

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8307 - L2 Version 4
Chandra X-Ray Center

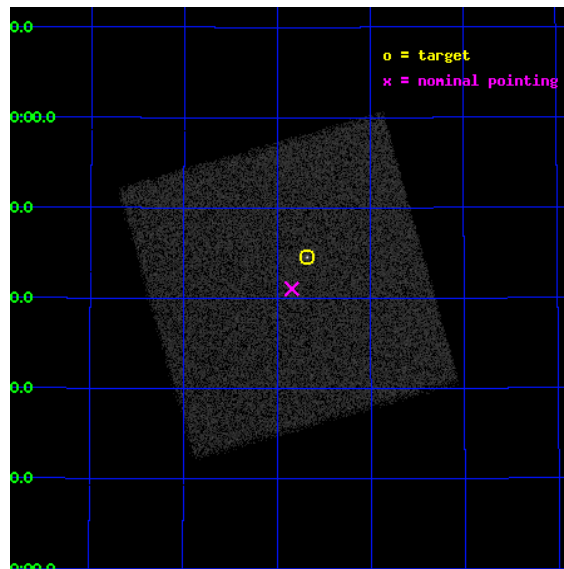
L2 Processing Date : Aug 11 2012

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1 Front

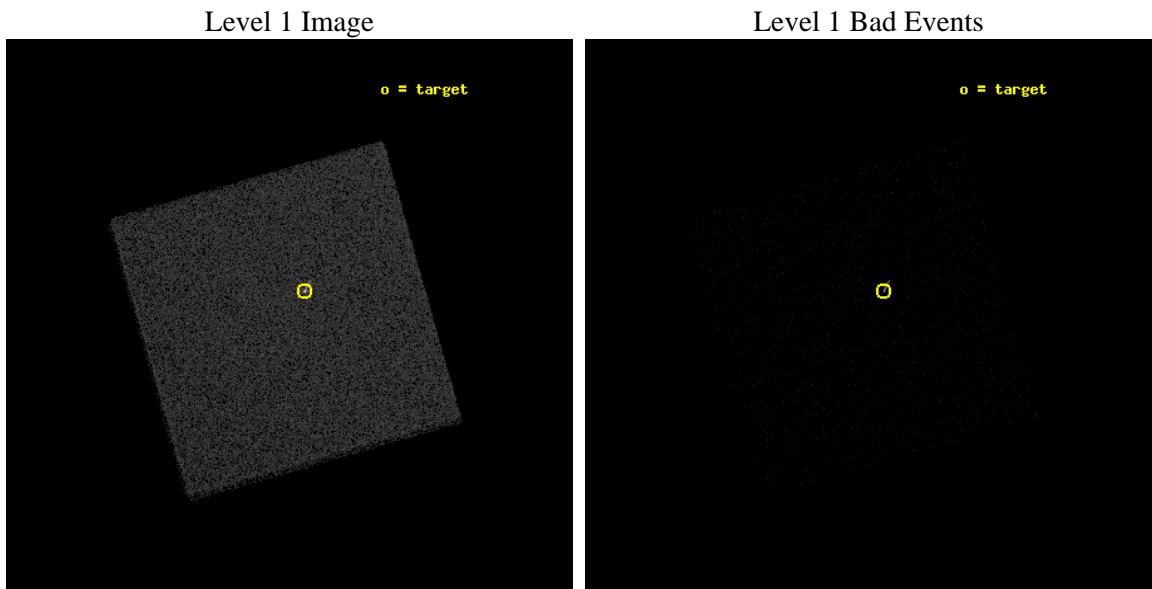
seq_num	290686	Sequence number
obs_id	8307	Observation id
title	AO8 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.2107454976	Nominal RA [deg]
dec_nom	45.68426320757	Nominal Dec [deg]
roll_nom	209.1050930423	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1190.2813072801	[s]
livetime	1177.8316448648	Ontime multiplied by DTCOR
l2events	73972	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	1190.2813072801	[s]
caldbver	4.5.1.1	 	l1events	136065	Number of level 1 events
date	2012-08-12T01:44:49	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

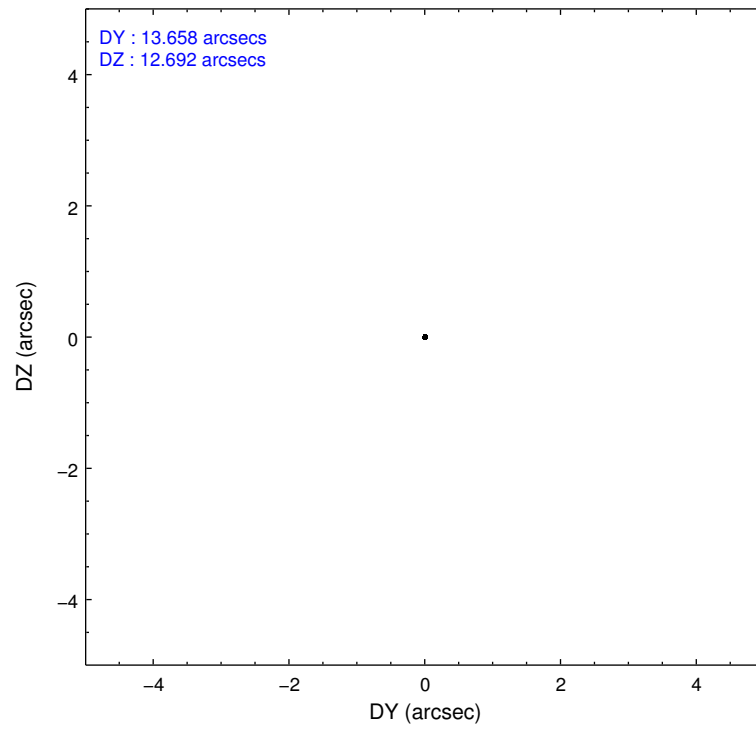
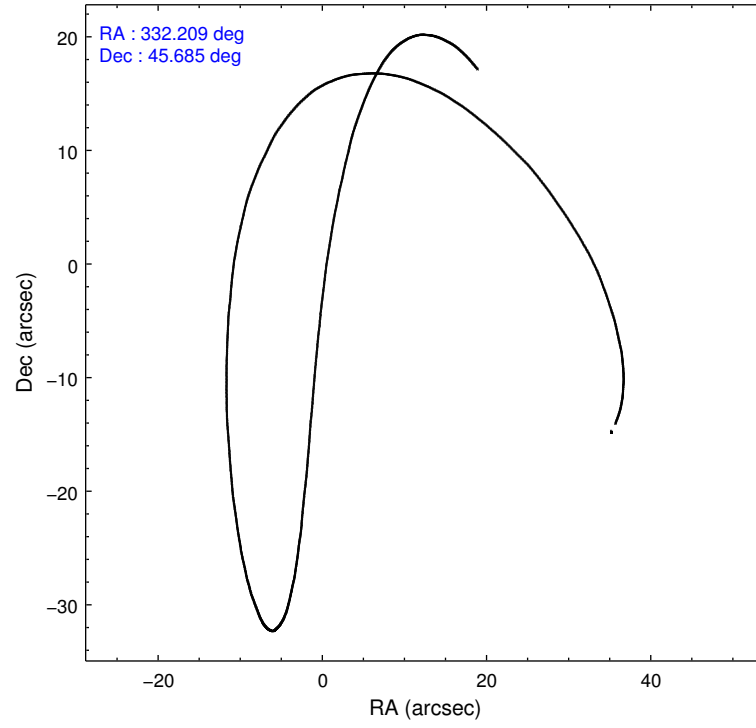
	segment 0
level 1 events	136065
rejected events	28493
rejected %	20%

