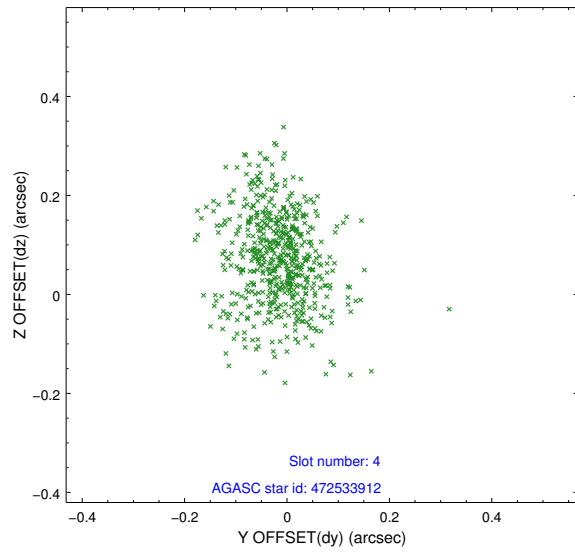
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	288	-0.015	0.061	0.006	0.009	0.000000	0.000000	-764.47	-1296.36
1	FID	HRC-I-2	7.02	288	0.164	-0.129	0.006	0.011	0.000000	0.000000	845.68	-1302.63
2	FID	HRC-I-3	7.07	288	-0.030	-0.022	0.005	0.010	0.000000	0.000000	-1190.02	1003.60
3	GUIDE	472523760	8.25	577	-0.001	-0.029	0.063	0.104	