

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2607 - L2 Version 4
Chandra X-Ray Center

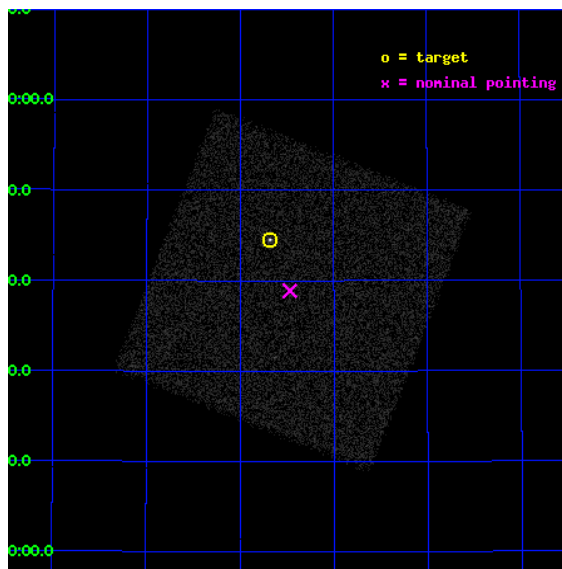
L2 Processing Date : Oct 1 2012

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1 Front

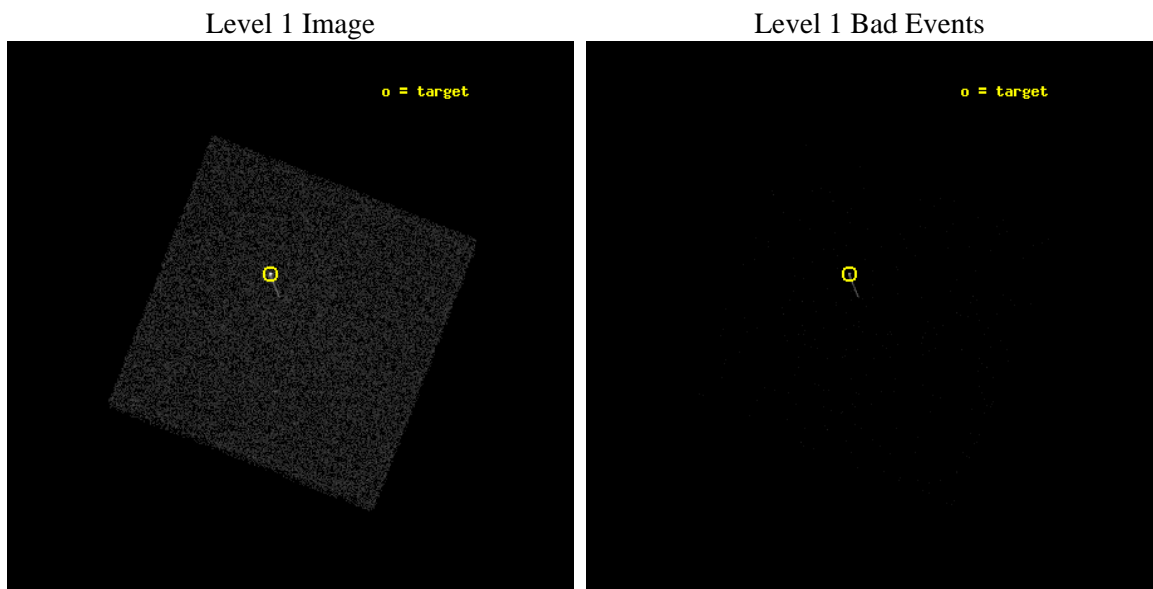
seq_num	290163	Sequence number
obs_id	2607	Observation id
title	AO3 HRC-I CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC	Proposal tit
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.11727402387	Nominal RA [deg]
dec_nom	45.648150412662	Nominal Dec [deg]
roll_nom	336.45147068359	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1192.0750480294	[s]
livetime	1185.4893155035	Ontime multiplied by DTCOR
l2events	36756	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	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1192.0750480294	[s]
caldbver	4.5.2	 	l1events	66792	Number of level 1 events
date	2012-10-01T03:04:32	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

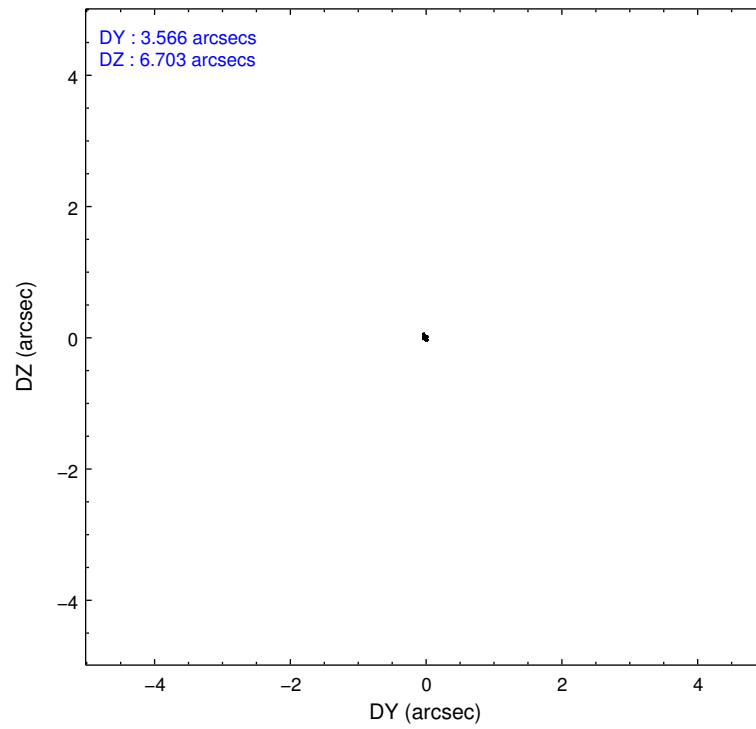
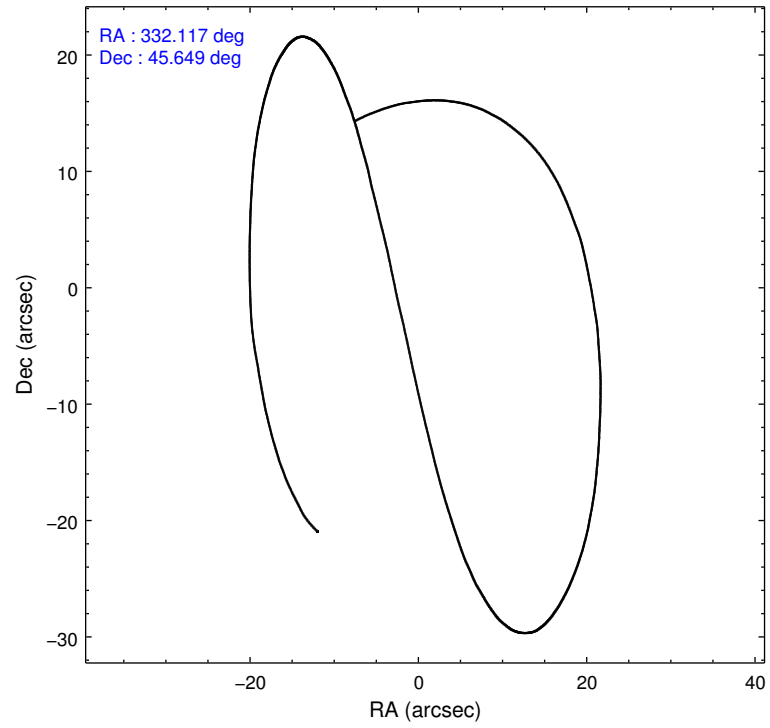
Level 1 Events

