

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13067 - L2 Version 3
Chandra X-Ray Center

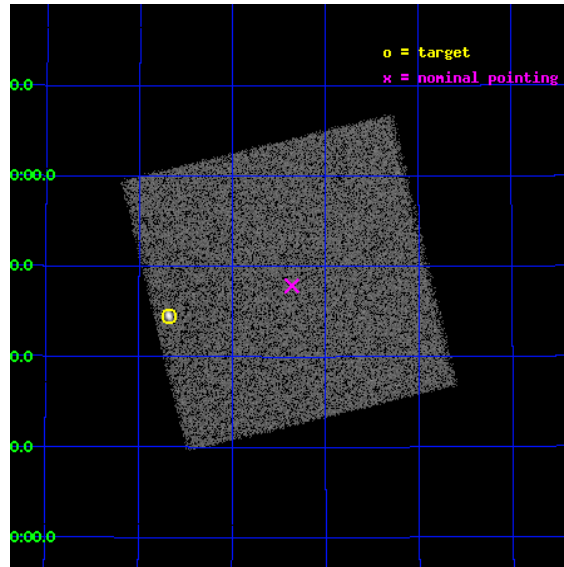
L2 Processing Date : Jul 27 2012

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1 Front

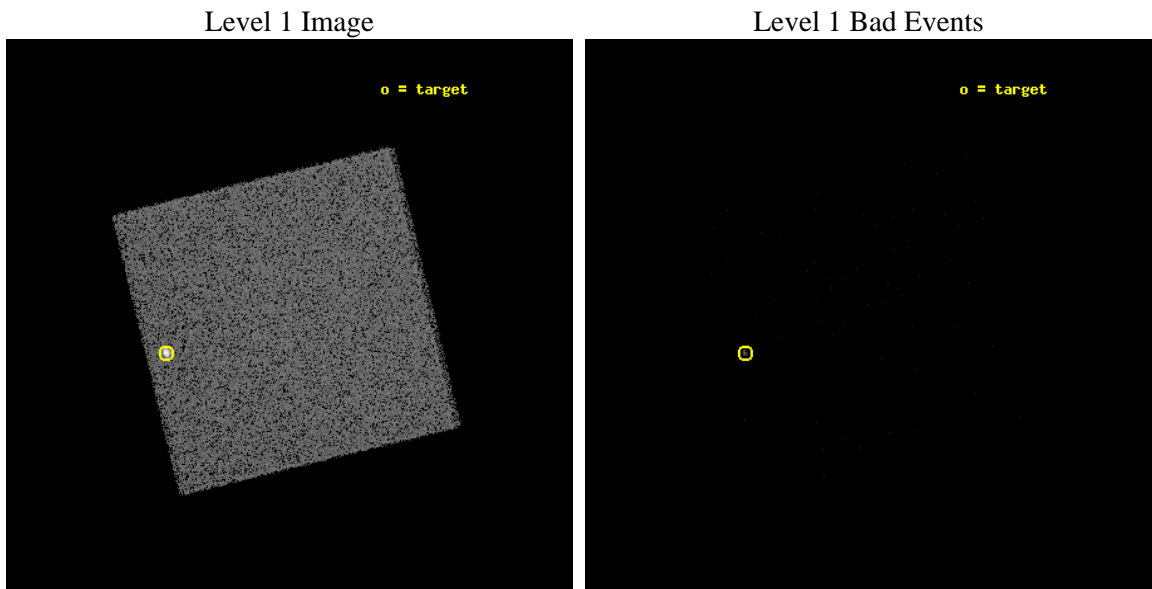
seq_num	290986	Sequence number
obs_id	13067	Observation id
title	AO-12 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	331.84012435999	Nominal RA [deg]
dec_nom	45.797893586273	Nominal Dec [deg]
roll_nom	211.33525475342	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1190.2813124657	[s]
livetime	1178.933247895	Ontime multiplied by DTCOR
l2events	81705	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	1190.2813124657	[s]
caldbver	4.5.1	 	l1events	132286	Number of level 1 events
date	2012-07-28T02:27:40	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

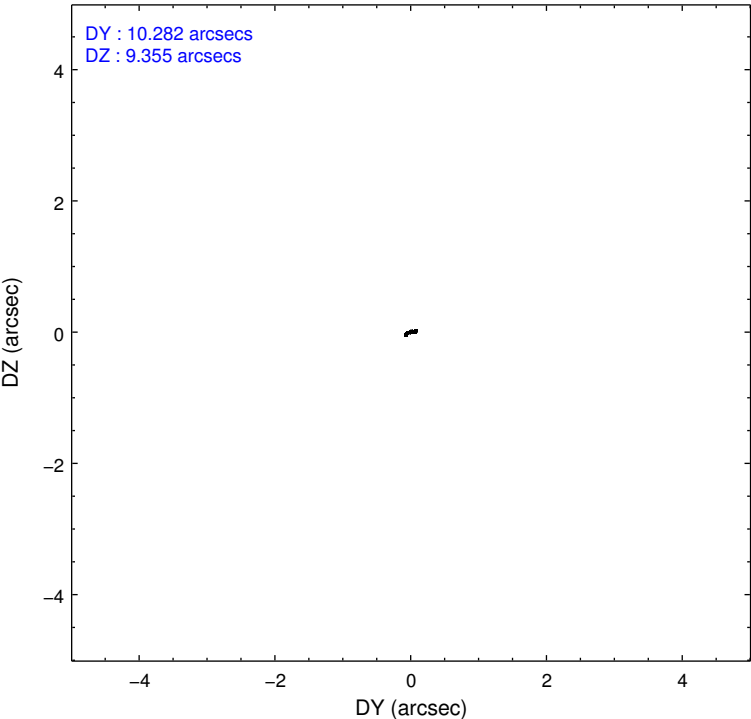
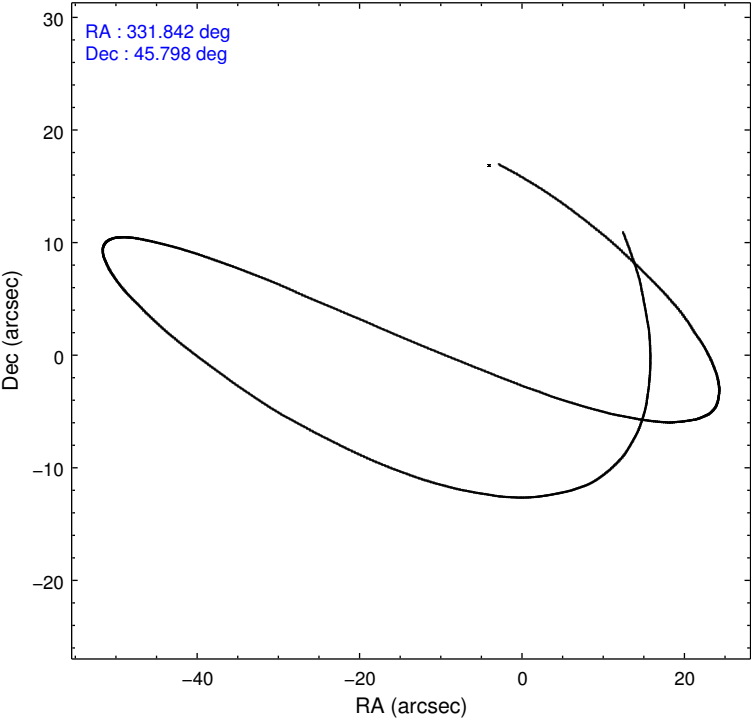
Level 1 Events

