

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10592 - L2 Version 3
Chandra X-Ray Center

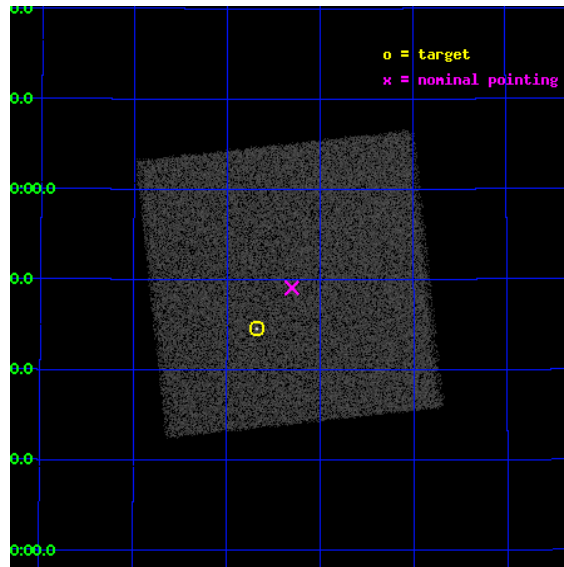
L2 Processing Date : Aug 13 2012

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1 Front

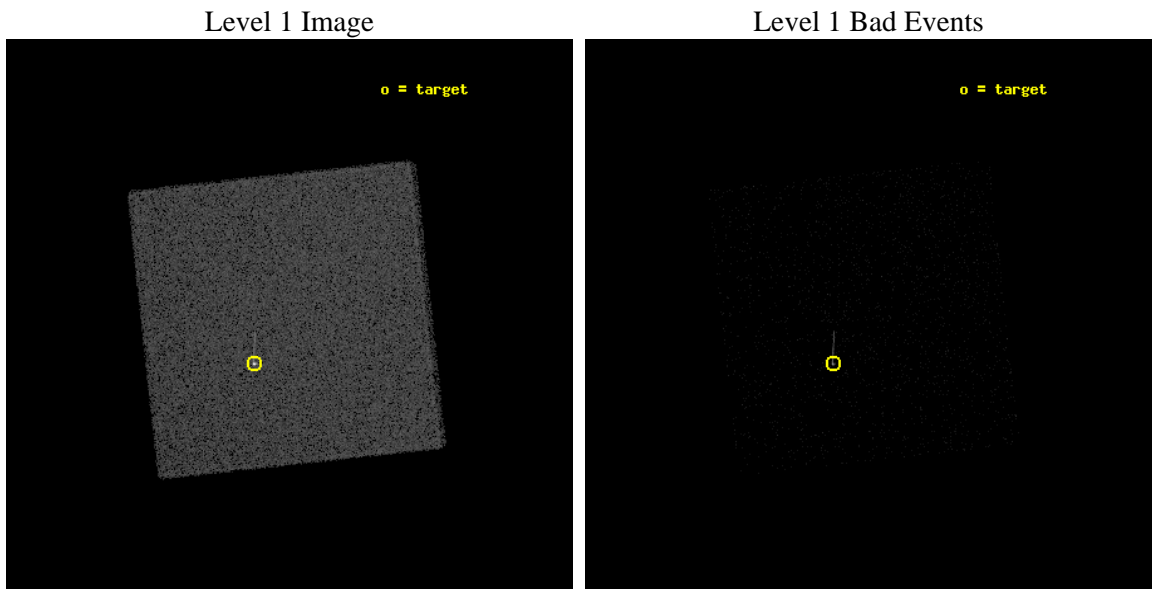
seq_num	290828	Sequence number
obs_id	10592	Observation id
title	AO-10 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.07580505465	Nominal RA [deg]
dec_nom	45.818299888986	Nominal Dec [deg]
roll_nom	218.78105189766	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1185.925059557	[s]
livetime	1171.0649937719	Ontime multiplied by DTCOR
l2events	95056	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	1185.925059557	[s]
caldsver	4.5.1.1	 	l1events	173383	Number of level 1 events
date	2012-08-13T14:43:40	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

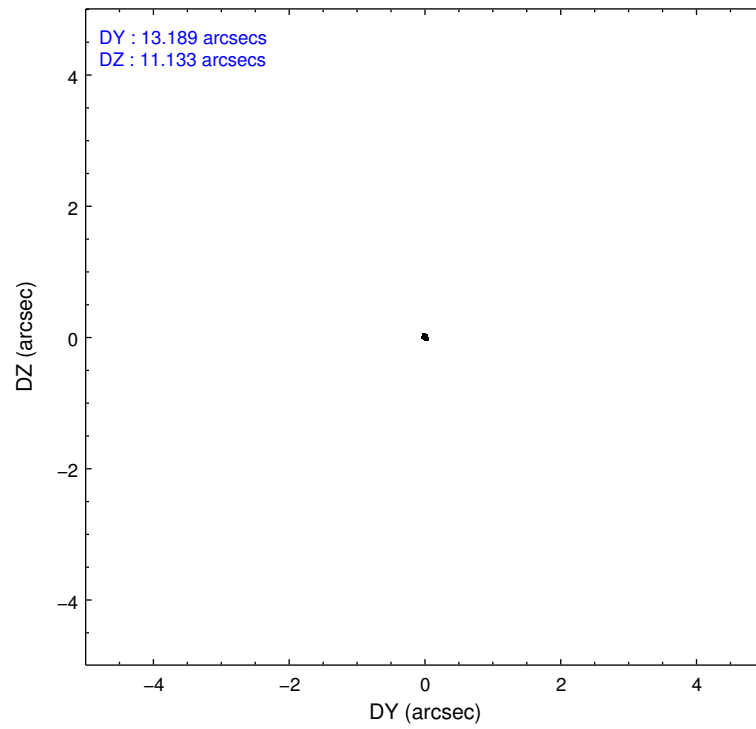
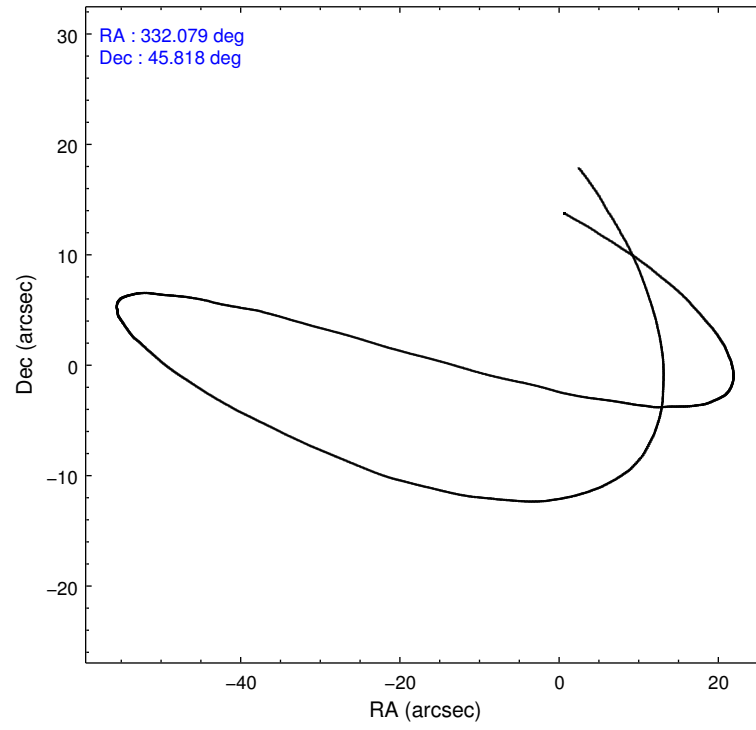
Level 1 Events