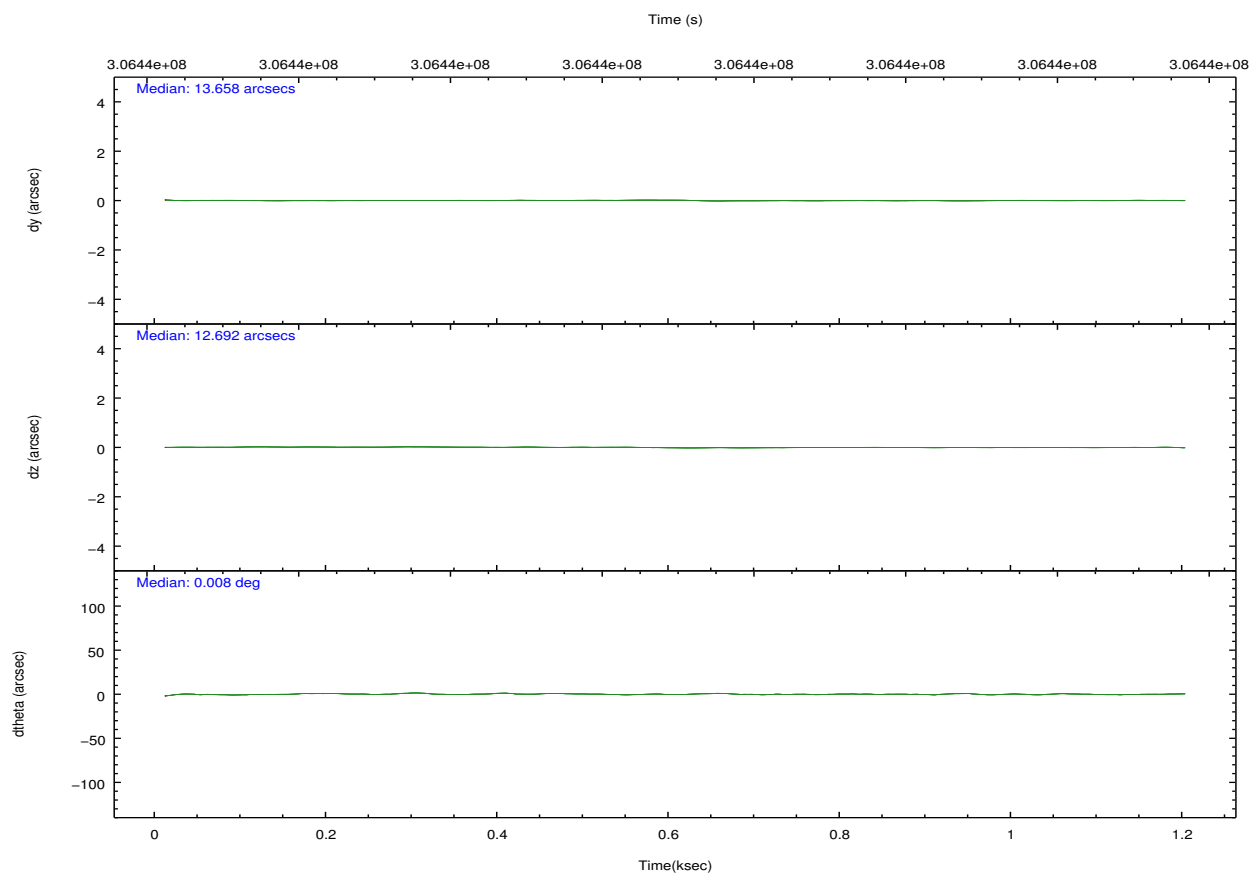
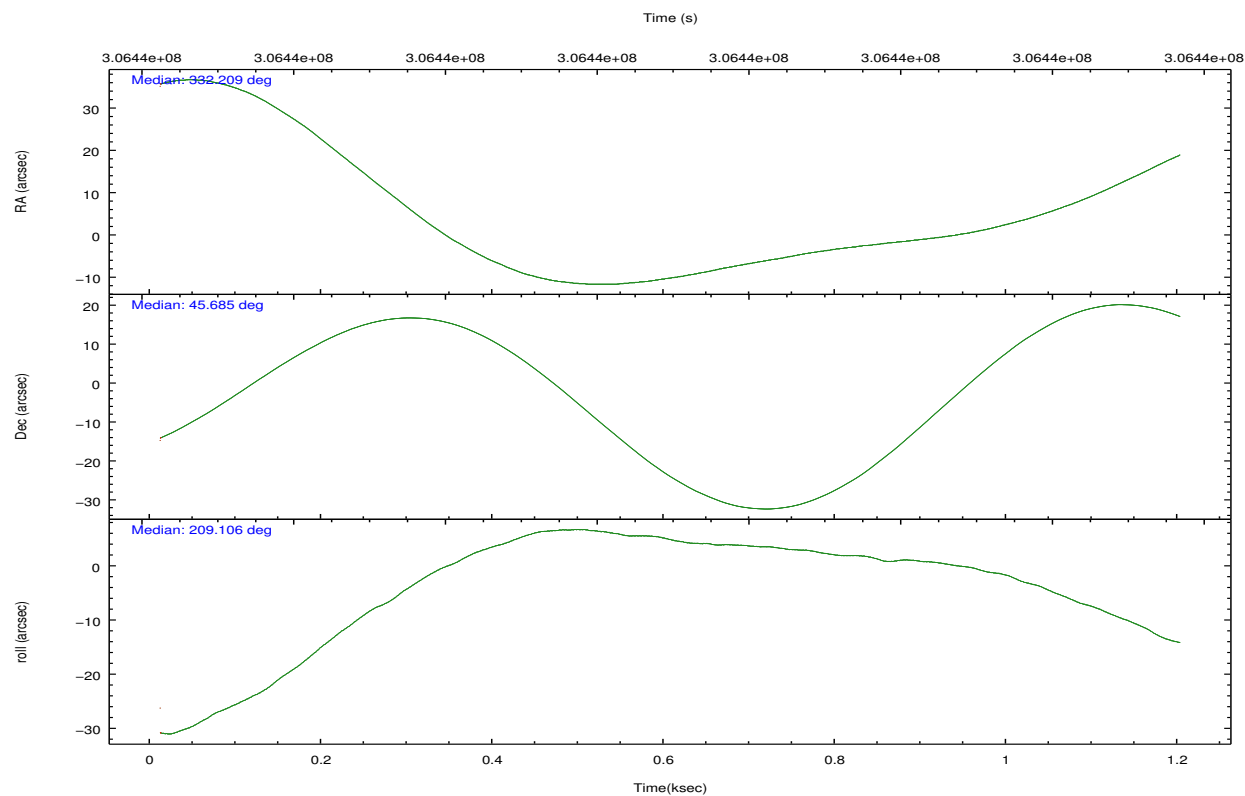
2.2 Compared Parameters