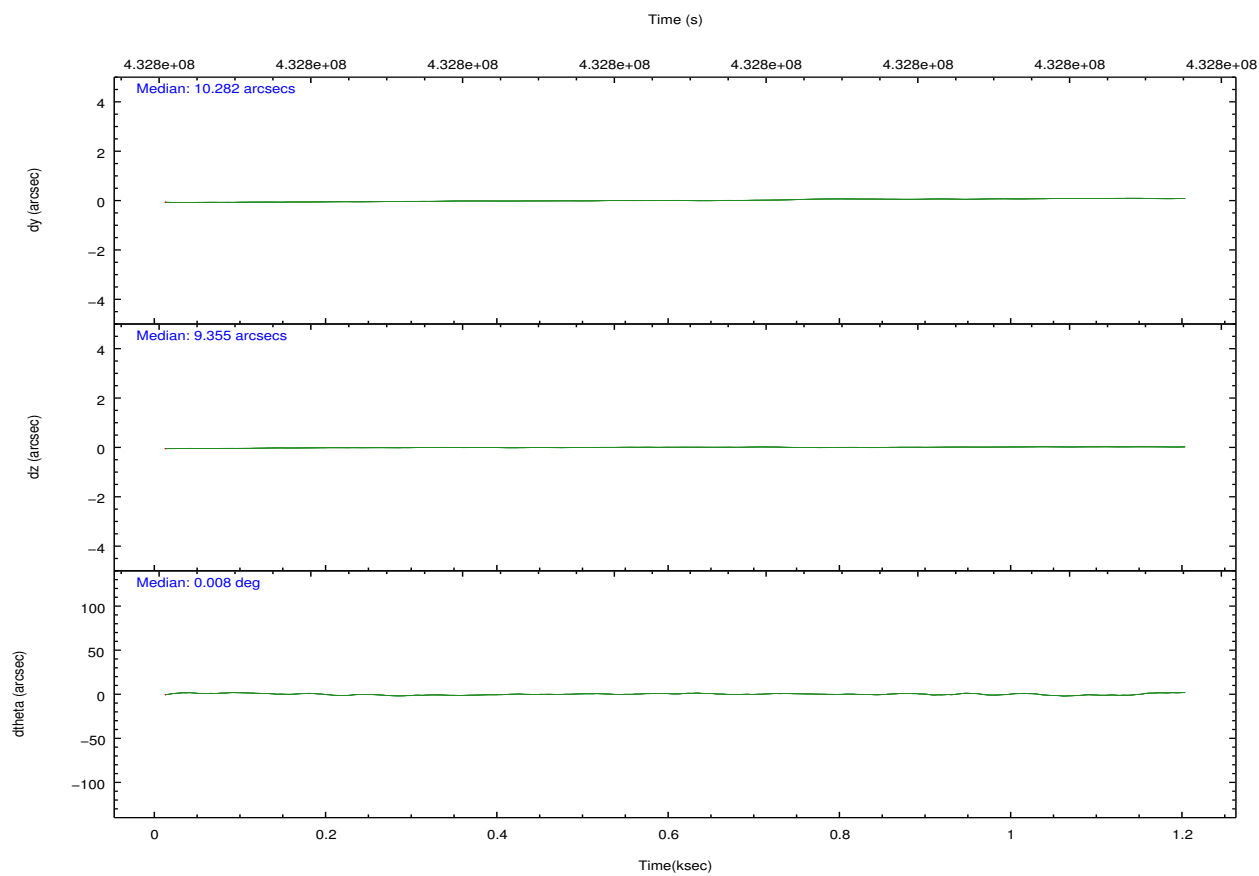
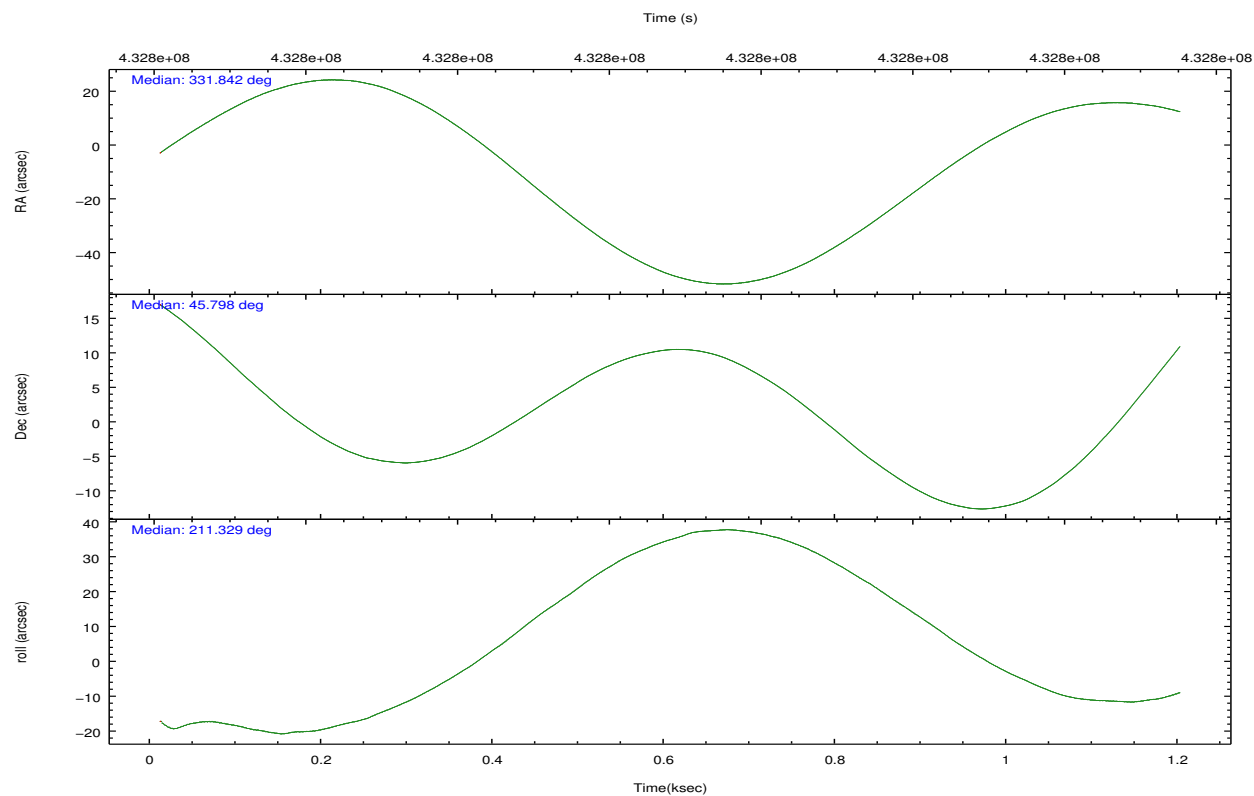
	segment 0
level 1 events	132286
rejected events	19573
rejected %	14%

