

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10586 - L2 Version 3
Chandra X-Ray Center

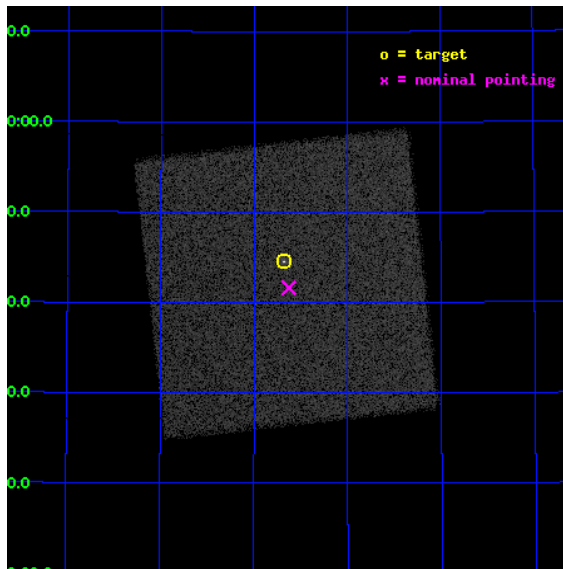
L2 Processing Date : Aug 13 2012

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1 Front

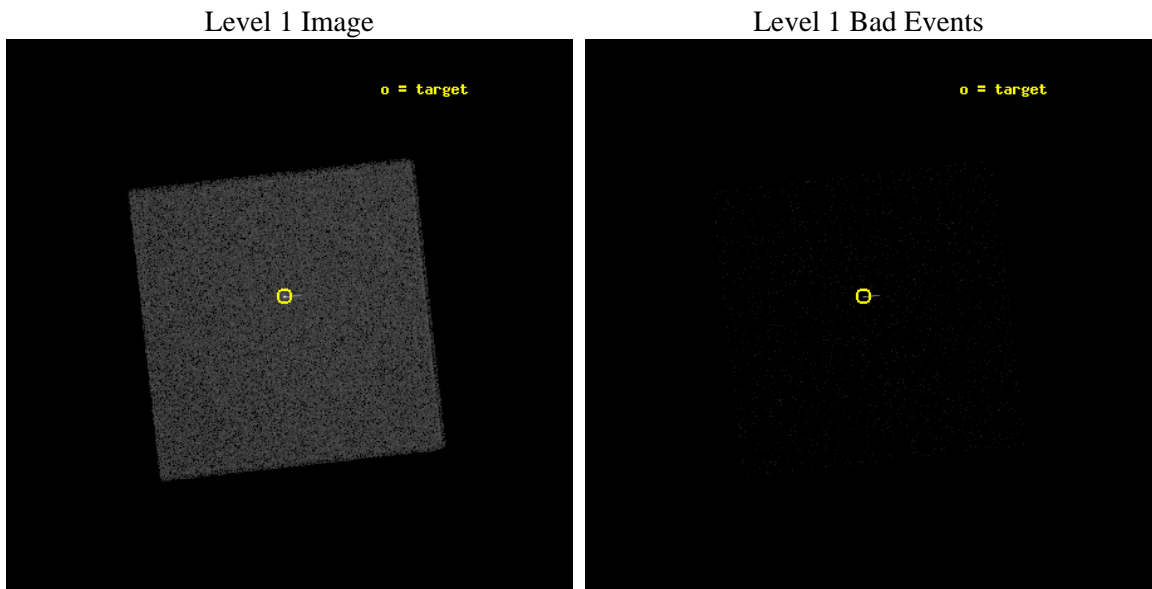
seq_num	290822	Sequence number
obs_id	10586	Observation id
title	AO-10 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.15663855812	Nominal RA [deg]
dec_nom	45.69387183356	Nominal Dec [deg]
roll_nom	218.61981792621	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1180.0313093066	[s]
livetime	1165.1369385996	Ontime multiplied by DTCOR
l2events	95314	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	1180.0313093066	[s]
caldbver	4.5.1.1	 	l1events	175199	Number of level 1 events
date	2012-08-13T12:54:39	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

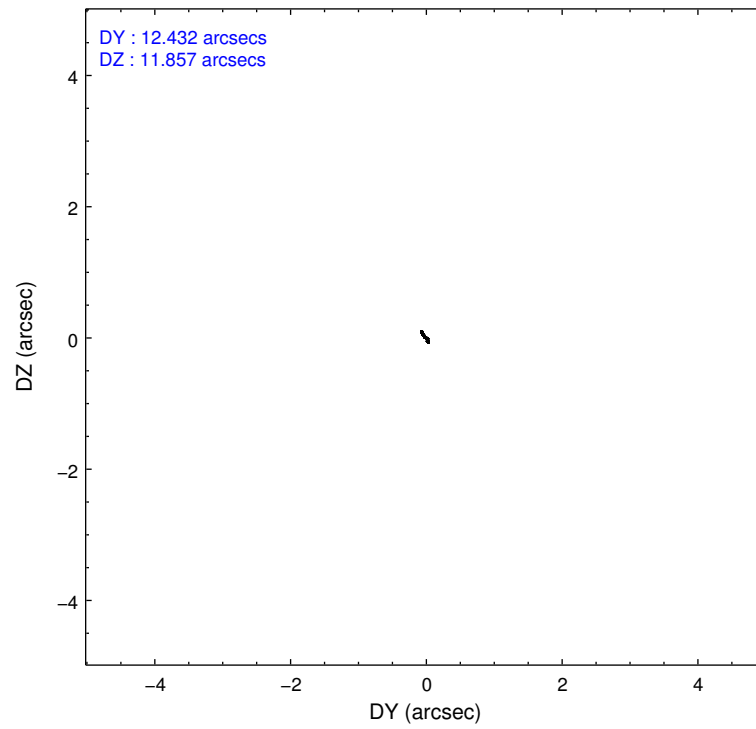
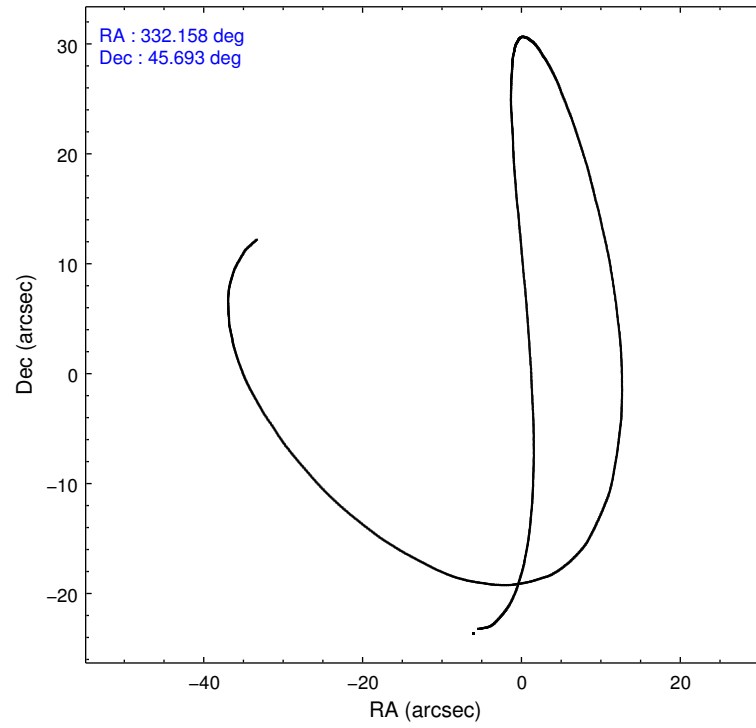
Level 1 Events