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	332.229824	332.2107454975976
[deg] Pointing Dec	45.707229	45.68426320757027
[deg] Pointing Roll	209.186905	209.1050930422969
[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)	306438092.184000	306437715.86384
Observation start date	2007-09-17T17:40:27	2007-09-17T17:35:15
[s] Observation end time (MET)	306439092.184000	306439226.20141
Observation end date	2007-09-17T17:57:07	2007-09-17T18:00:26

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

2.3 Aspect



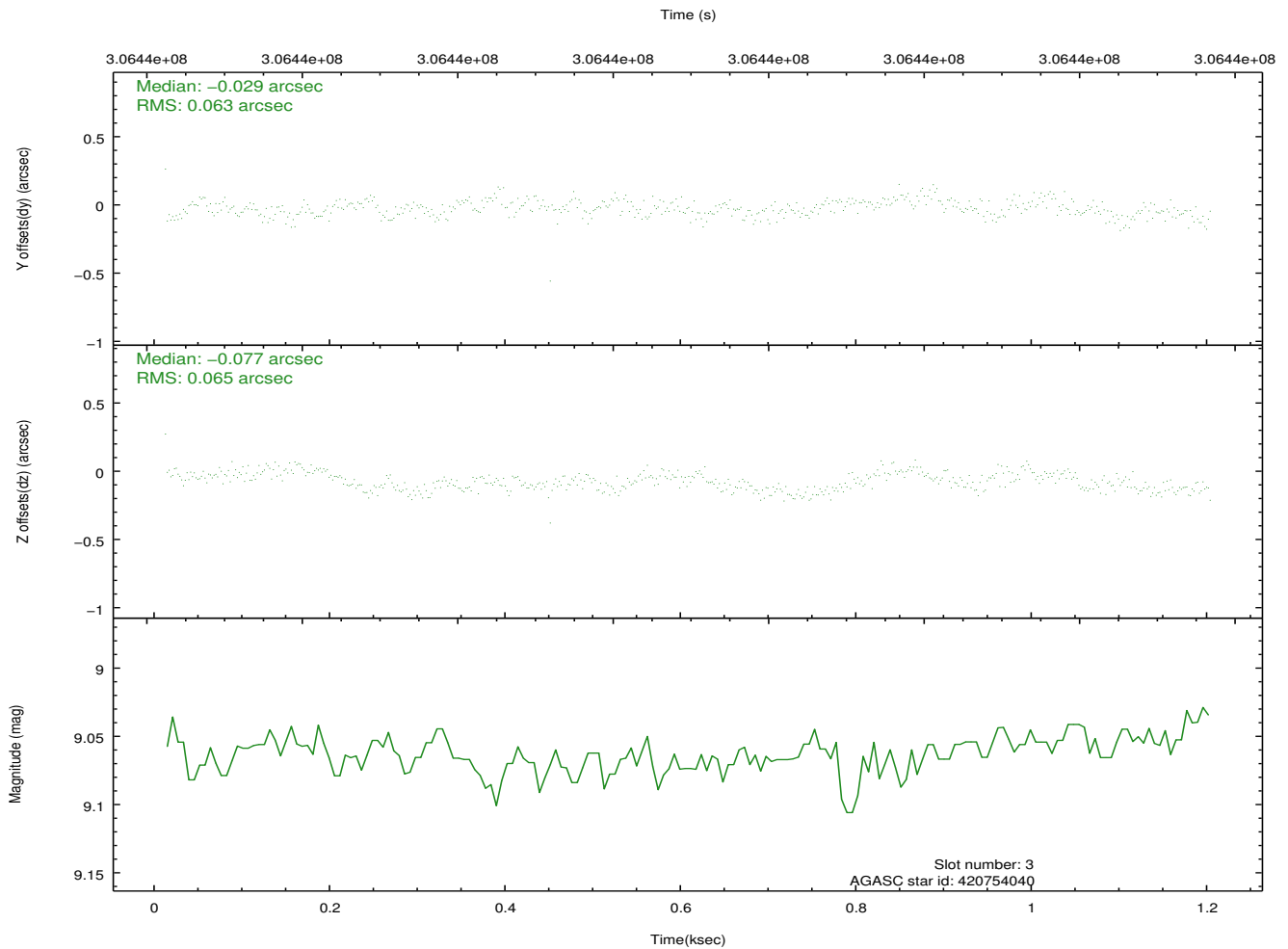
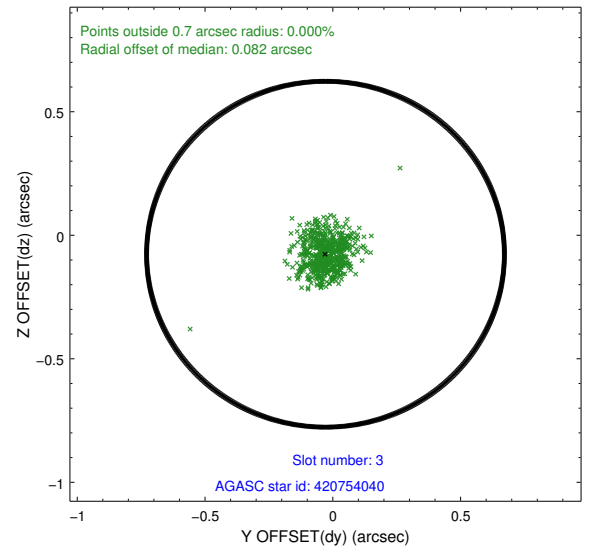
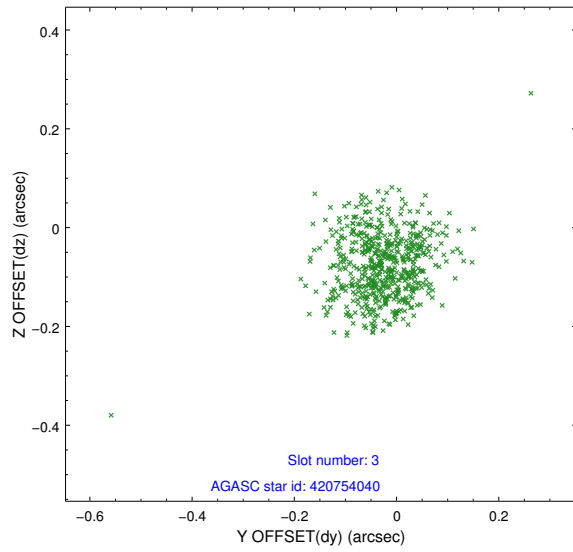


