

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9649 - L2 Version 3
Chandra X-Ray Center

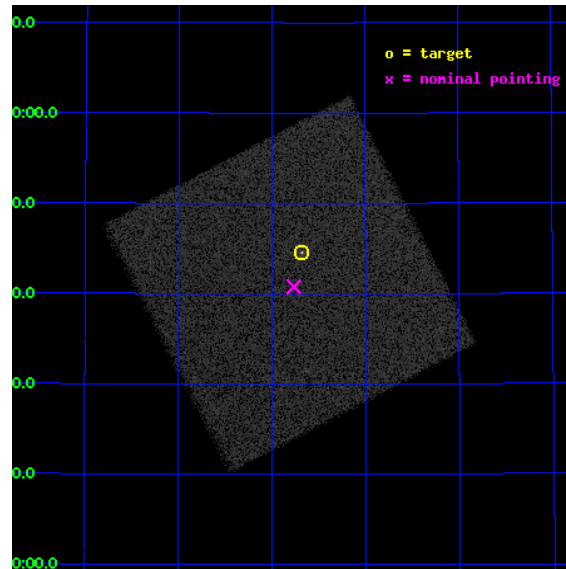
L2 Processing Date : Aug 12 2012

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1 Front

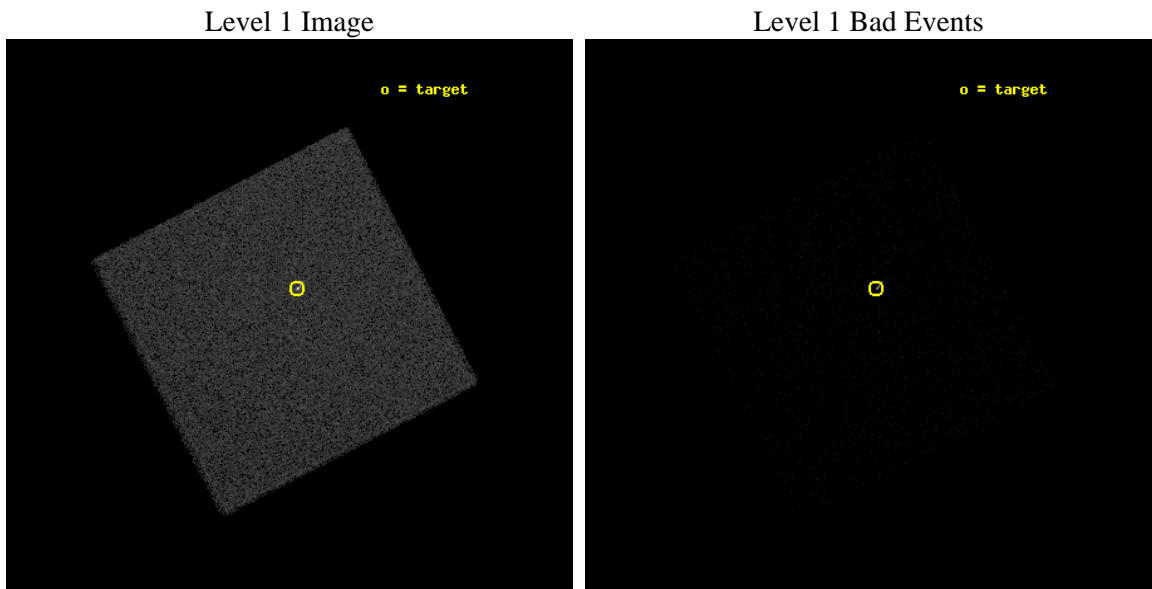
seq_num	290772	Sequence number
obs_id	9649	Observation id
title	AO9 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.19156085238	Nominal RA [deg]
dec_nom	45.679333274707	Nominal Dec [deg]
roll_nom	197.6337721262	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1360.1750668287	[s]
livetime	1345.4476951691	Ontime multiplied by DTCOR
l2events	91477	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	1180.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1360.1750668287	[s]
caldsver	4.5.1.1	 	l1events	163792	Number of level 1 events
date	2012-08-12T19:48:15	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