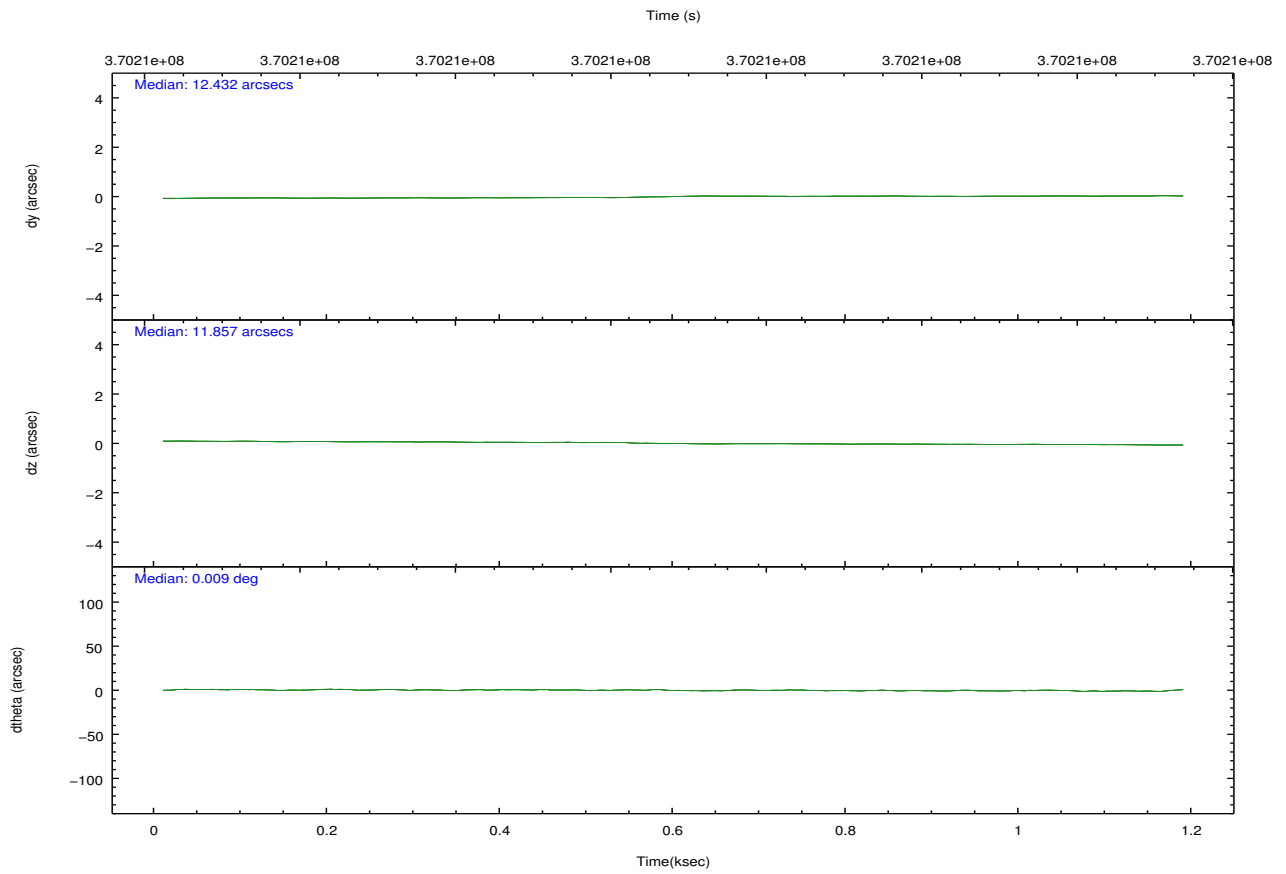
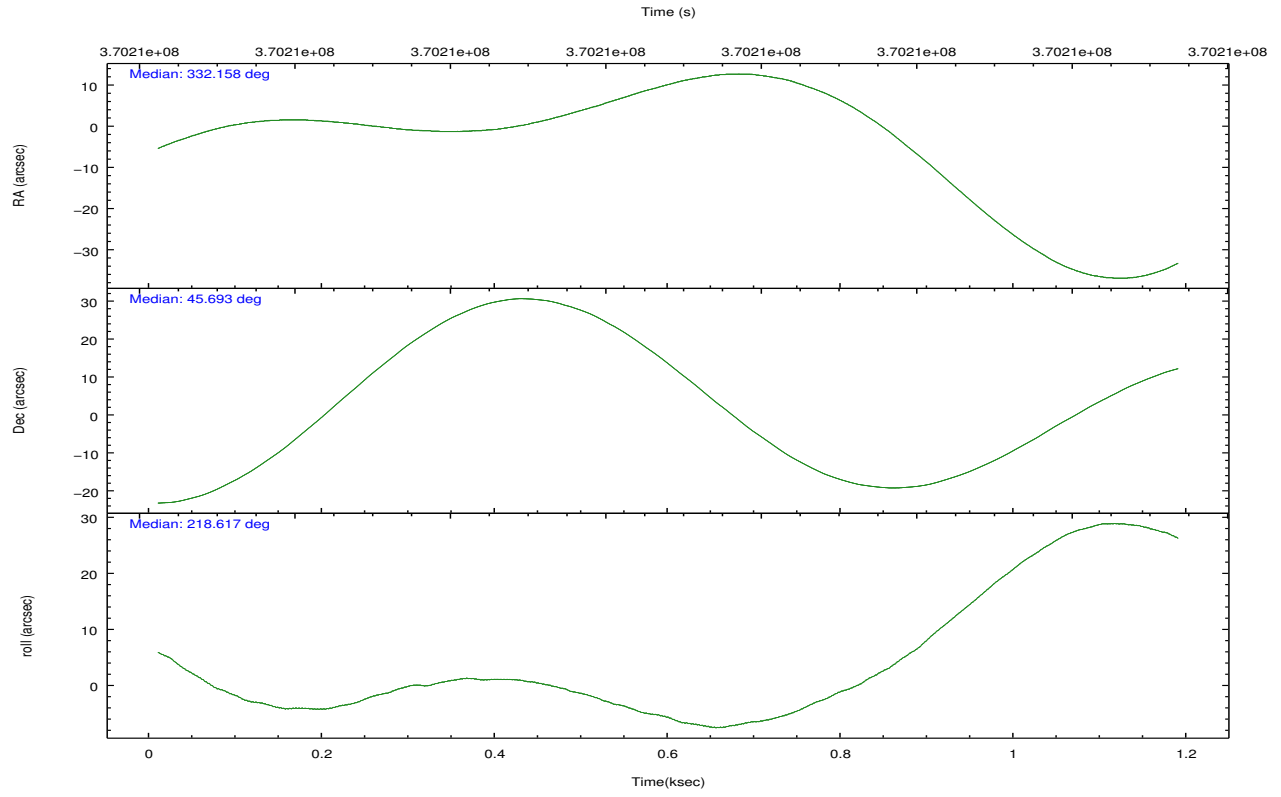
	segment 0
level 1 events	175199
rejected events	38171
rejected %	21%