Slot Statistics

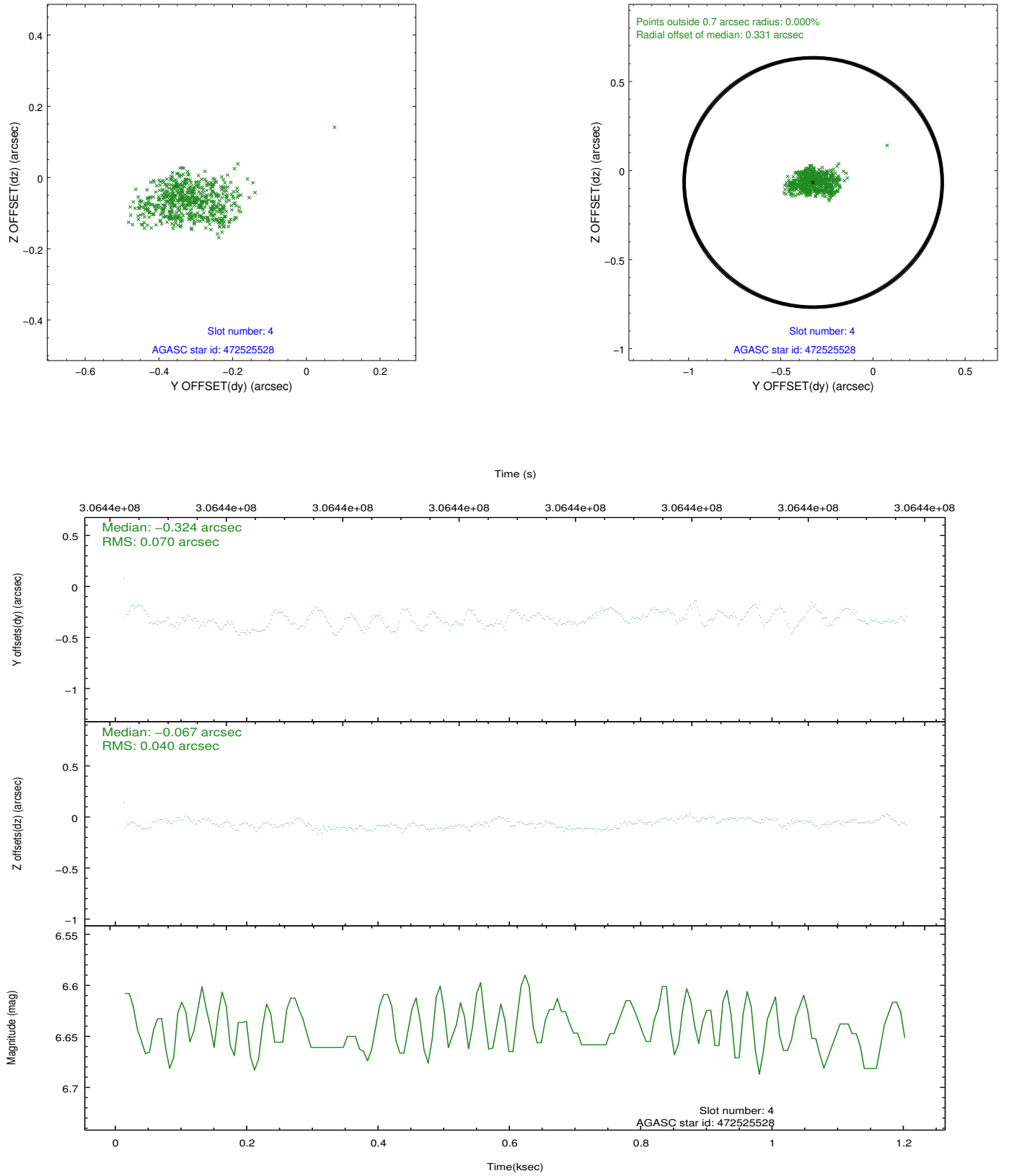
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.00	291	-0.054	0.031	0.005	0.010	0.000000	0.000000	-769.48	-1300.73
1	FID	HRC-I-2	7.02	291	0.238	-0.162	0.005	0.009	0.000000	0.000000	840.80	-1306.96
2	FID	HRC-I-3	7.07	291	-0.065	0.041	0.005	0.010	0.000000	0.000000	-1195.09	999.36
3	GUIDE	420754040	9.06	582	-0.029	-0.077	0.092	0.143	331.917939	44.882543	2142.61	2204.99
4	GUIDE	472525528	6.64	582	-0.324	-0.067	0.083	0.137	331.551102	45.248694	2308.47	601.86
5	GUIDE	472655152	9.44	581	0.085	0.069	0.113	0.173	332.504239	45.862991	-868.77	-151.68
6	GUIDE	472665256	9.00	582	0.175	0.018	0.105	0.188	332.808125	46.195041	-2116.55	-833.00
7	GUIDE	472663080	9.41	581	0.096	0.073	0.114	0.212	332.652741	46.473840	-2264.43	-1899.73

