

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2595 - L2 Version 4
Chandra X-Ray Center

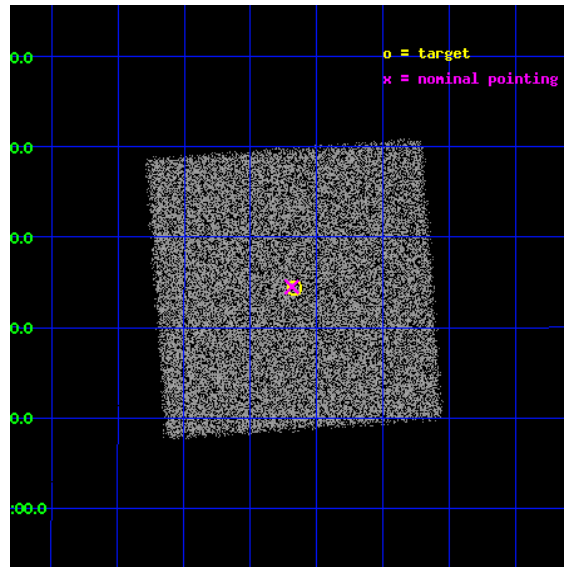
L2 Processing Date : Sep 28 2012

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1 Front

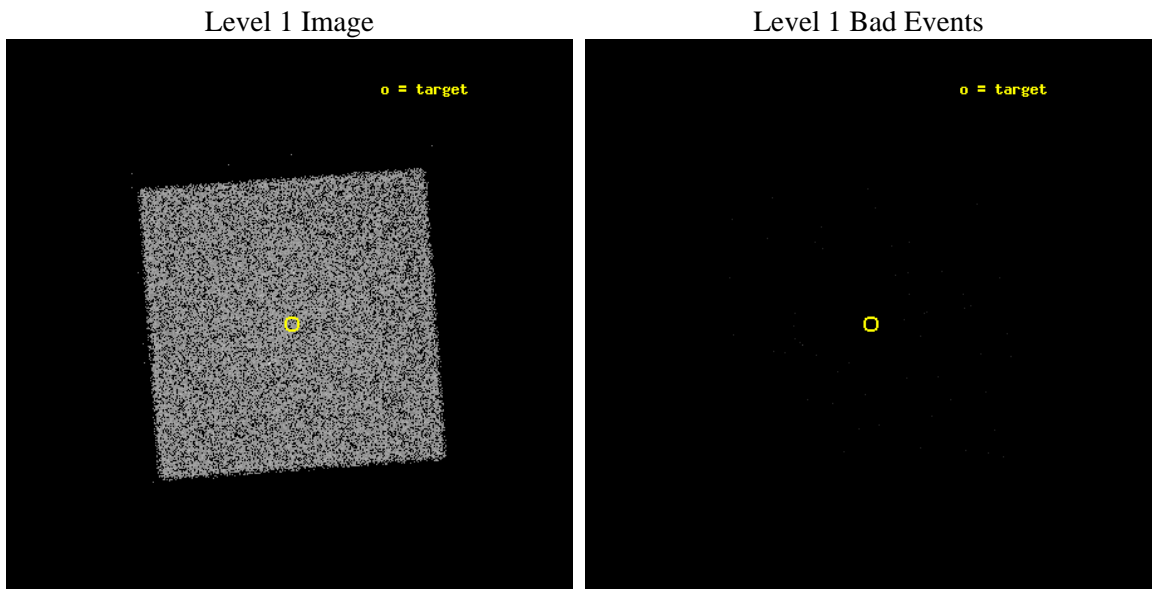
seq_num	290151	Sequence number
obs_id	2595	Observation id
title	AO3 CALIBRATION OBSERVATIONS OF BETELGEUSE	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	BETELGEUSE	Source name
ra_targ	88.792917	Observer's specified target RA [deg]
dec_targ	7.407056	Observer's specified target Dec [deg]
ra_nom	88.796823640079	Nominal RA [deg]
dec_nom	7.4085618109428	Nominal Dec [deg]
roll_nom	40.919158274758	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1894.456325829	[s]
livetime	1884.9975607725	Ontime multiplied by DTCOR
l2events	47785	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	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1894.456325829	[s]
caldbver	4.5.2	 	l1events	81937	Number of level 1 events
date	2012-09-28T22:06:16	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

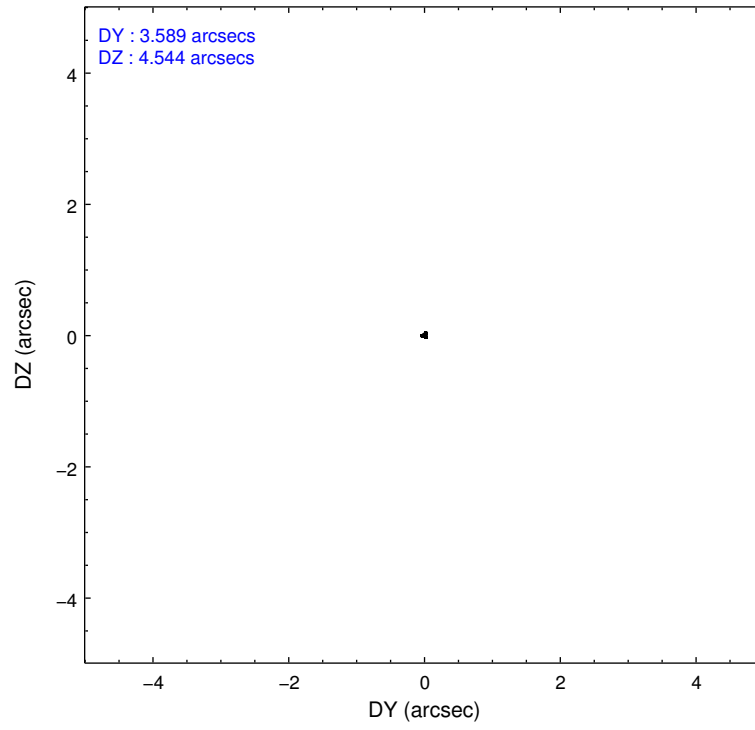
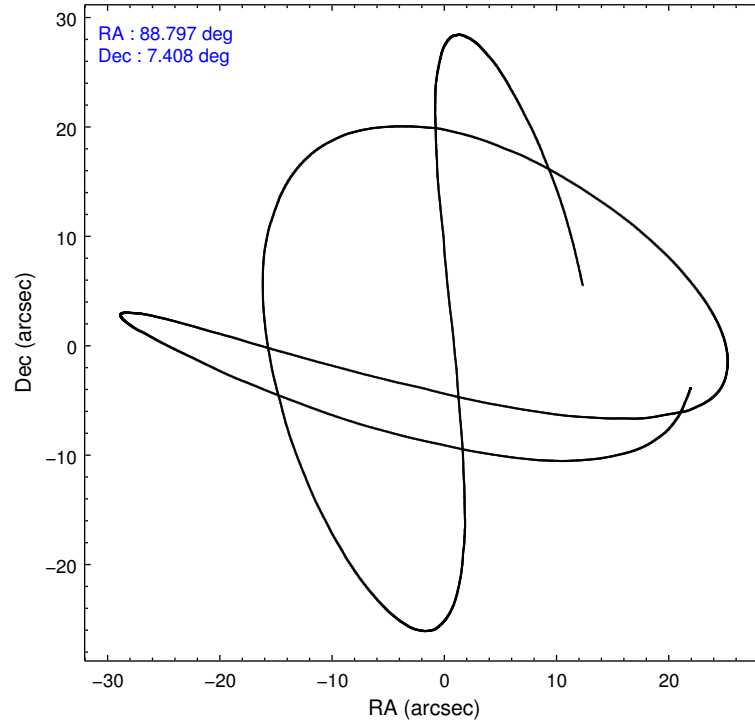
	segment 0
level 1 events	81937
rejected events	10428
rejected %	12%