331.645363	45.403260	1989.11	200.14
4	GUIDE	472533912	9.16	577	-0.016	0.071	0.113	0.187	331.791136	46.368695	-612.52	-2129.06
5	GUIDE	472651904	6.15	577	-0.102	-0.234	0.070	0.114	332.170077	45.742257	188.65	175.49
6	GUIDE	472654568	9.43	577	0.053	0.186	0.104	0.168	332.194449	45.063576	1774.78	2041.14
7	GUIDE	472655152	9.43	576	0.072	0.020	0.108	0.189	332.504239	45.862991	-722.16	417.60

2.4 Star Slots

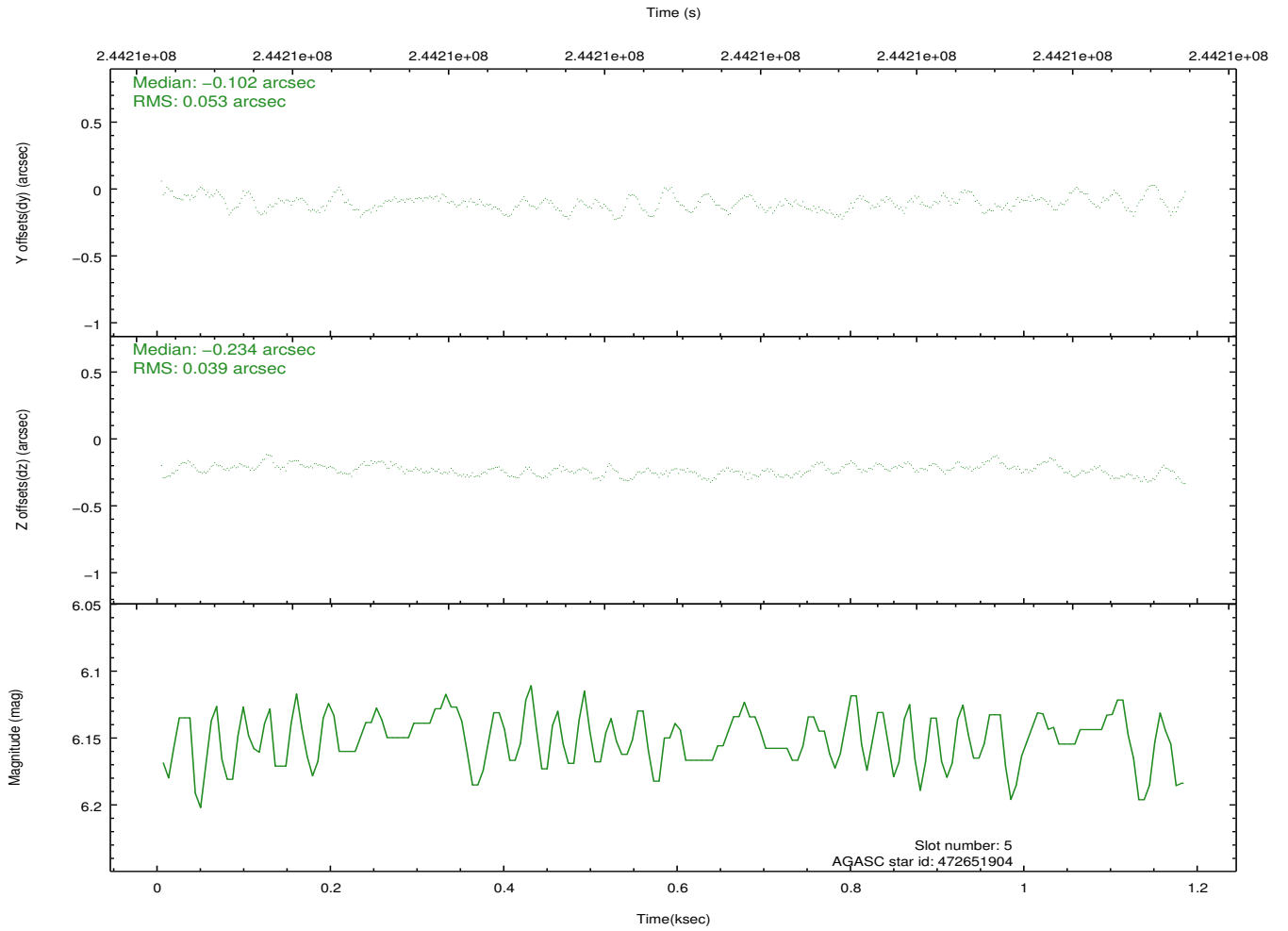
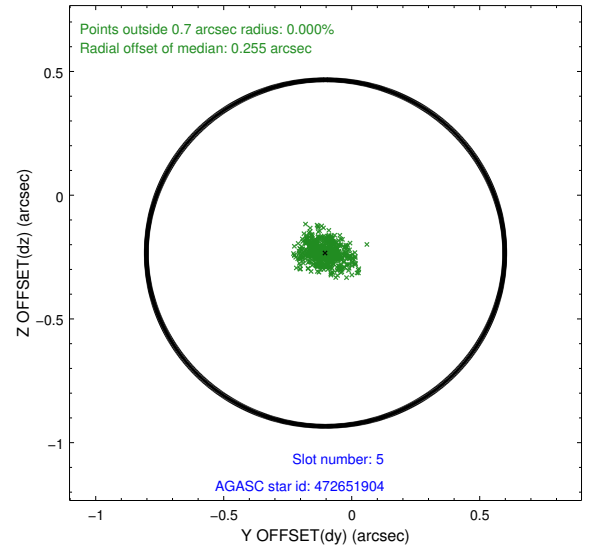
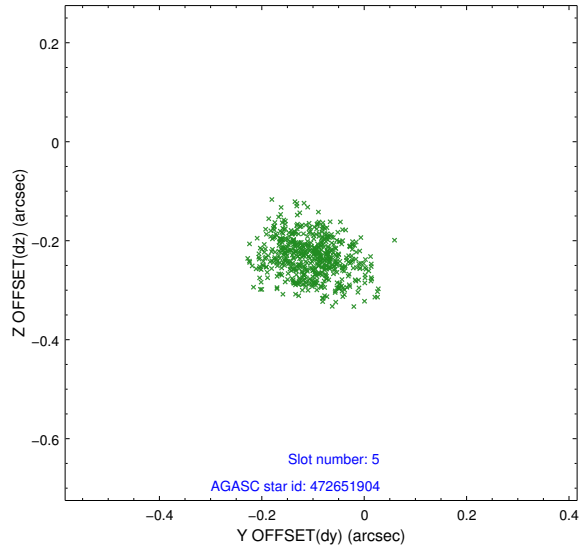
2.4.1 Slot 3