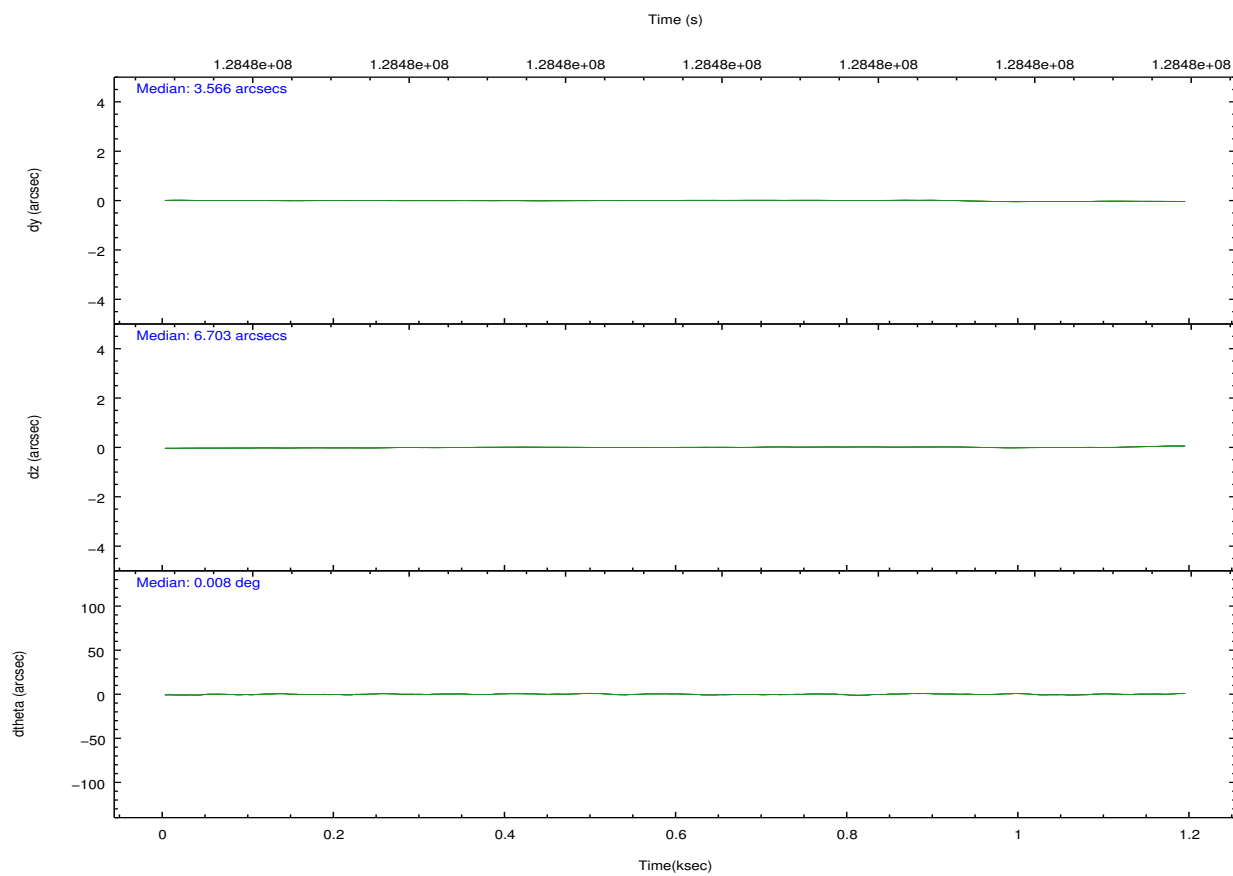
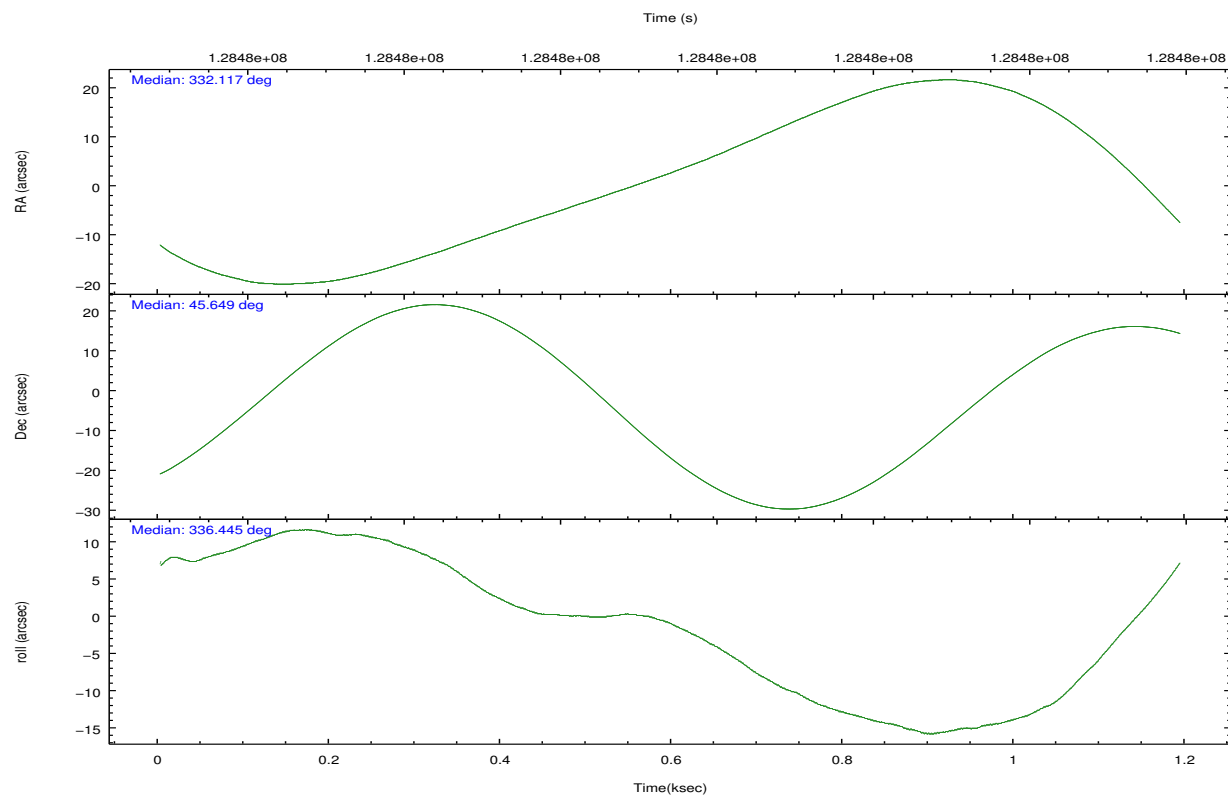
	segment 0
level 1 events	66792
rejected events	13818
rejected %	20%