2.4 Star Slots

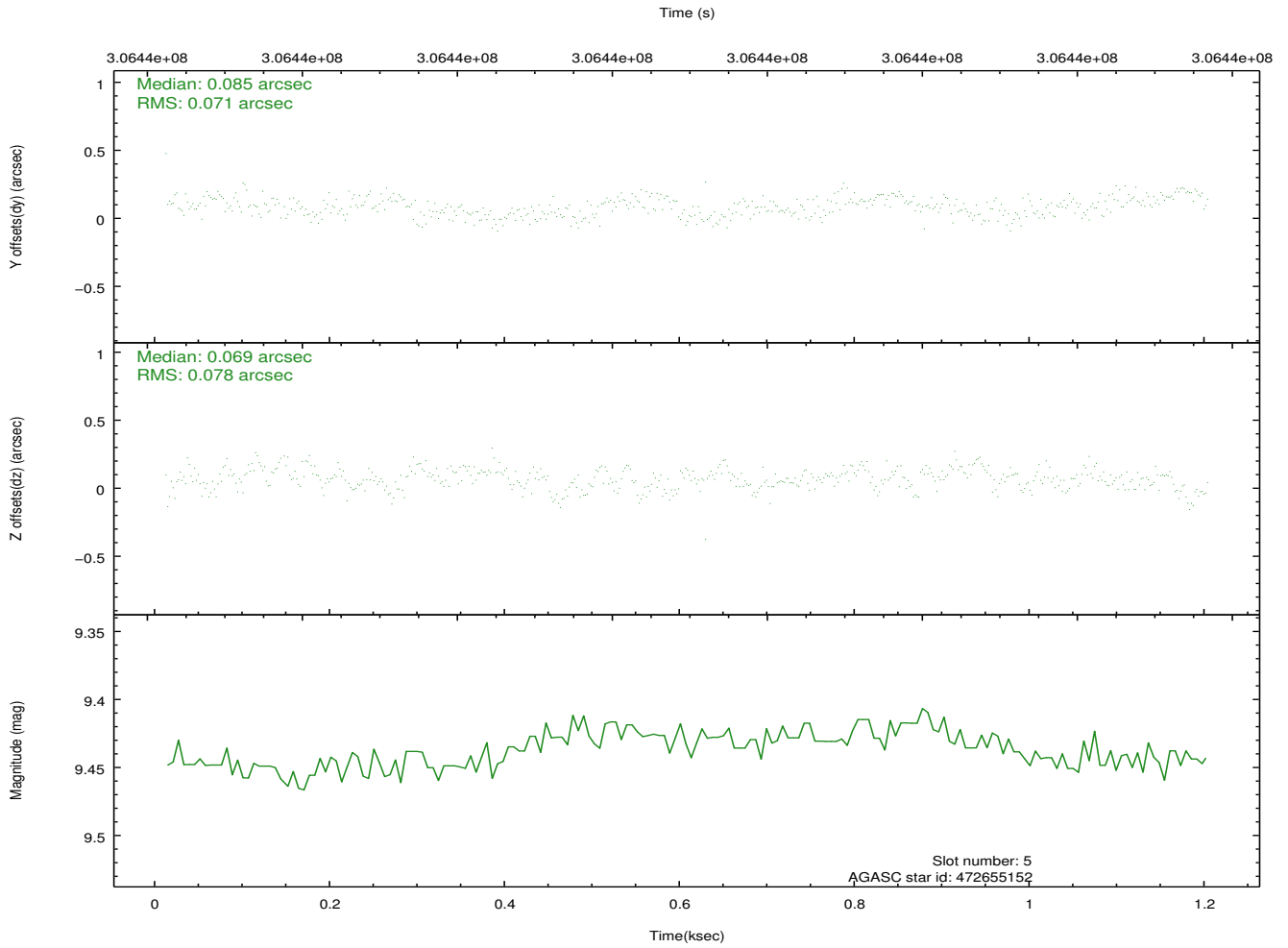
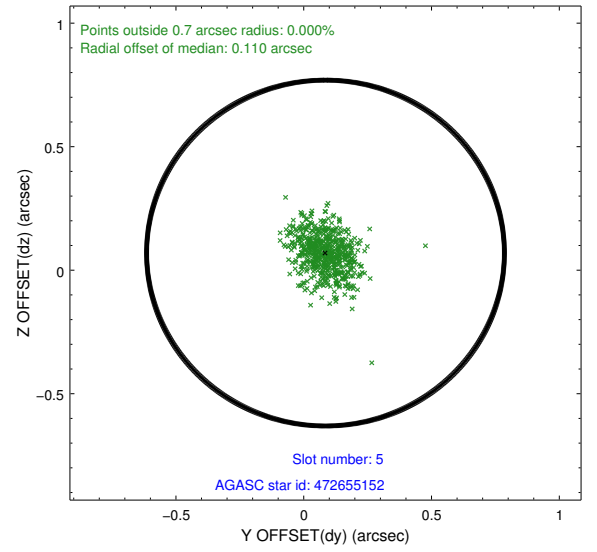
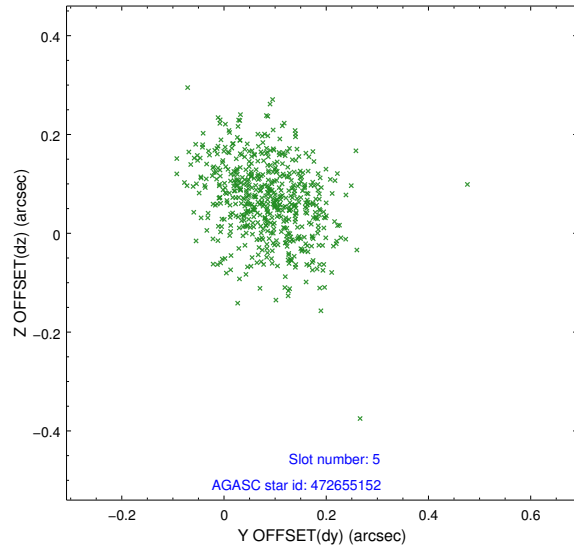
2.4.1 Slot 3