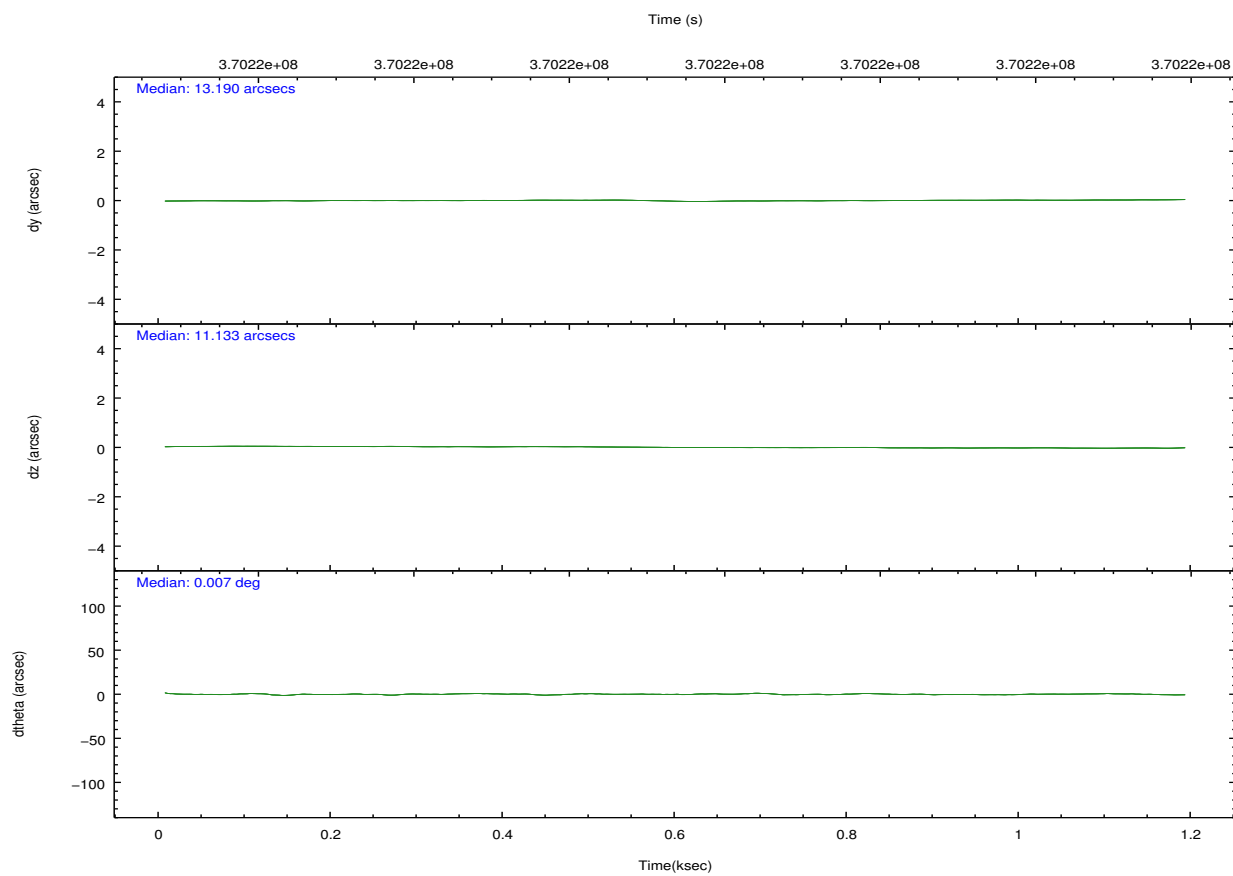
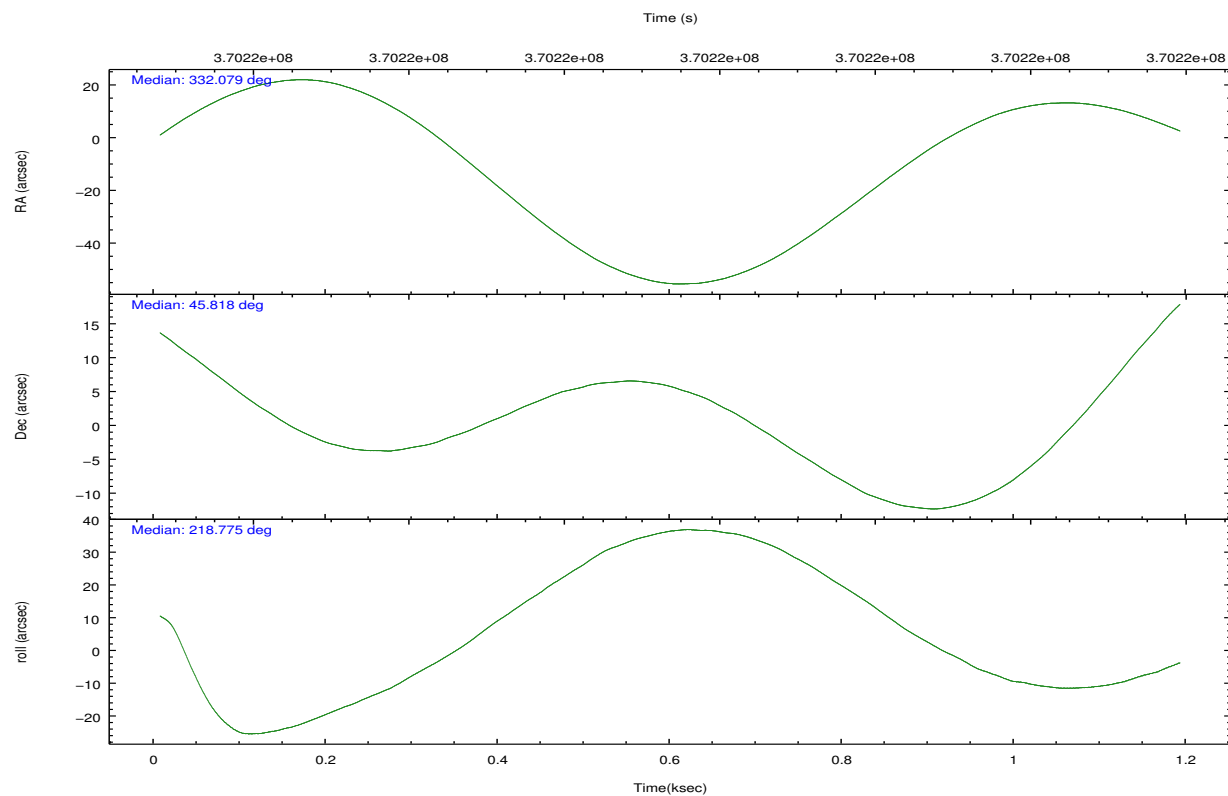
	segment 0
level 1 events	173383
rejected events	37235
rejected %	21%

