

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8316 - L2 Version 4
Chandra X-Ray Center

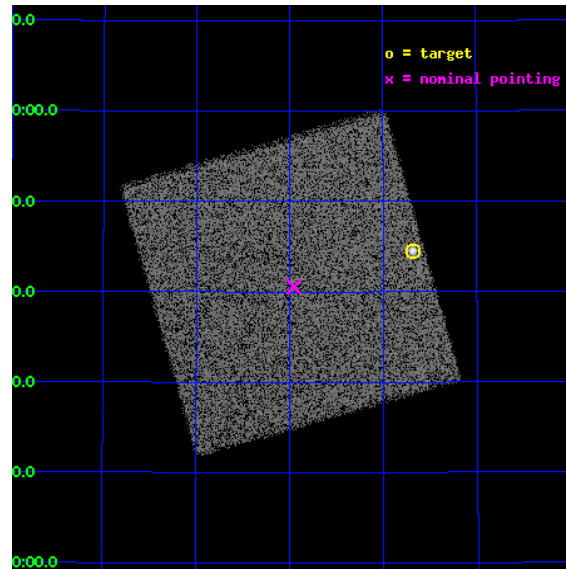
L2 Processing Date : Aug 11 2012

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1 Front

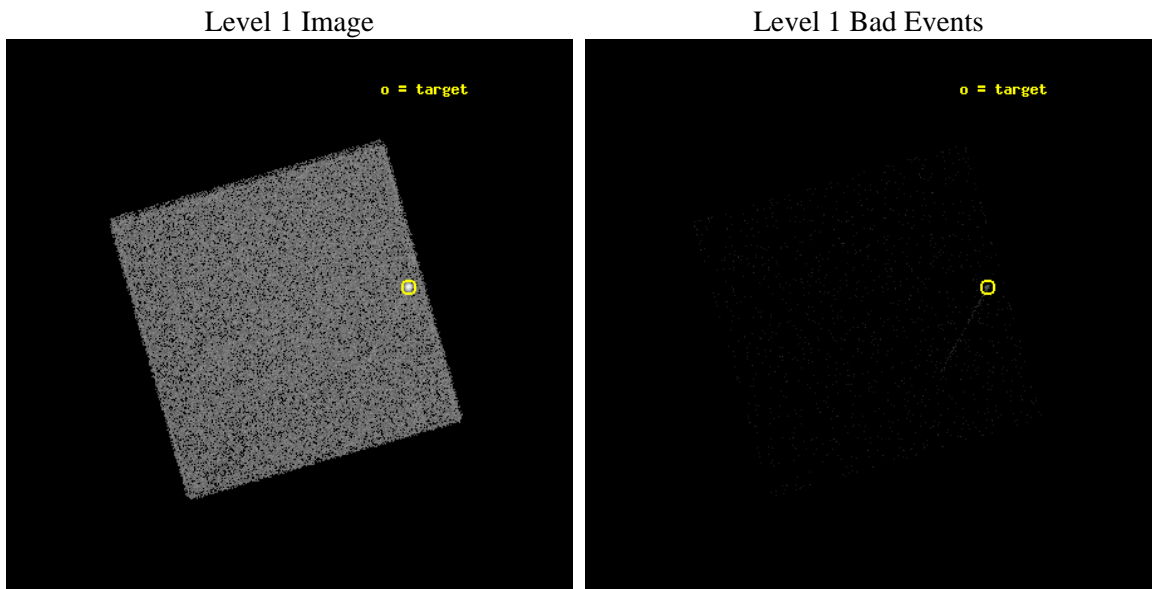
seq_num	290695	Sequence number
obs_id	8316	Observation id
title	AO8 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.48905306133	Nominal RA [deg]
dec_nom	45.676250647544	Nominal Dec [deg]
roll_nom	208.96707081479	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1182.0813068748	[s]
livetime	1169.9383309093	Ontime multiplied by DTCOR
l2events	70324	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	1182.0813068748	[s]
caldbver	4.5.1.1	 	l1events	132250	Number of level 1 events
date	2012-08-12T02:34:37	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

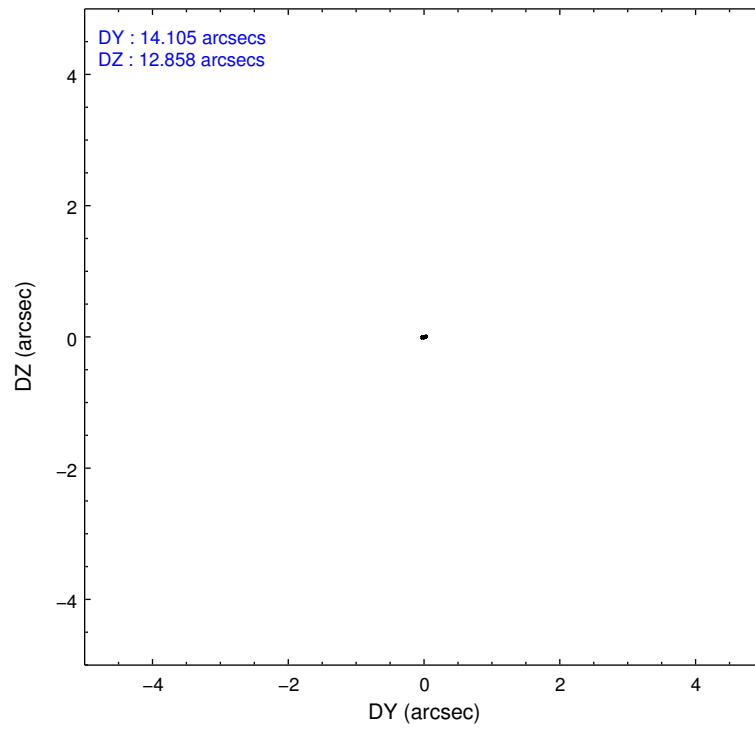
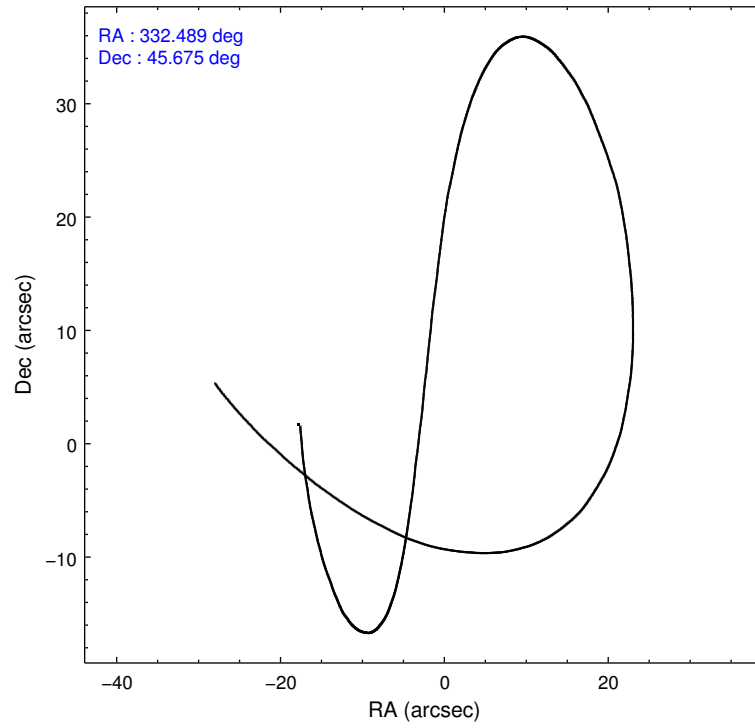
Level 1 Events