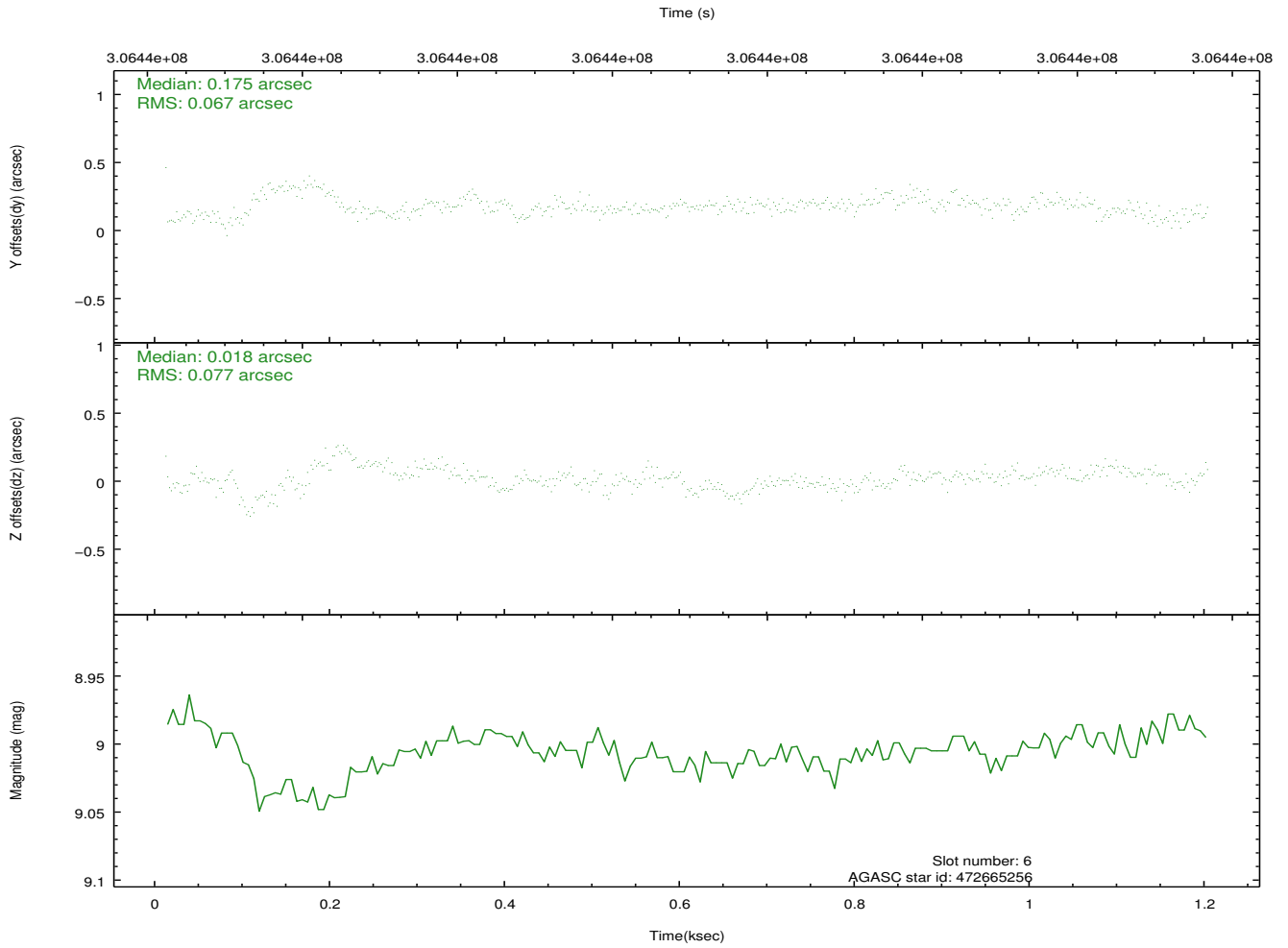
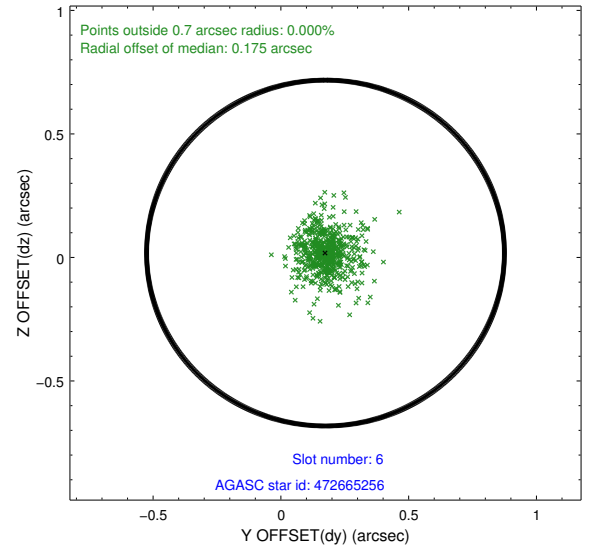
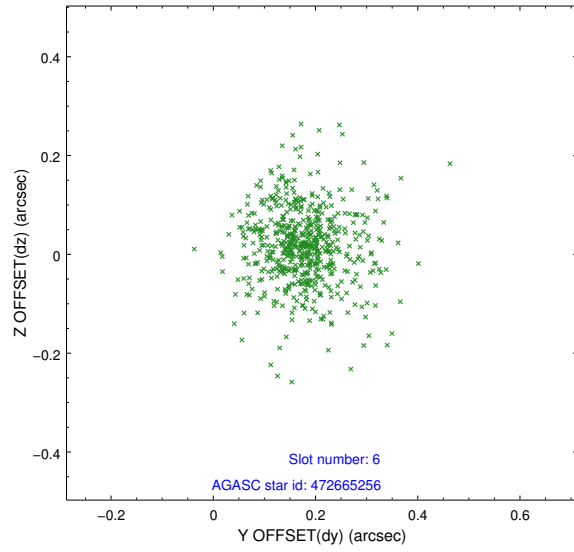
2.4.2 Slot 4