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	332.087571	332.0758050546493			
[deg] Pointing Dec	45.844523	45.81829988898642			
[deg] Pointing Roll	218.868043	218.7810518976603			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9804656746847			
[mm] SIM translation stage offset	0	0.005023216916882234			
[s] Observation start time (MET)	370219939.184000	370219563.00967			
Observation start date	2009-09-24T22:51:13	2009-09-24T22:46:03			
[s] Observation end time (MET)	370220939.184000	370221073.34724			
Observation end date	2009-09-24T23:07:53	2009-09-24T23:11:13			

2.3 Aspect



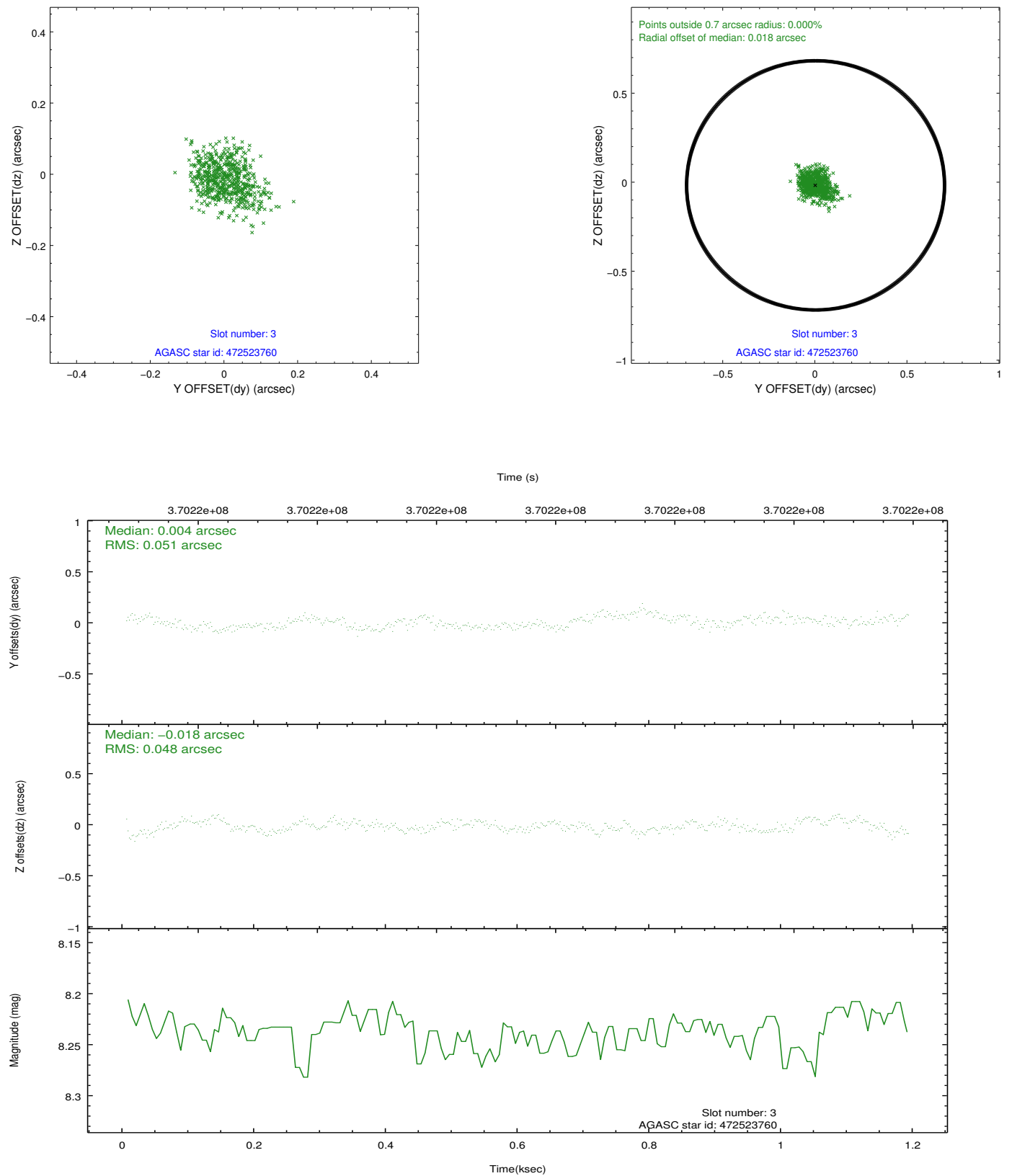


Slot Statistics

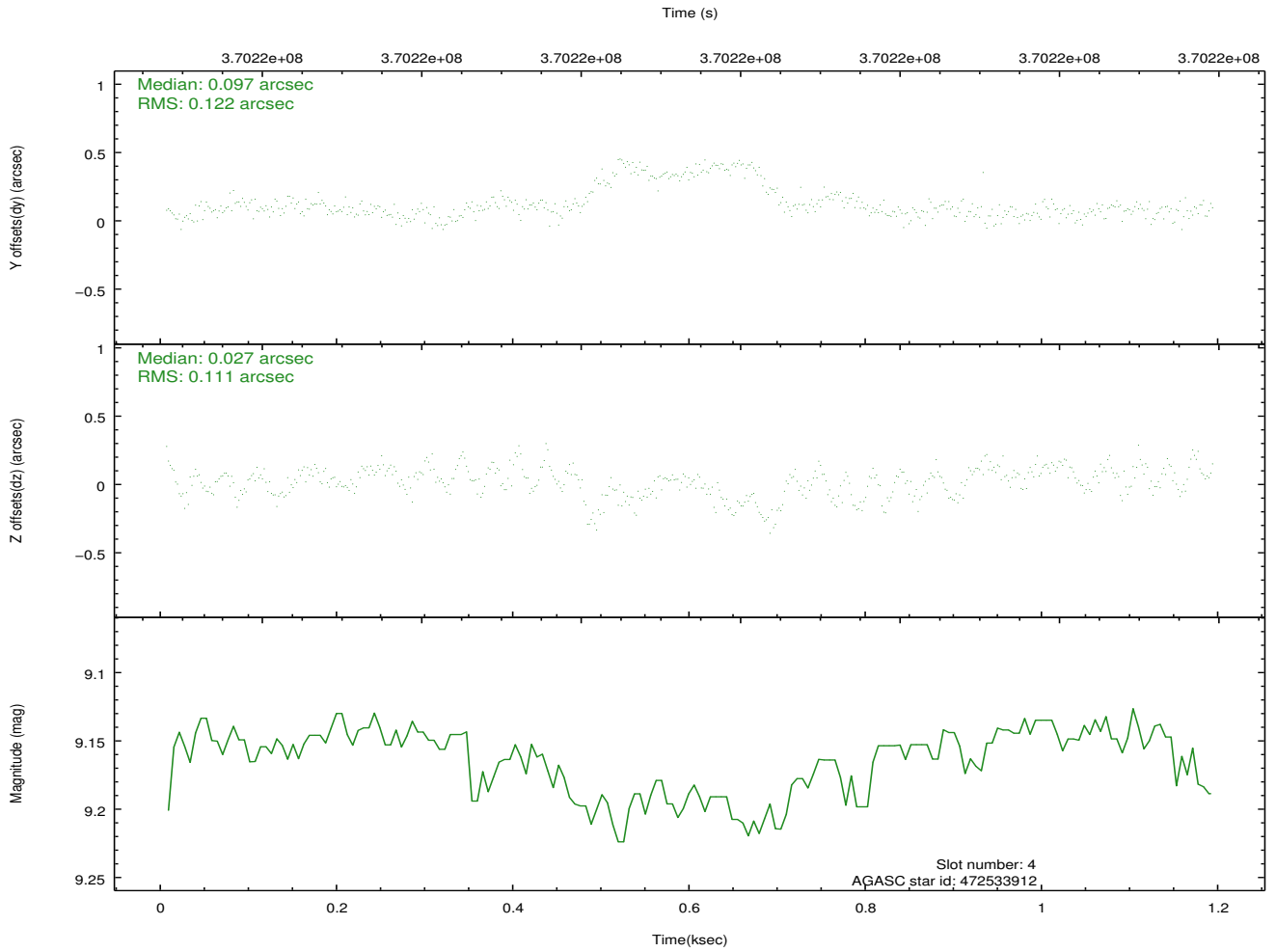
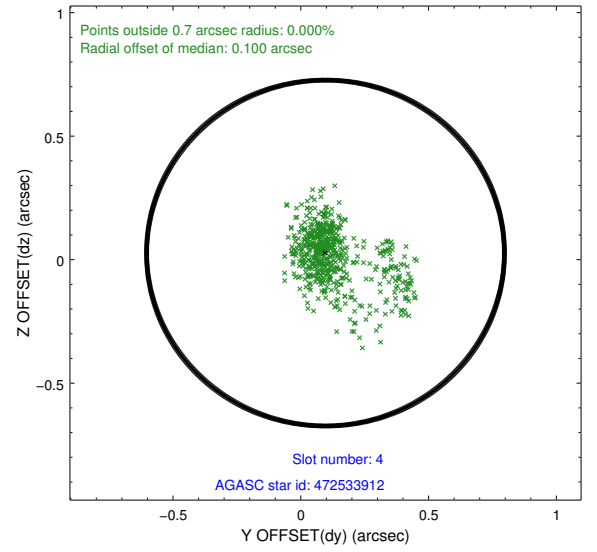
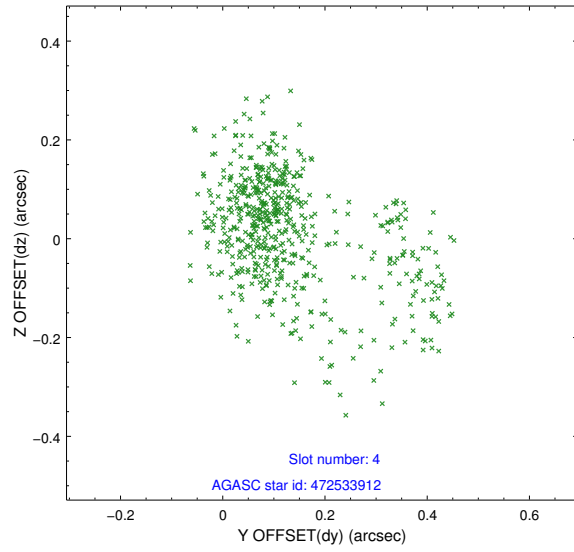
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	290	-0.080	0.001	0.006	0.011	0.000000	0.000000	-769.00	-1299.07
1	FID	HRC-I-2	7.02	290	0.231	-0.118	0.007	0.012	0.000000	0.000000	841.29	-1305.21
2	FID	HRC-I-3	7.07	290	-0.032	0.028	0.006	0.012	0.000000	0.000000	-1194.58	1001.01
3	GUIDE	472523760	8.24	578	0.004	-0.018	0.075	0.118	331.645363	45.403260	1867.15	529.28
4	GUIDE	472533912	9.16	580	0.097	0.027	0.149	0.345	331.791136	46.368695	-606.31	-1935.35
5	GUIDE	472535576	7.88	580	-0.224	0.147	0.068	0.111	331.438373	46.291802	243.59	-2279.23
6	GUIDE	472655152	9.43	580	0.008	-0.026	0.128	0.224	332.504239	45.862991	-854.46	593.86
7	GUIDE	472665256	9.02	577	0.100	-0.114	0.083	0.140	332.808125	46.195041	-2194.52	134.88