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	331.856702	331.8401243599851			
[deg] Pointing Dec	45.822833	45.79789358627281			
[deg] Pointing Roll	211.418974	211.3352547534248			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9829799899862			
[mm] SIM translation stage offset	0	0.002508901615314585			
[s] Observation start time (MET)	432798475.184000	432798099.54916			
Observation start date	2011-09-19T05:46:49	2011-09-19T05:41:39			
[s] Observation end time (MET)	432799475.184000	432799612.44924			
Observation end date	2011-09-19T06:03:29	2011-09-19T06:06:52			

2.3 Aspect



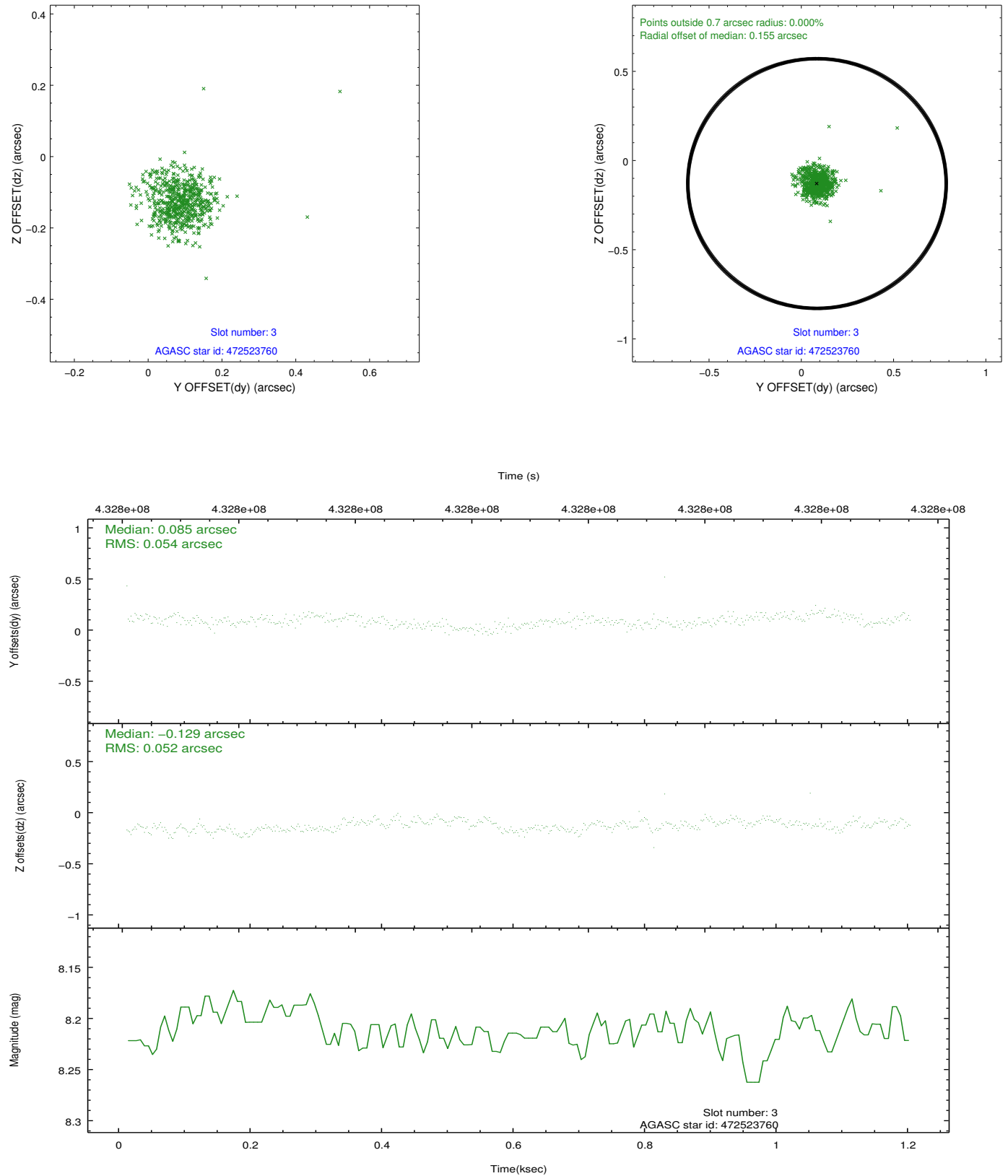


Slot Statistics

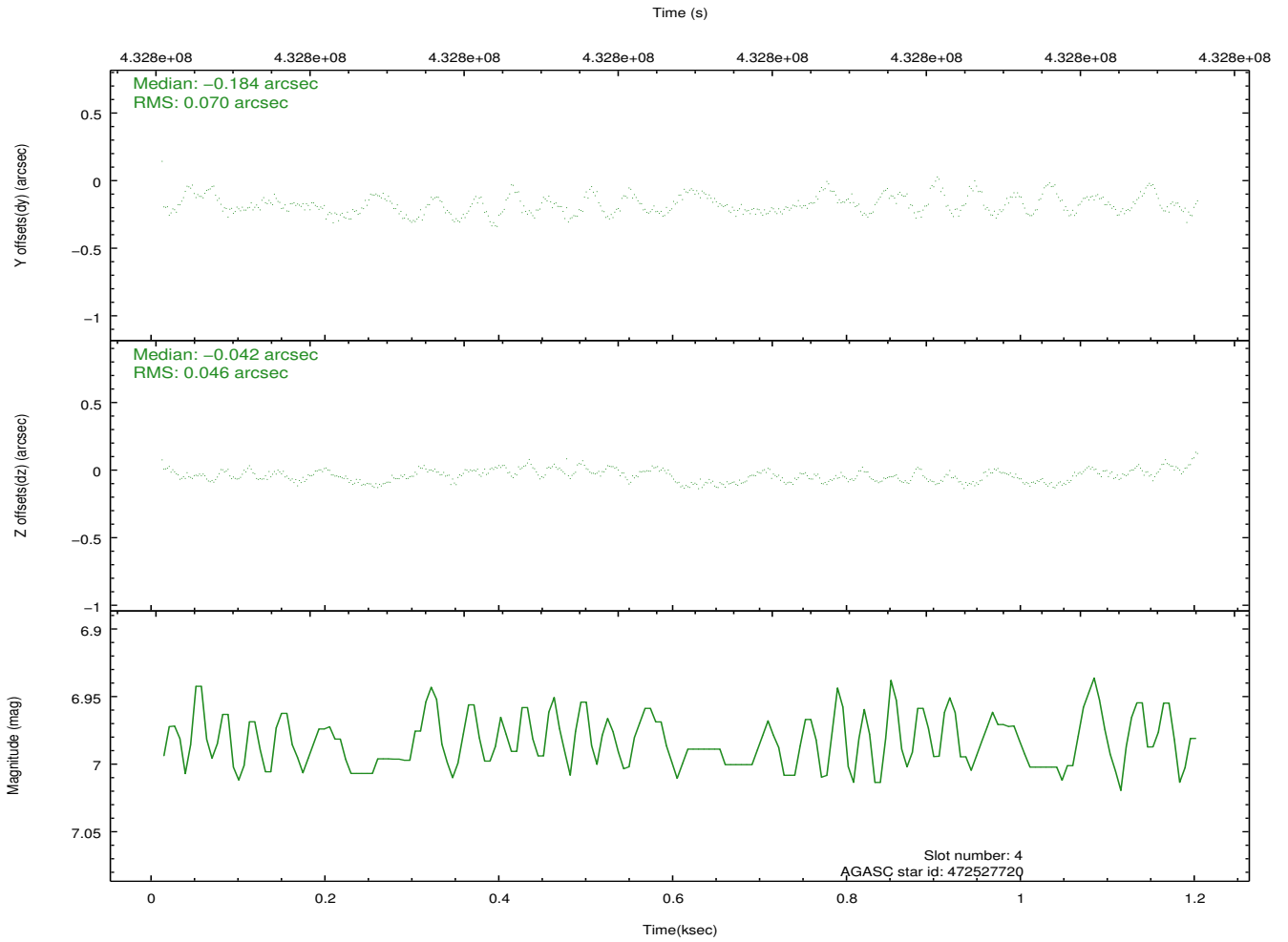
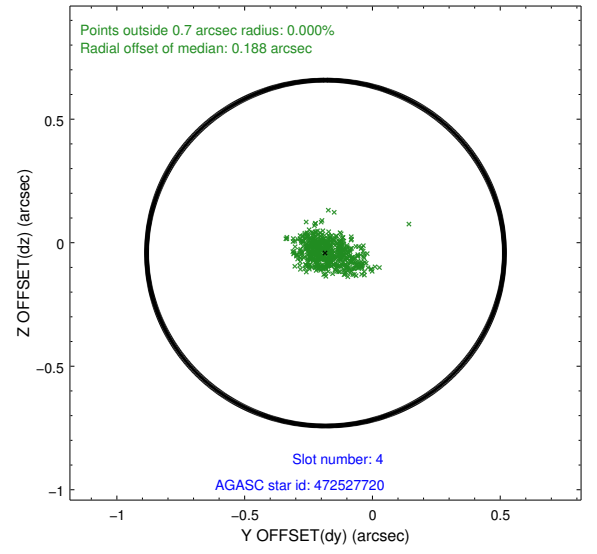
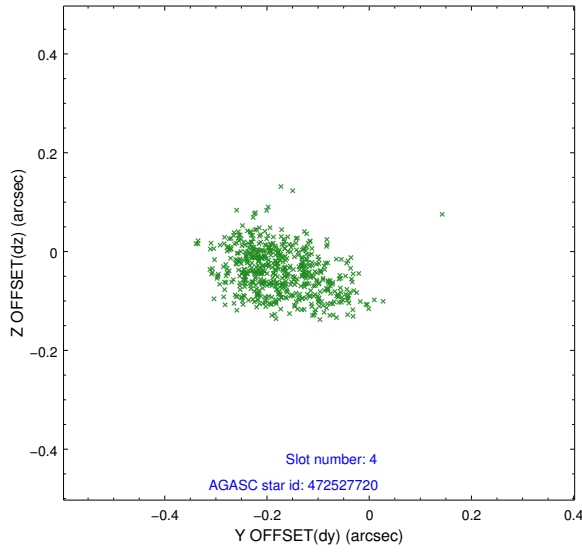
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	291	-0.054	0.008	0.009	0.018	0.000000	0.000000	-766.02	-1297.26
1	FID	HRC-I-2	6.99	291	0.203	-0.117	0.007	0.013	0.000000	0.000000	844.23	-1303.41
2	FID	HRC-I-3	7.04	291	-0.029	0.020	0.008	0.023	0.000000	0.000000	-1191.58	1002.83
3	GUIDE	472523760	8.21	582	0.085	-0.129	0.073	0.117	331.645363	45.403260	1244.76	1006.00
4	GUIDE	472527720	6.99	582	-0.184	-0.042	0.087	0.147	331.460205	45.112509	2194.98	1653.00
5	GUIDE	472533912	9.14	581	0.088	0.073	0.125	0.210	331.791136	46.368695	-879.69	-1763.06
6	GUIDE	472536328	8.12	582	-0.013	0.142	0.064	0.102	331.496671	46.454831	-424.70	-2415.65
7	GUIDE	472655152	9.42	581	0.021	-0.049	0.116	0.199	332.504239	45.862991	-1463.20	709.16