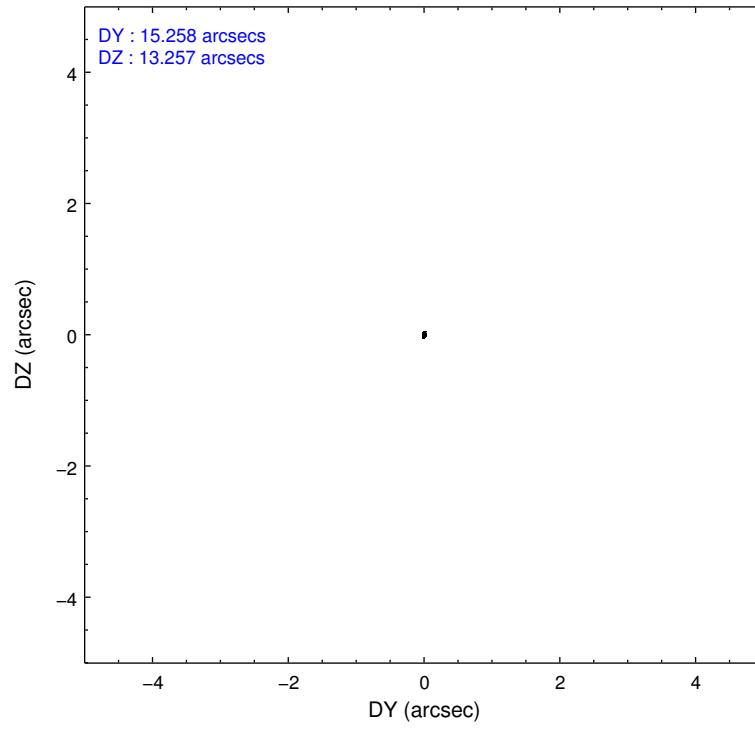
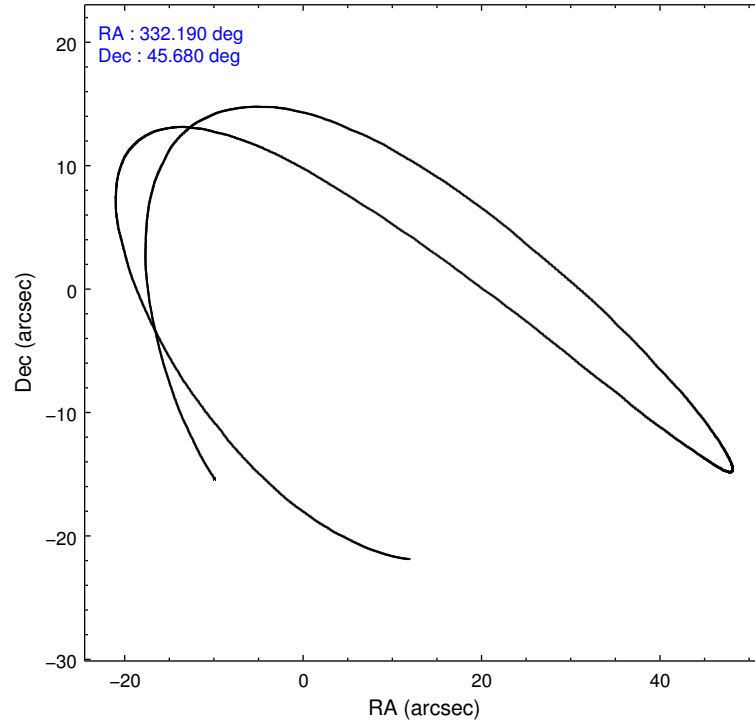
Level 1 Events