2.4 Star Slots

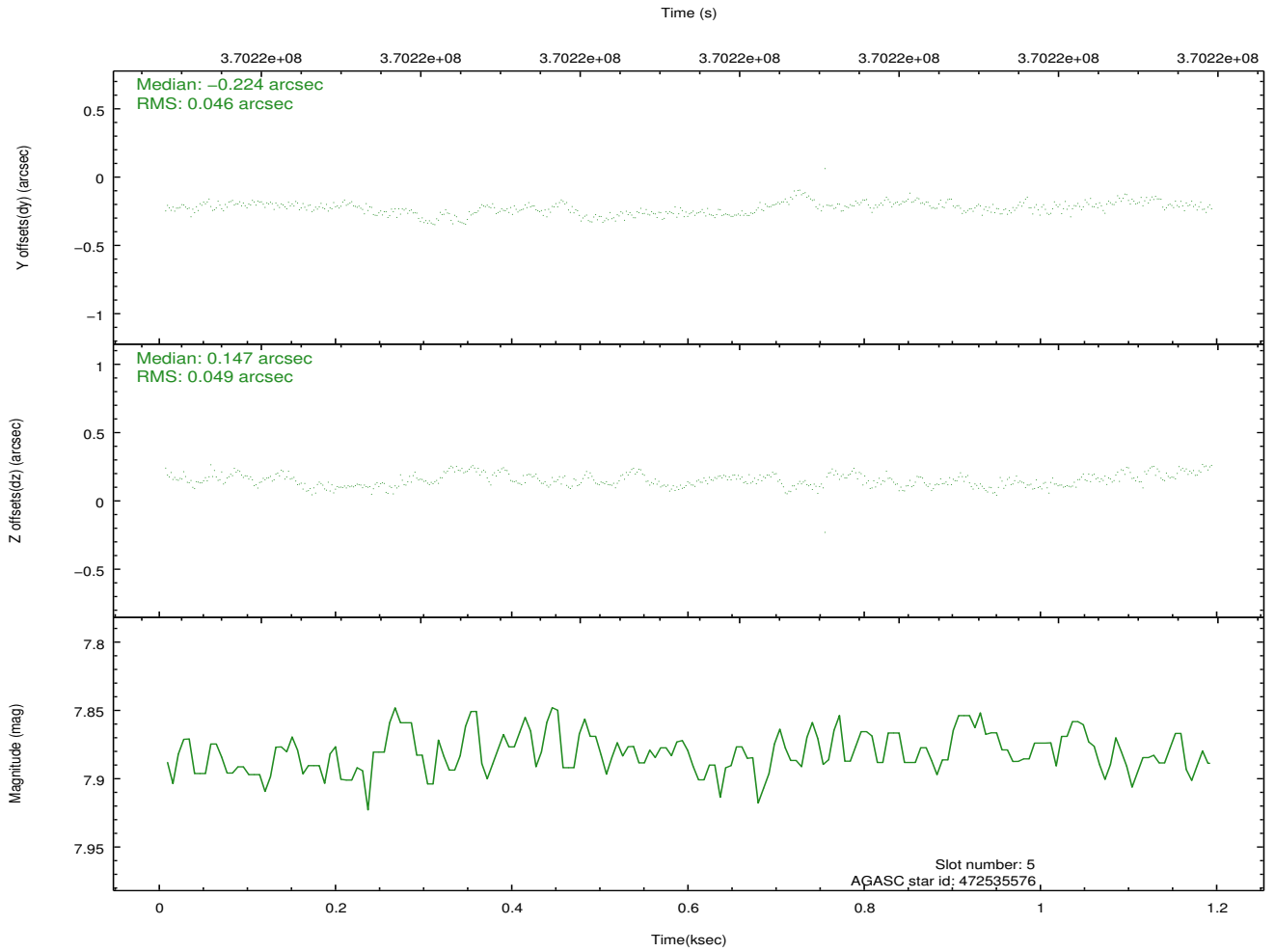
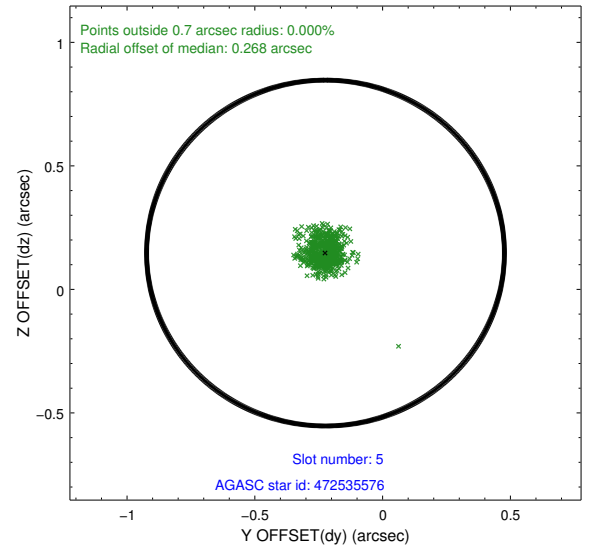
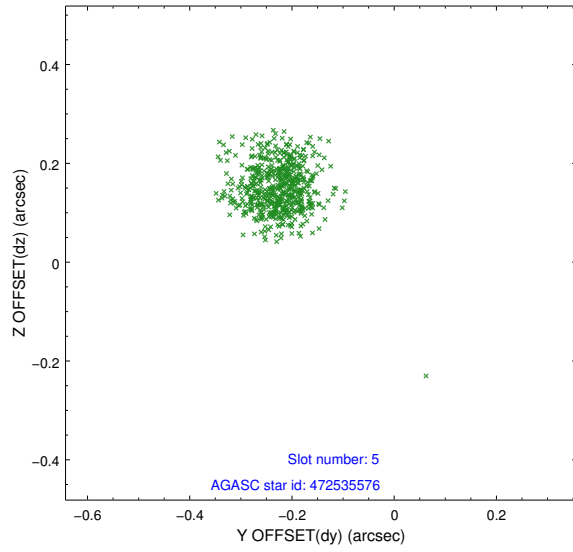
2.4.1 Slot 3