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	332.078684	332.1172740238667			
[deg] Pointing Dec	45.643891	45.64815041266228			
[deg] Pointing Roll	336.574603	336.4514706835851			
[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)	128478339.184000	128477963.35226			
Observation start date	2002-01-27T00:24:35	2002-01-27T00:19:23			
[s] Observation end time (MET)	128479339.184000	128479473.17732			
Observation end date	2002-01-27T00:41:15	2002-01-27T00:44:33			

2.3 Aspect



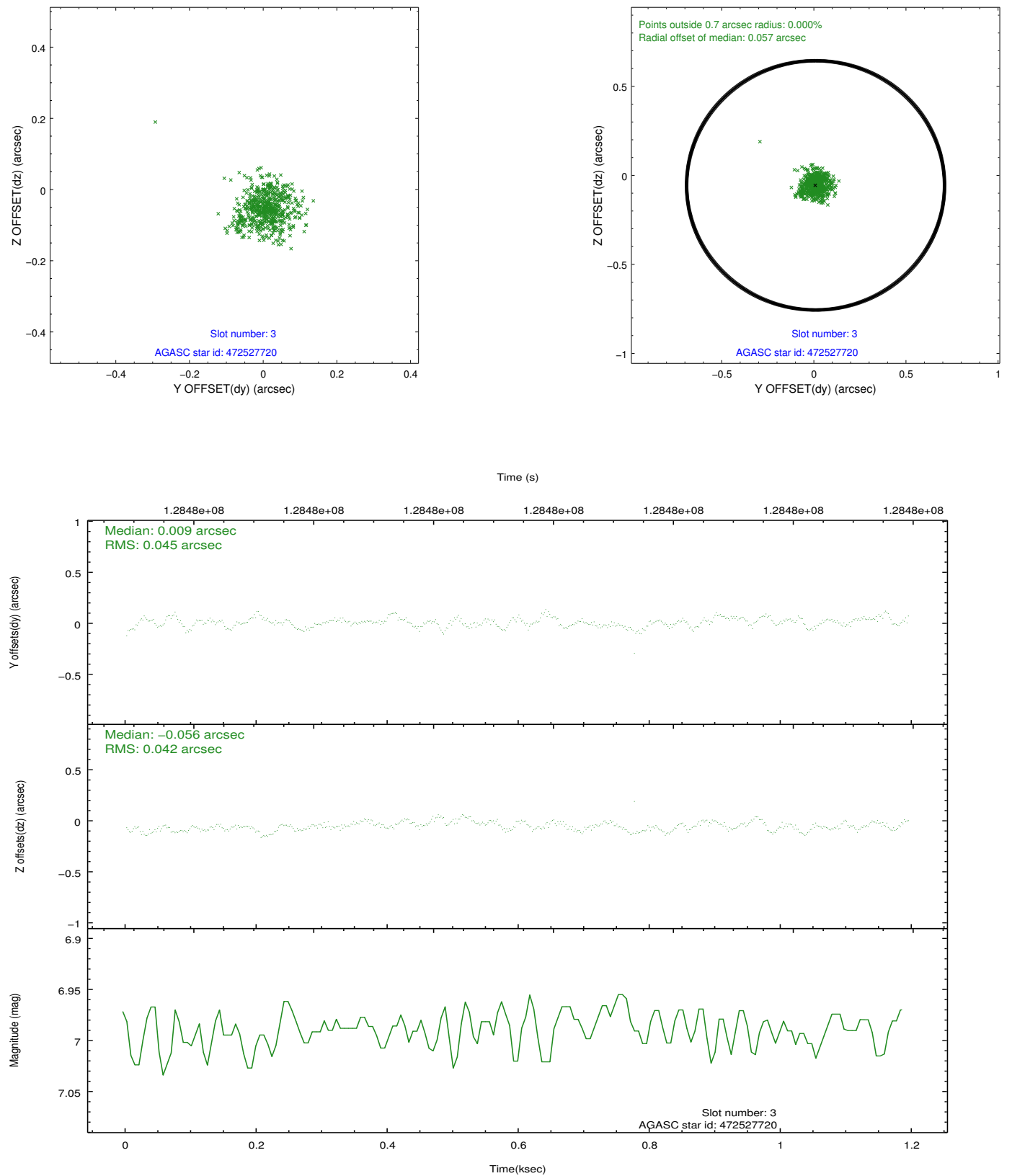


Slot Statistics

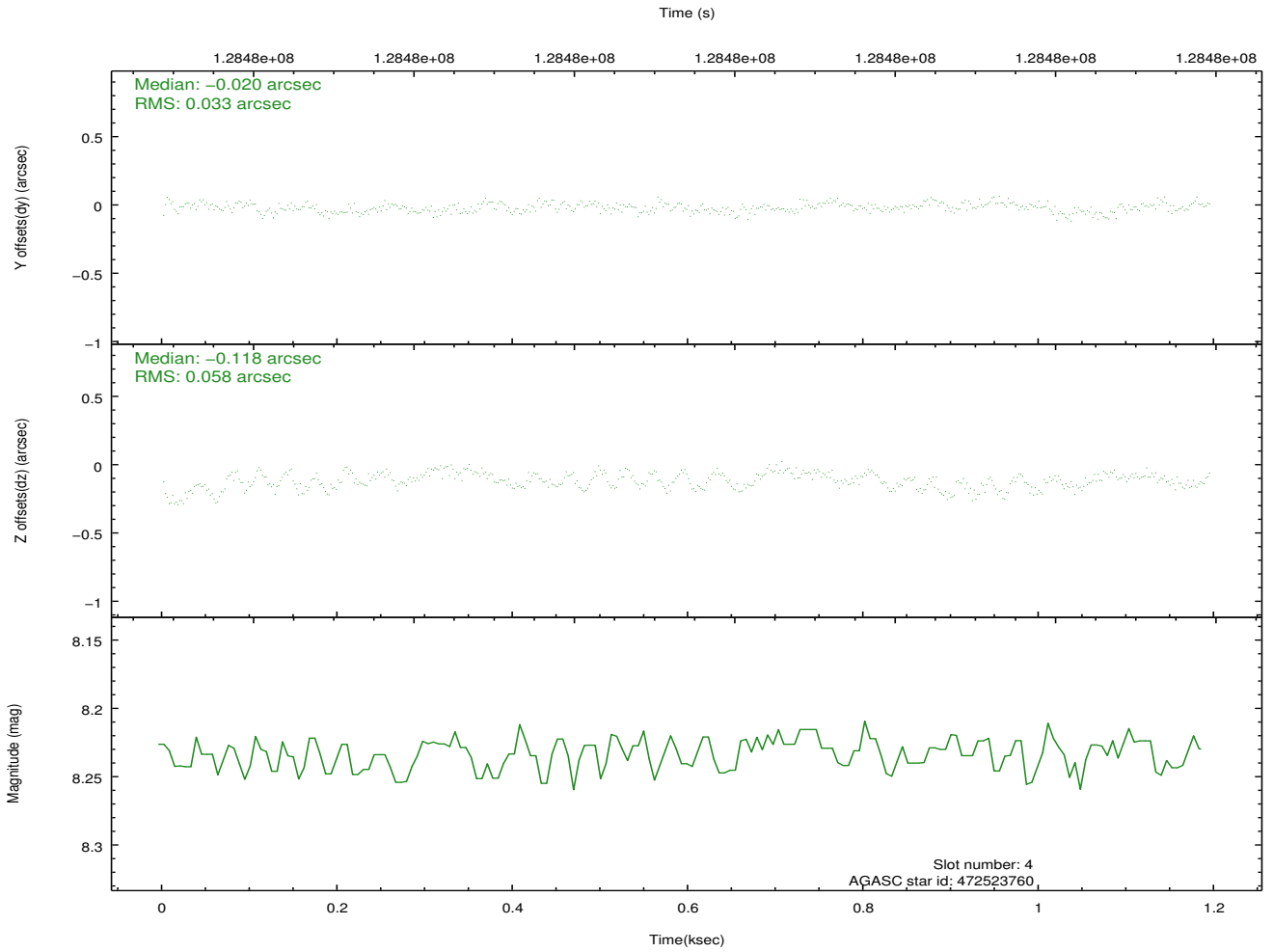
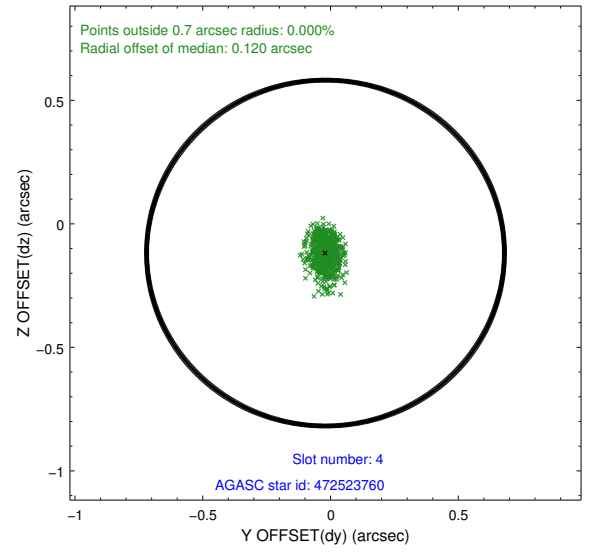
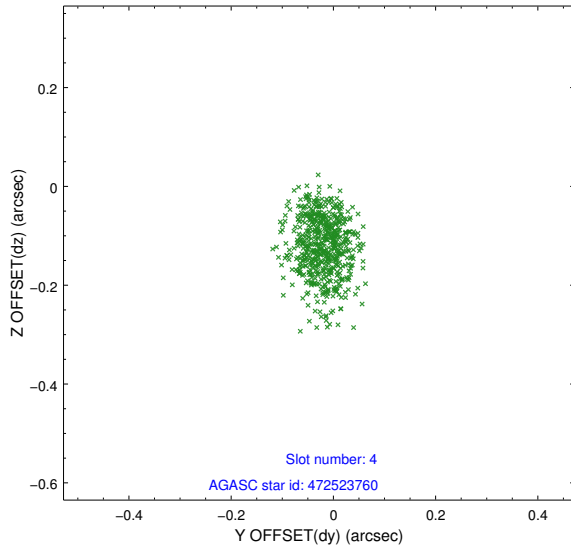
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	6.99	291	0.069	0.002	0.005	0.009	0.000000	0.000000	853.67	-1296.15
1	FID	HRC-I-3	7.04	291	0.007	-0.007	0.006	0.012	0.000000	0.000000	-1184.61	1005.50
2	FID	HRC-I-4	6.98	291	0.042	-0.081	0.006	0.010	0.000000	0.000000	1279.70	1010.97
3	GUIDE	472527720	6.99	583	0.009	-0.056	0.065	0.101	331.460205	45.112509	-682.87	-2377.28
4	GUIDE	472523760	8.23	583	-0.020	-0.118	0.071	0.115	331.645363	45.403260	-662.28	-1234.58
5	GUIDE	472527656	9.14	583	-0.136	-0.019	0.121	0.228	331.004689	45.273362	-1974.01	-2294.07
6	GUIDE	472654568	9.44	581	0.064	0.038	0.090	0.145	332.194449	45.063576	1098.05	-1806.26
7	GUIDE	472655152	9.43	582	0.092	0.145	0.103	0.169	332.504239	45.862991	666.62	1144.91