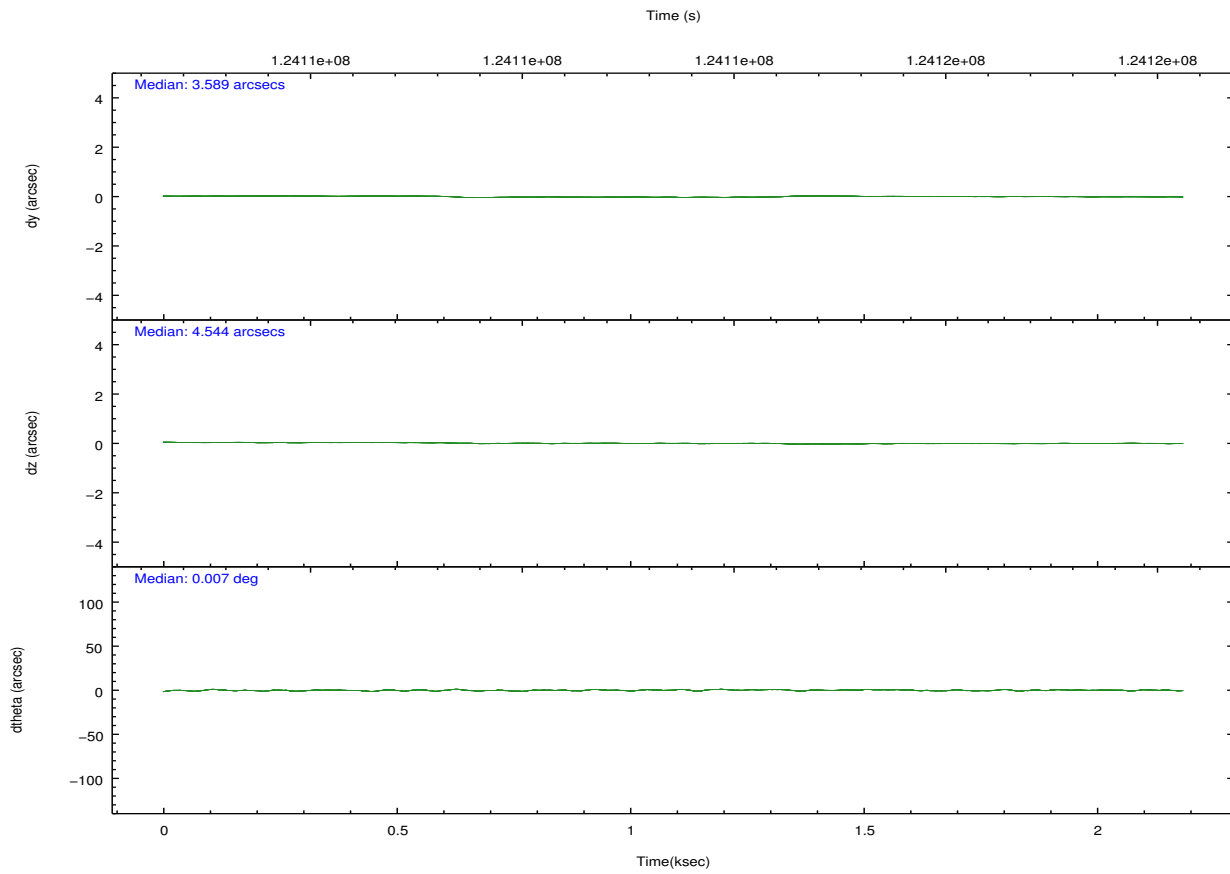
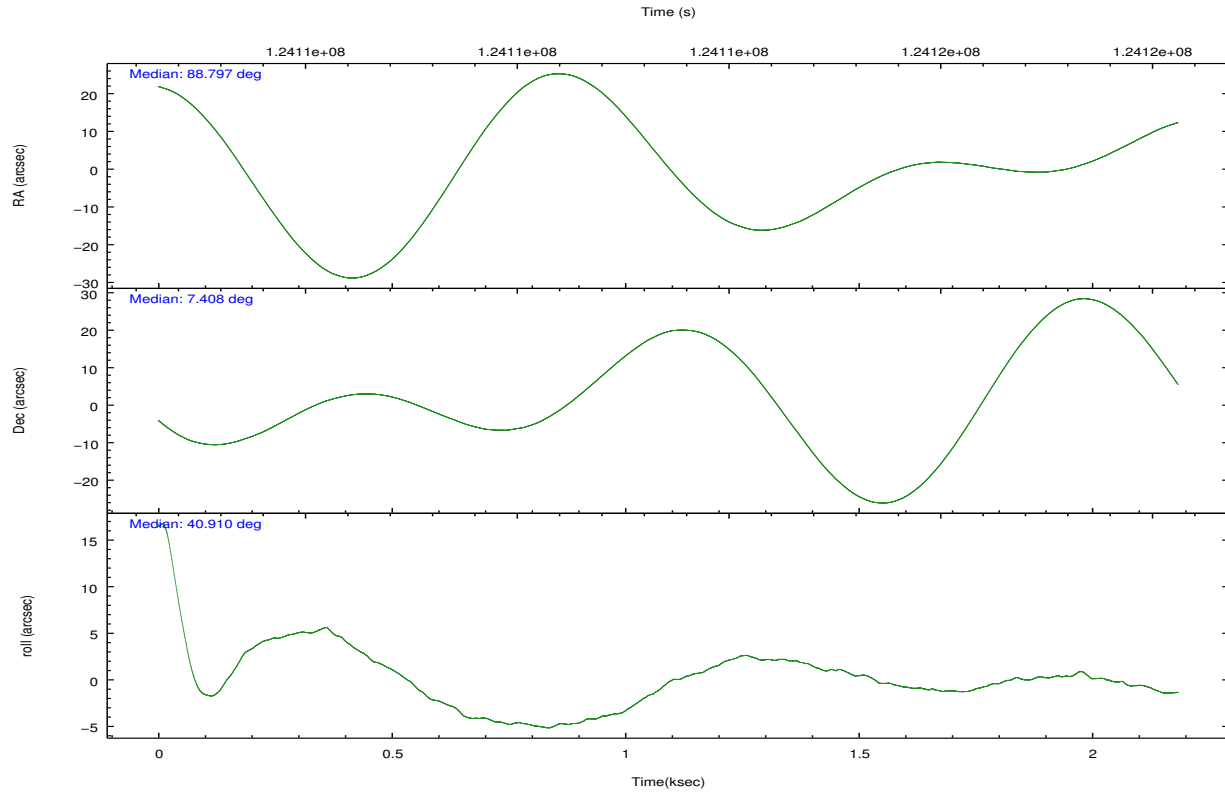
2.2 Compared Parameters