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	332.170183	332.1566385581245			
[deg] Pointing Dec	45.719773	45.69387183356036			
[deg] Pointing Roll	218.705604	218.6198179262099			
[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)	370210879.184000	370210503.03421			
Observation start date	2009-09-24T20:20:13	2009-09-24T20:15:03			
[s] Observation end time (MET)	370211879.184000	370212013.37179			
Observation end date	2009-09-24T20:36:53	2009-09-24T20:40:13			

2.3 Aspect



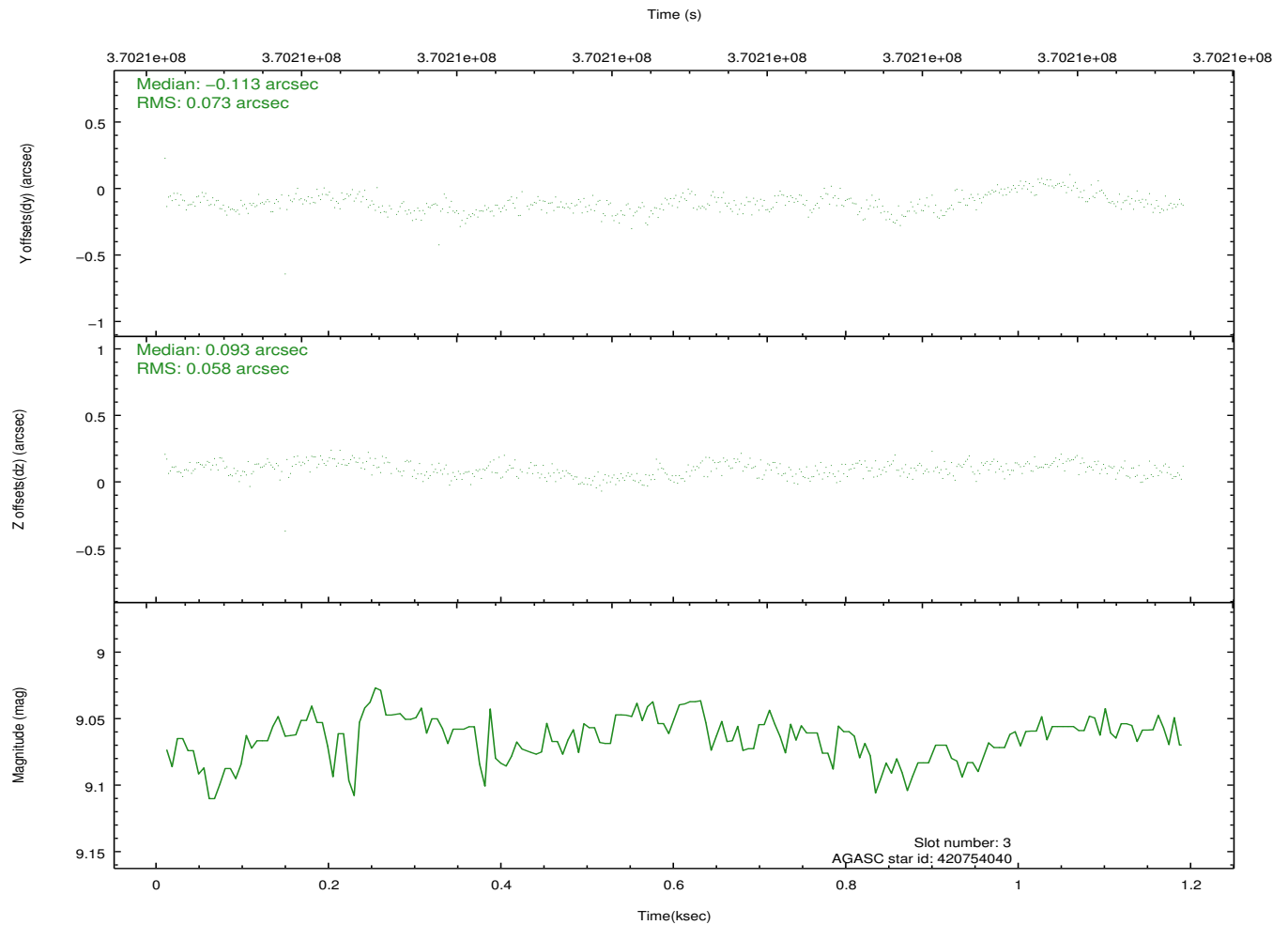
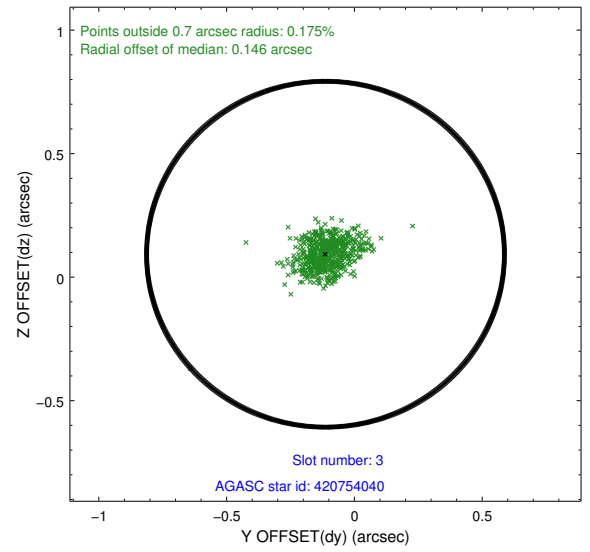
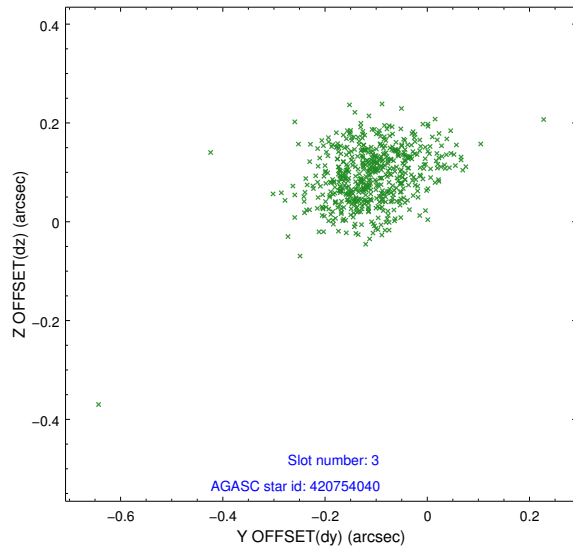