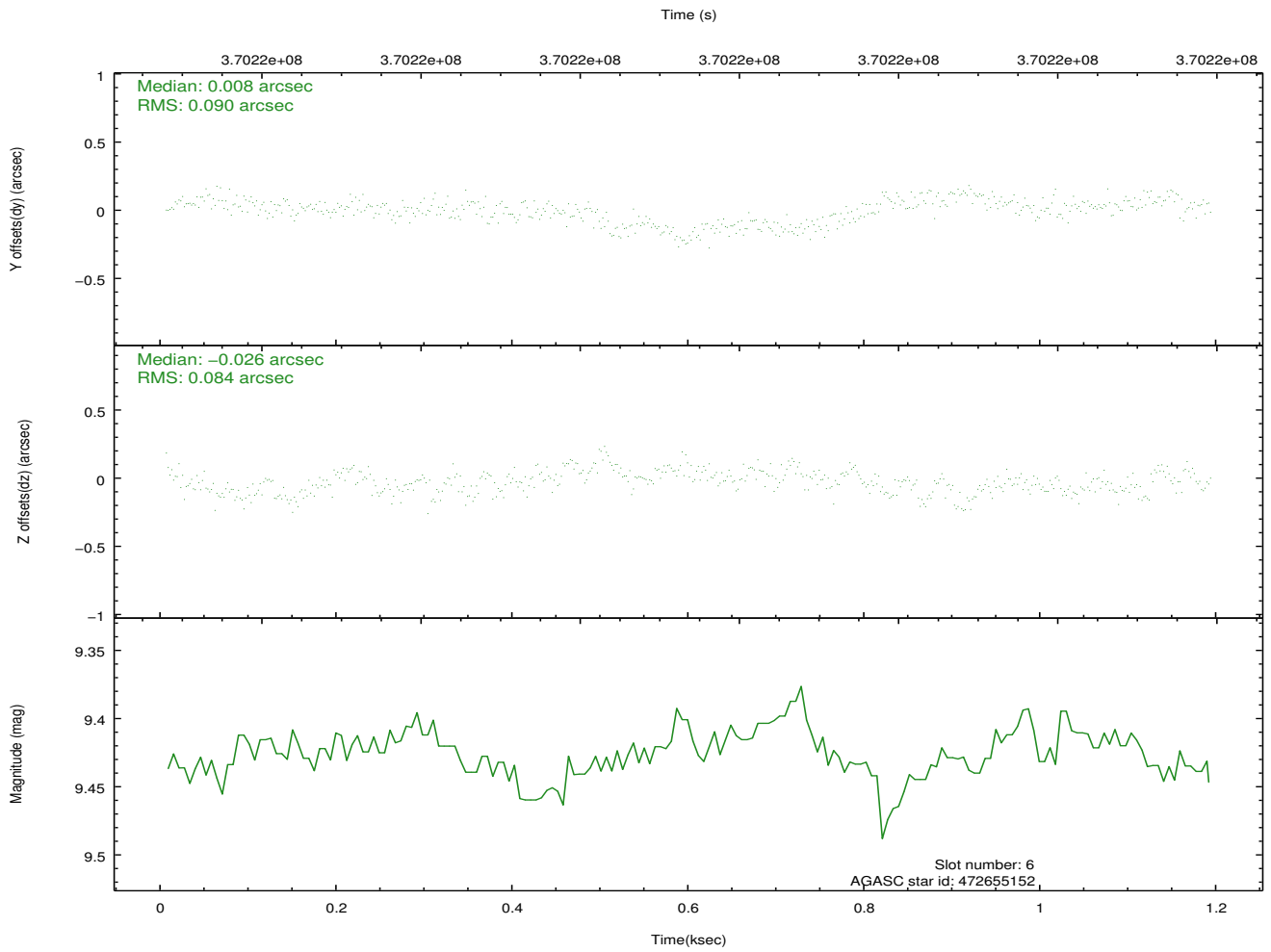
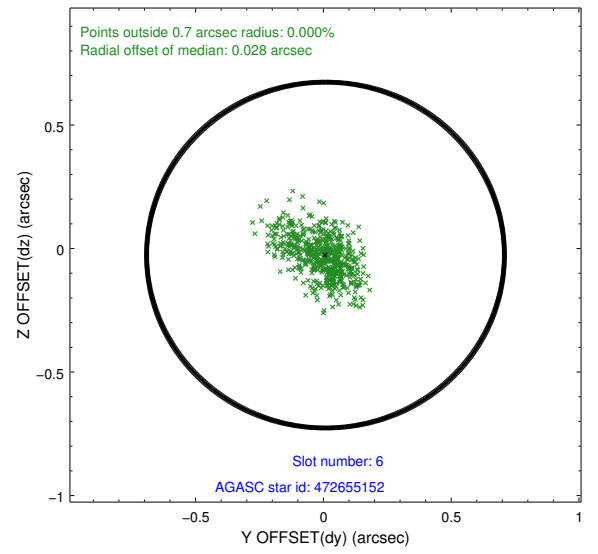
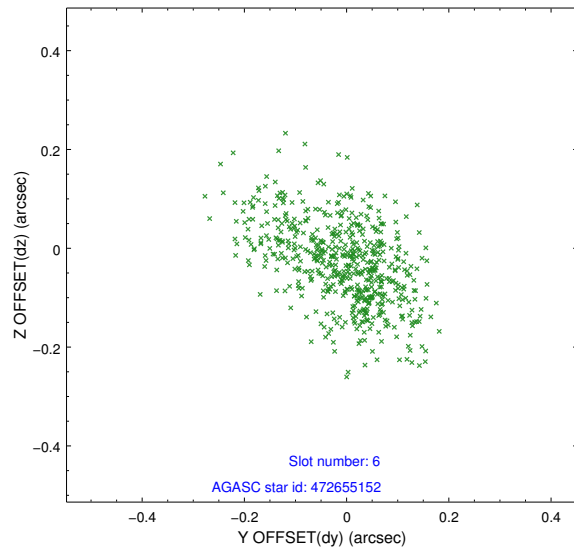
2.4.2 Slot 4