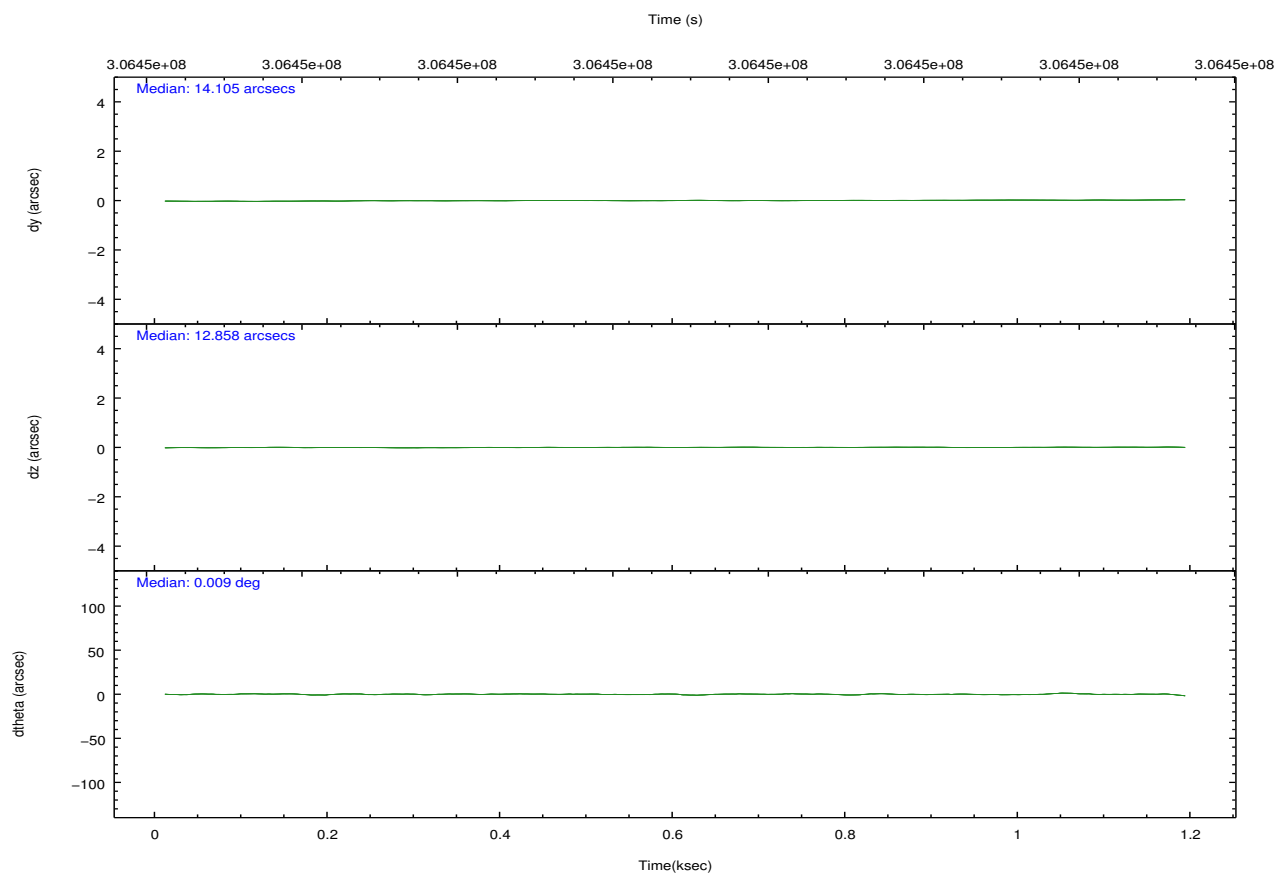
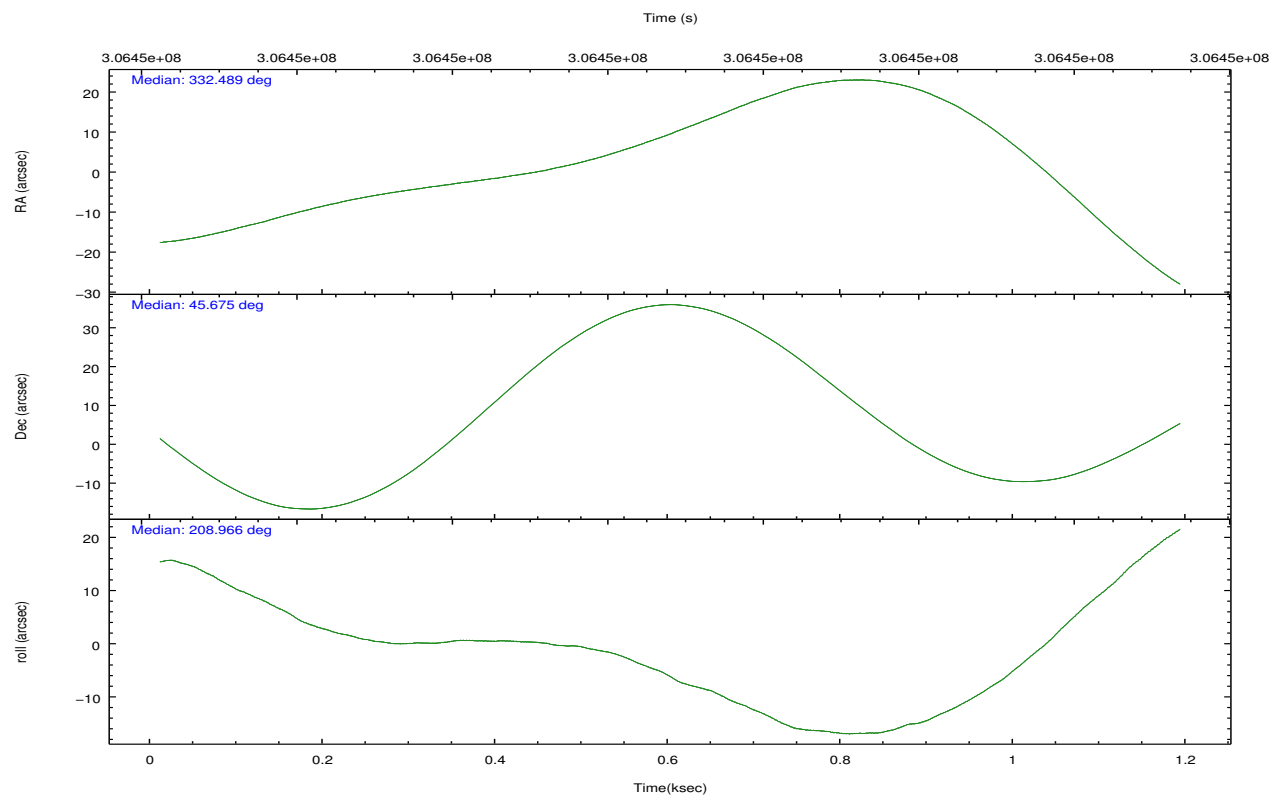
	segment 0
level 1 events	132250
rejected events	28729
rejected %	21%