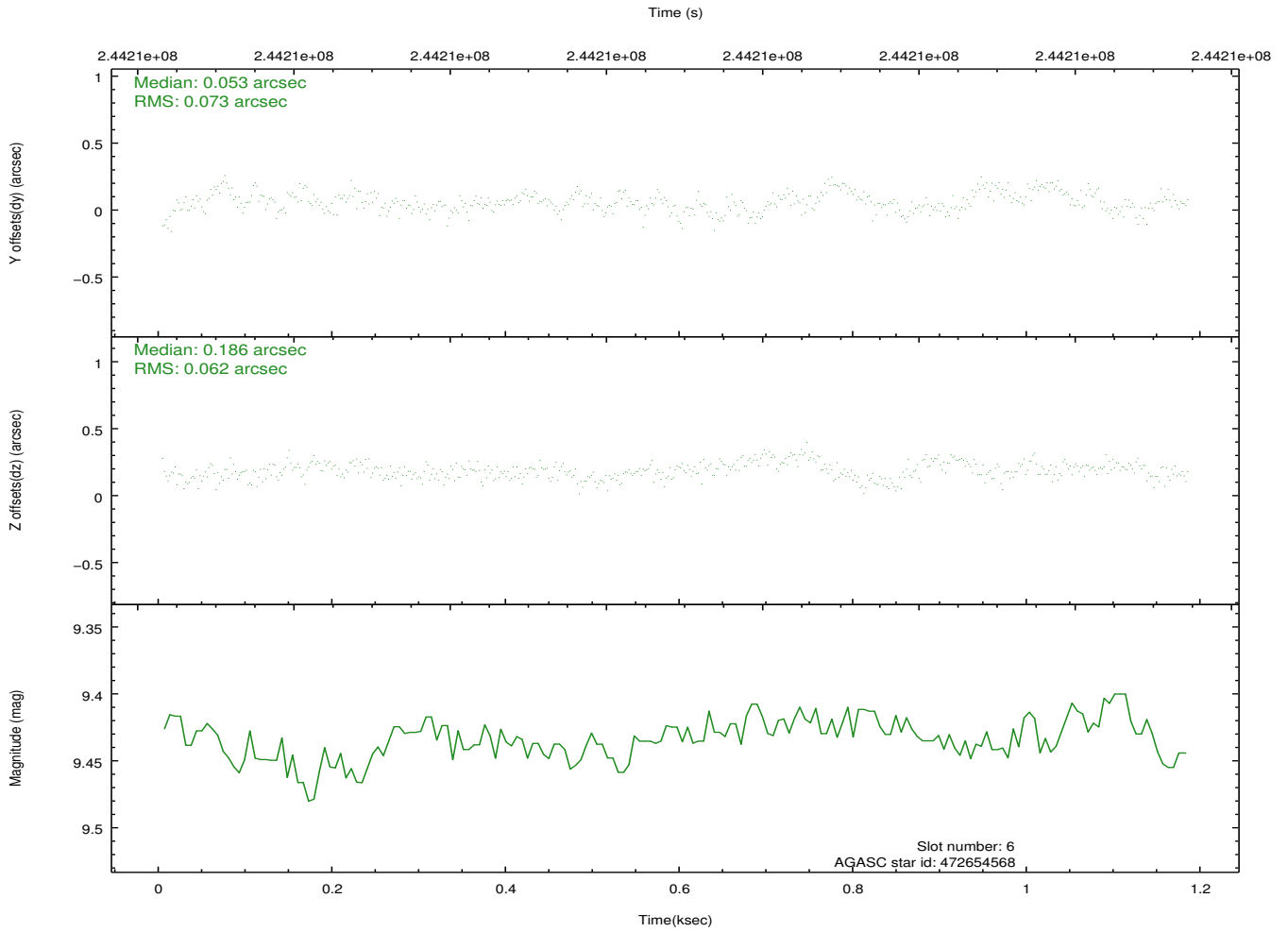
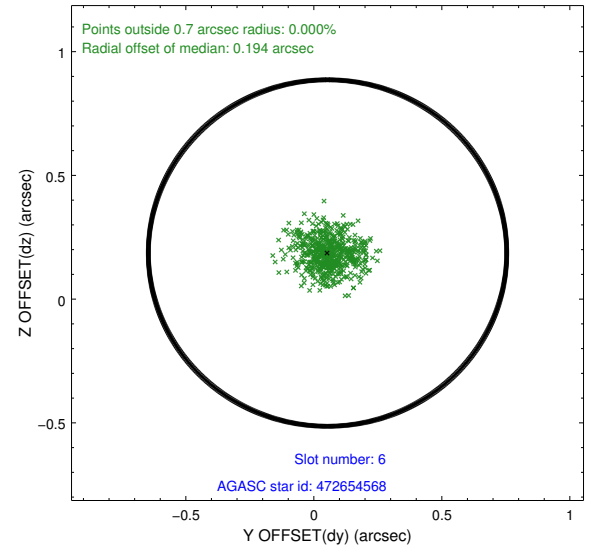
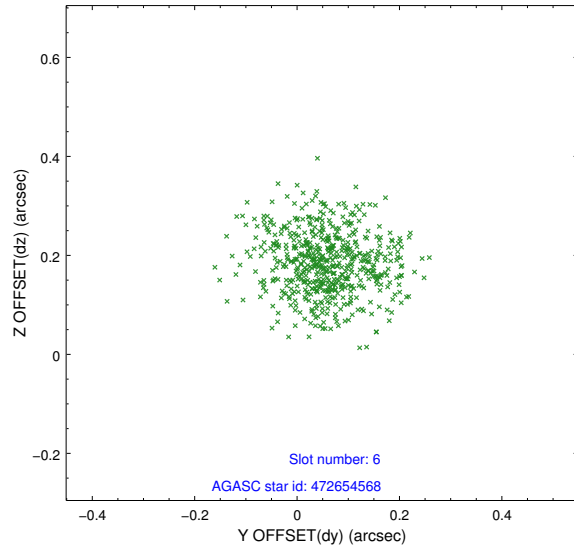
2.4.2 Slot 4



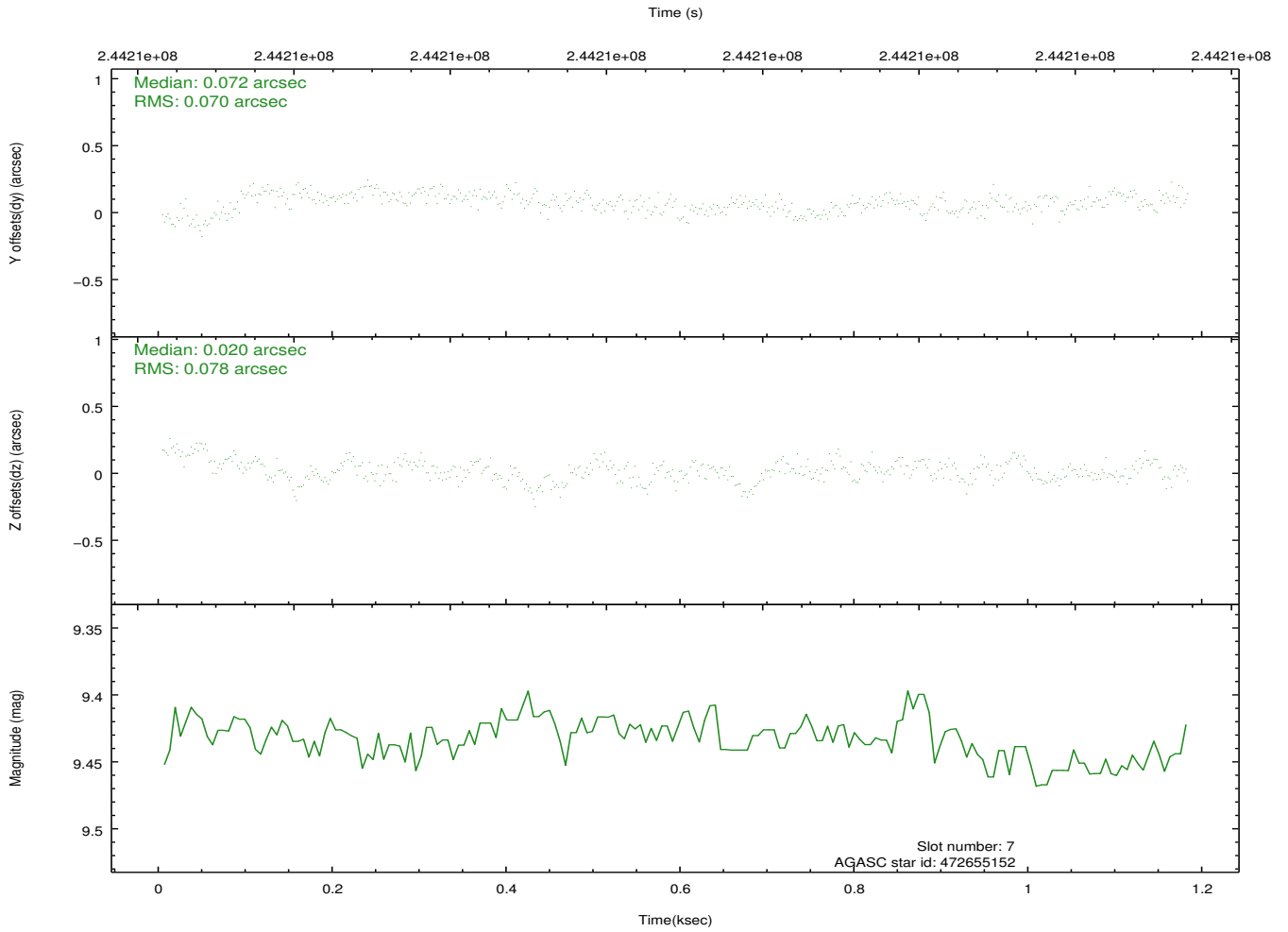
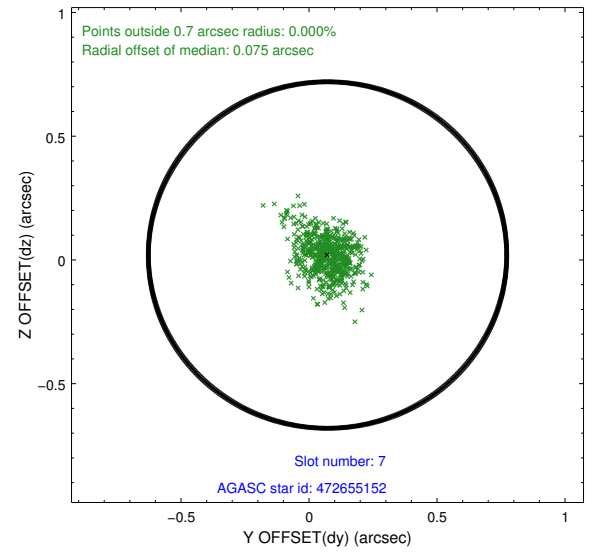