Slot Statistics

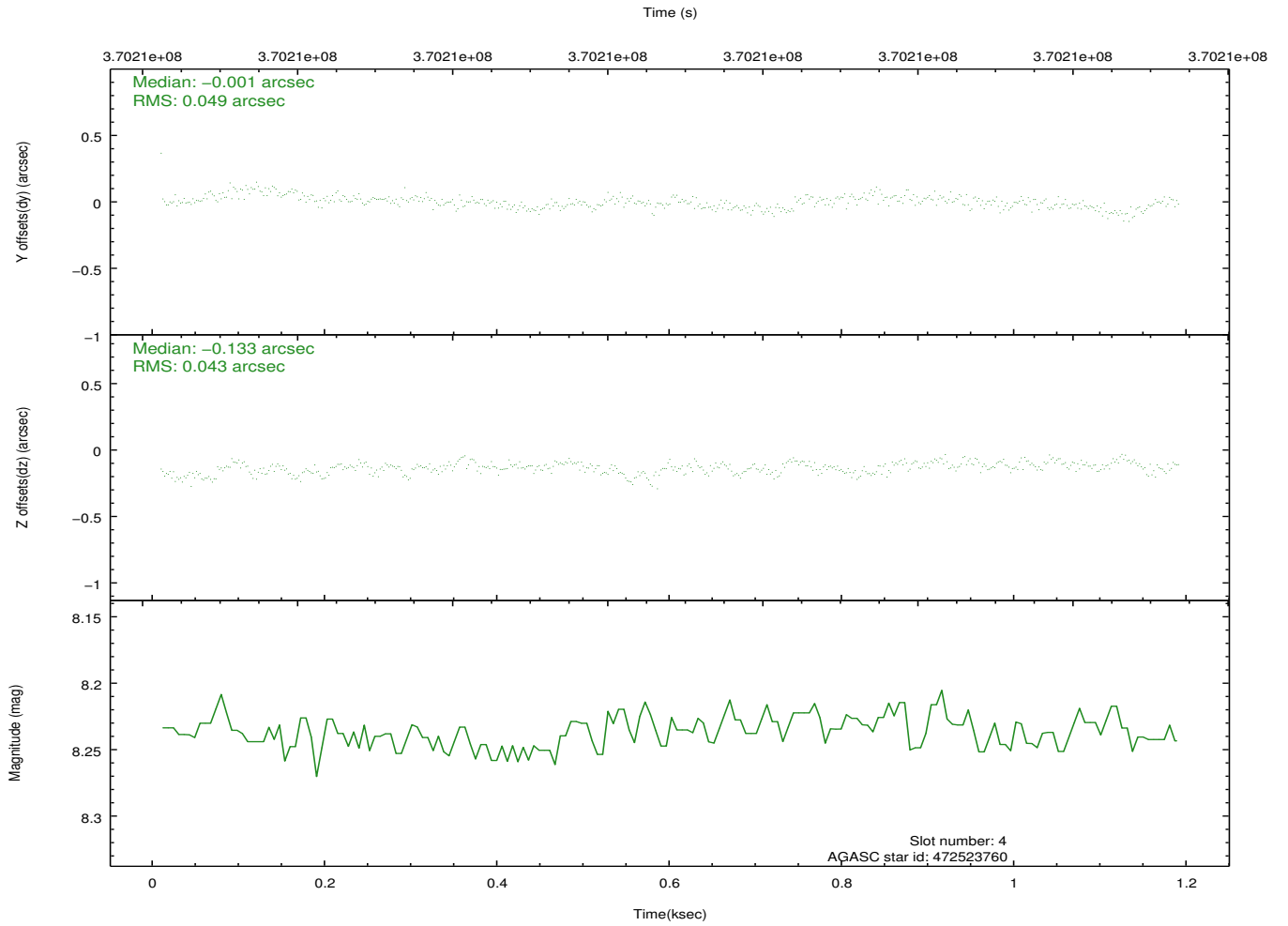
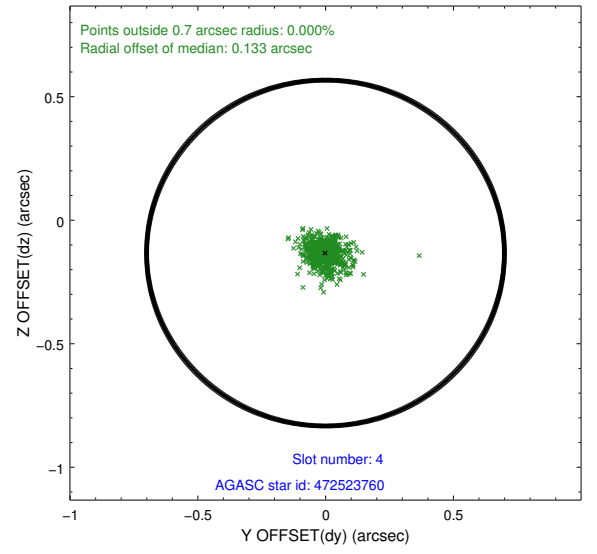
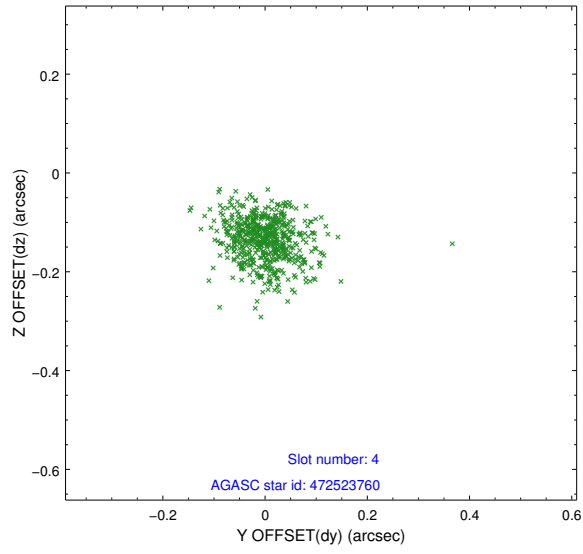
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	288	-0.053	0.017	0.008	0.015	0.000000	0.000000	-768.21	-1299.79
1	FID	HRC-I-2	7.01	288	0.208	-0.126	0.007	0.012	0.000000	0.000000	842.02	-1306.02
2	FID	HRC-I-3	7.07	288	-0.036	0.020	0.006	0.015	0.000000	0.000000	-1193.74	1000.25
3	GUIDE	420754040	9.06	571	-0.113	0.093	0.091	0.152	331.917939	44.882543	2384.20	1949.01
4	GUIDE	472523760	8.24	577	-0.001	-0.133	0.067	0.117	331.645363	45.403260	1748.46	59.07
5	GUIDE	472533912	9.16	577	-0.000	0.082	0.126	0.224	331.791136	46.368695	-725.16	-2413.90
6	GUIDE	472655152	9.43	576	0.020	-0.147	0.127	0.204	332.504239	45.862991	-979.00	115.25
7	GUIDE	472665256	9.02	576	0.096	0.130	0.082	0.139	332.808125	46.195041	-2316.79	-346.31