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	332.508055	332.4890530613349			
[deg] Pointing Dec	45.701112	45.67625064754446			
[deg] Pointing Roll	209.048938	208.9670708147925			
[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)	306451682.184000	306451306.33949			
Observation start date	2007-09-17T21:26:57	2007-09-17T21:21:46			
[s] Observation end time (MET)	306452682.184000	306452816.16456			
Observation end date	2007-09-17T21:43:37	2007-09-17T21:46:56			

2.3 Aspect



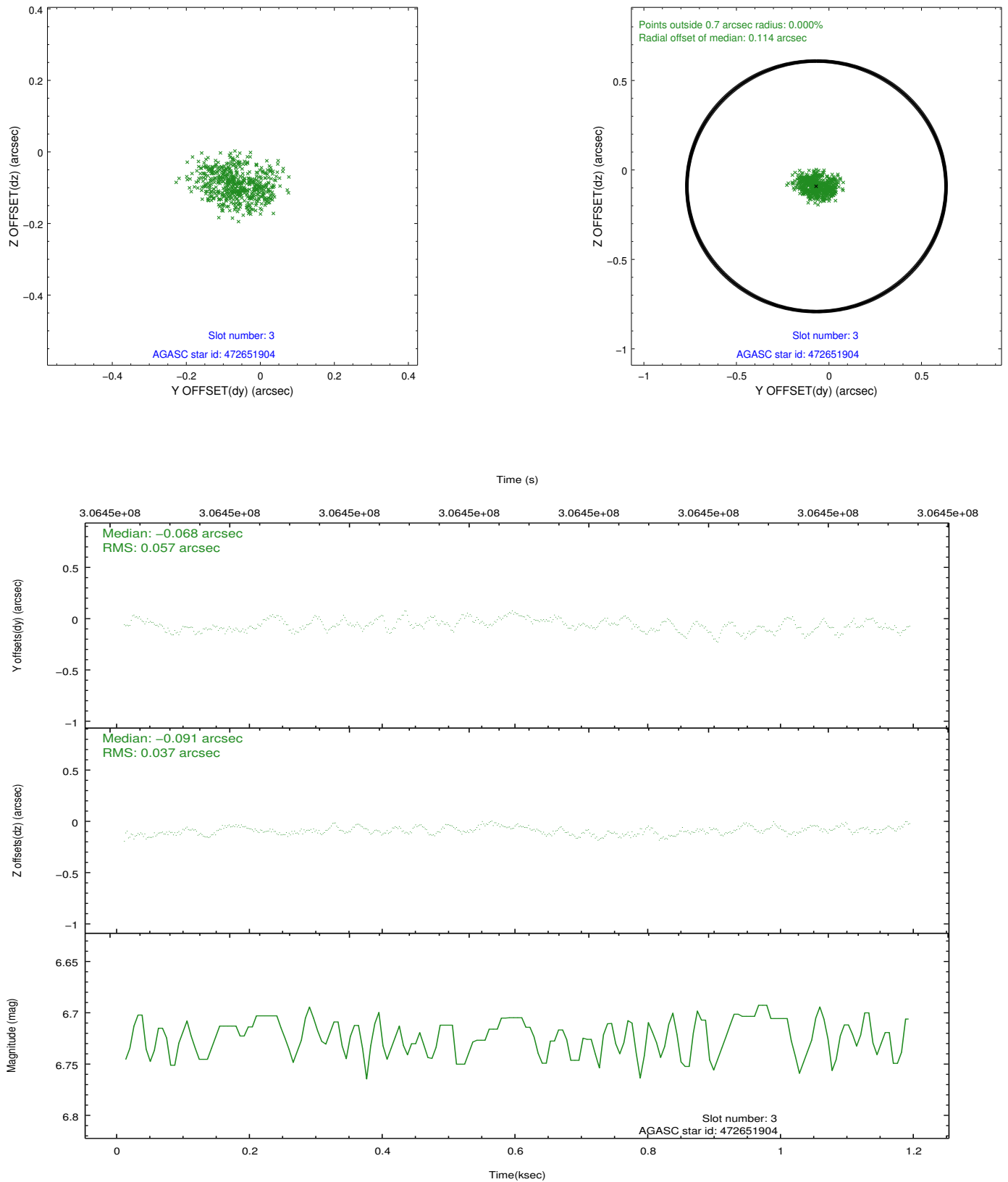


Slot Statistics

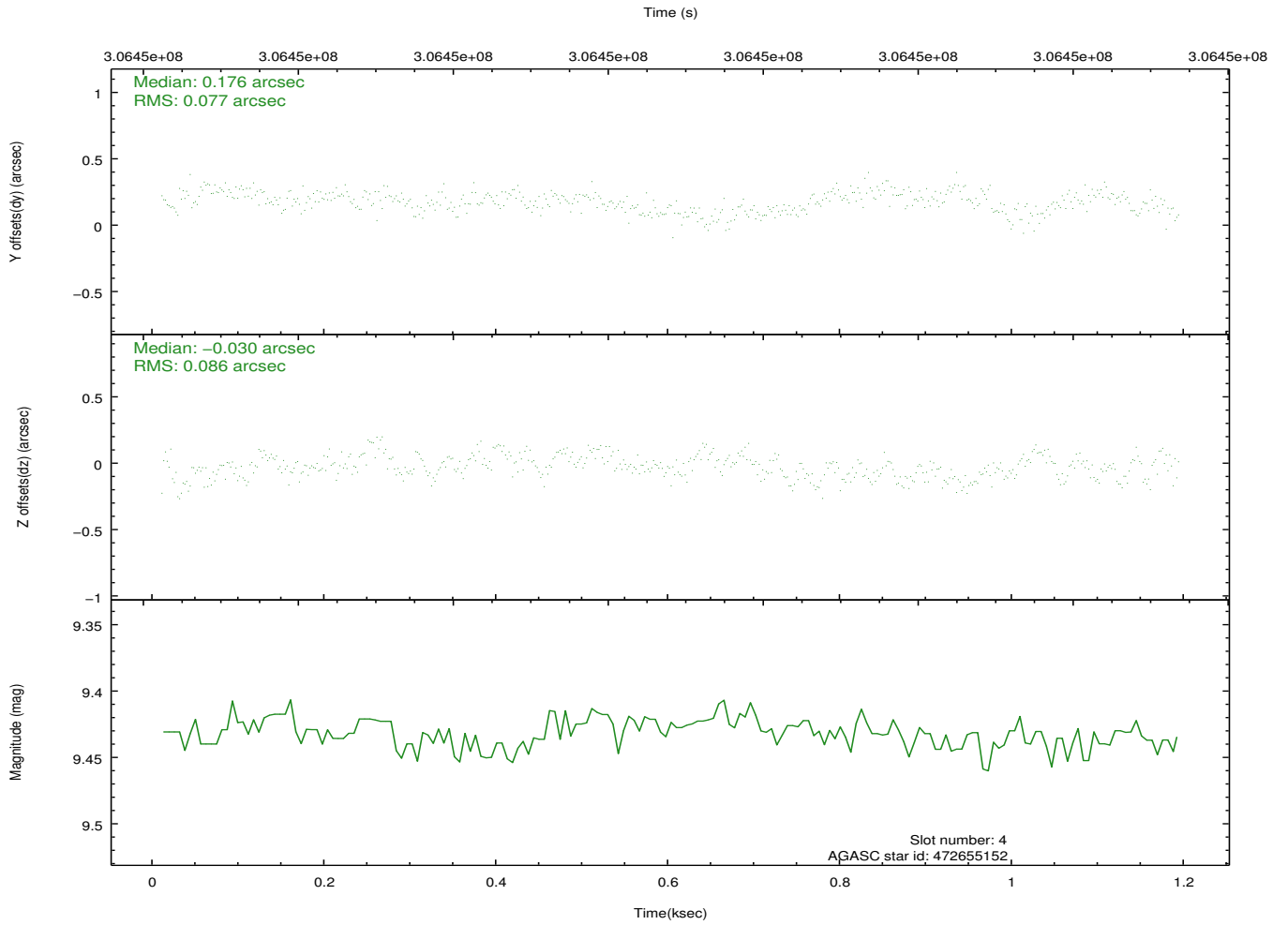
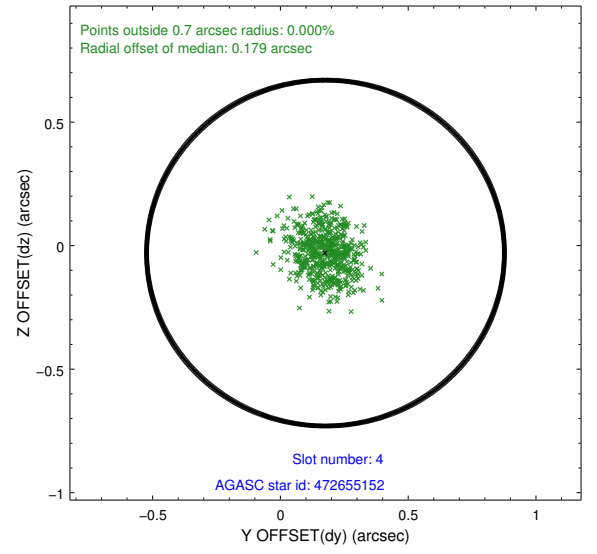
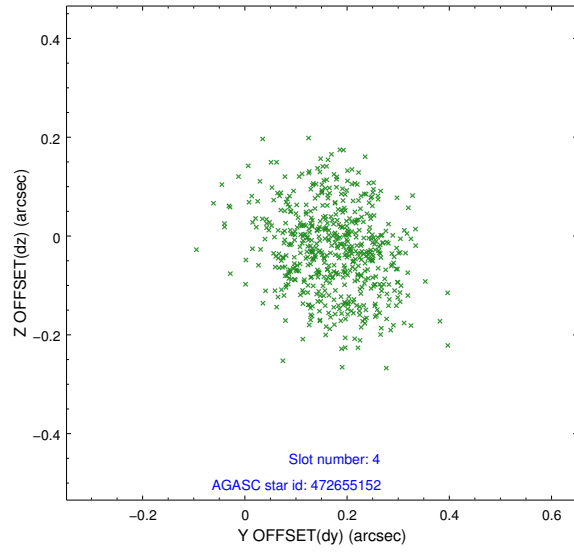
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	289	-0.064	0.029	0.006	0.010	0.000000	0.000000	-769.95	-1300.90
1	FID	HRC-I-2	7.02	289	0.247	-0.161	0.005	0.010	0.000000	0.000000	840.33	-1307.16
2	FID	HRC-I-3	7.07	289	-0.064	0.042	0.005	0.010	0.000000	0.000000	-1195.53	999.16
3	GUIDE	472651904	6.72	578	-0.068	-0.091	0.075	0.109	332.170077	45.742257	668.64	-547.98
4	GUIDE	472655152	9.43	578	0.176	-0.030	0.125	0.197	332.504239	45.862991	-274.27	-519.00
5	GUIDE	472665256	9.00	578	0.113	-0.051	0.092	0.143	332.808125	46.195041	-1519.13	-1197.61
6	GUIDE	472523760	8.26	578	-0.066	0.121	0.069	0.114	331.645363	45.403260	2417.57	-137.56
7	GUIDE	472659736	9.40	577	-0.161	0.053	0.106	0.170	332.848312	46.590160	-2287.85	-2395.13