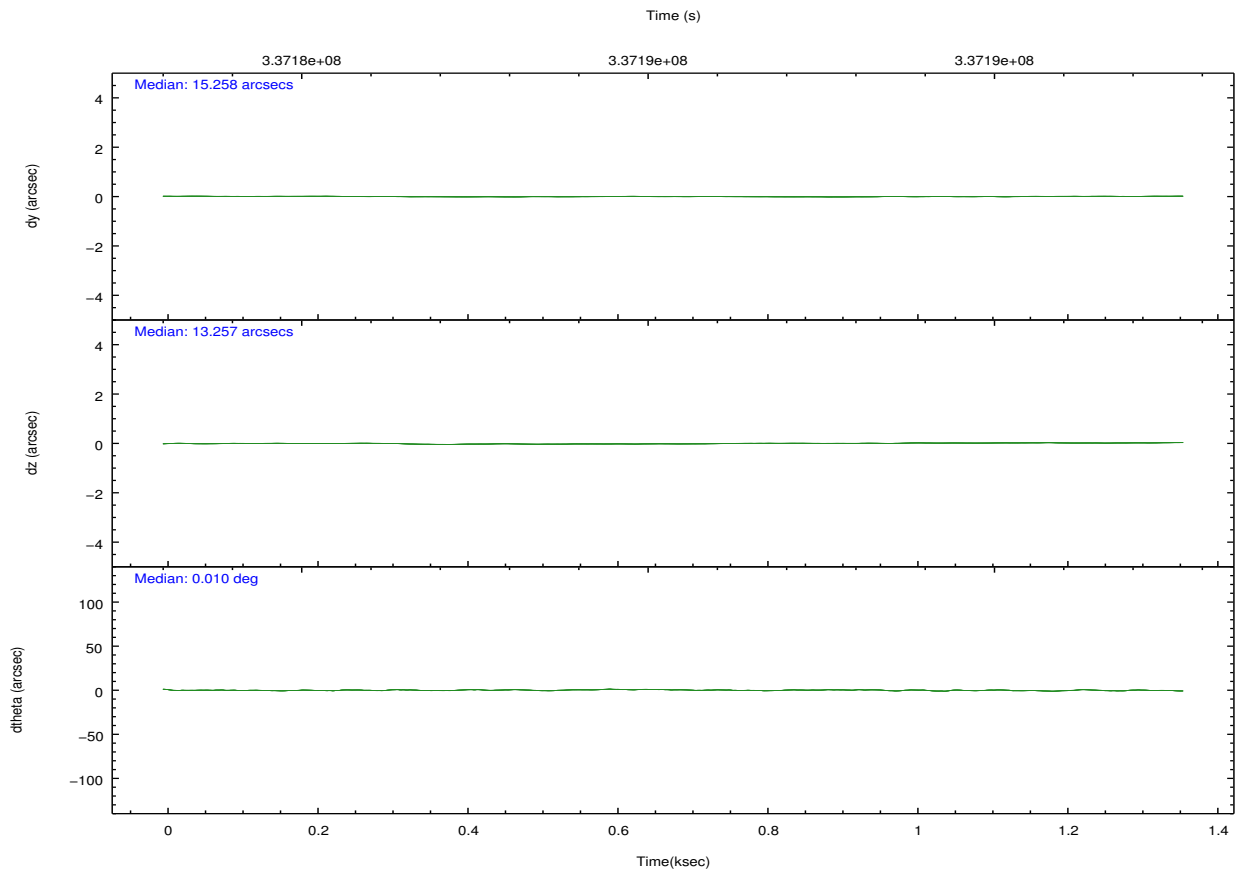
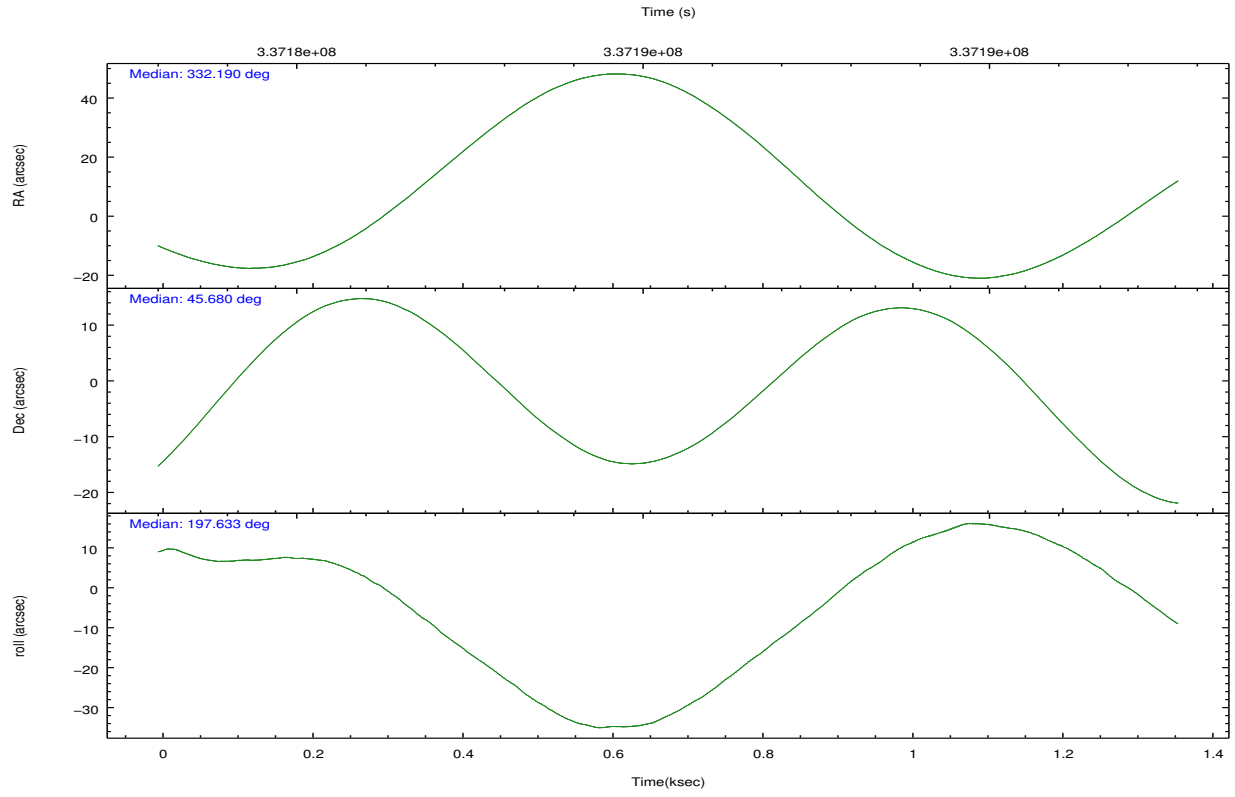
	segment 0
level 1 events	163792
rejected events	32214
rejected %	19%