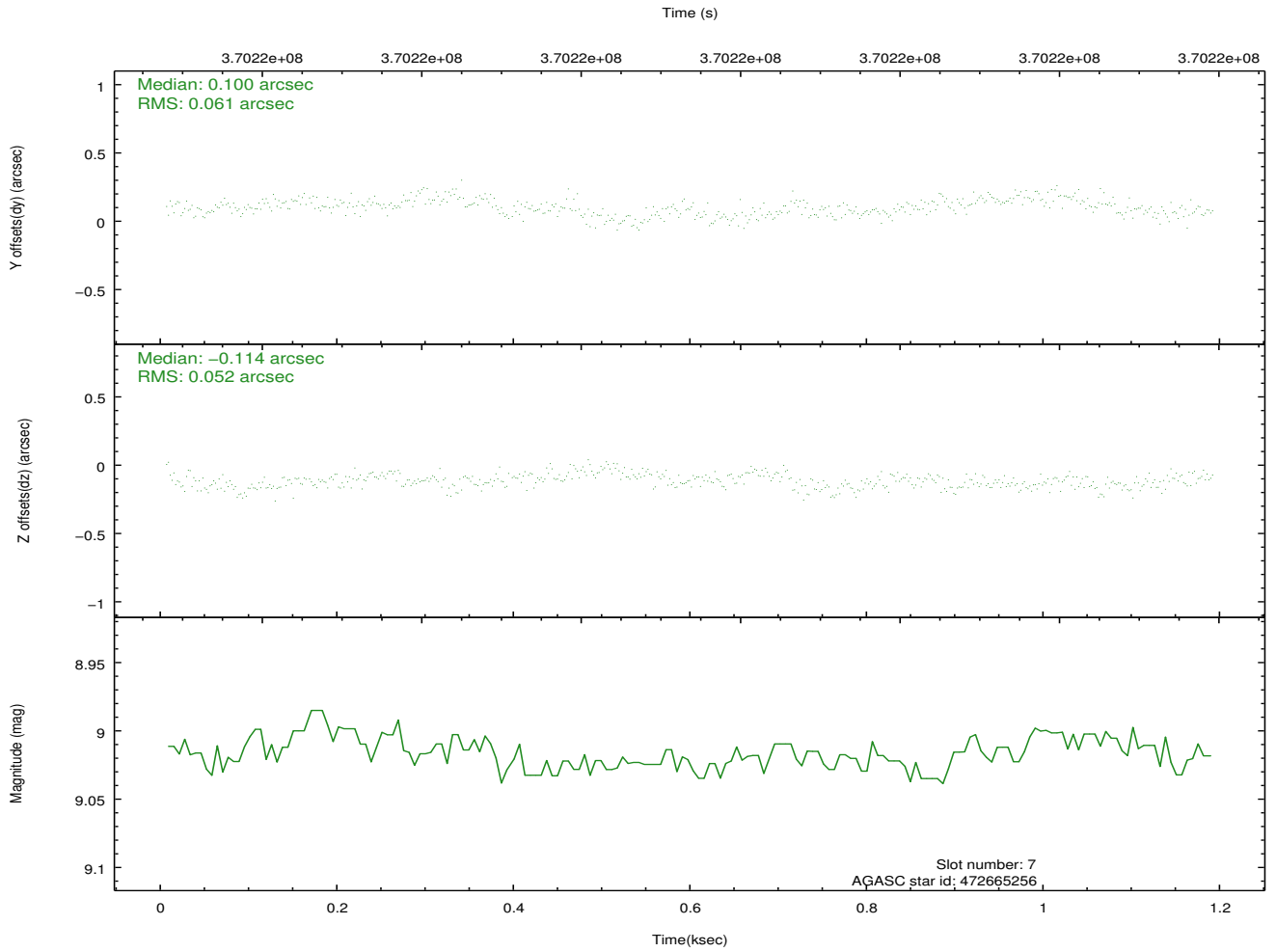
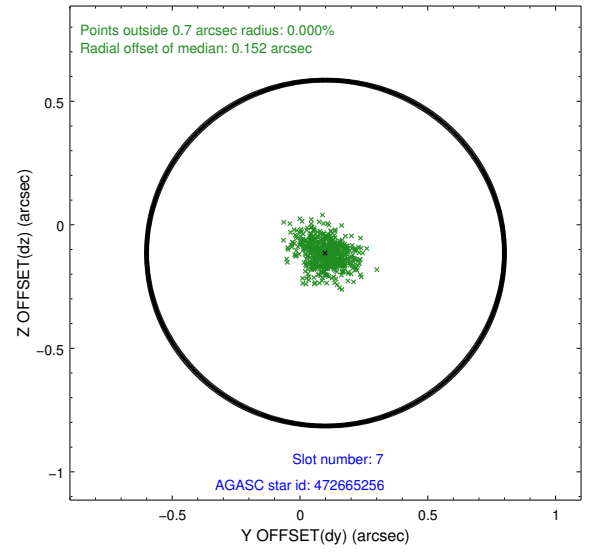
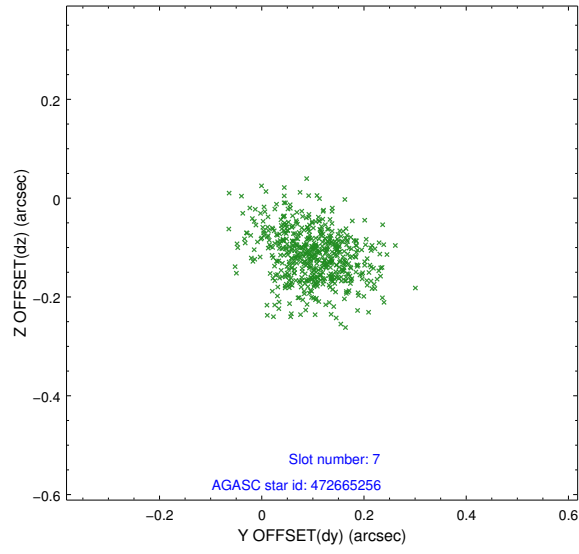
2.4.3 Slot 5