2.4 Star Slots

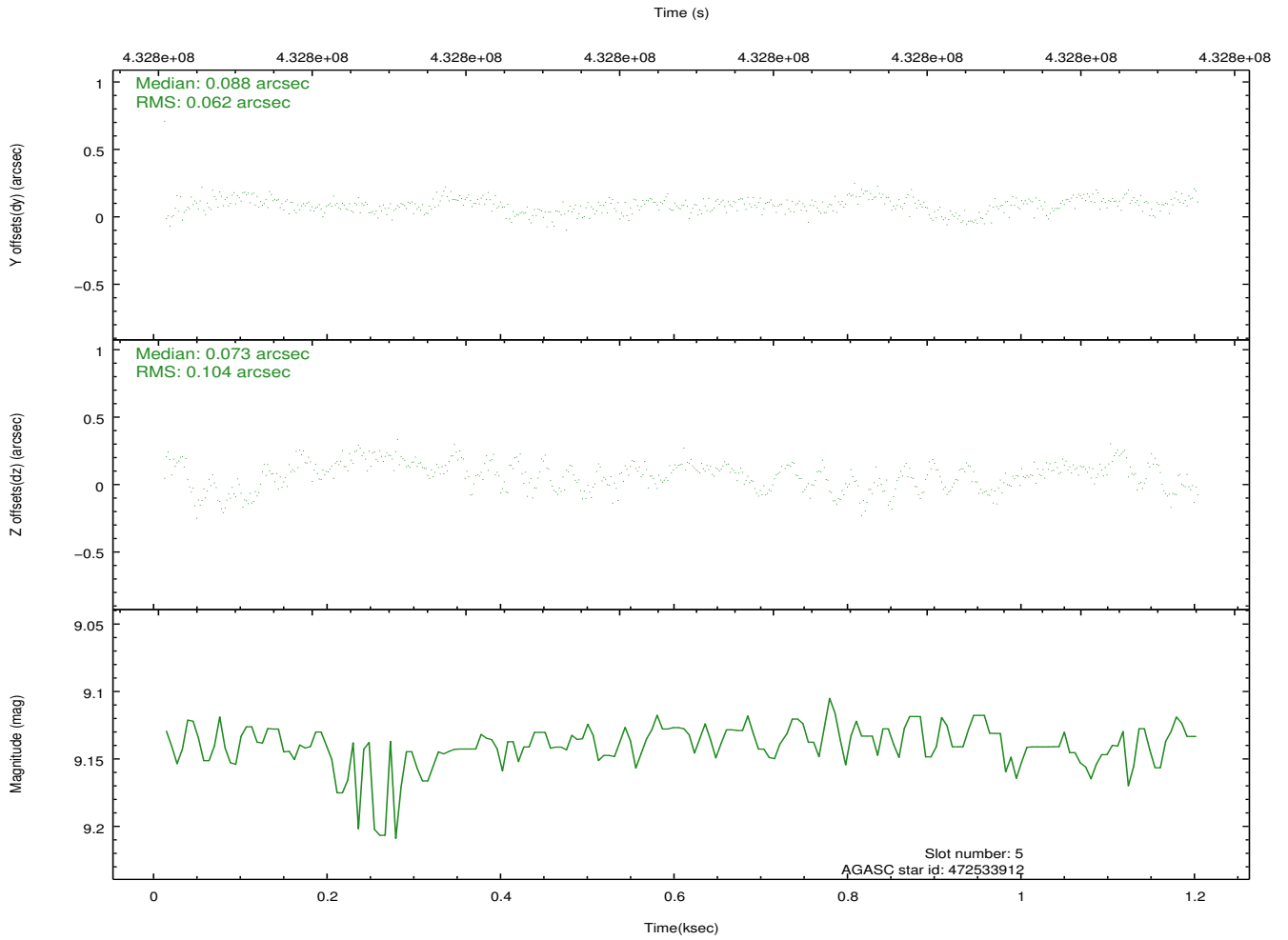
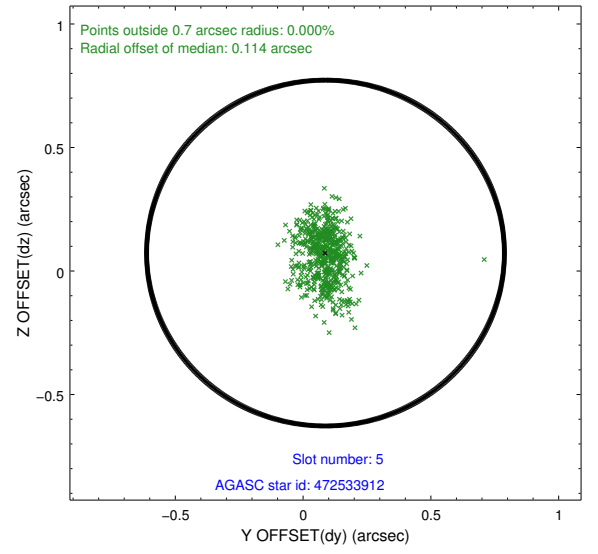
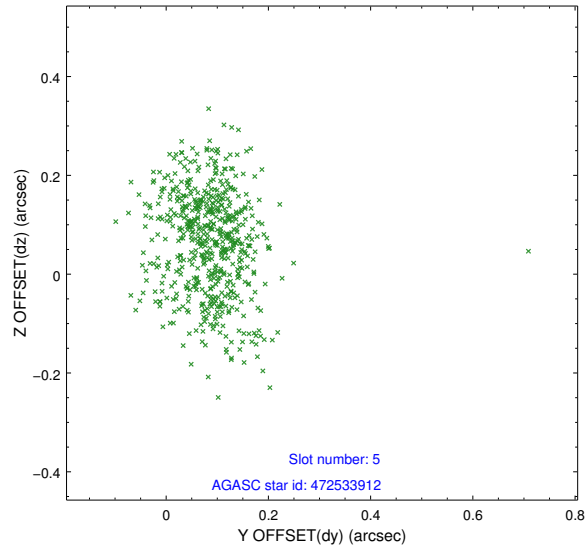
2.4.1 Slot 3