2.4 Star Slots

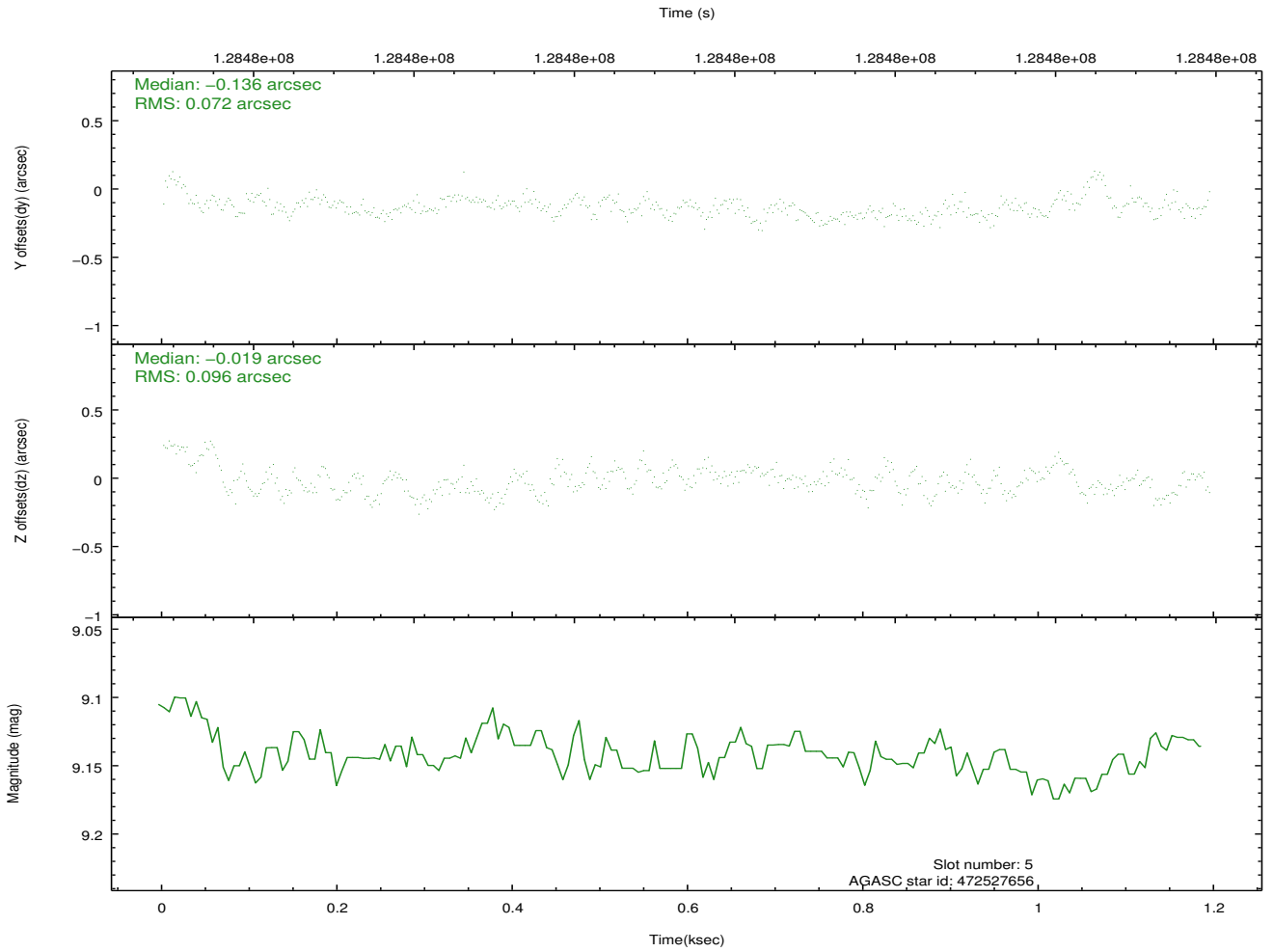
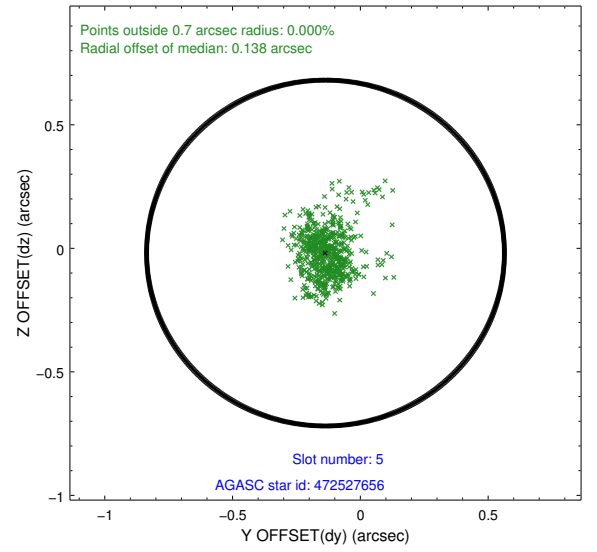
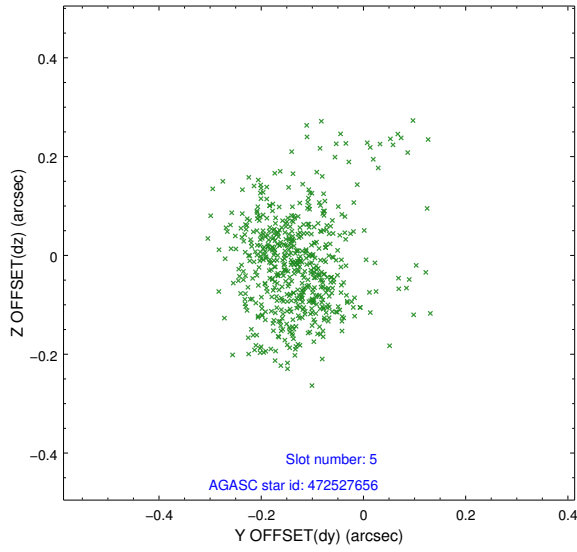
2.4.1 Slot 3