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	88.788583	88.79682364007873
[deg] Pointing Dec	7.382548	7.408561810942828
[deg] Pointing Roll	41.015680	40.91915827475766
[s] Window start time (MET)	123552064.184000	123552064.184000
[s] Window stop time (MET)	126144064.184000	126144064.184000
[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)	124113448.184000	124113035.52698
Observation start date	2001-12-07T11:56:24	2001-12-07T11:50:35
[s] Observation end time (MET)	124115448.184000	124115662.08959
Observation end date	2001-12-07T12:29:44	2001-12-07T12:34:22

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

2.3 Aspect



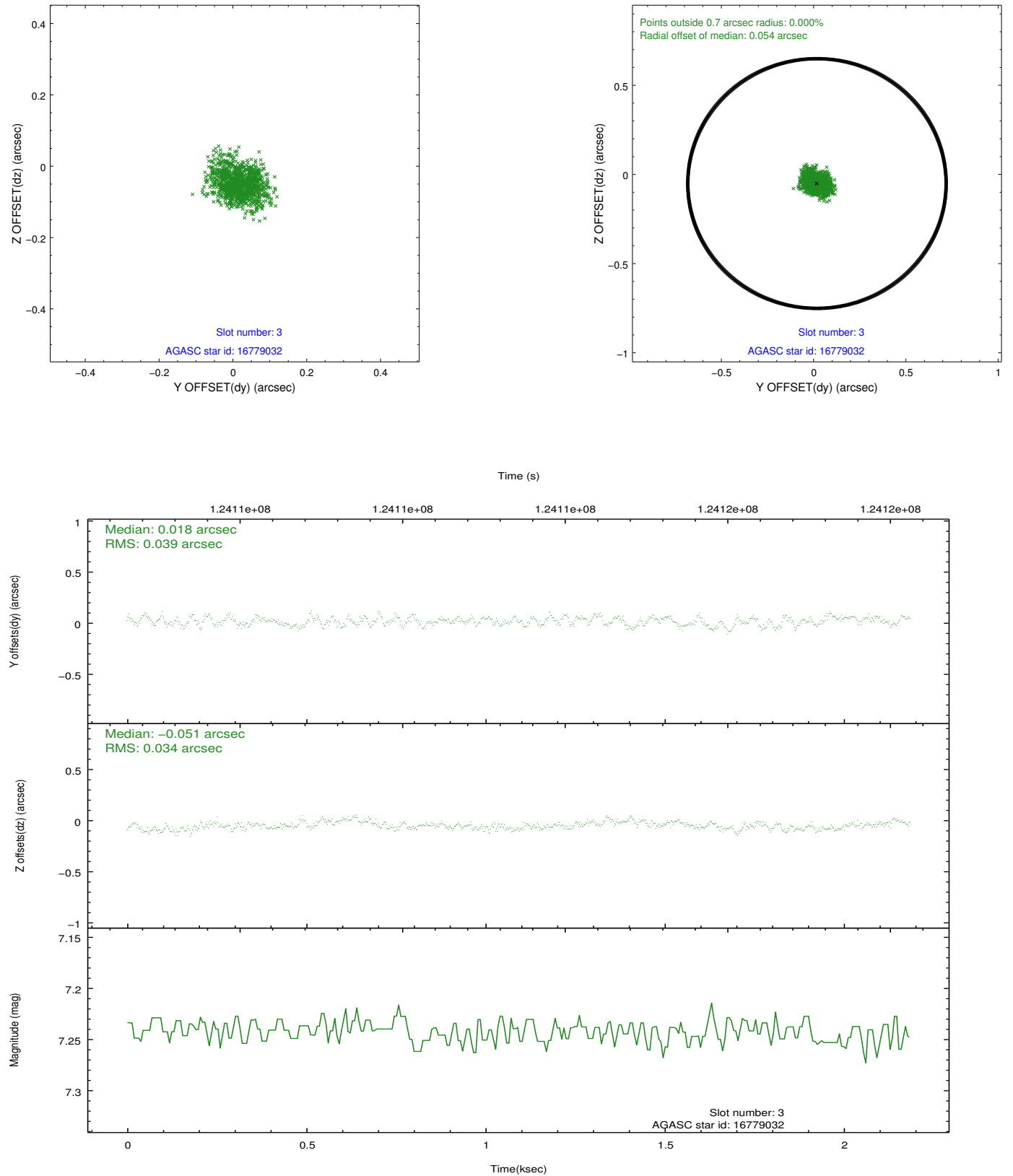


Slot Statistics

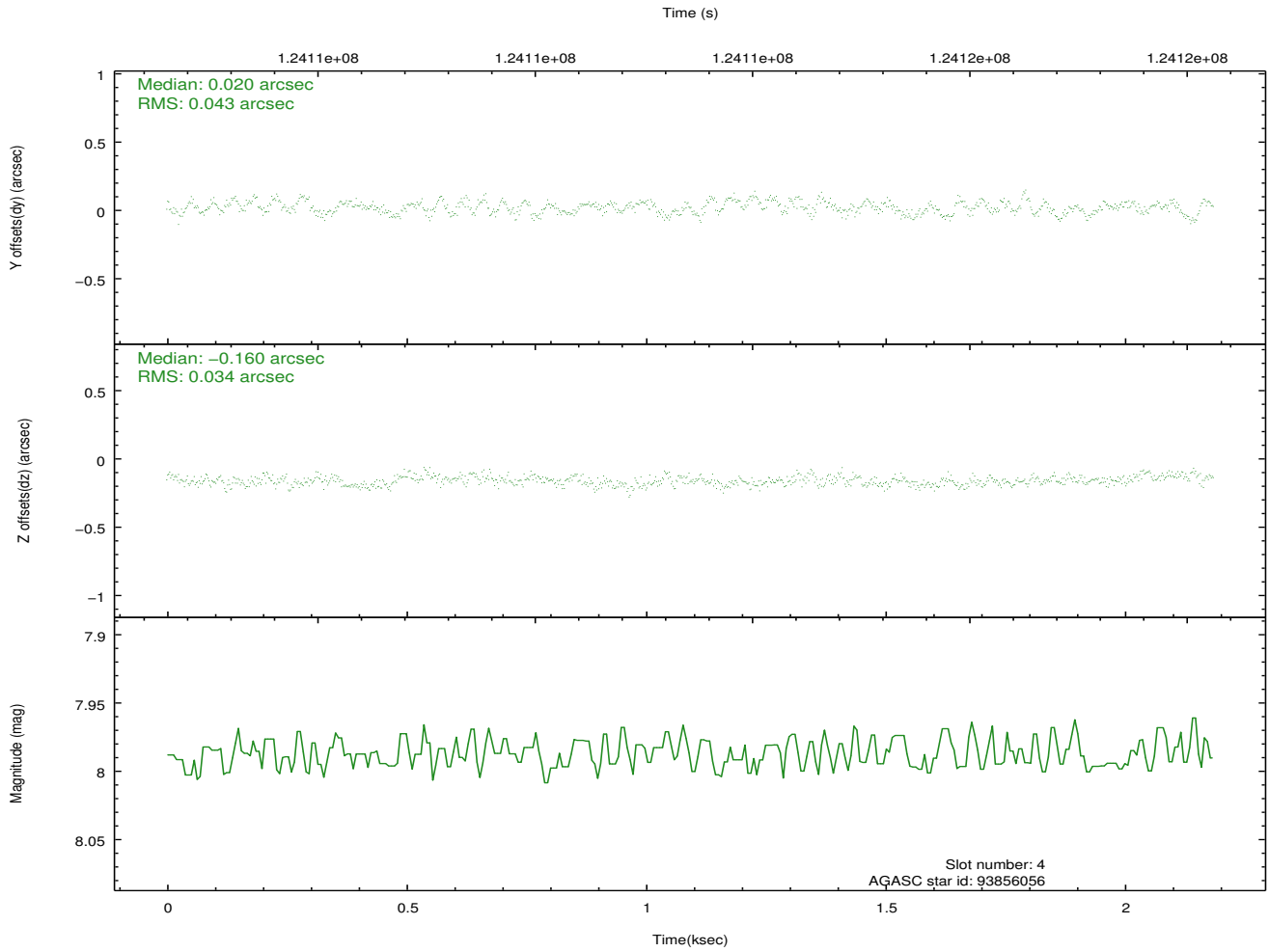
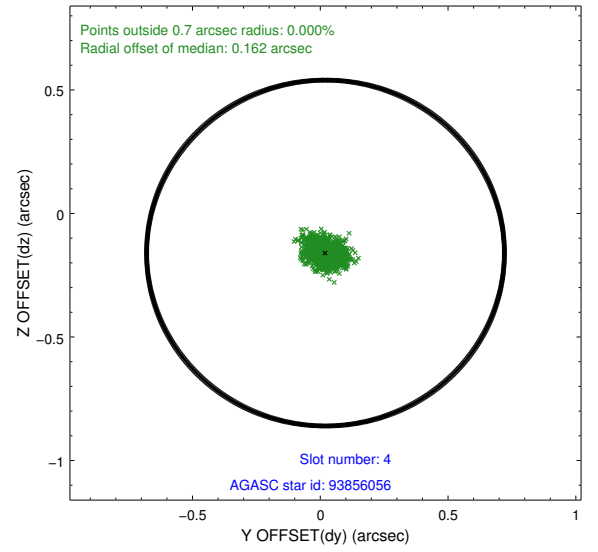
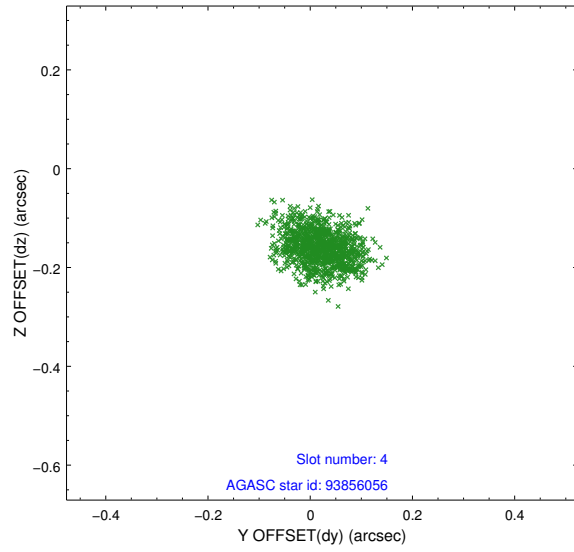
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	533	0.011	0.075	0.007	0.011	0.000000	0.000000	-759.04	-1292.32
1	FID	HRC-I-2	7.01	533	0.088	-0.074	0.006	0.010	0.000000	0.000000	852.24	-1296.43
2	FID	HRC-I-3	7.05	534	0.021	-0.090	0.006	0.010	0.000000	0.000000	-1185.97	1009.65
3	GUIDE	16779032	7.24	1067	0.018	-0.051	0.055	0.091	88.070651	7.329382	-2058.18	1539.15
4	GUIDE	93856056	7.99	1067	0.020	-0.160	0.059	0.093	88.147460	7.547925	-1336.34	1953.24
5	GUIDE	16913360	8.34	1067	-0.055	0.067	0.055	0.094	89.178373	7.247125	730.19	-1278.84
6	GUIDE	16918912	8.65	1067	-0.063	0.173	0.080	0.128	89.257075	6.922287	177.97	-2349.25
7	GUIDE	93855168	9.06	1066	0.081	-0.027	0.074	0.118	89.021483	7.846508	1723.65	713.47