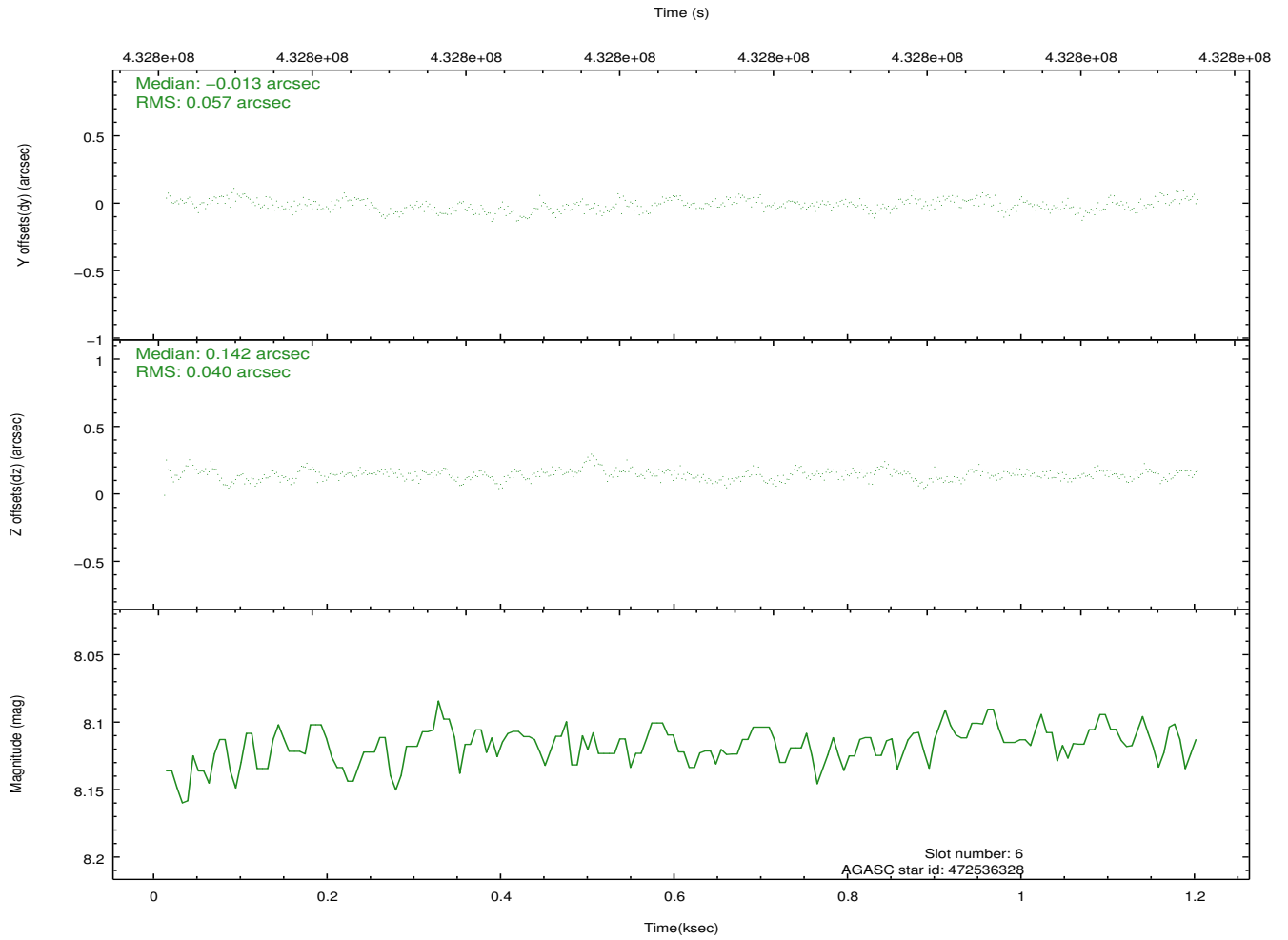
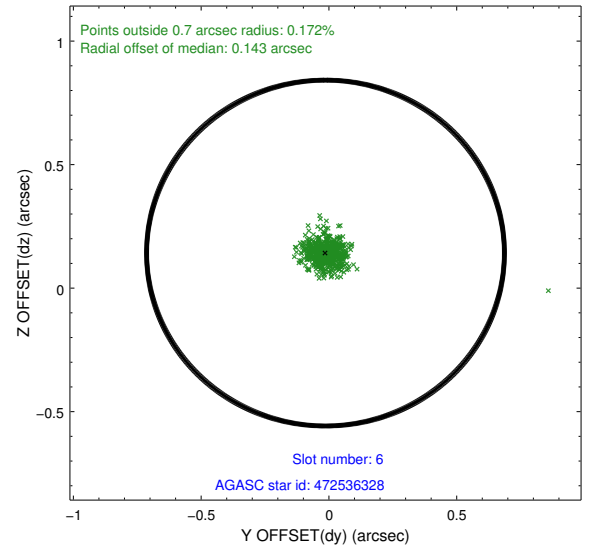
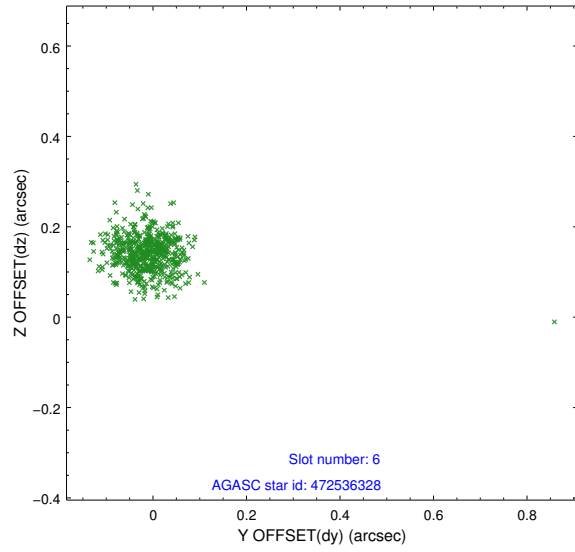
2.4.2 Slot 4