2.4 Star Slots

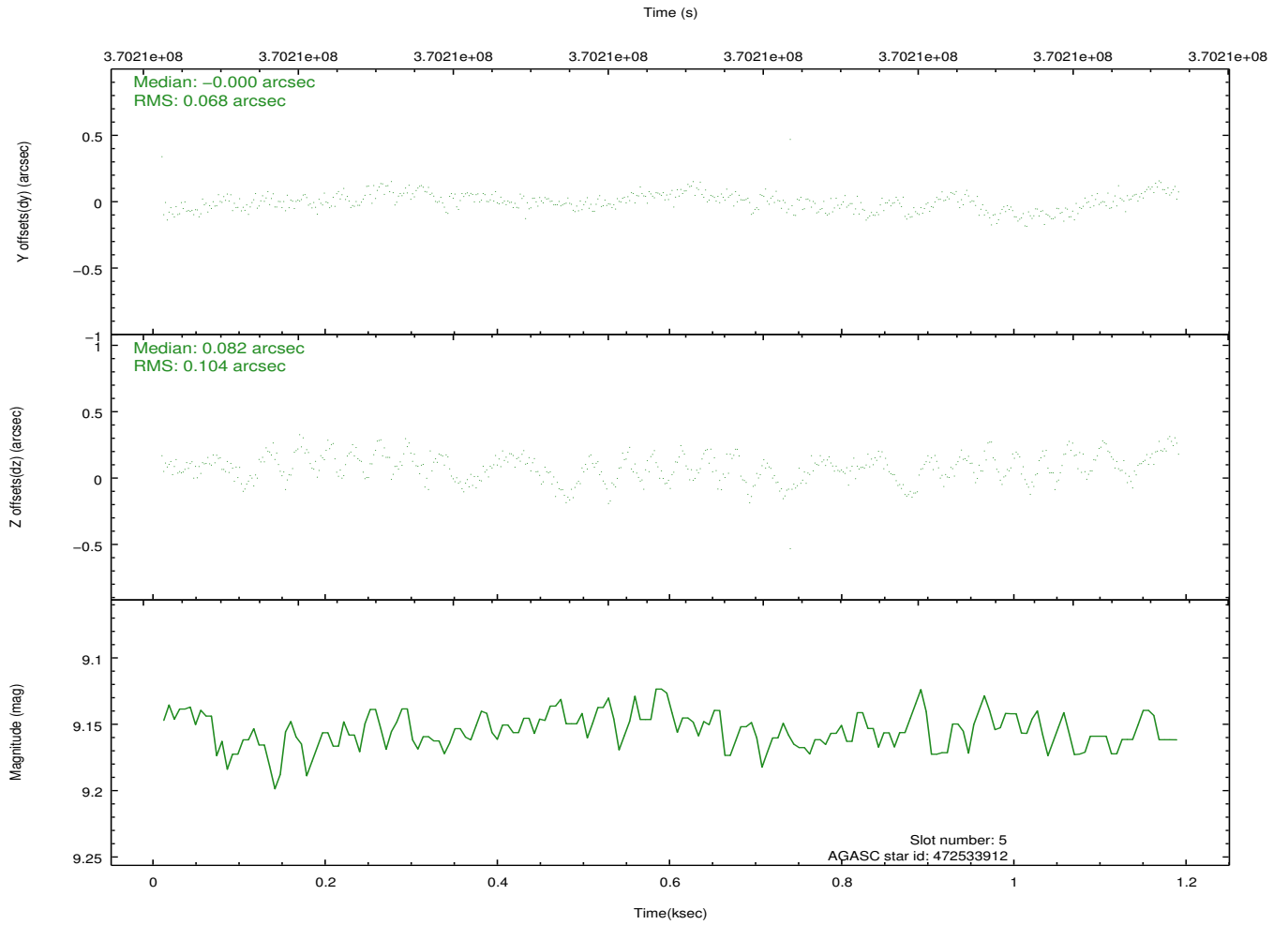
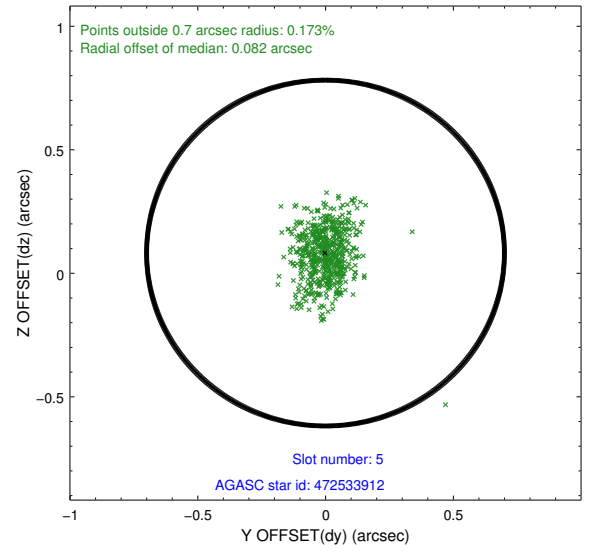
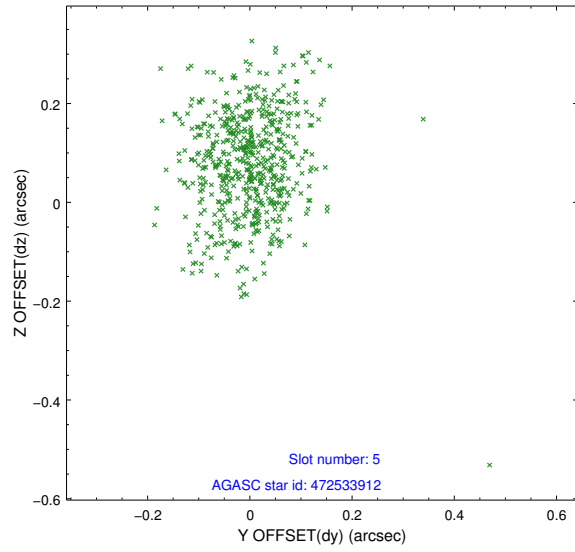
2.4.1 Slot 3