2.4 Star Slots

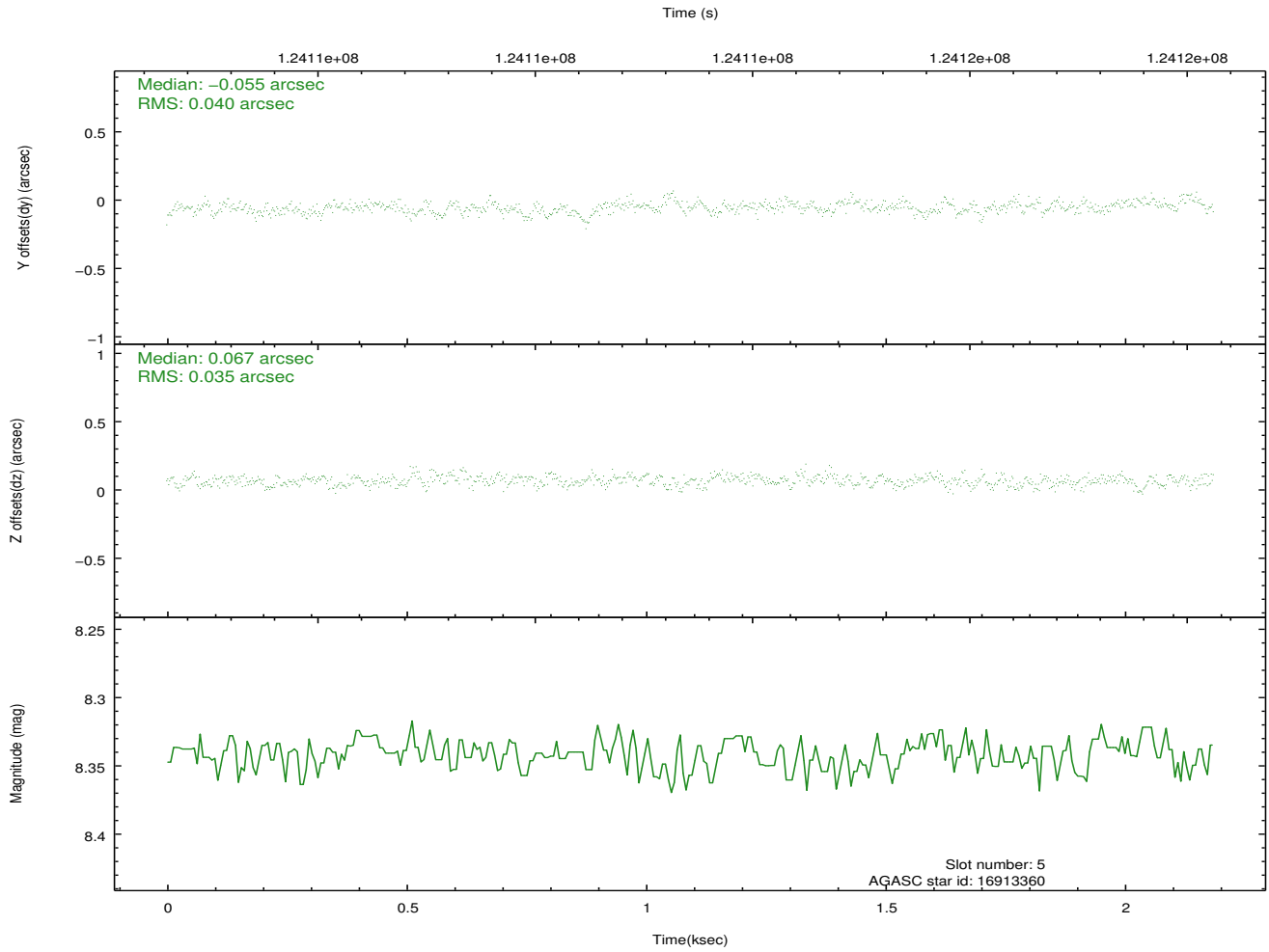
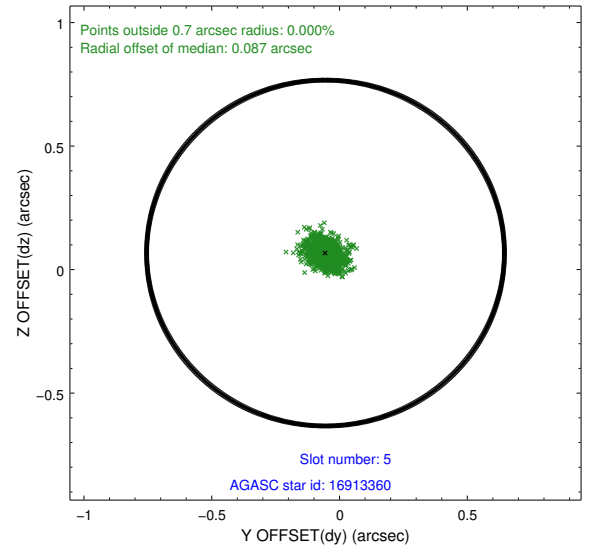
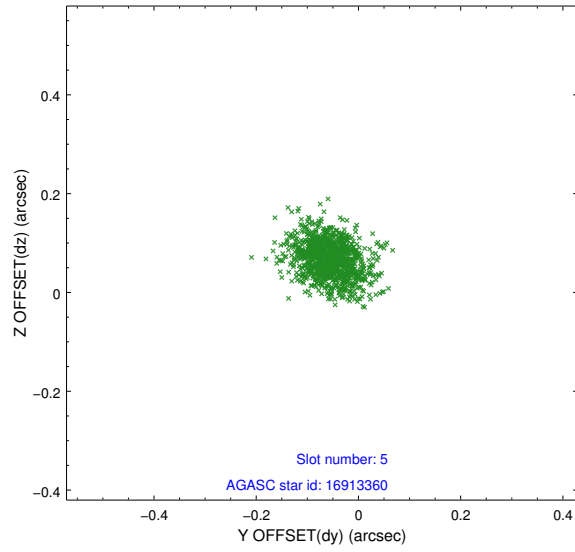
2.4.1 Slot 3