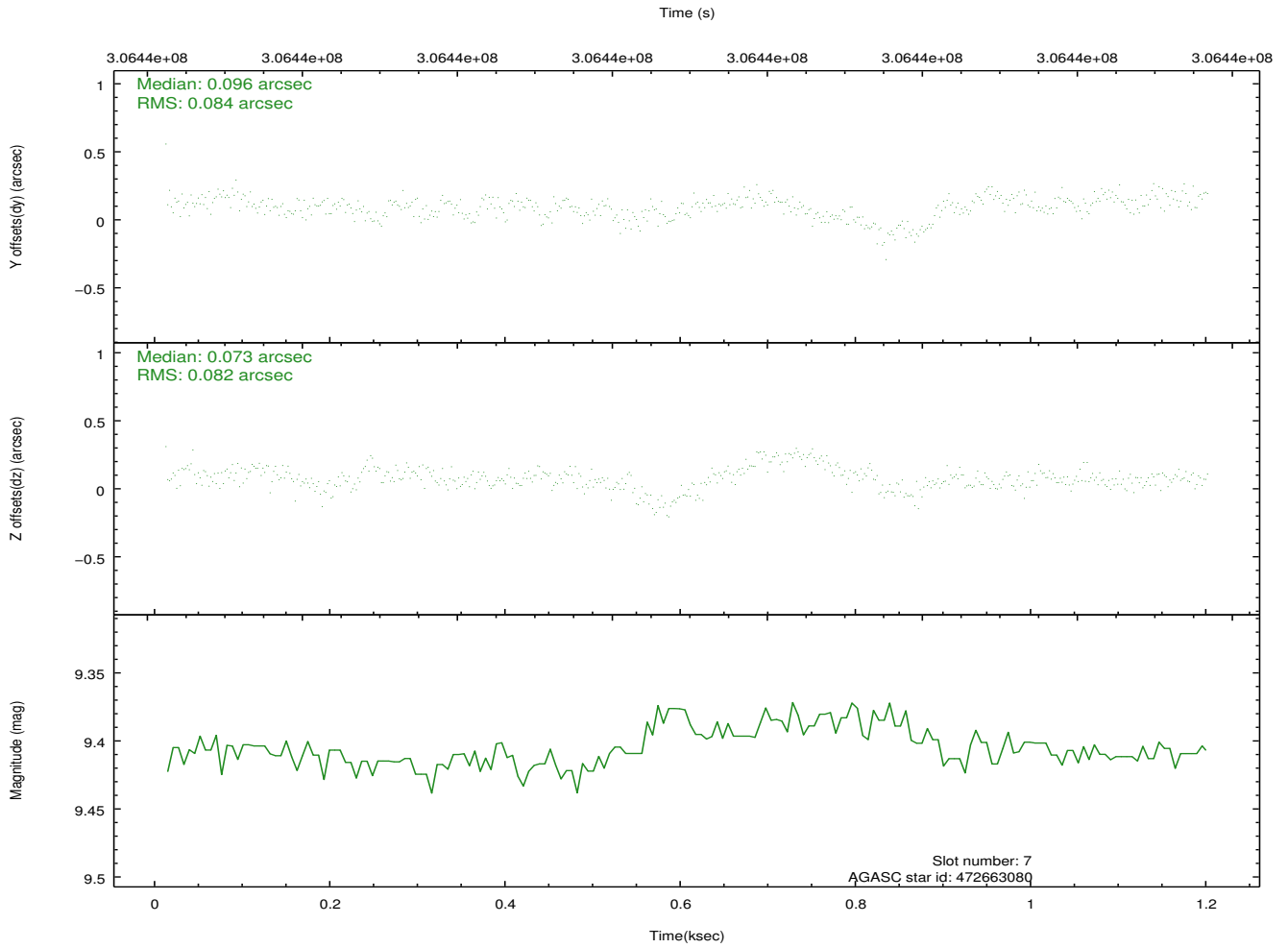
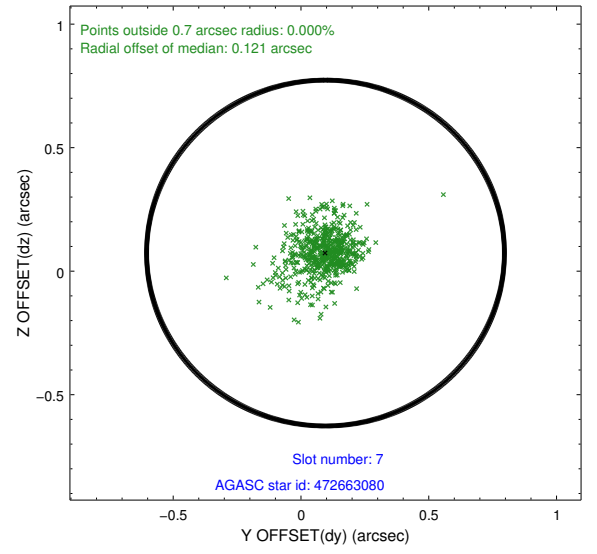
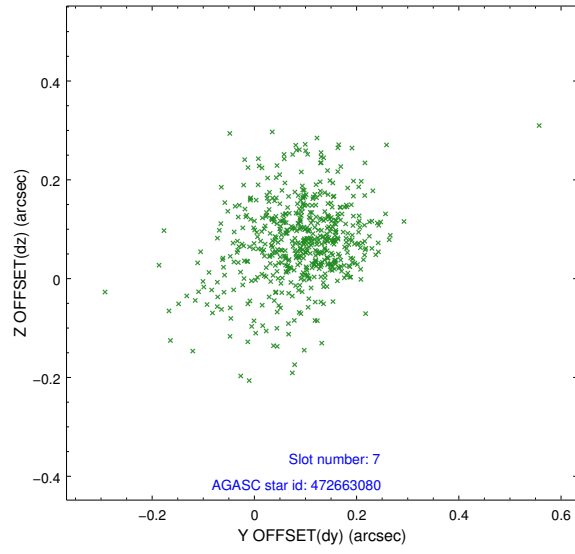
2.4.3 Slot 5