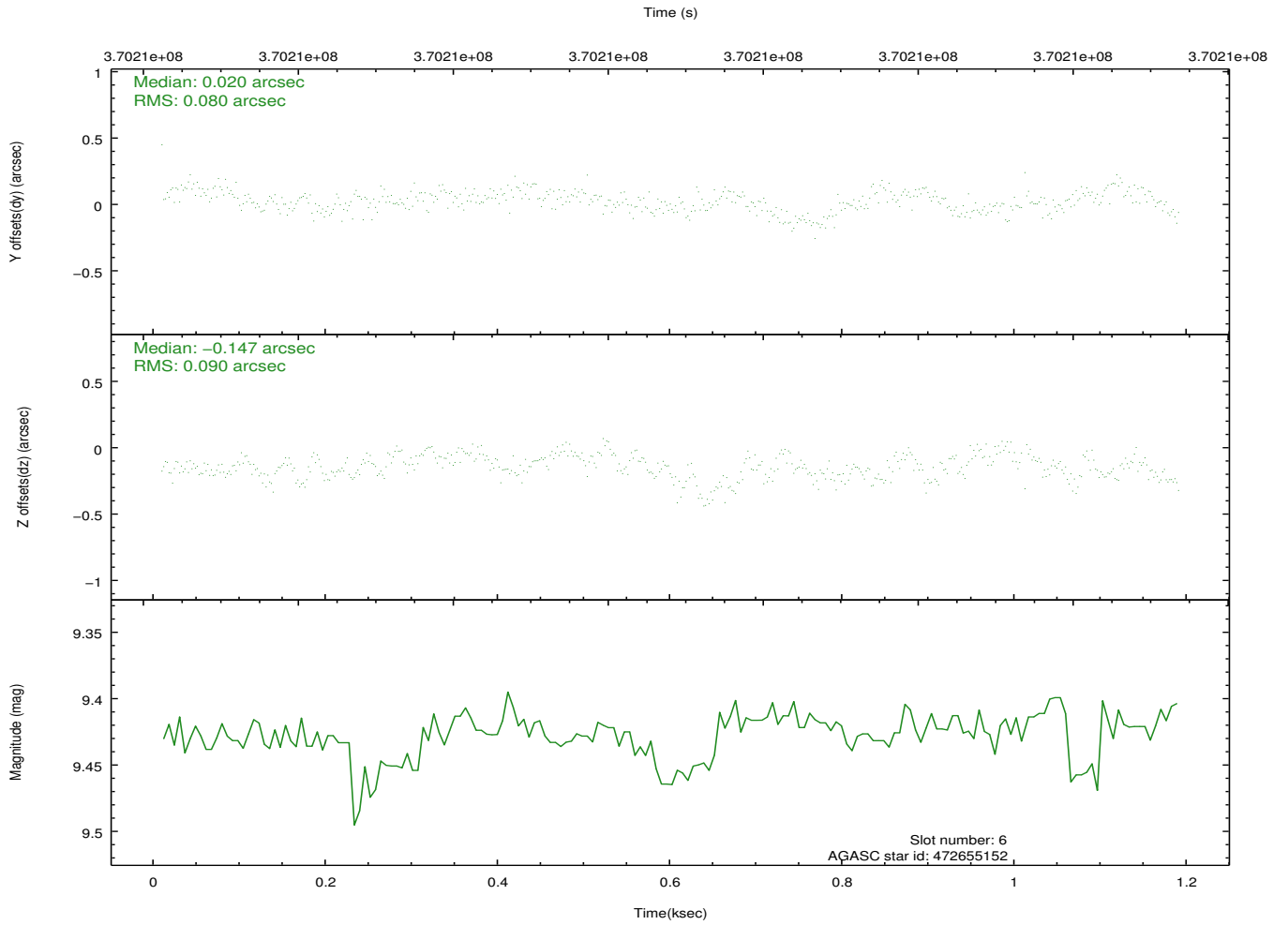
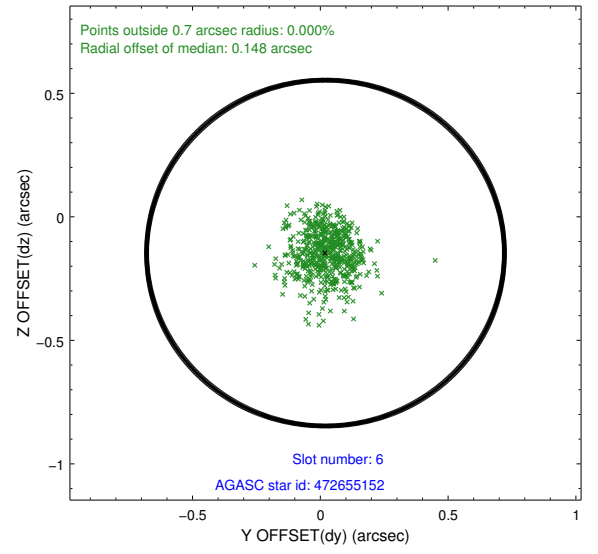
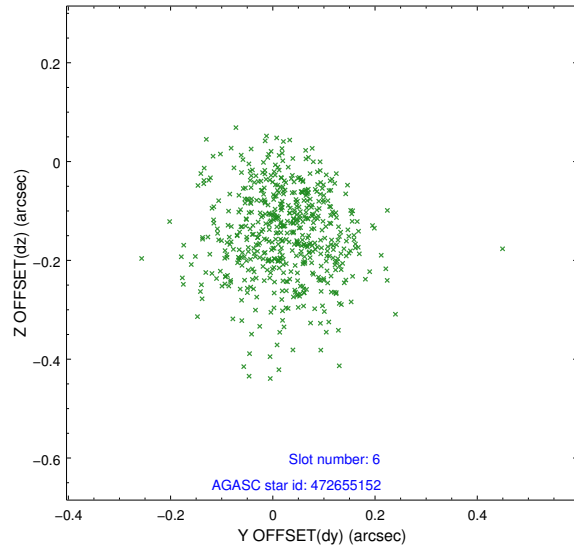
2.4.2 Slot 4