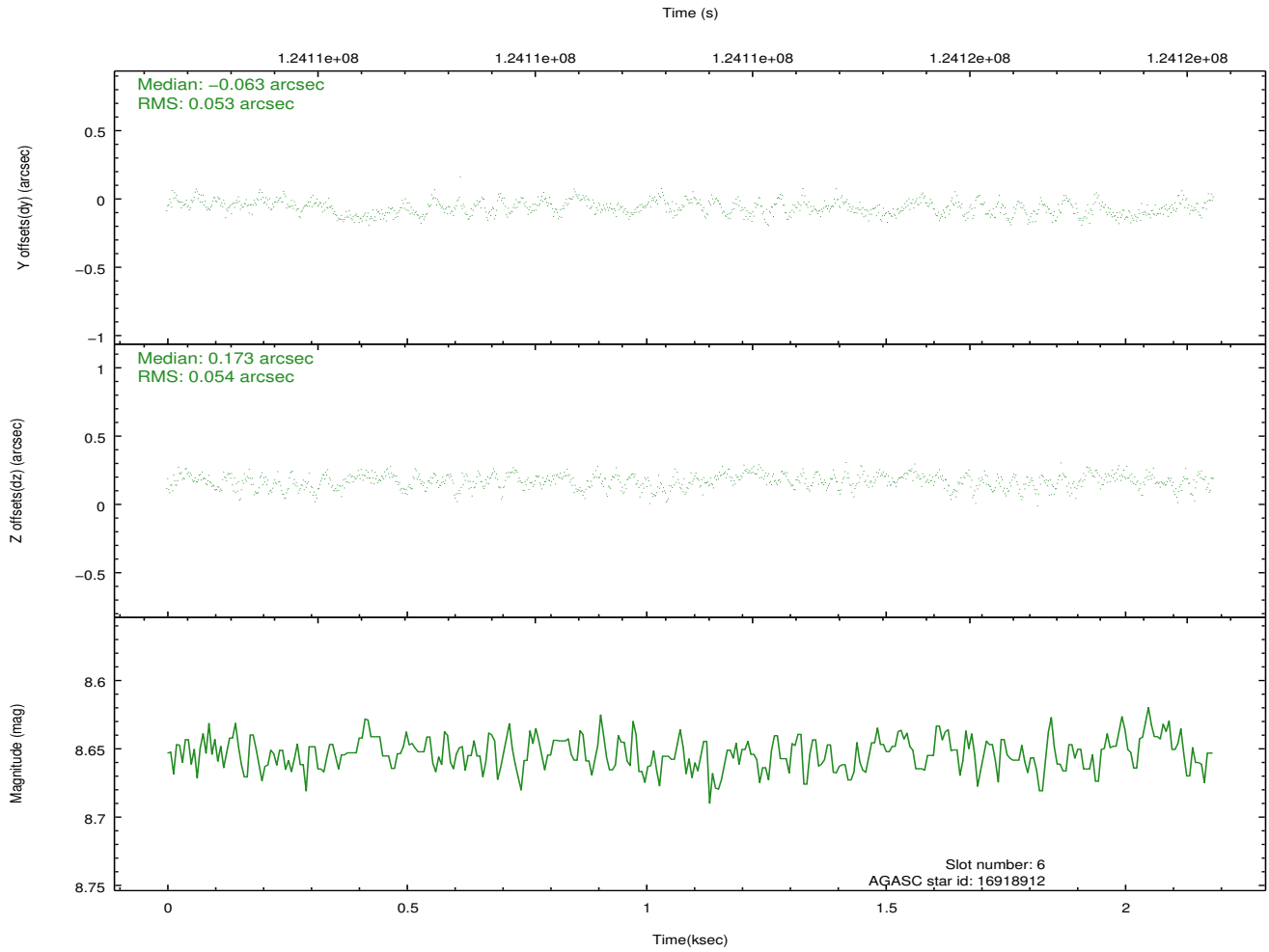
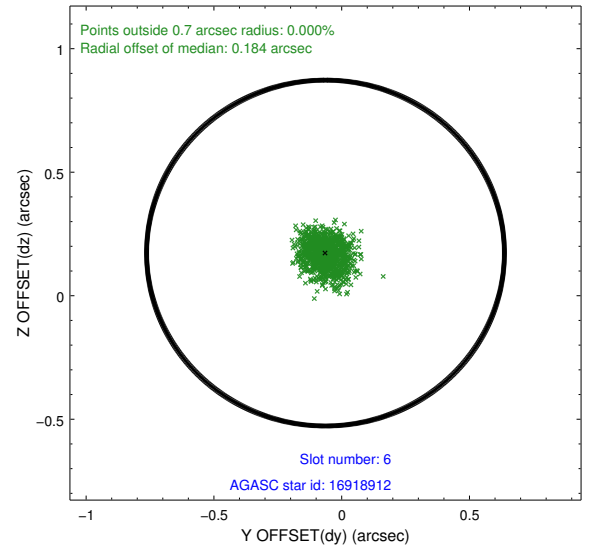
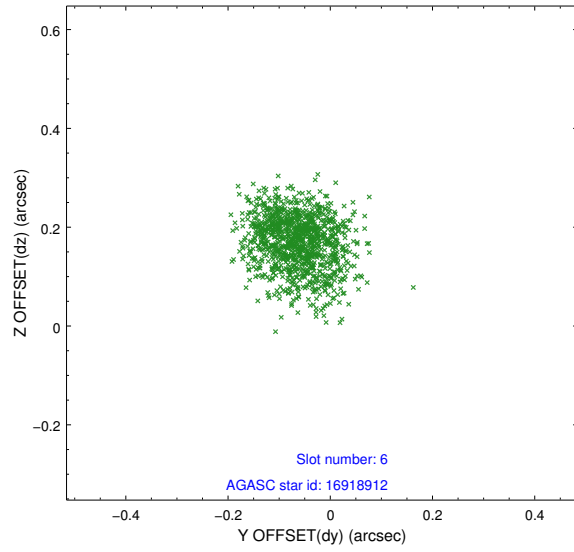
2.4.2 Slot 4