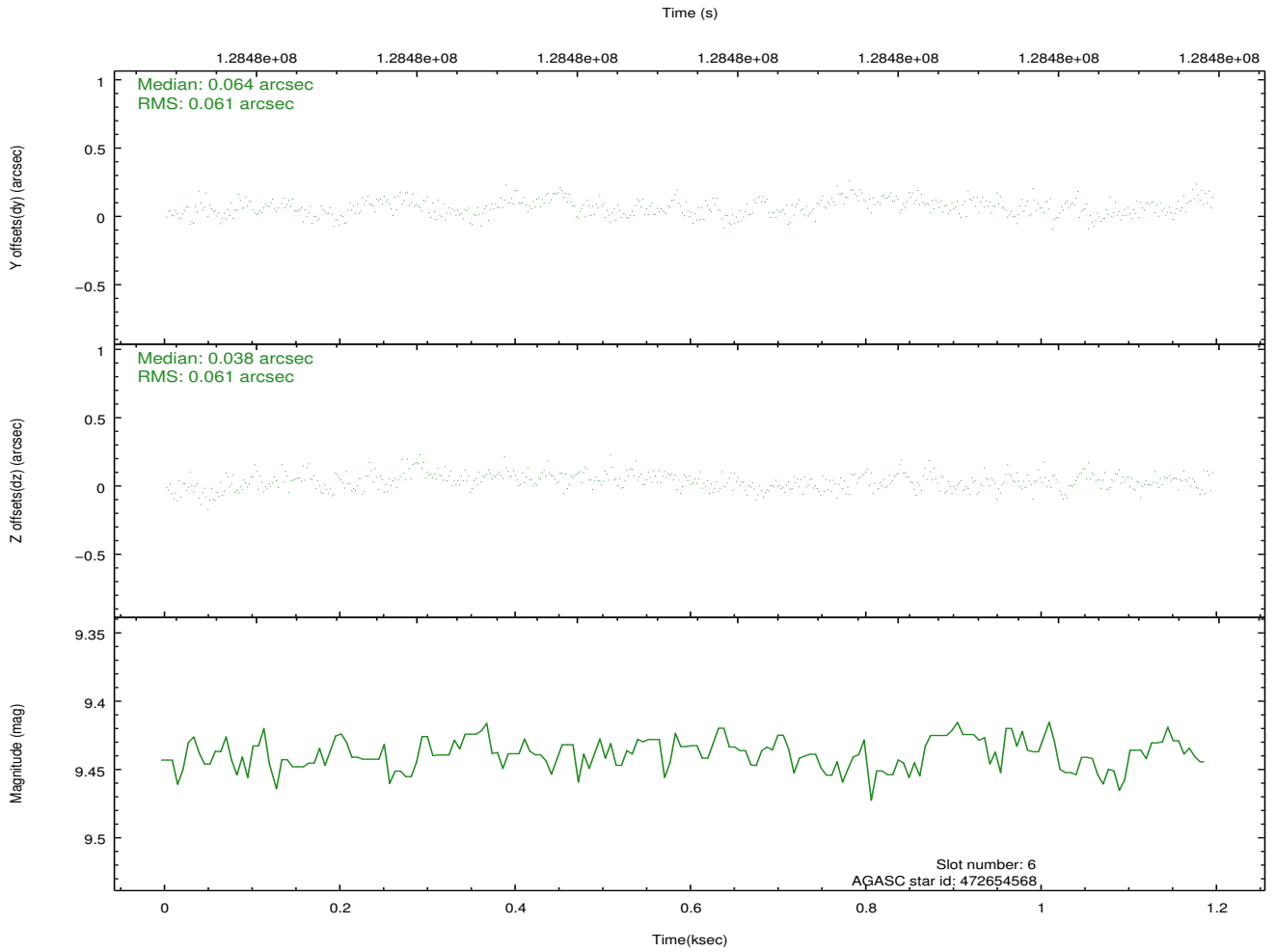
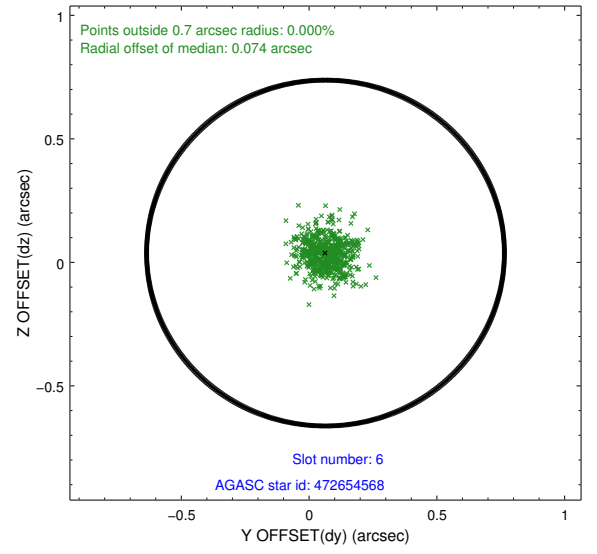
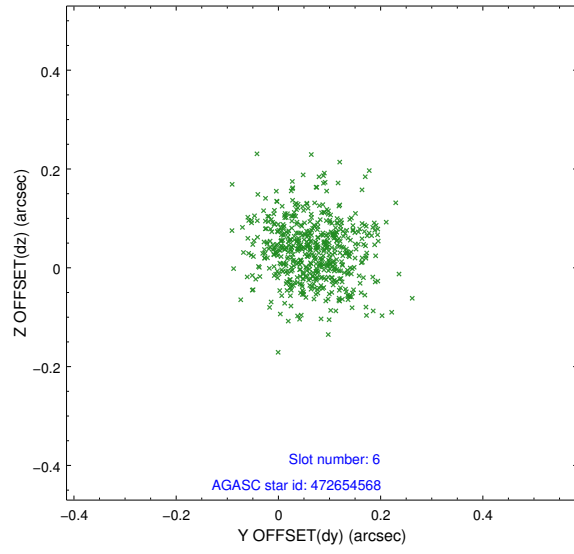
2.4.2 Slot 4