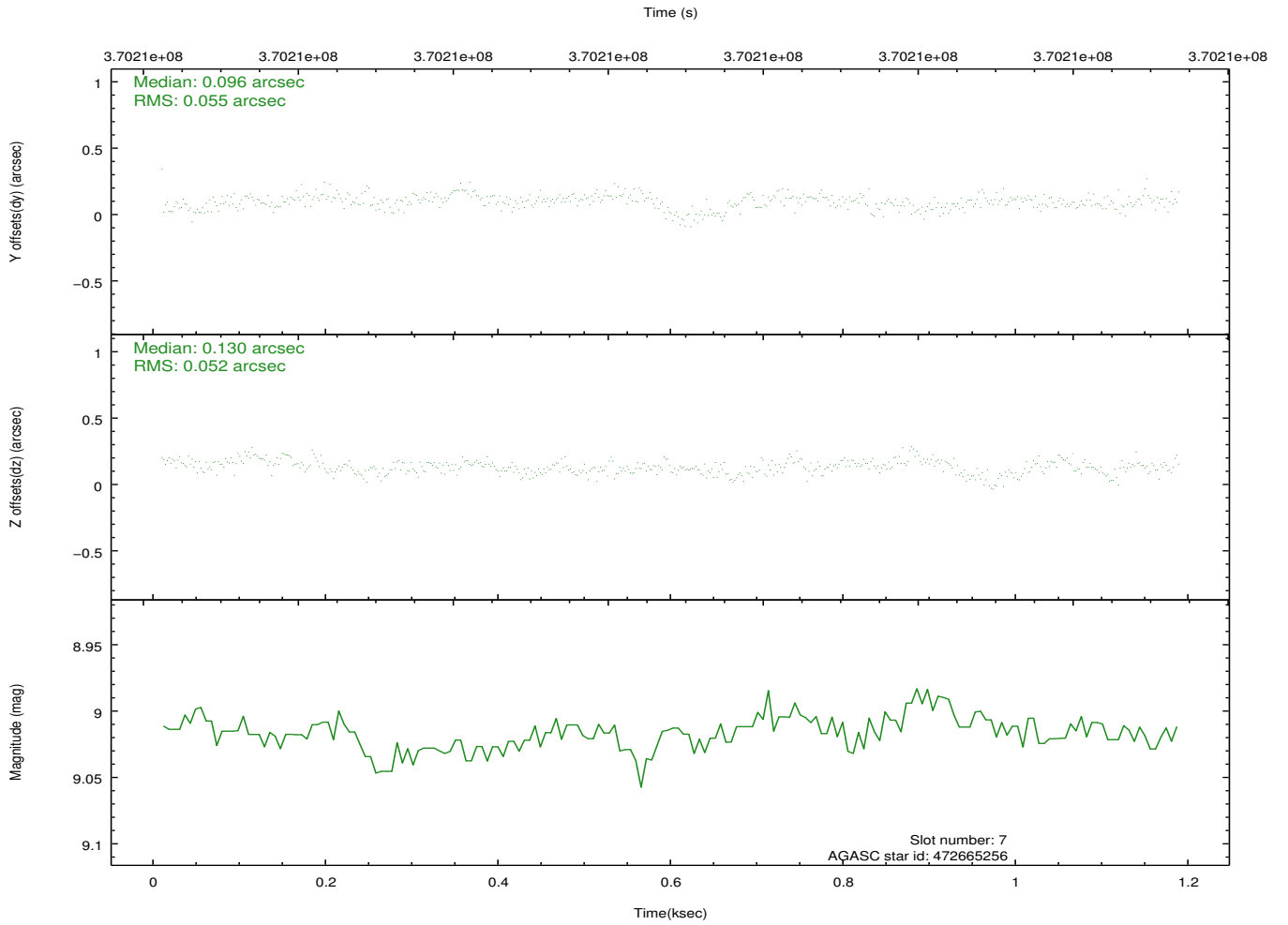
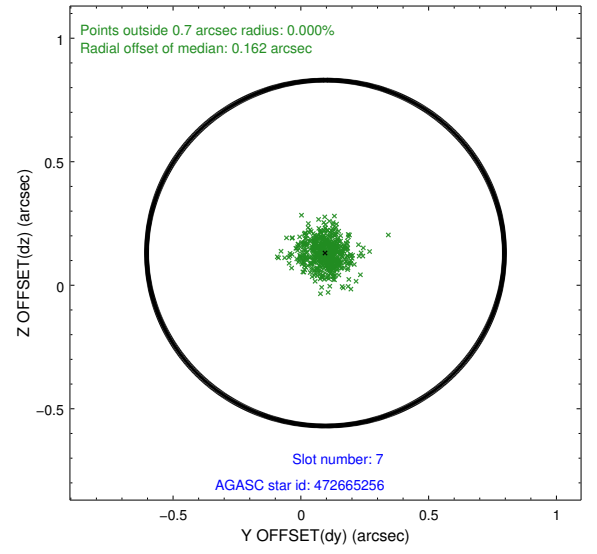
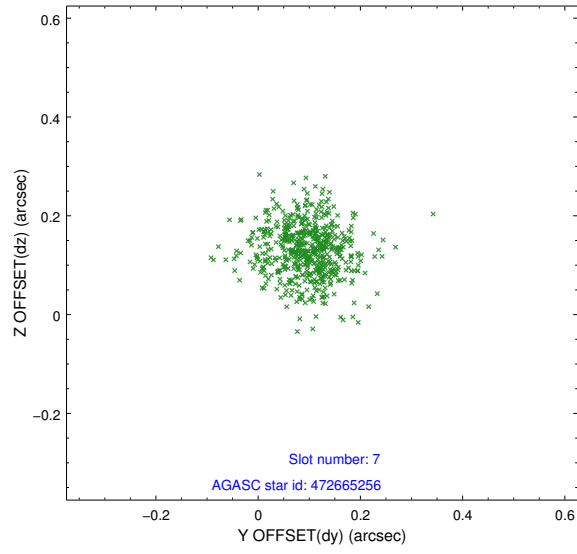
2.4.3 Slot 5