2.4 Star Slots

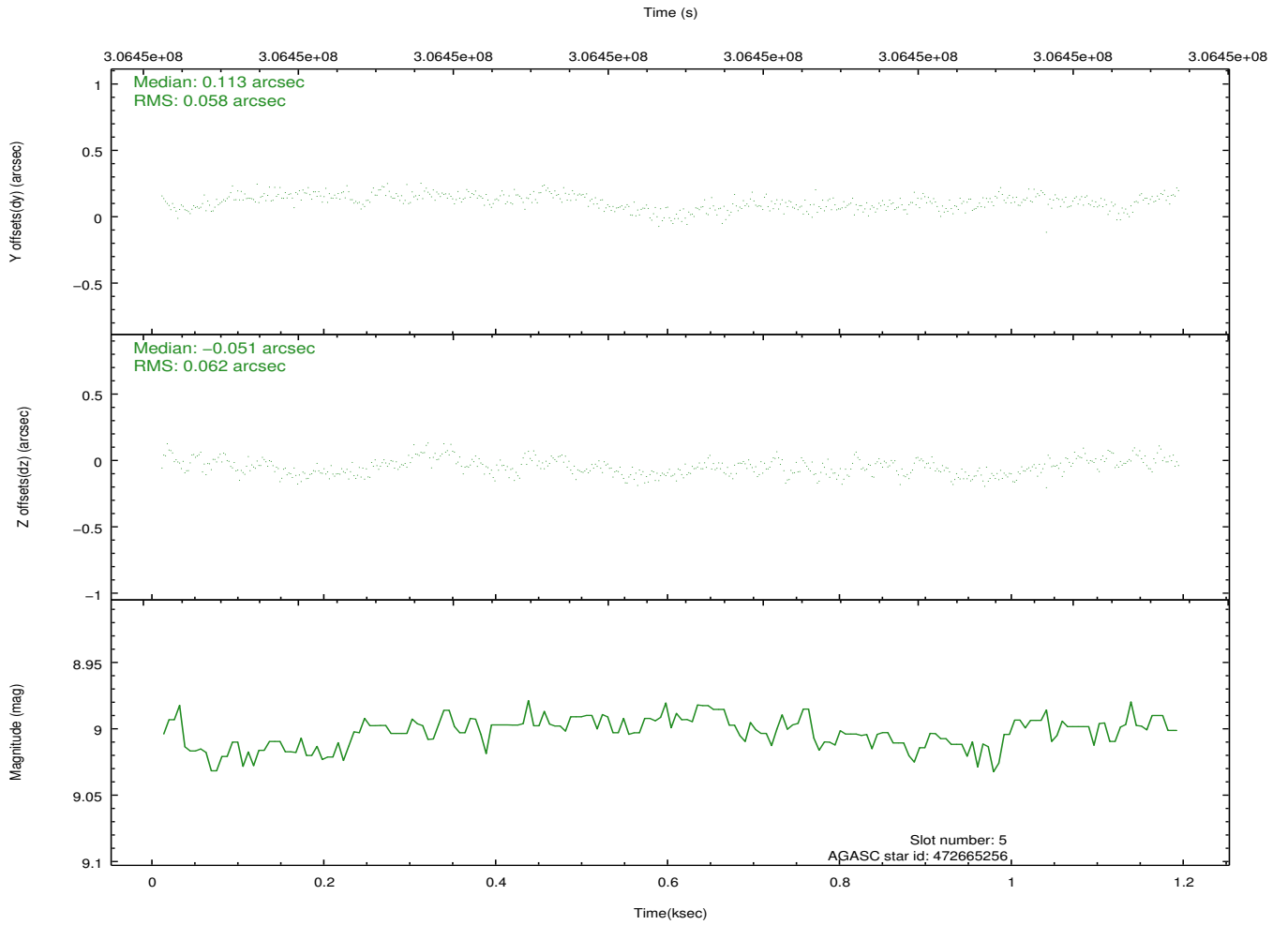
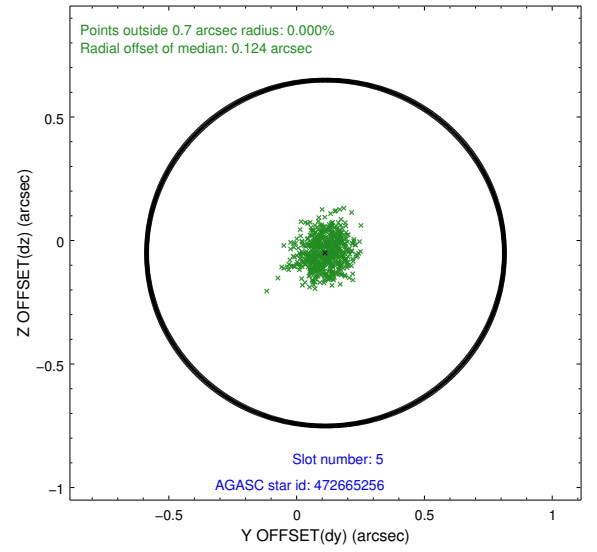
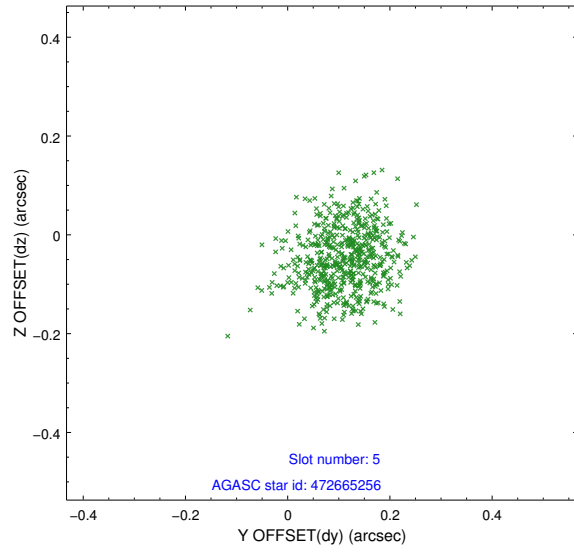
2.4.1 Slot 3