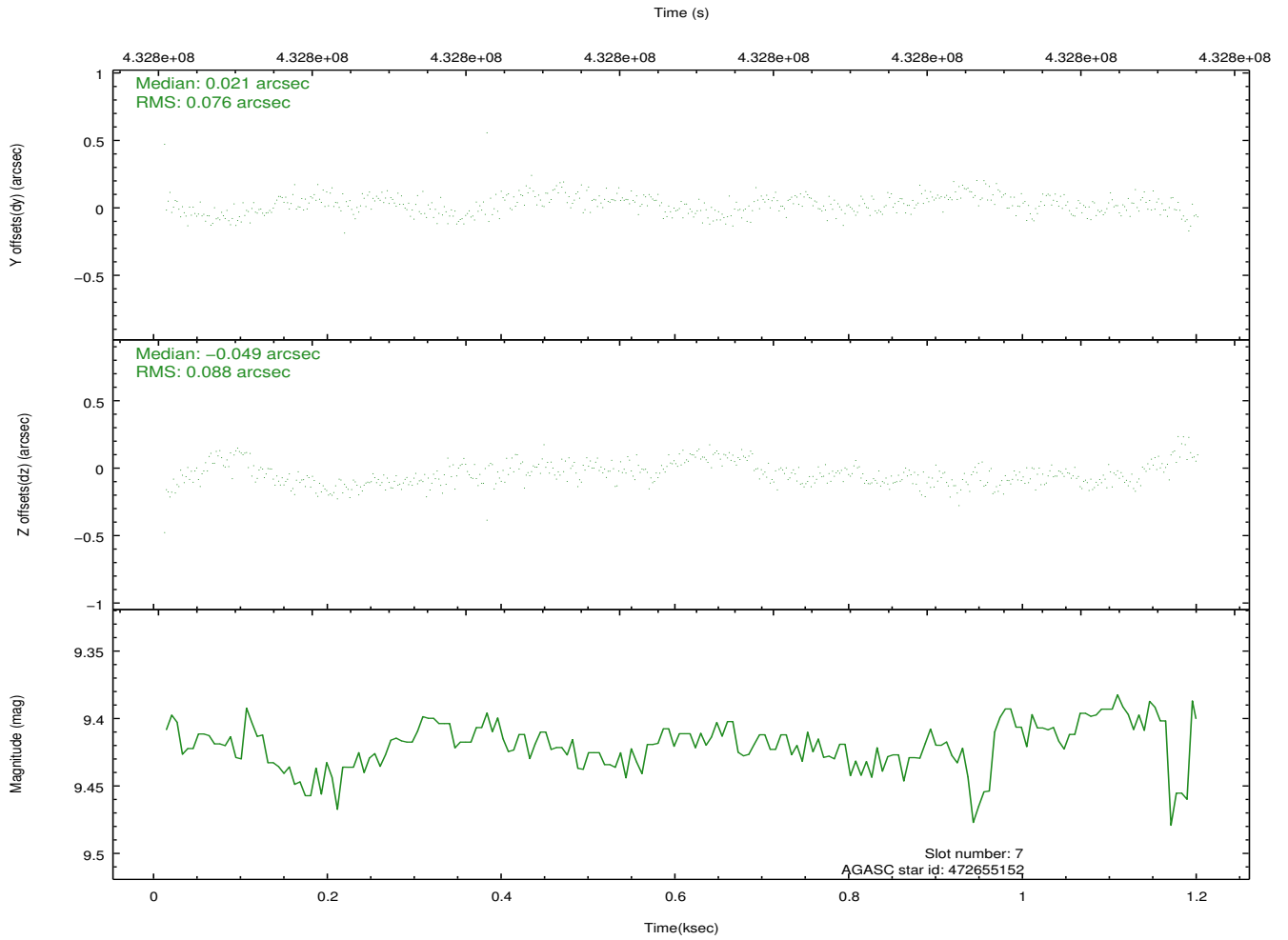
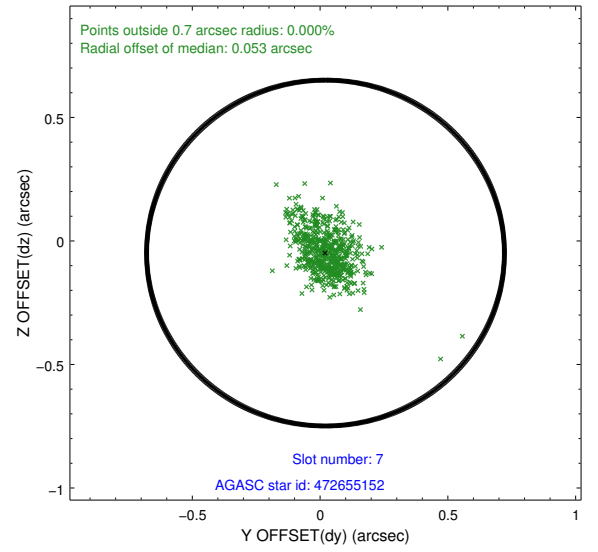
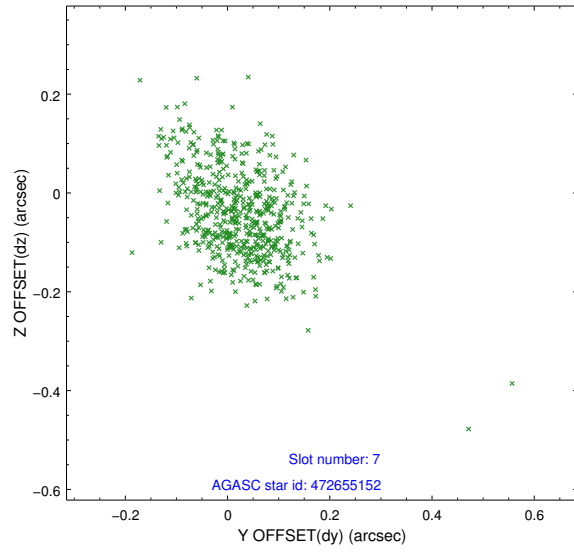
2.4.3 Slot 5