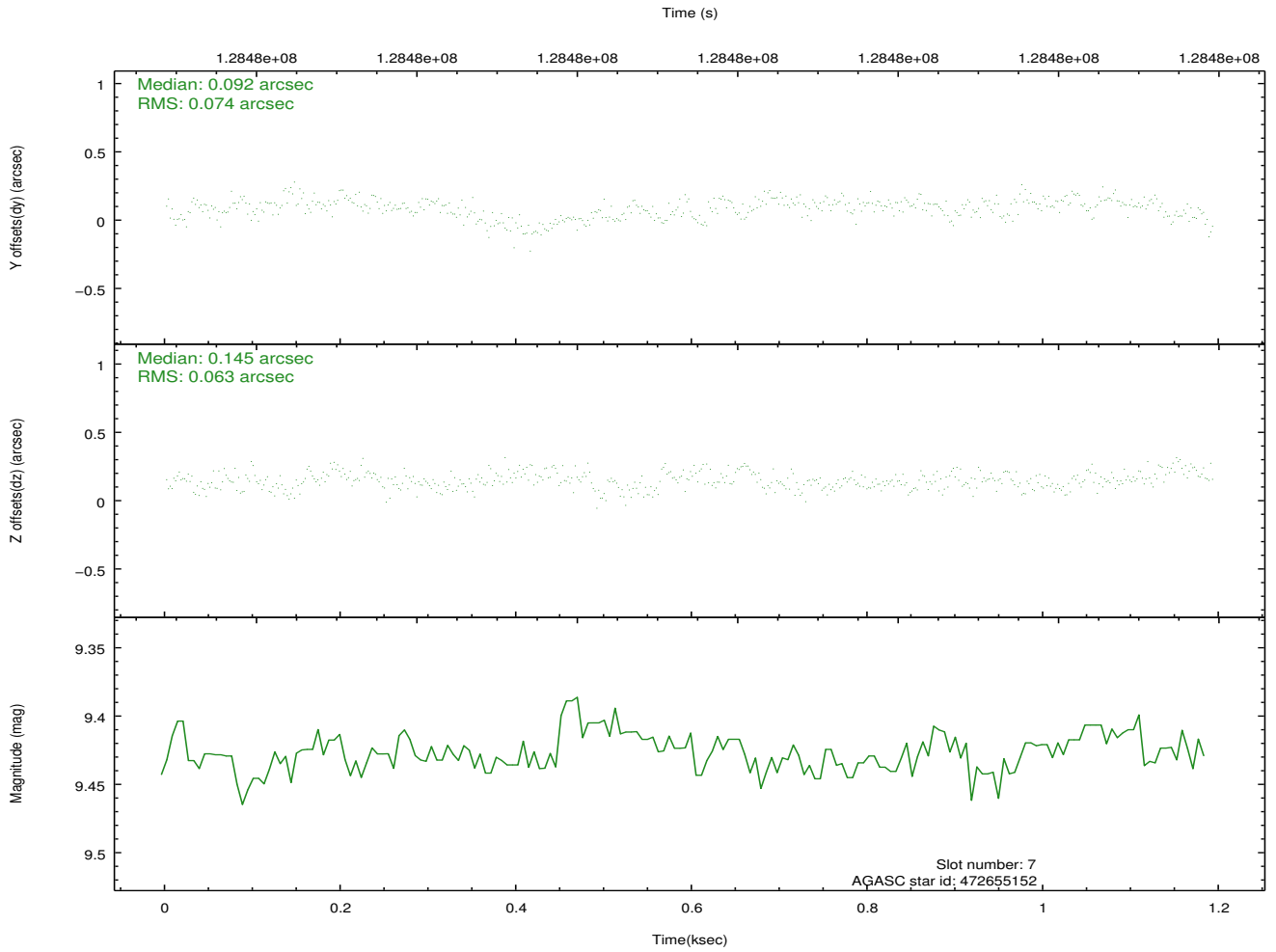
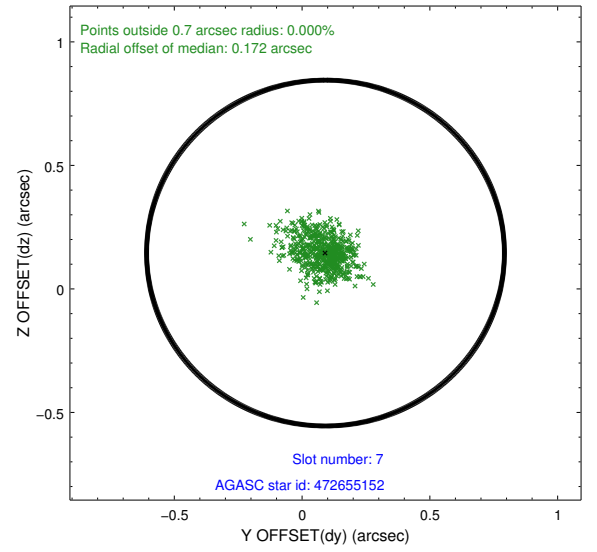
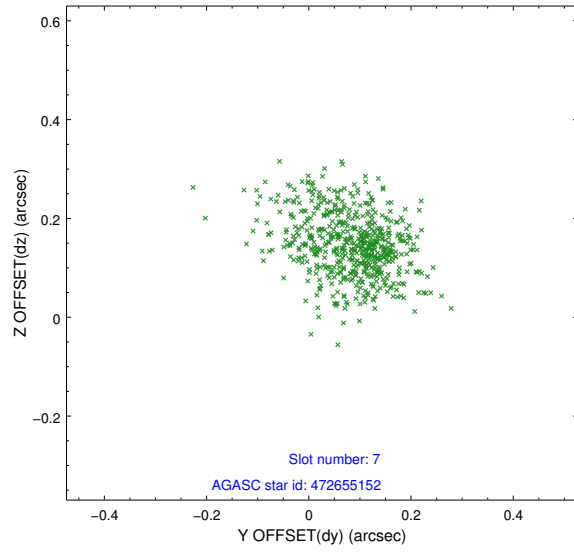
2.4.3 Slot 5