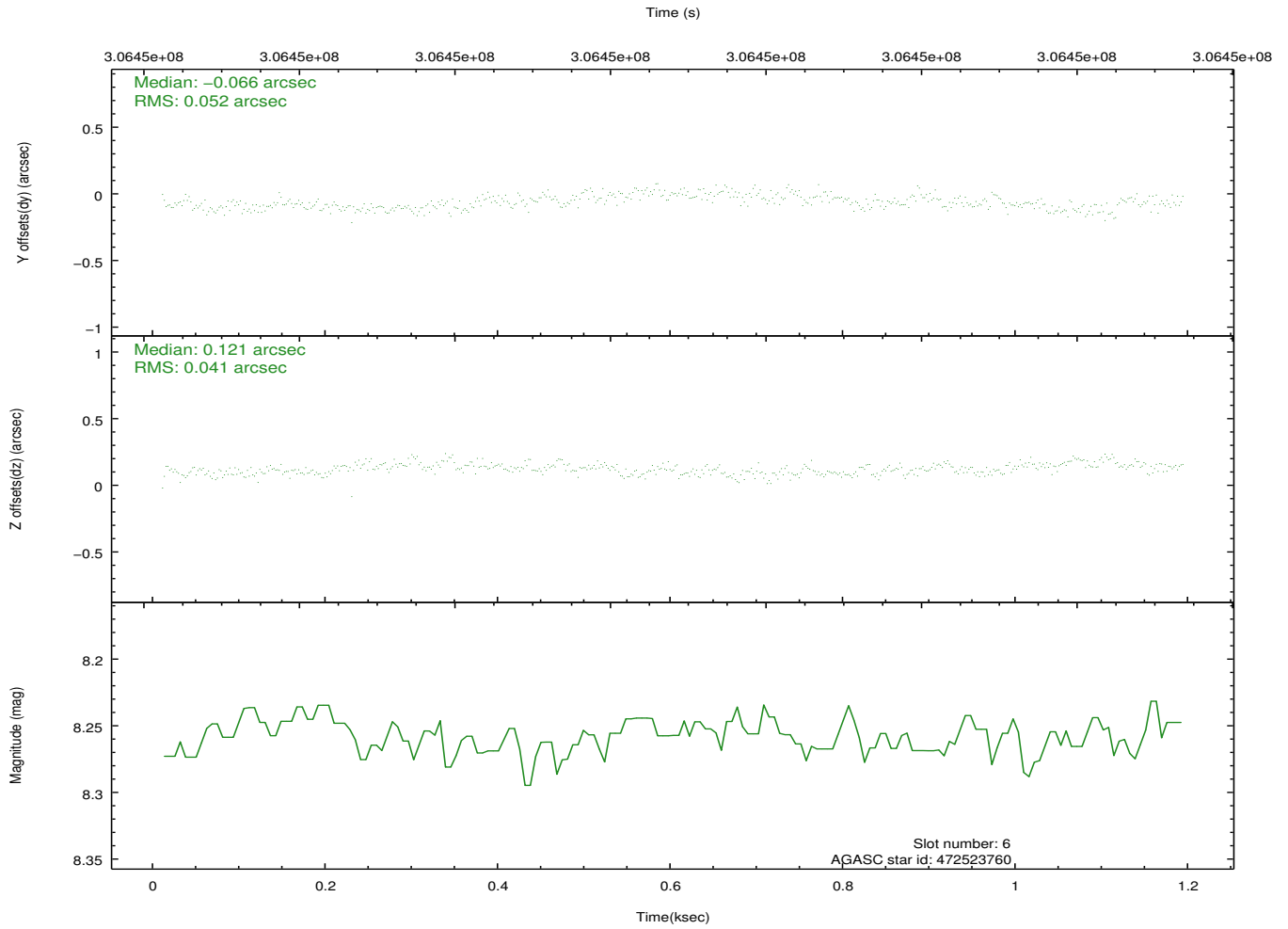
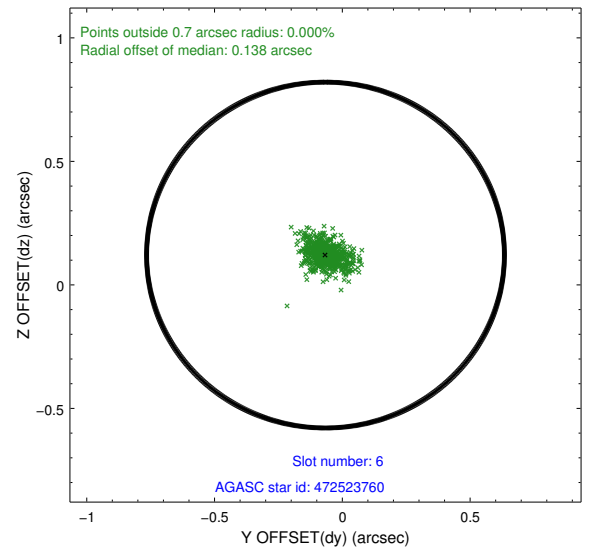
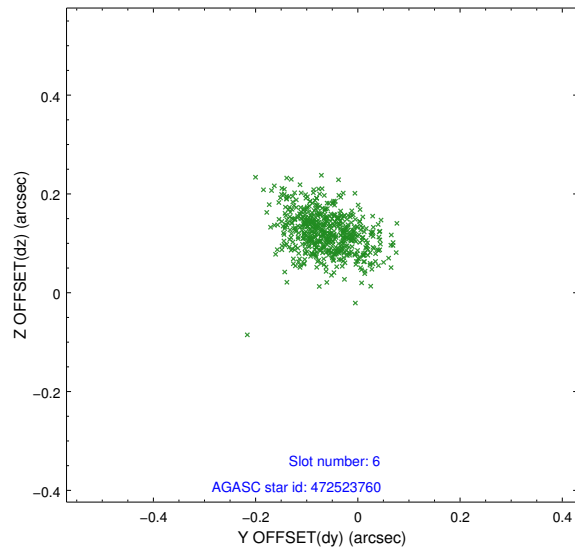
2.4.2 Slot 4