2.4.4 Slot 6

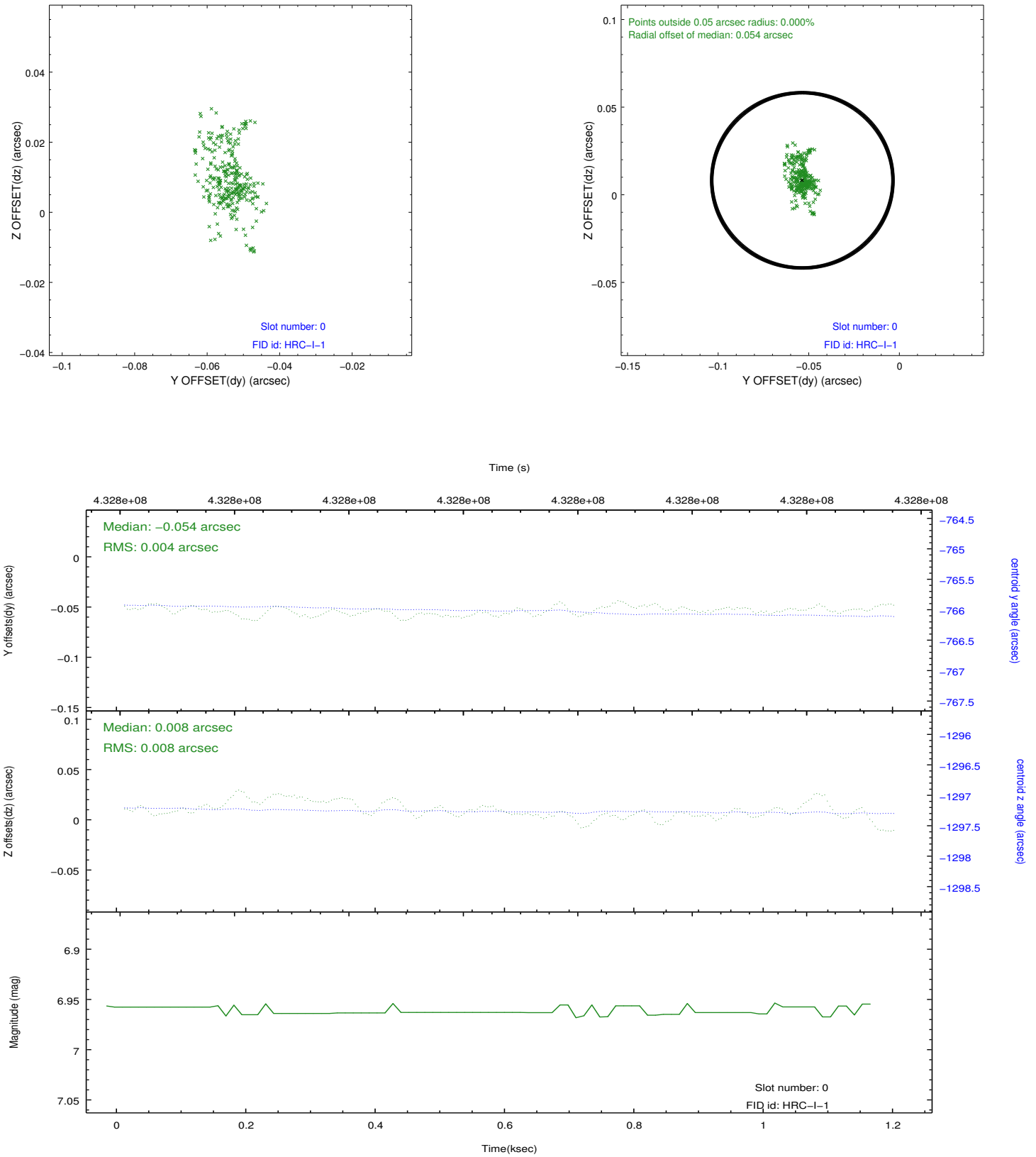


2.4.5 Slot 7

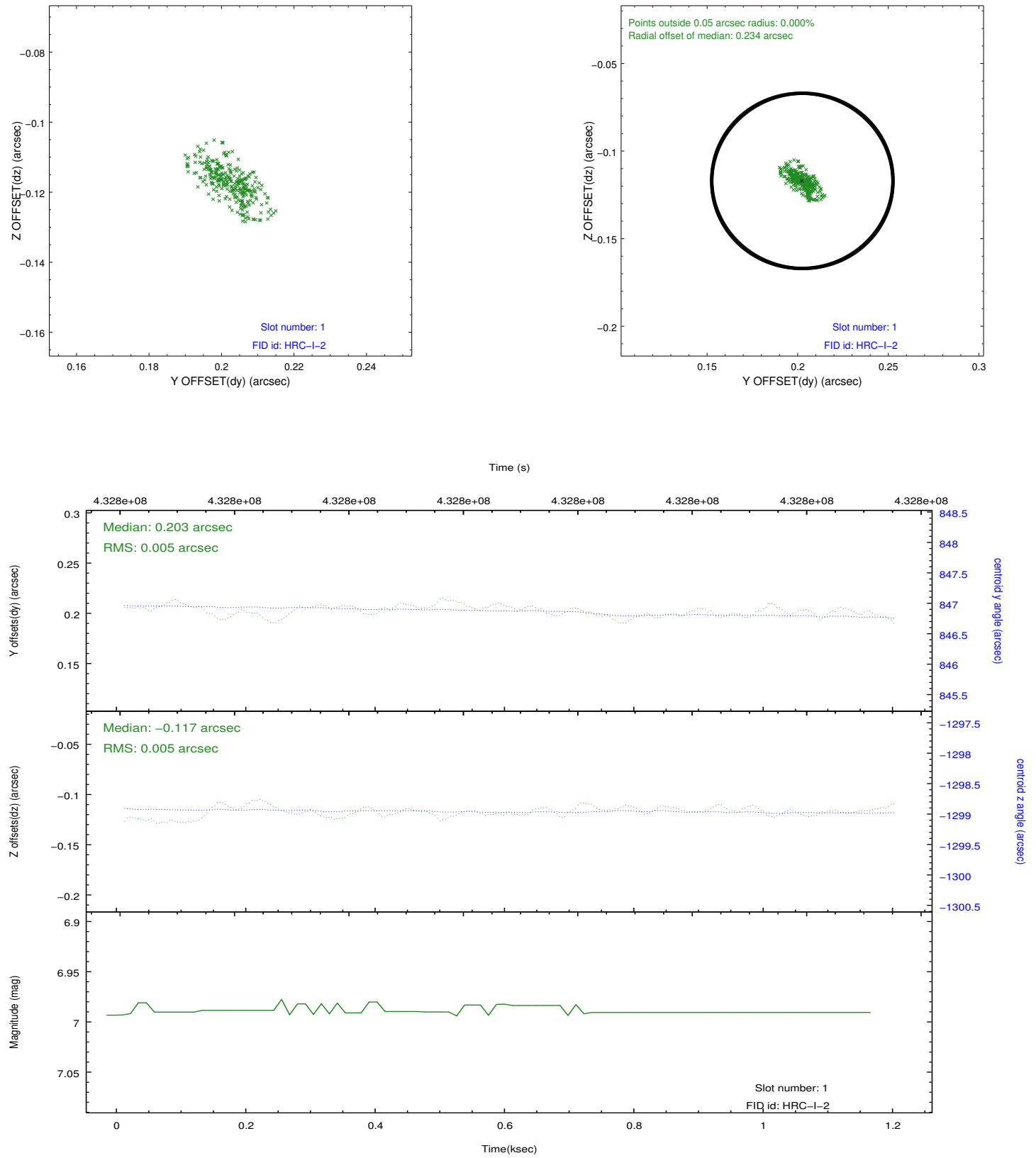


2.5 FID Slots

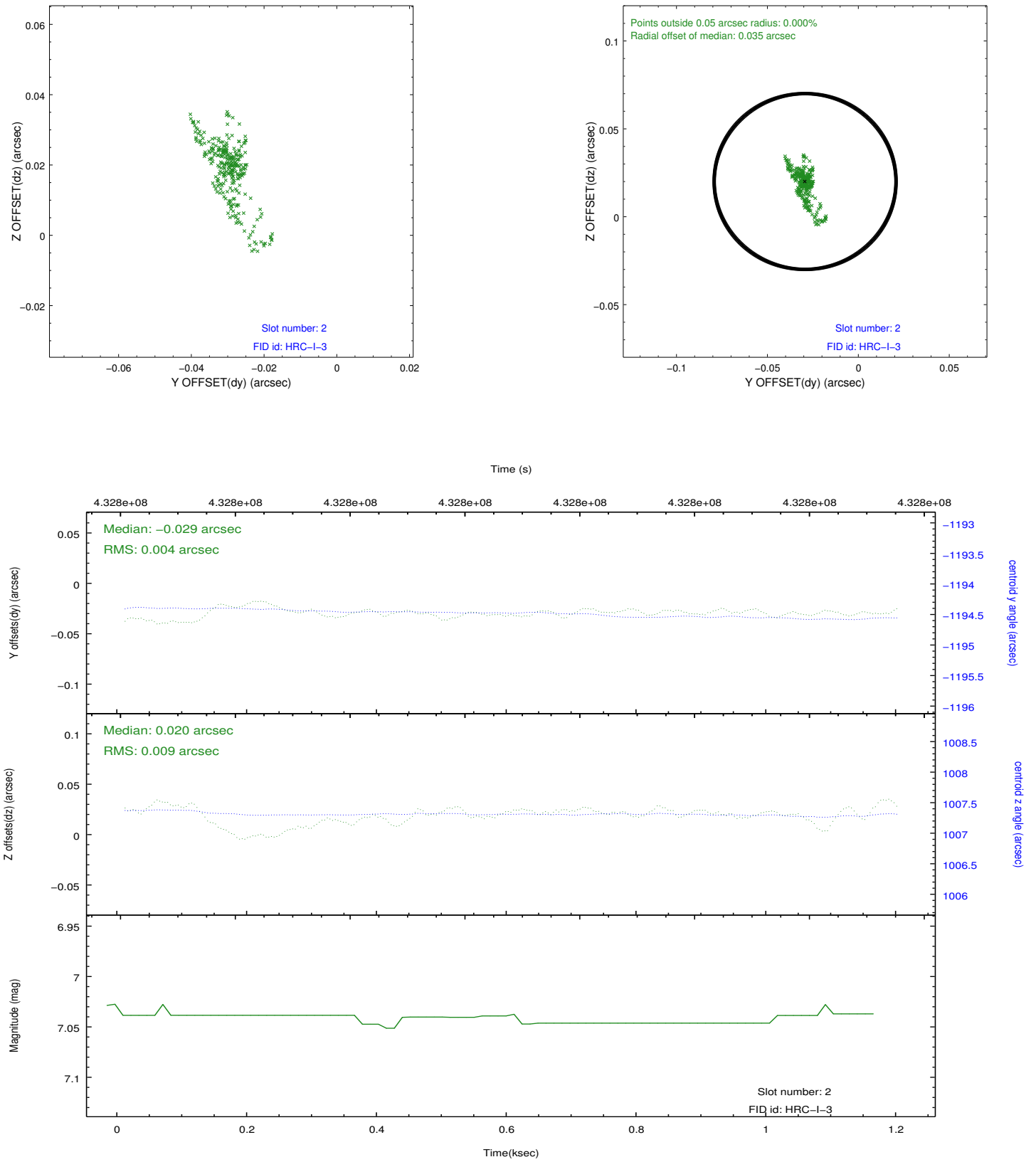
2.5.1 Slot 0



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)	2012.08.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1902813124061

A.2 Comments