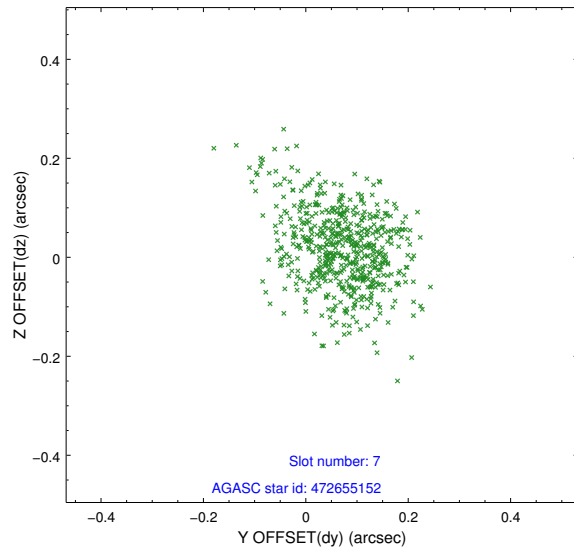
2.4.3 Slot 5



2.4.4 Slot 6

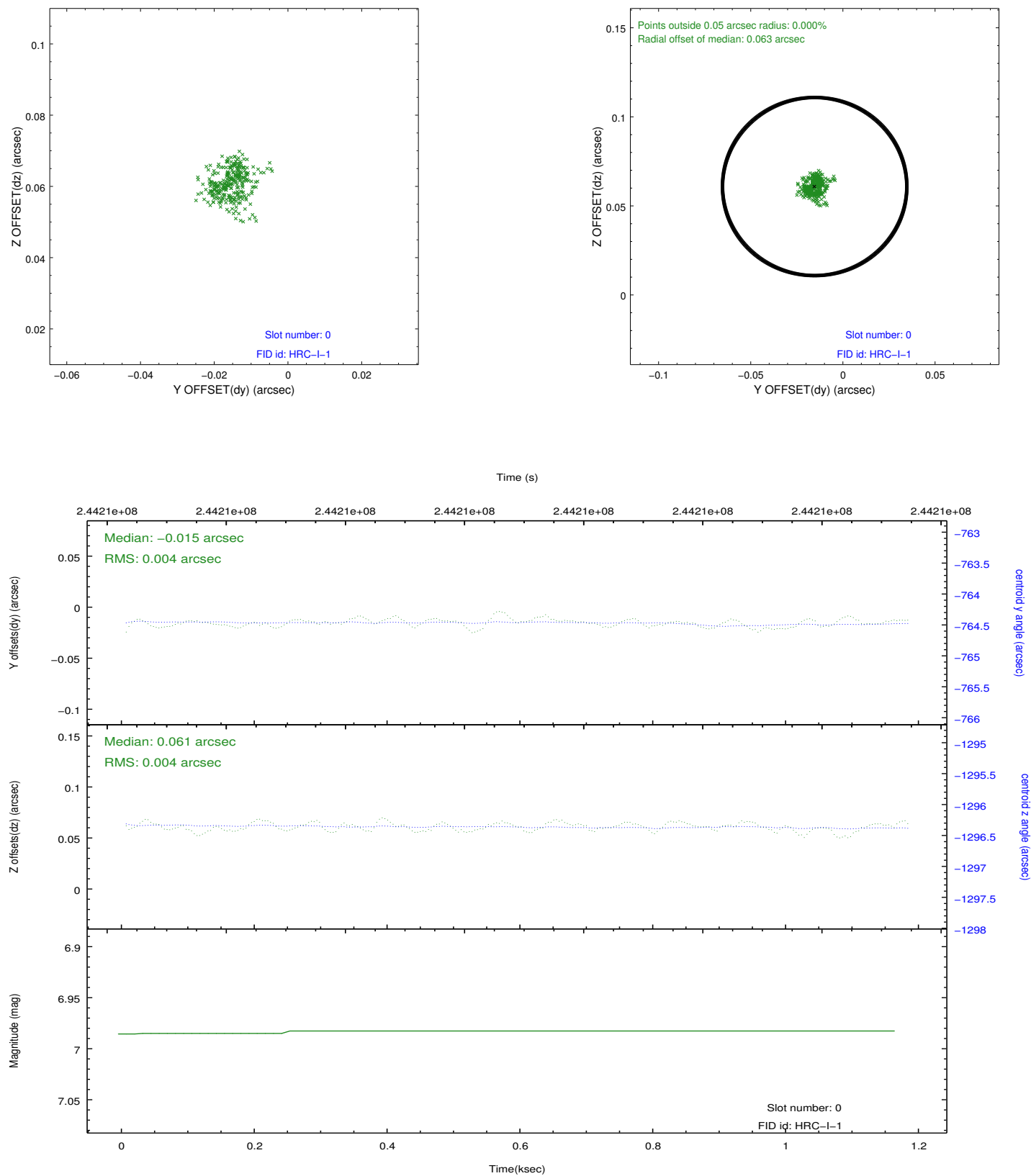


2.4.5 Slot 7

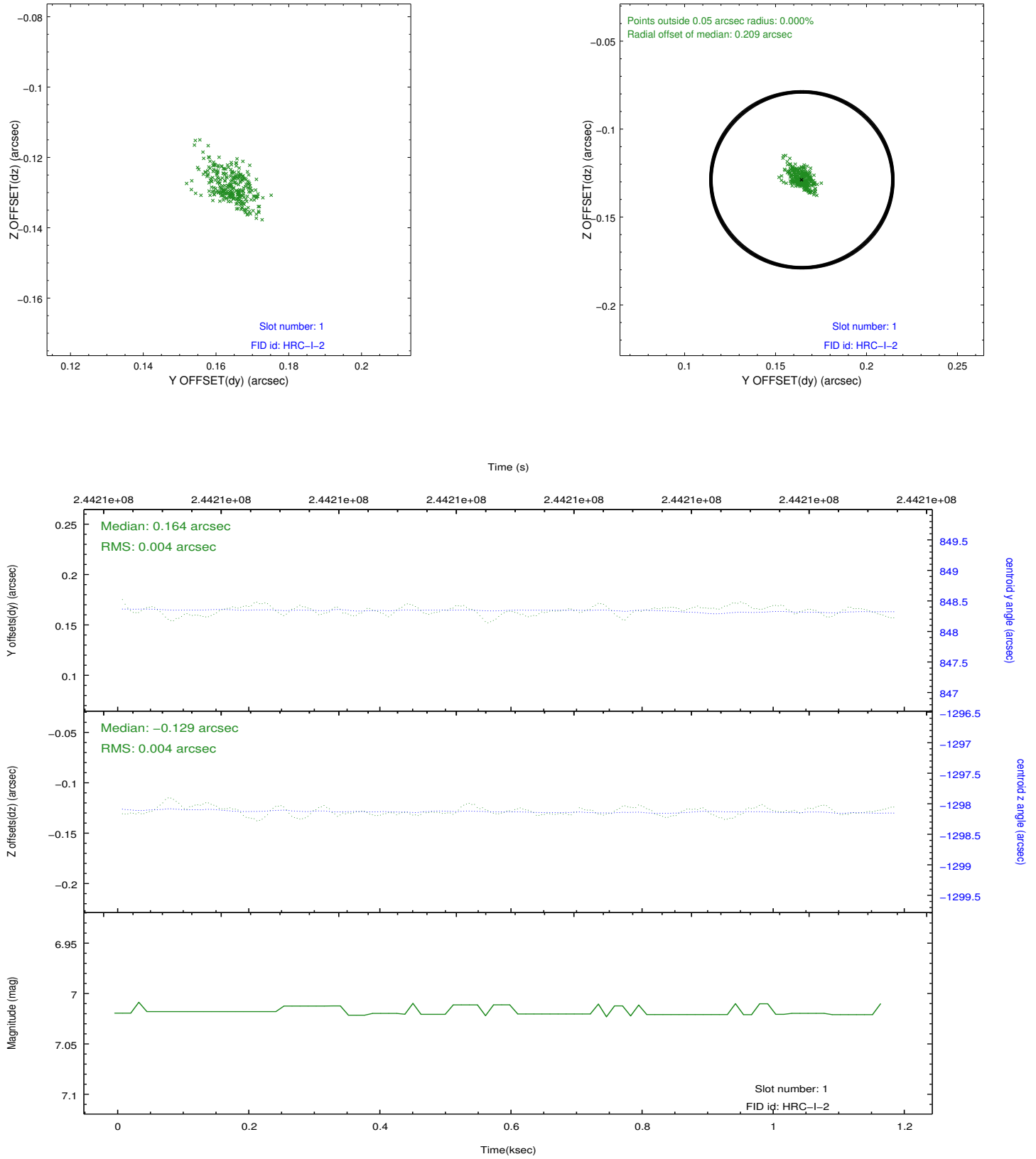