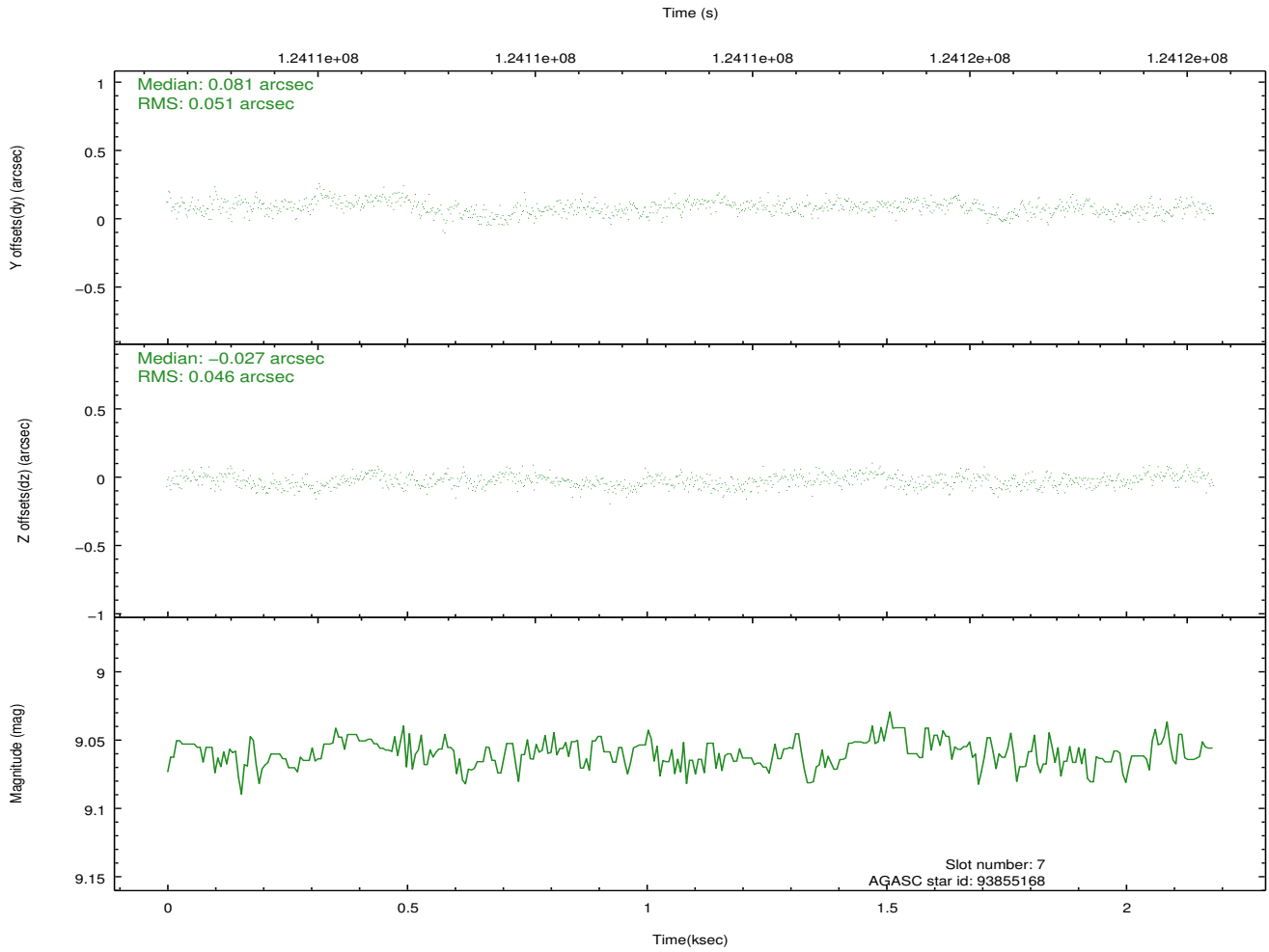
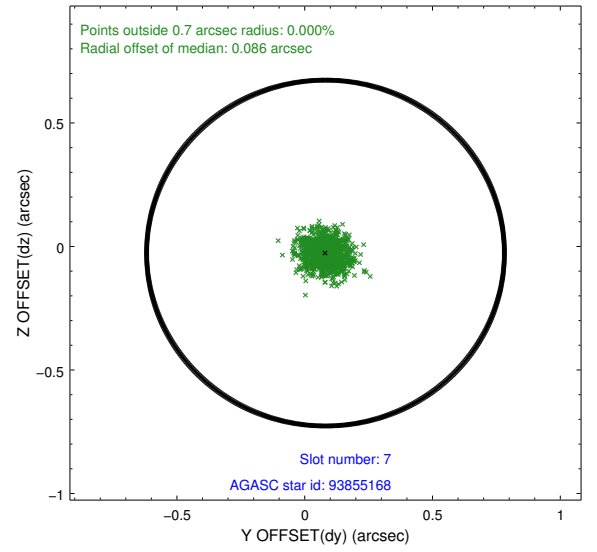
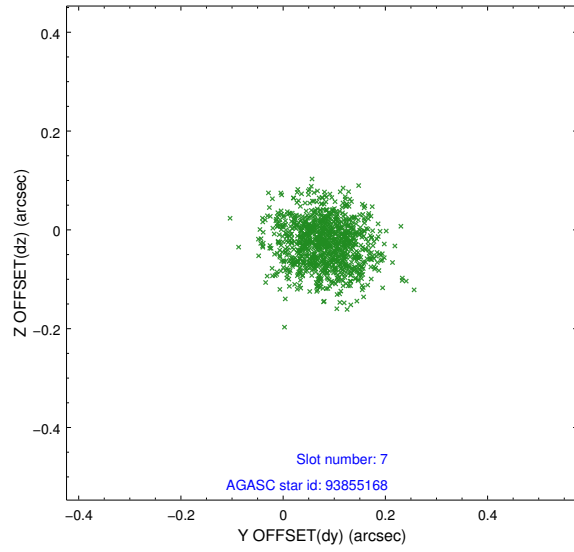
2.4.3 Slot 5