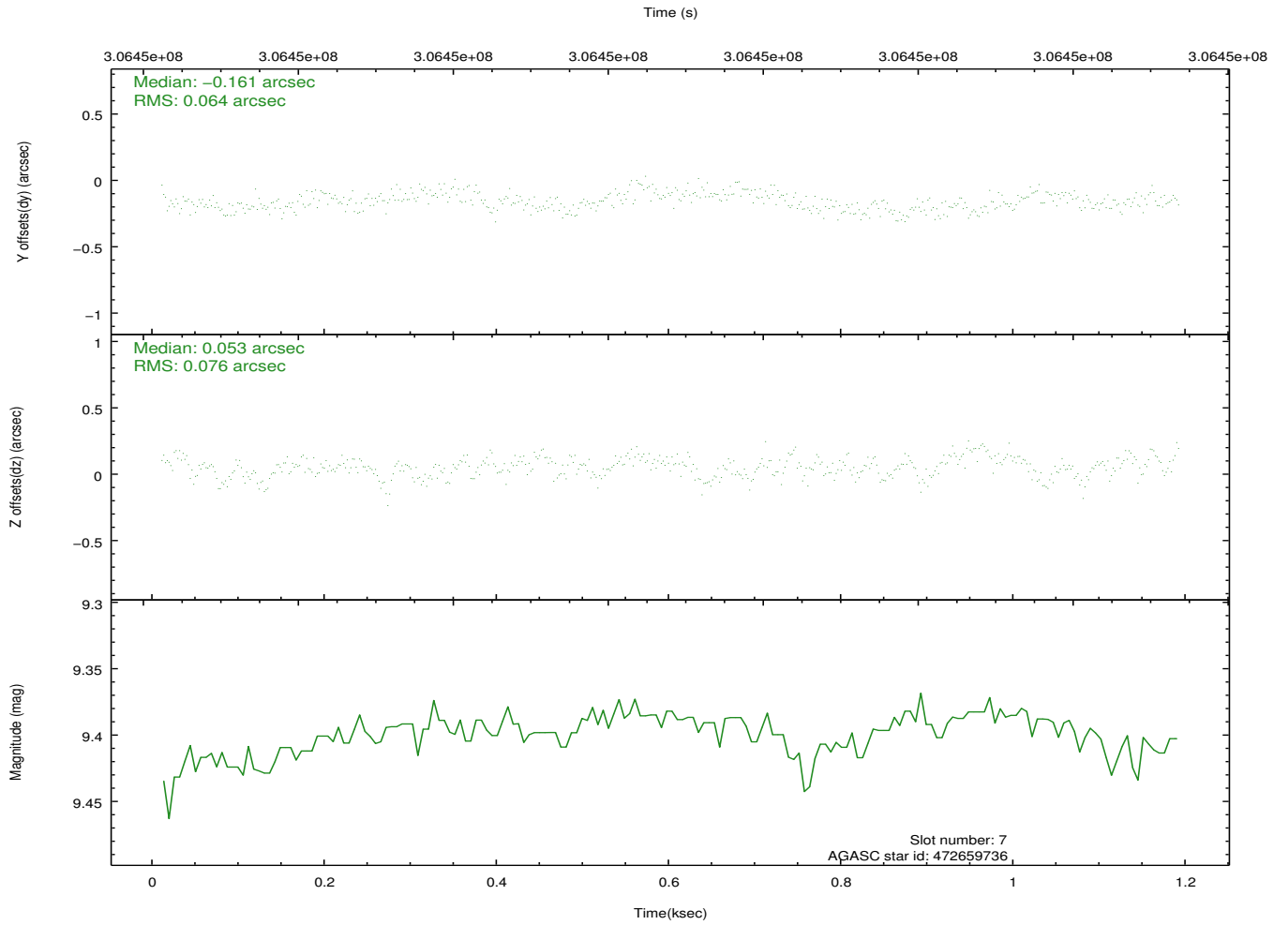
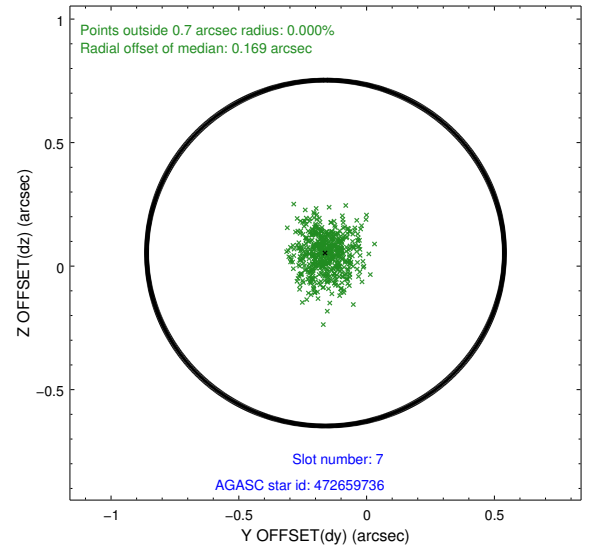
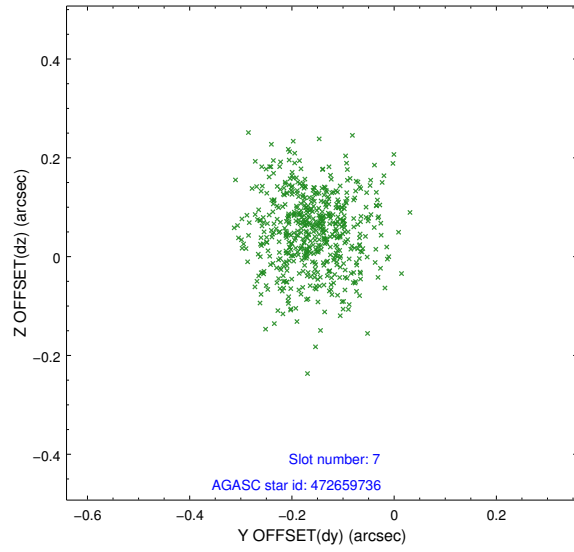
2.4.3 Slot 5