2.5 FID Slots

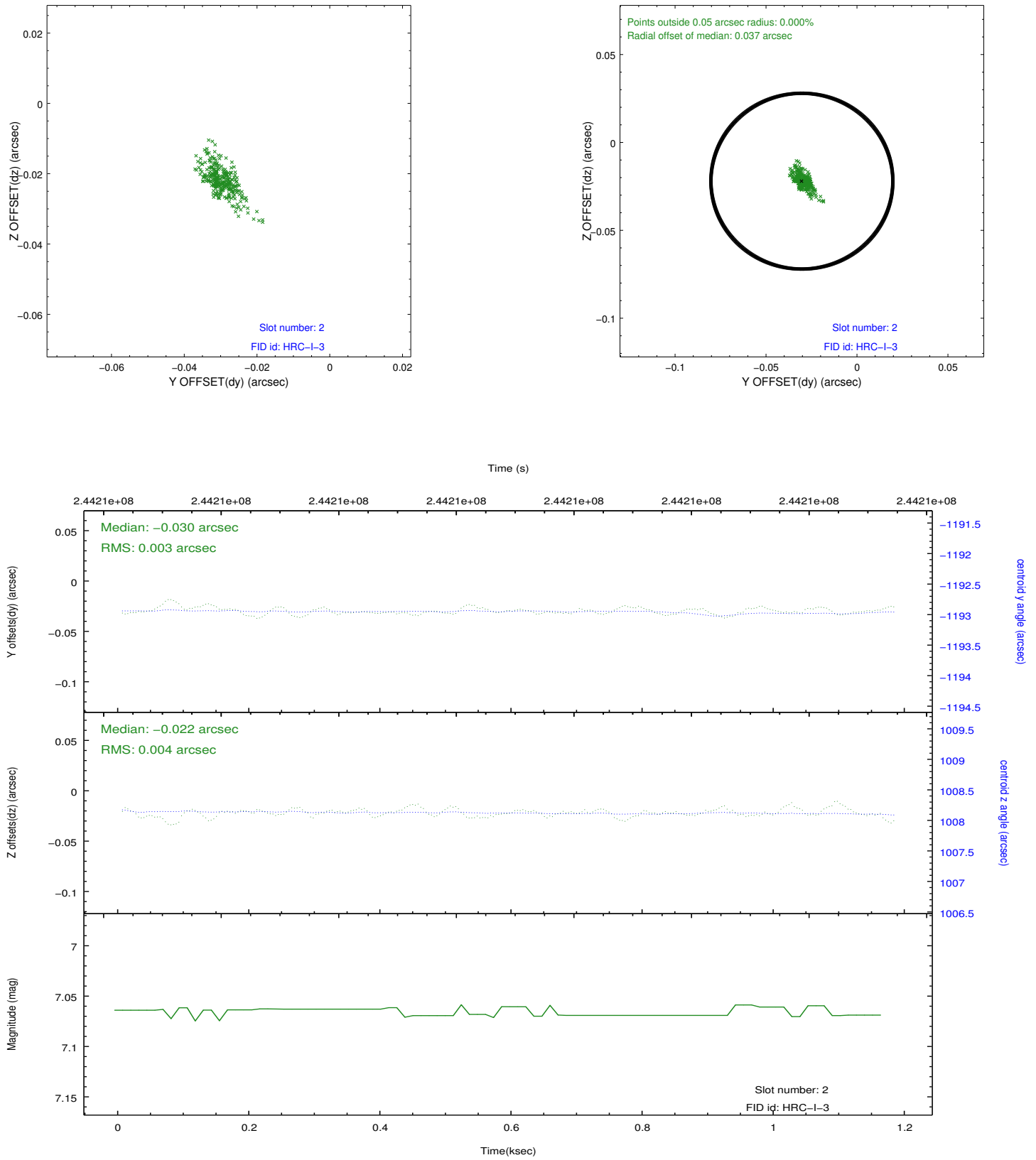
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2013.01.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.179775

A.2 Comments