2.4.4 Slot 6

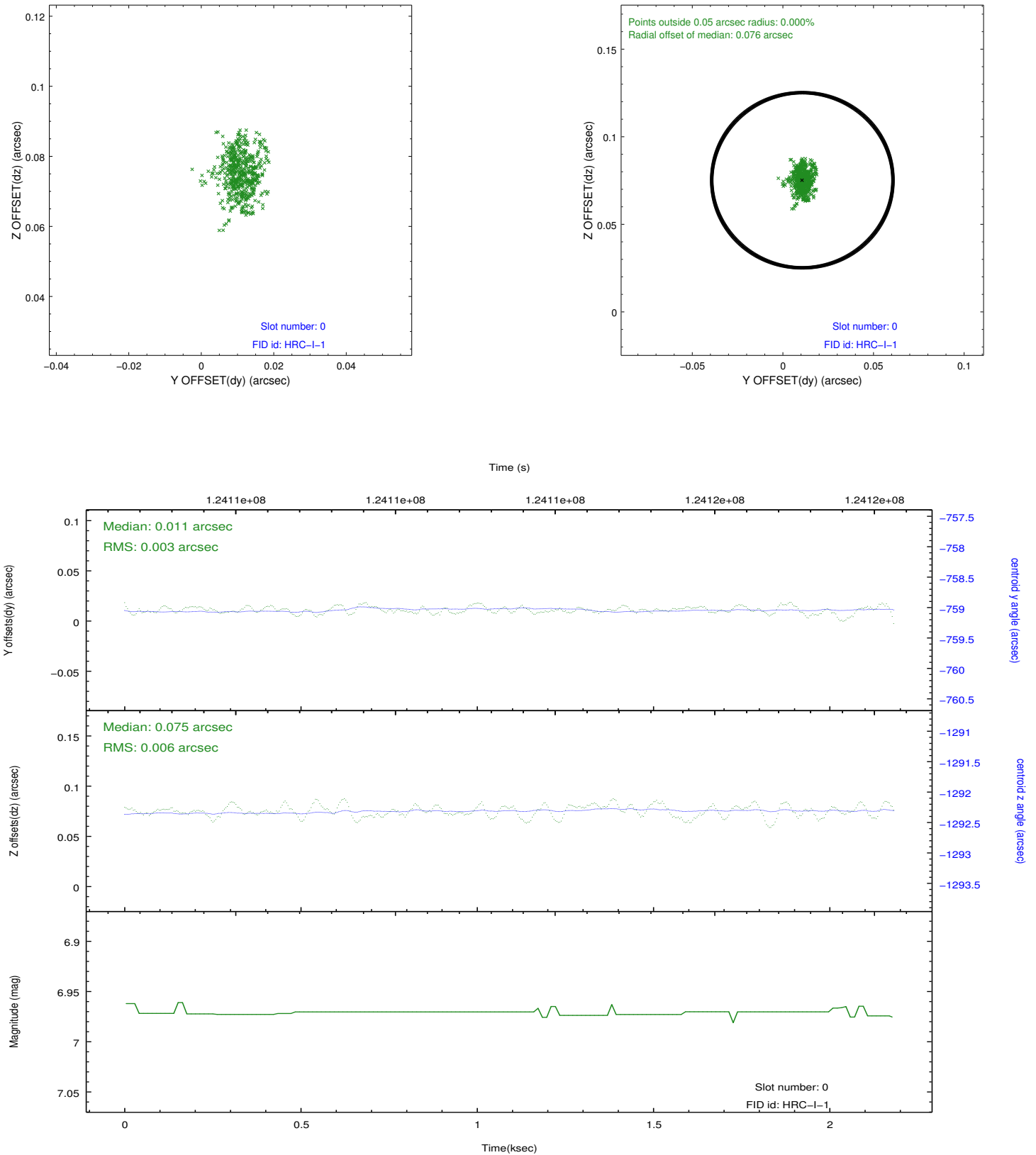


2.4.5 Slot 7

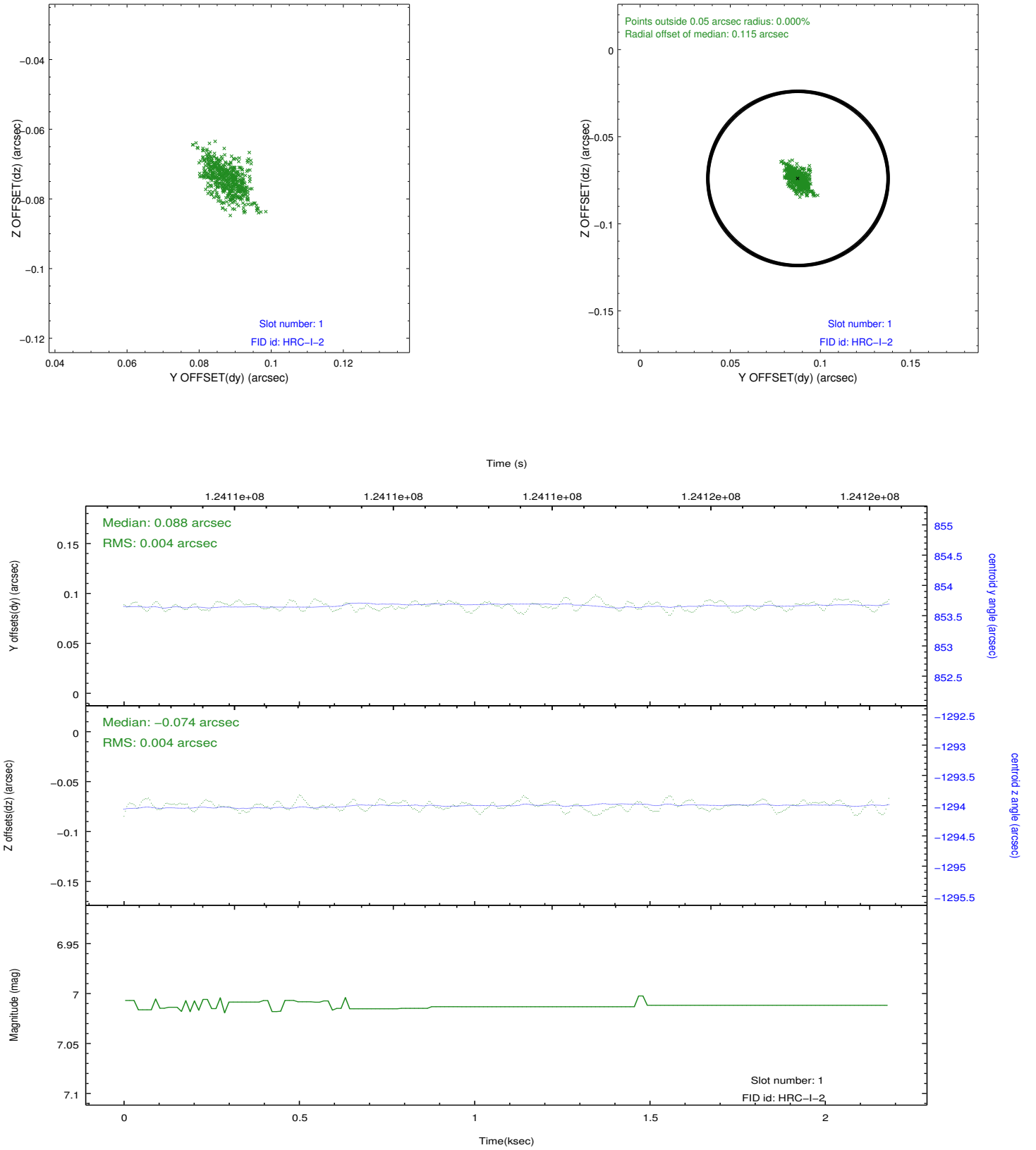


2.5 FID Slots

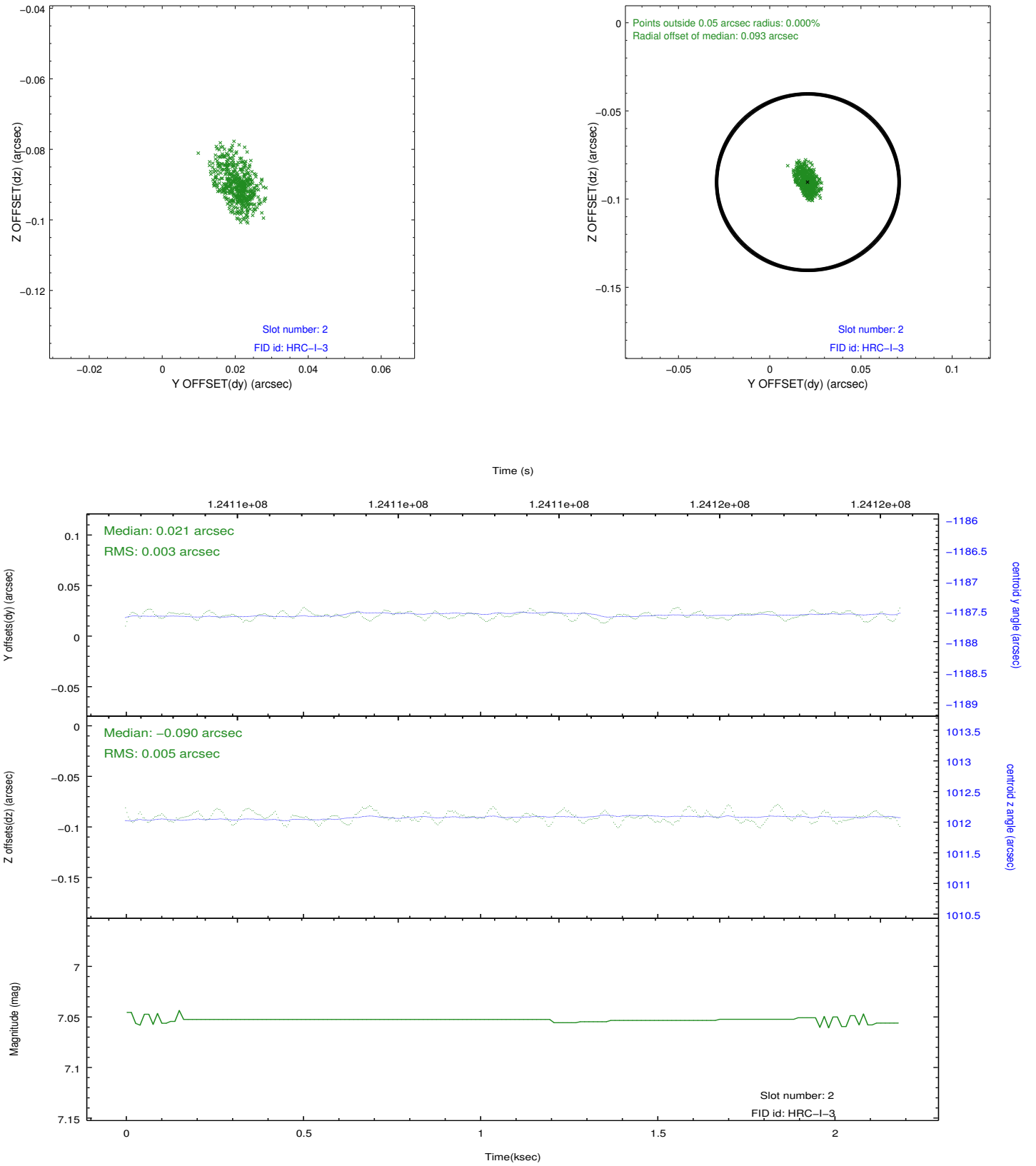
2.5.1 Slot 0



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)	2012.09.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.892

A.2 Comments

Window constraint met.