2.4.4 Slot 6

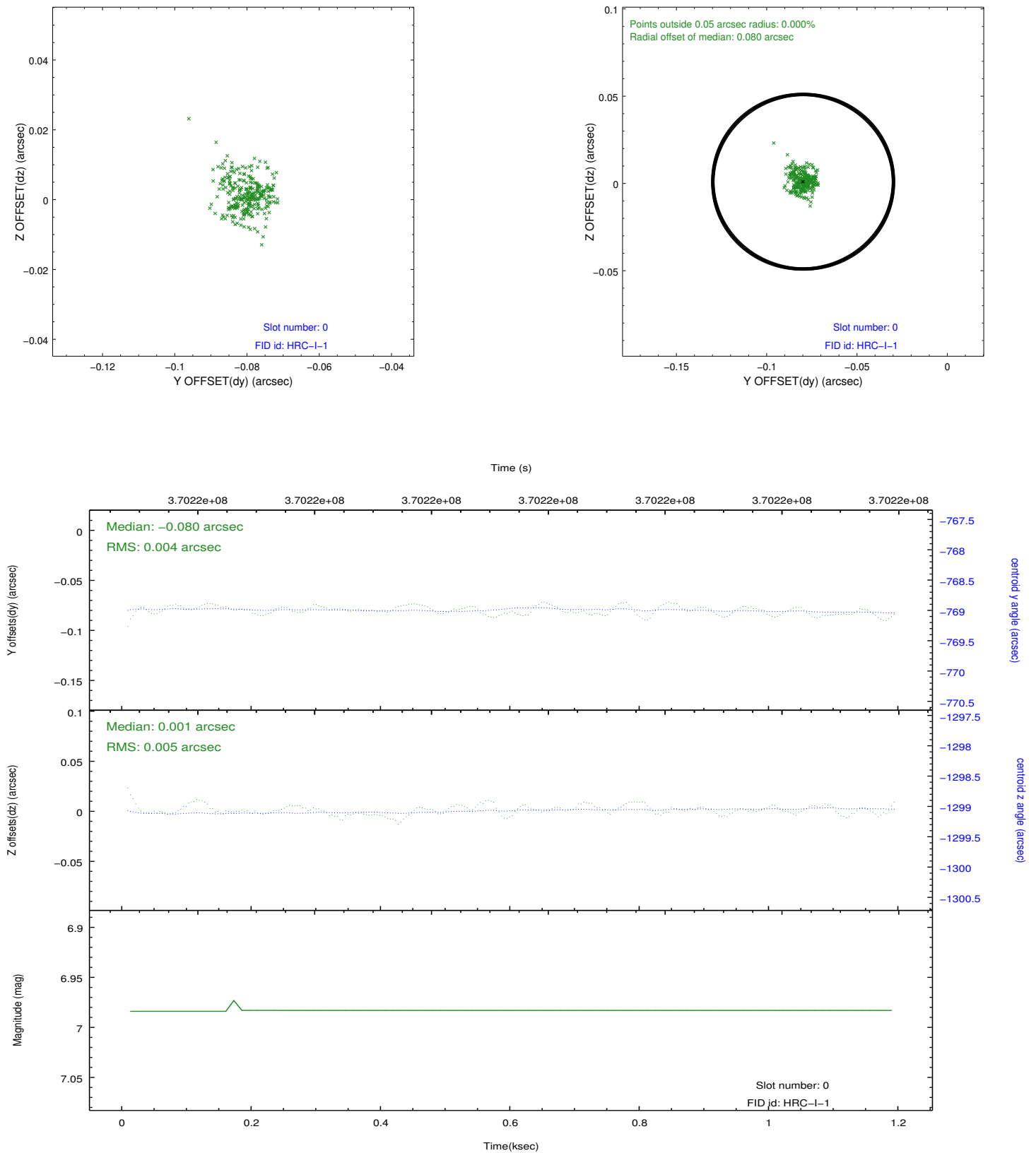


2.4.5 Slot 7

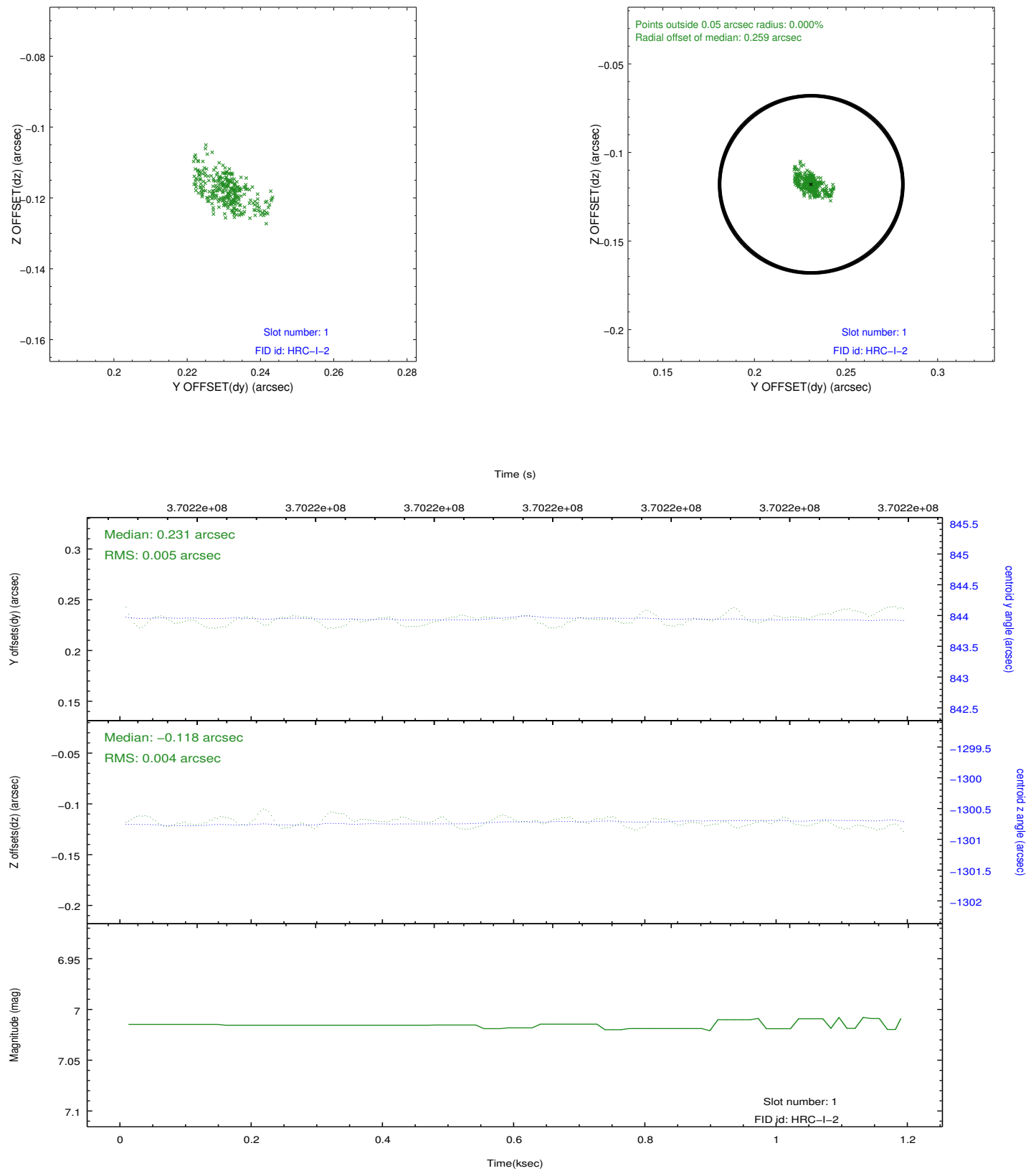


2.5 FID Slots

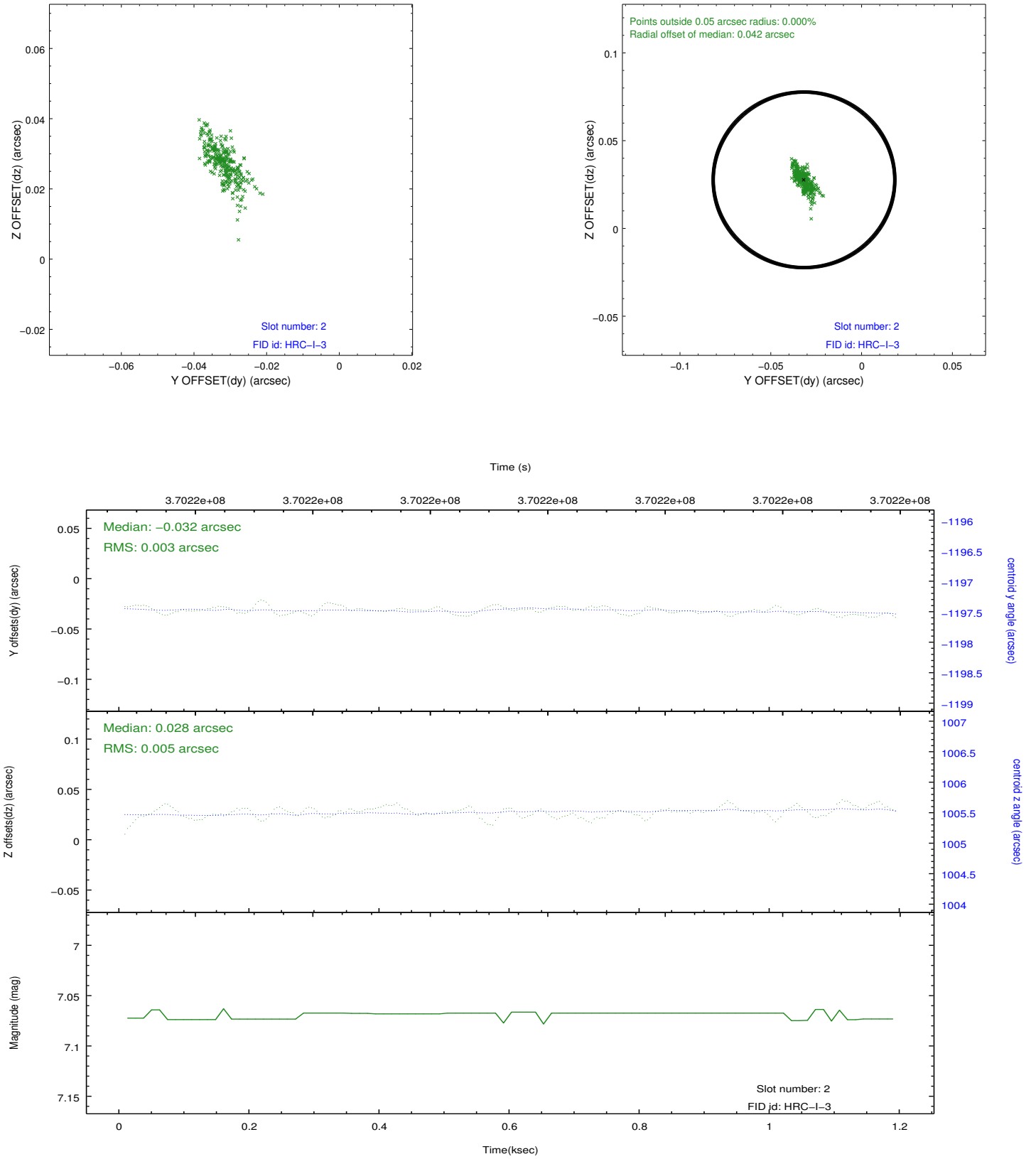
2.5.1 Slot 0



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)	2012.08.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.185925059557

A.2 Comments