2.4.4 Slot 6

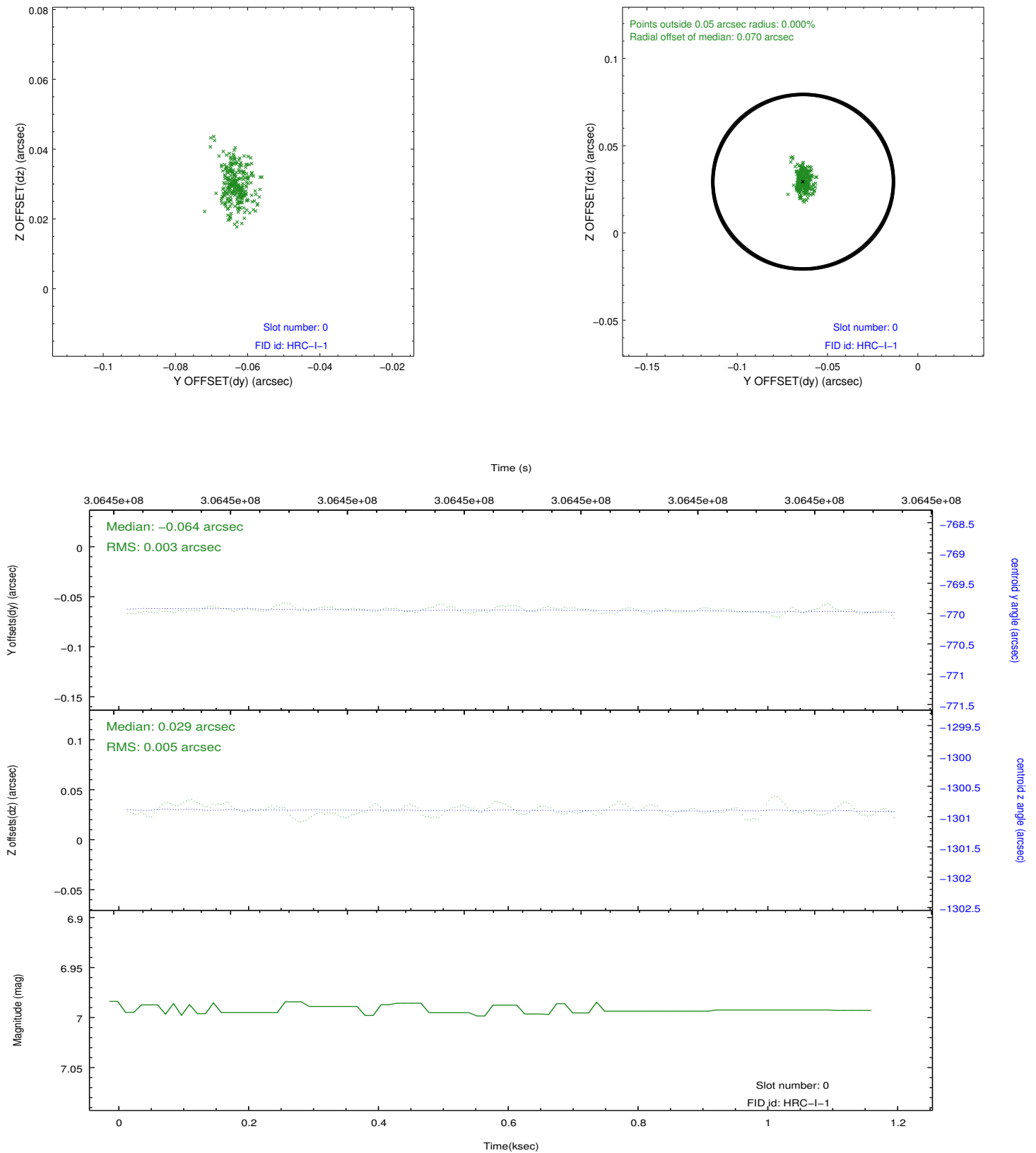


2.4.5 Slot 7

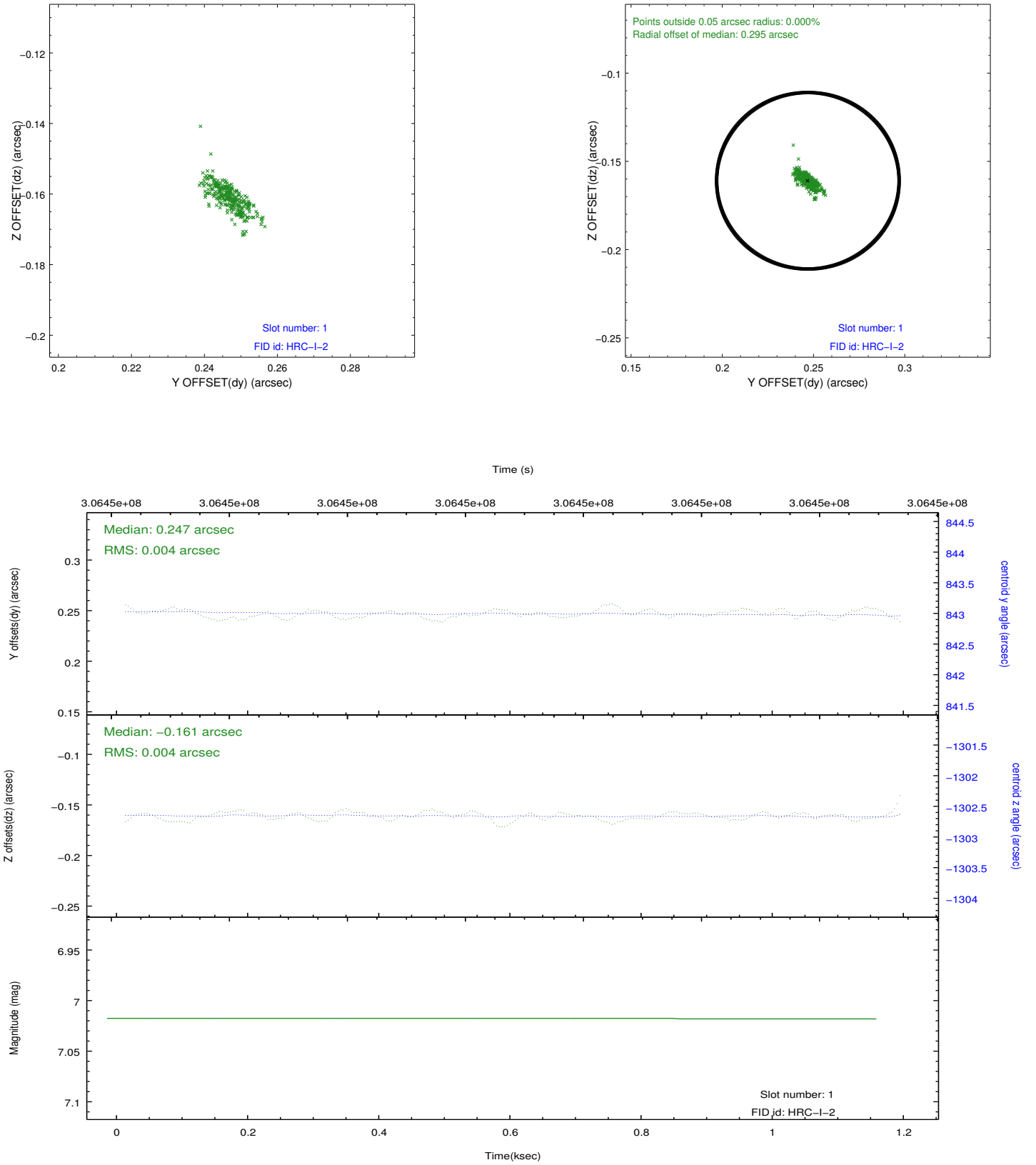


2.5 FID Slots