2.4.4 Slot 6

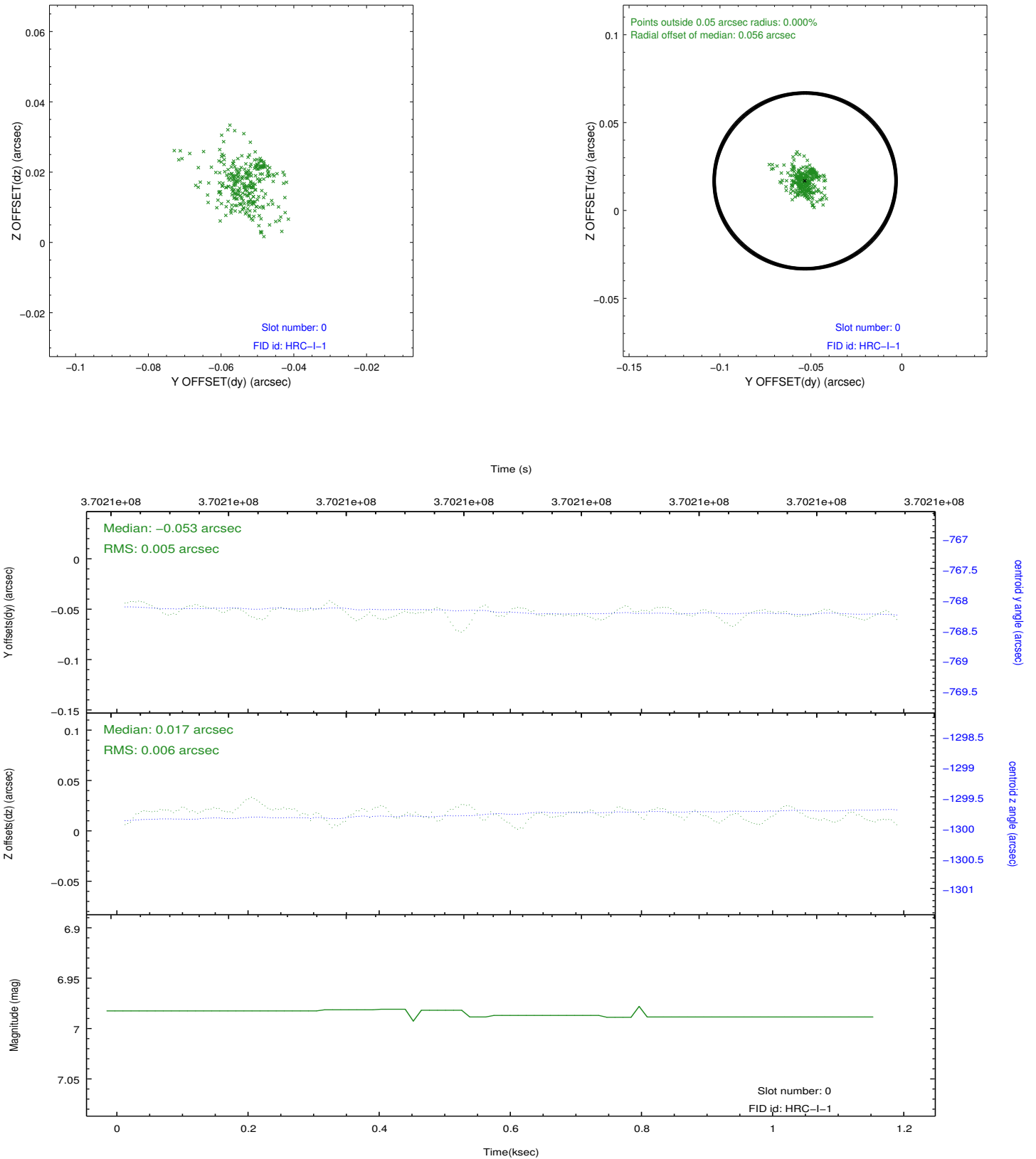


2.4.5 Slot 7

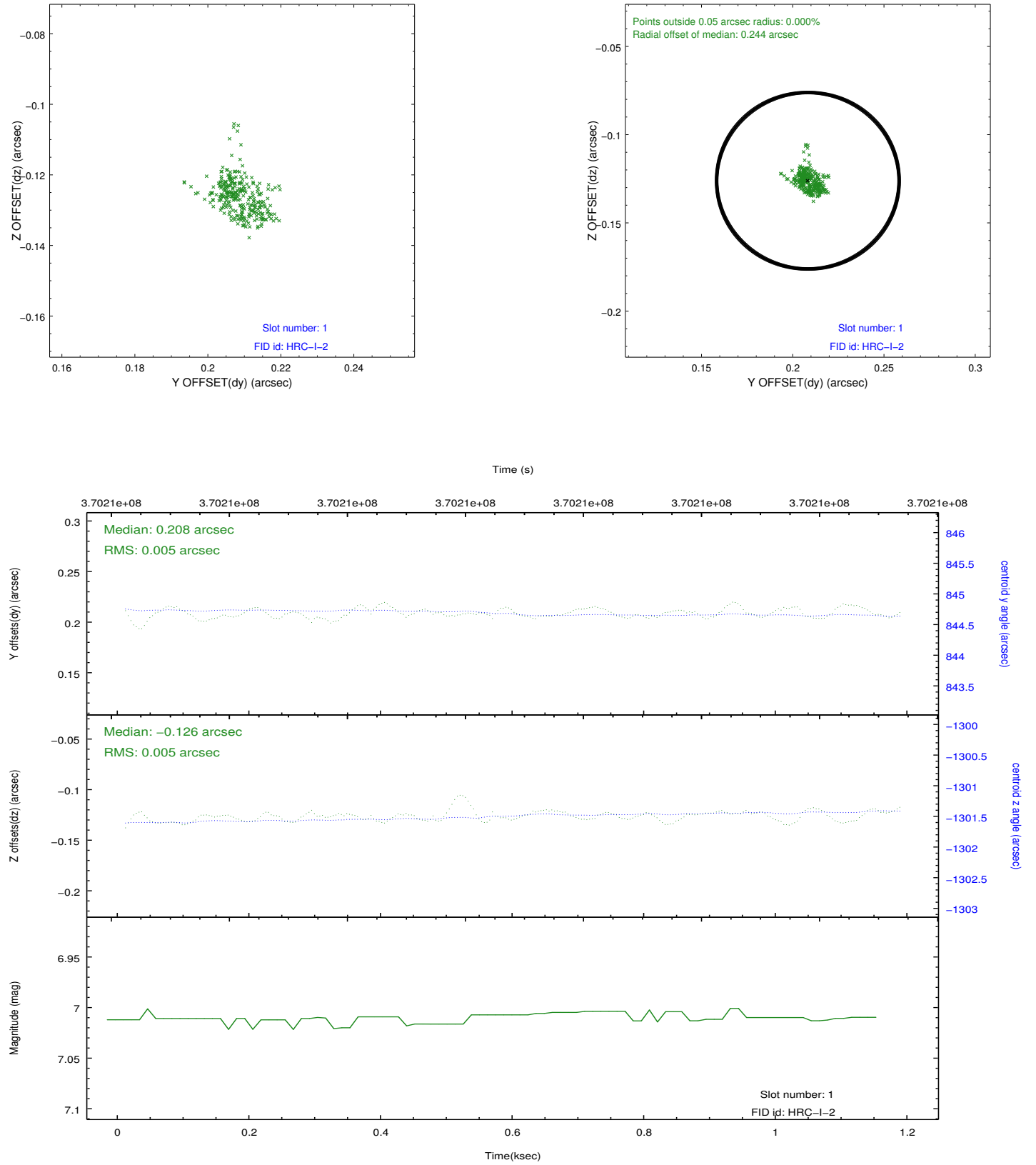


2.5 FID Slots

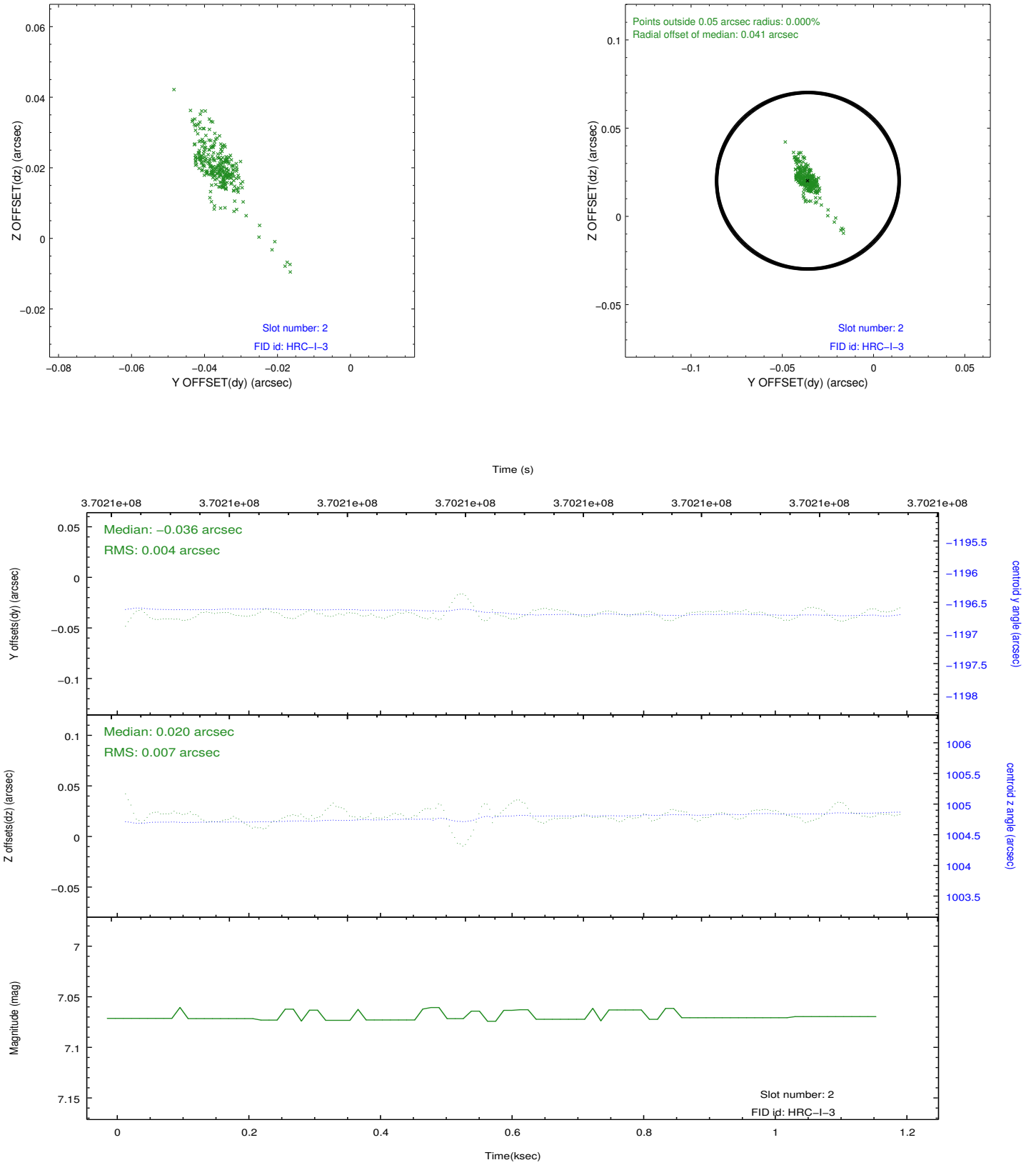
2.5.1 Slot 0



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	1.1800313153267

A.2 Comments