2.4.4 Slot 6

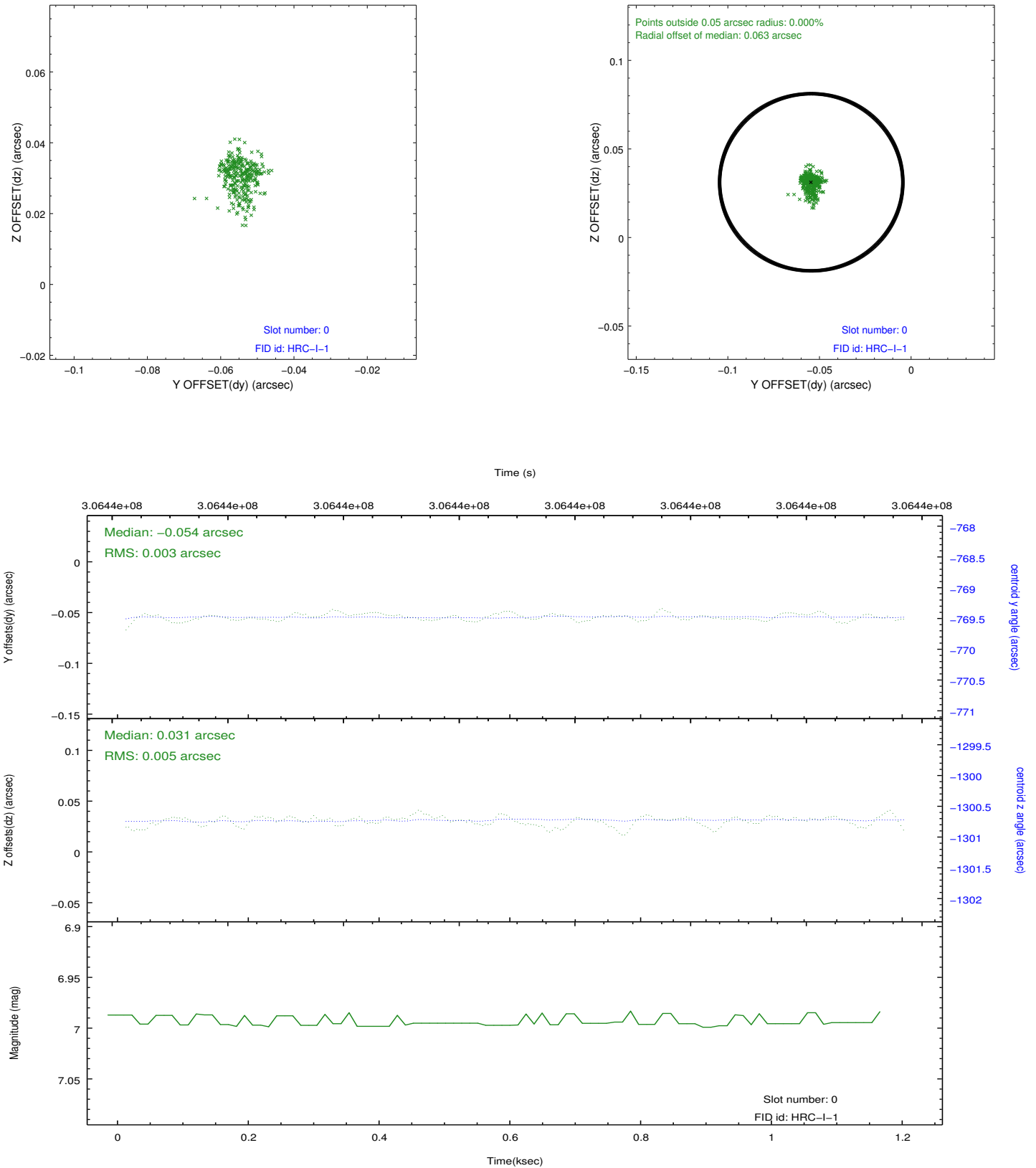


2.4.5 Slot 7

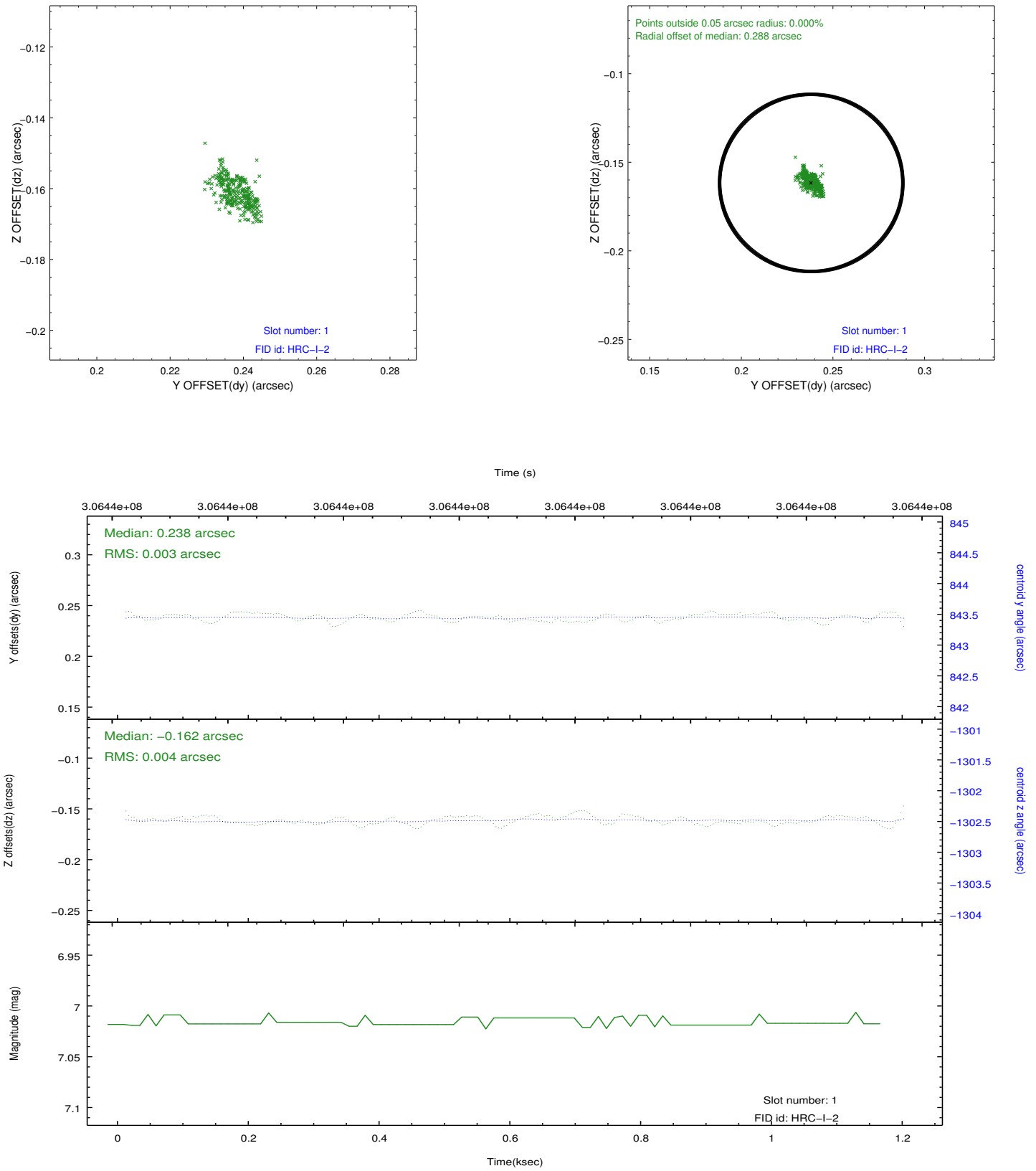


2.5 FID Slots

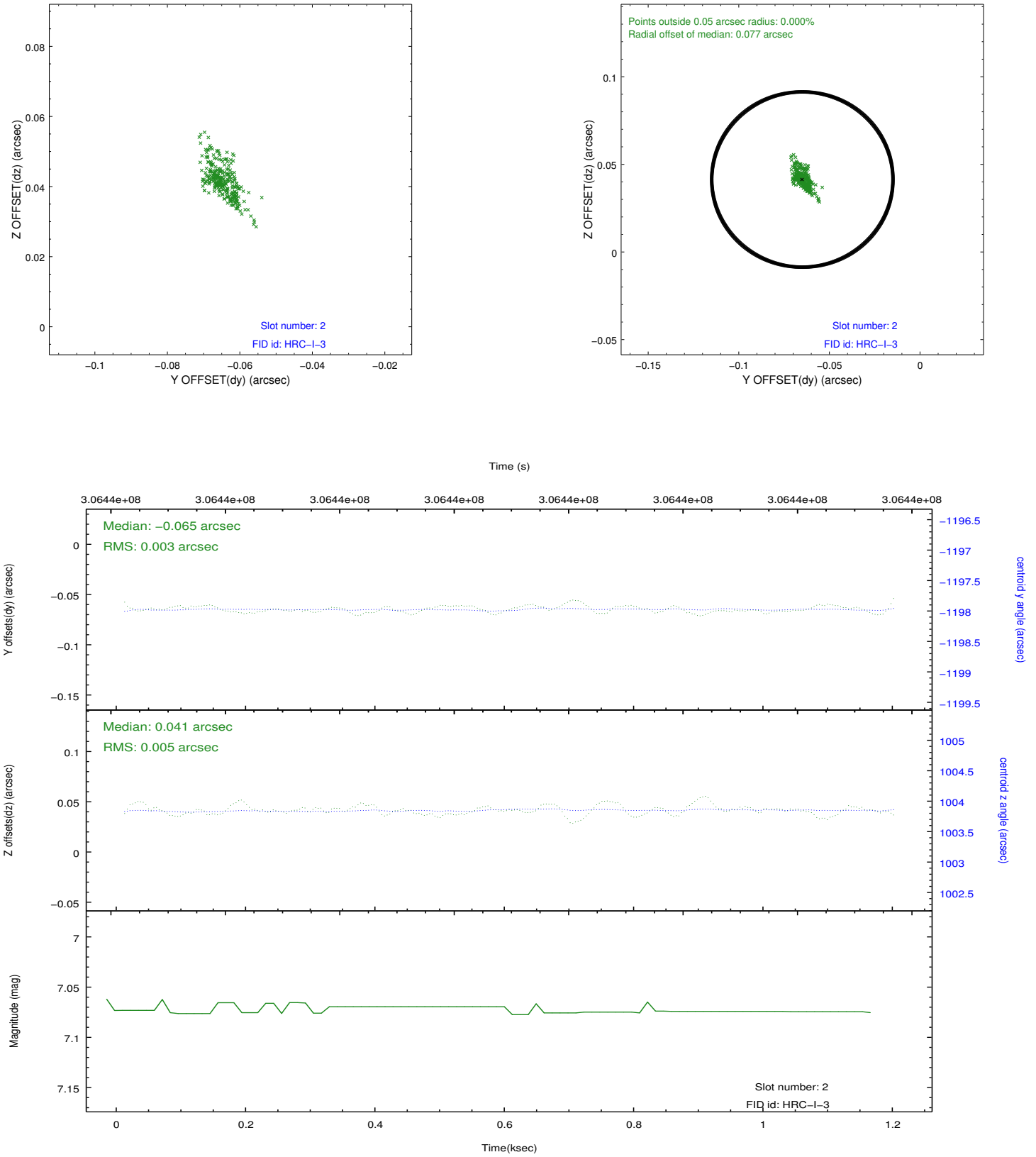
2.5.1 Slot 0



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)	2012.08.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1902813

A.2 Comments