2.4.4 Slot 6

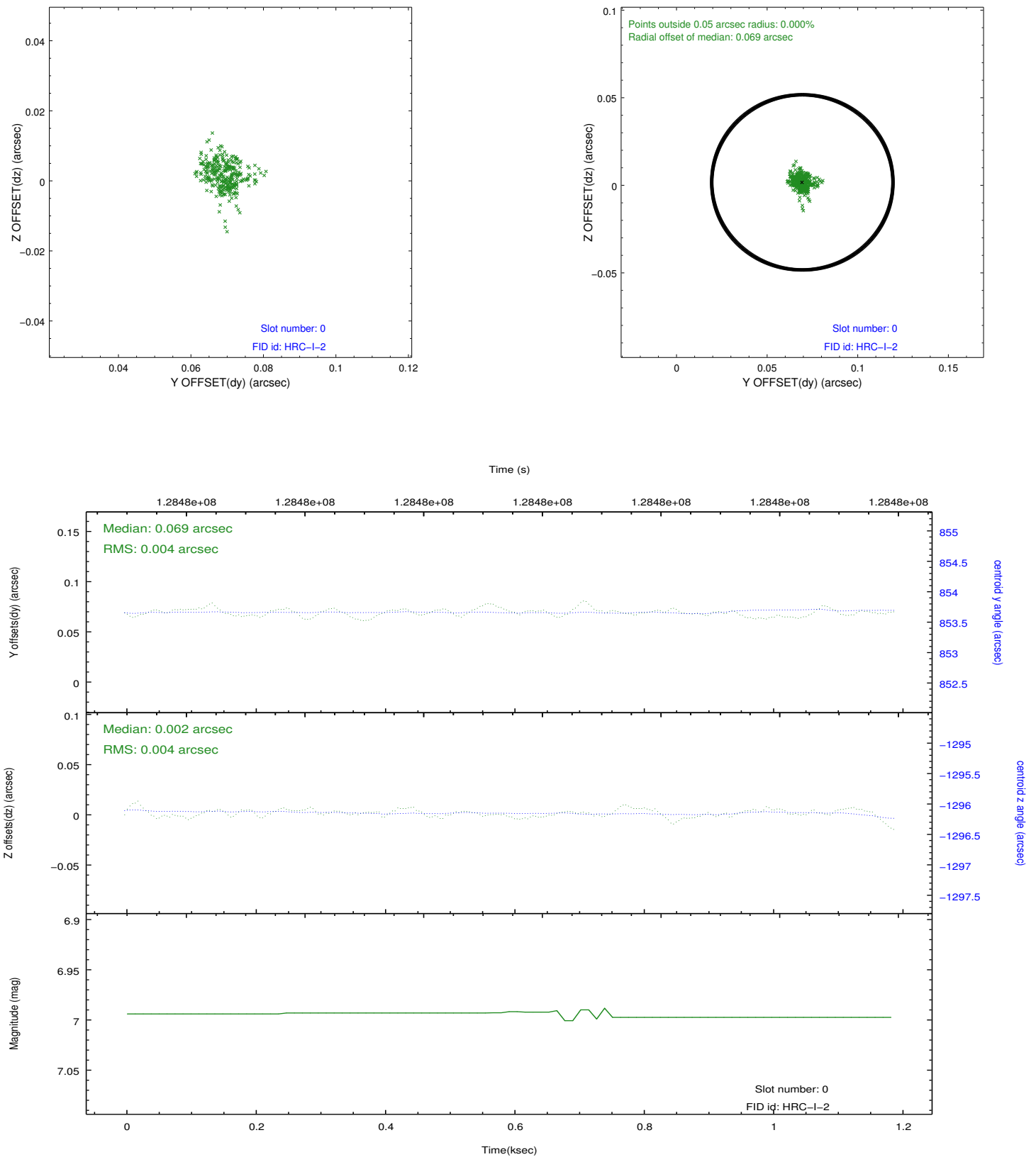


2.4.5 Slot 7

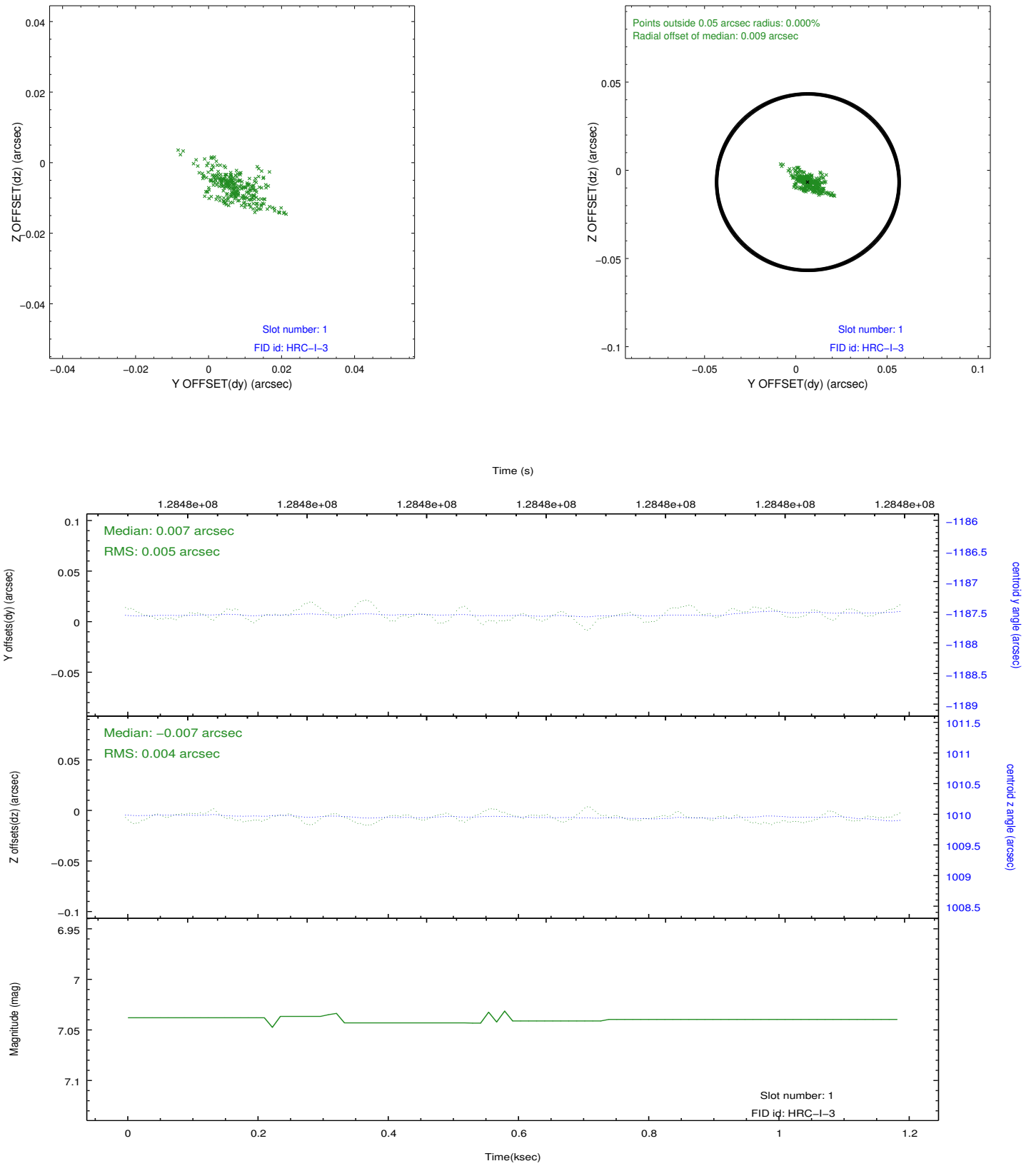


2.5 FID Slots

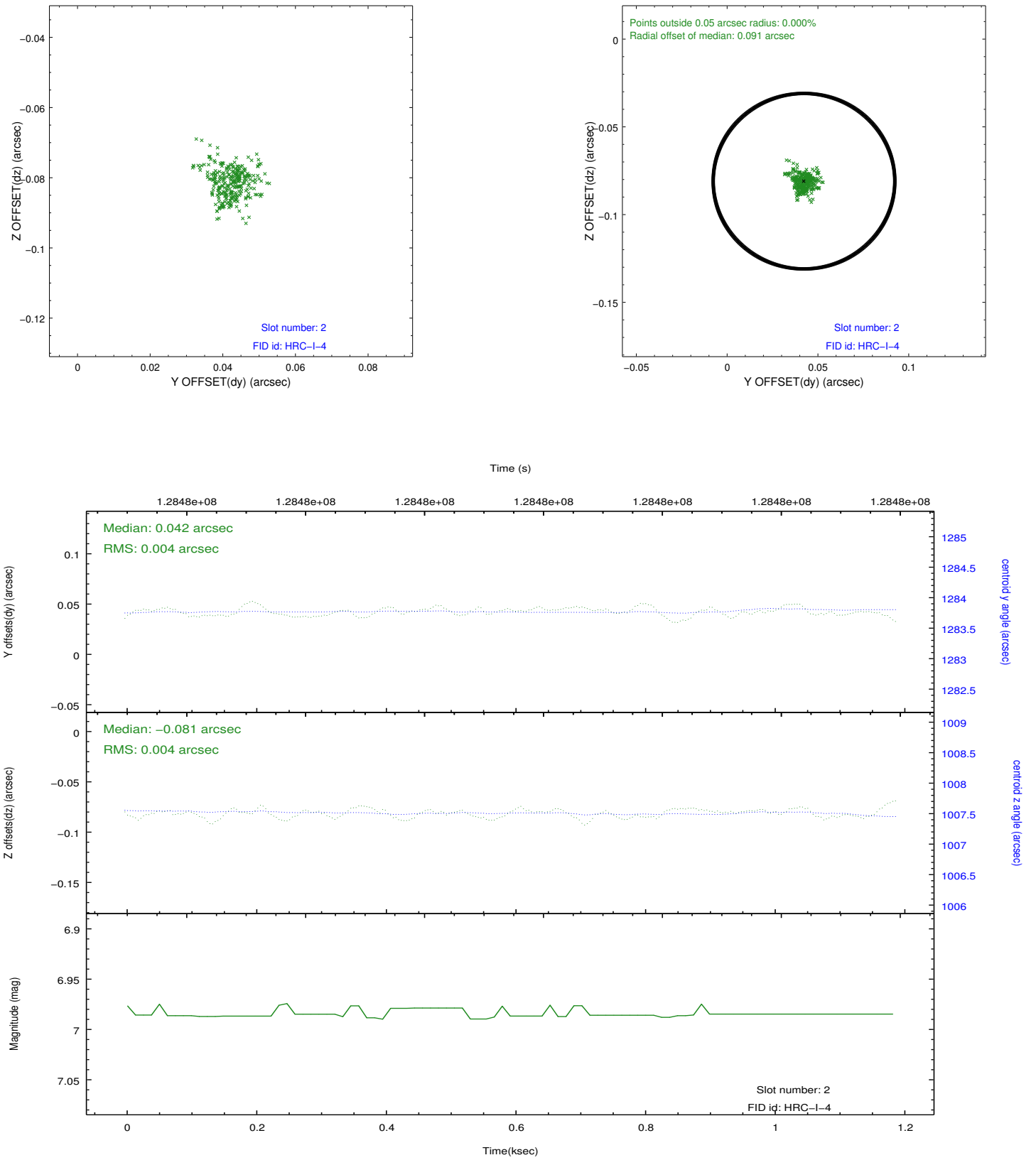
2.5.1 Slot 0



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)	2012.10.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.192

A.2 Comments