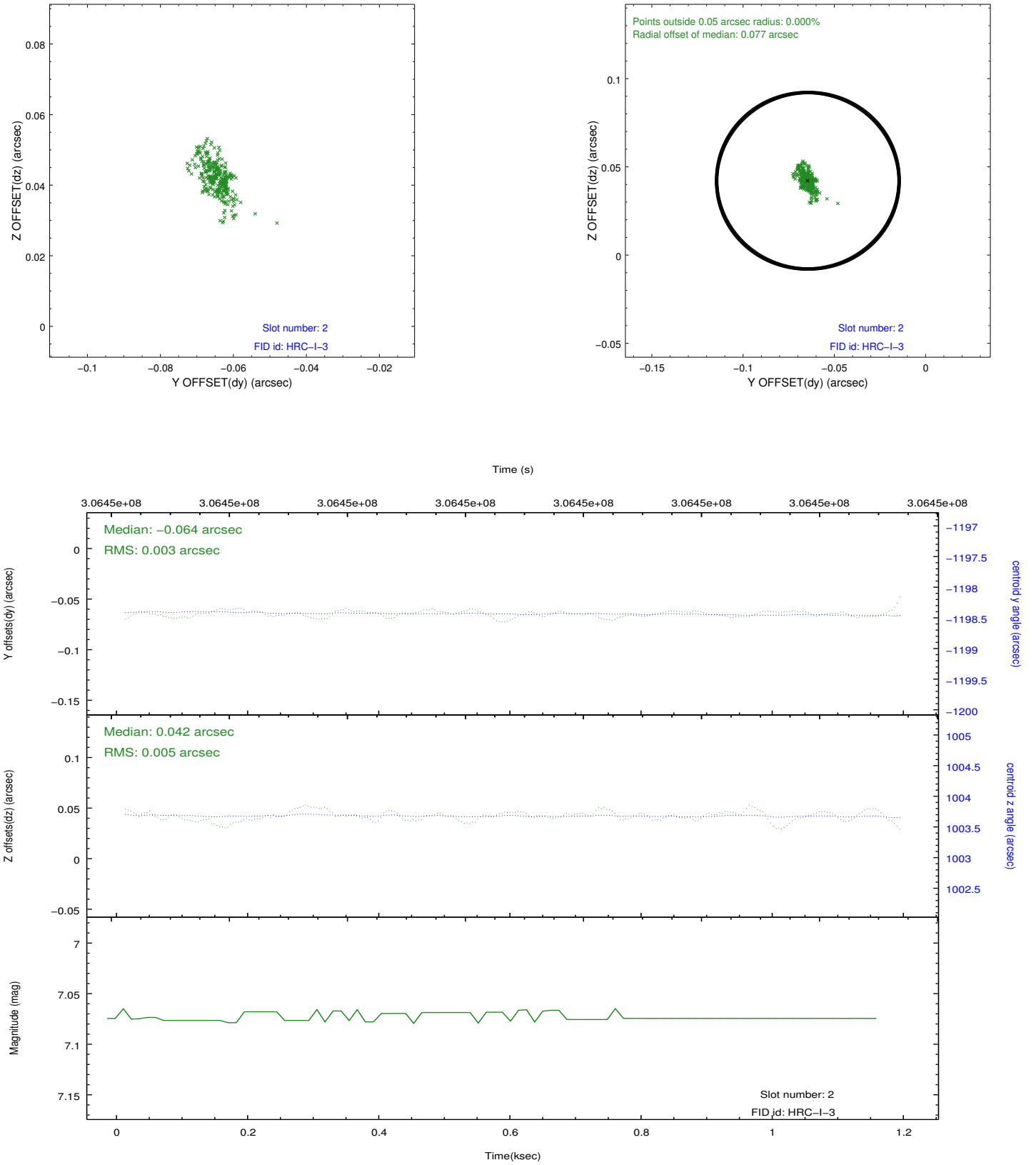
2.5.1 Slot 0



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	1.18182505

A.2 Comments