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	332.218611	332.1915608523807			
[deg] Pointing Dec	45.699614	45.67933327470686			
[deg] Pointing Roll	197.709869	197.6337721262007			
[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)	337185037.184000	337184661.09343			
Observation start date	2008-09-07T14:29:32	2008-09-07T14:24:21			
[s] Observation end time (MET)	337186217.184000	337186351.31852			
Observation end date	2008-09-07T14:49:12	2008-09-07T14:52:31			

2.3 Aspect



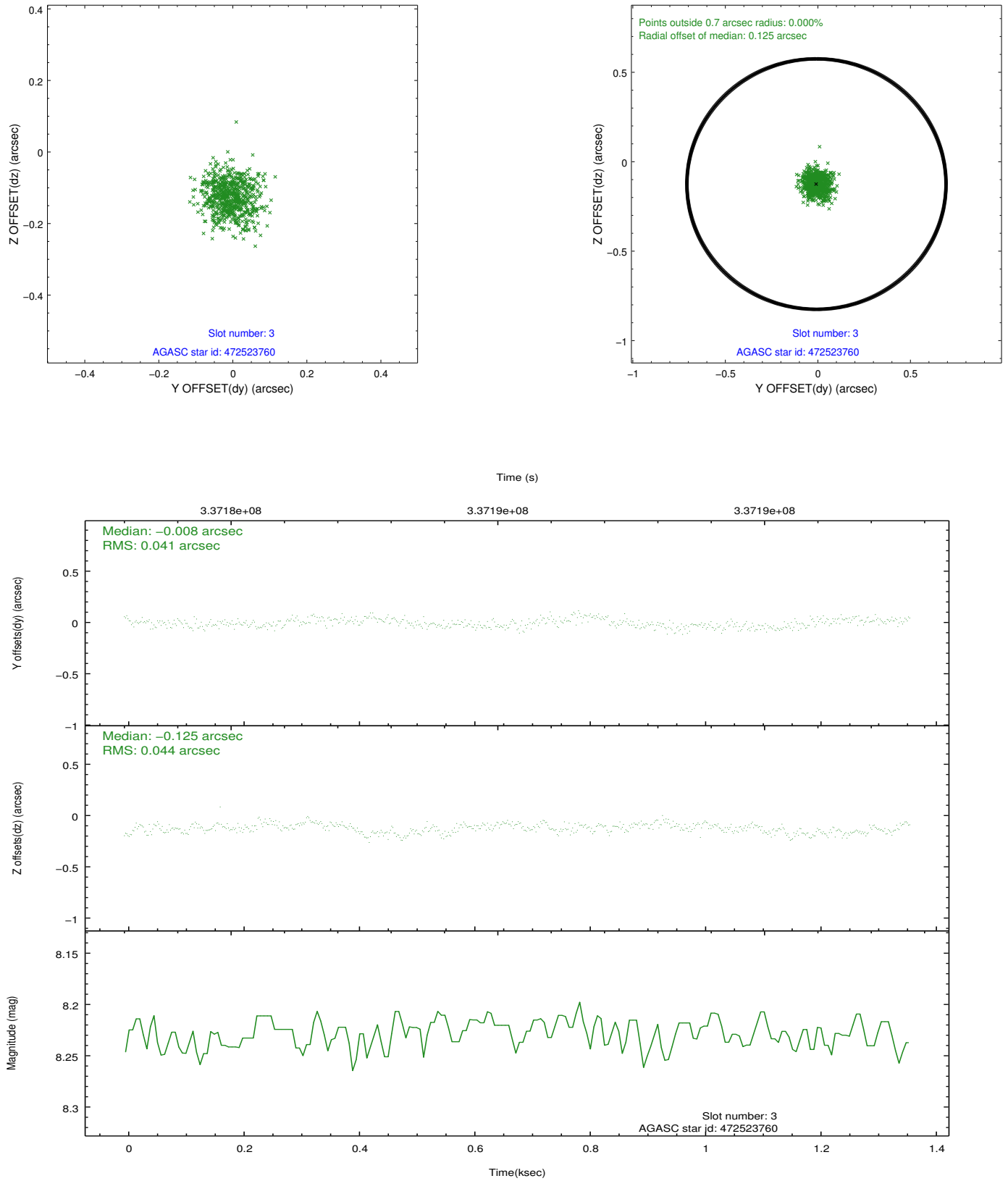


Slot Statistics

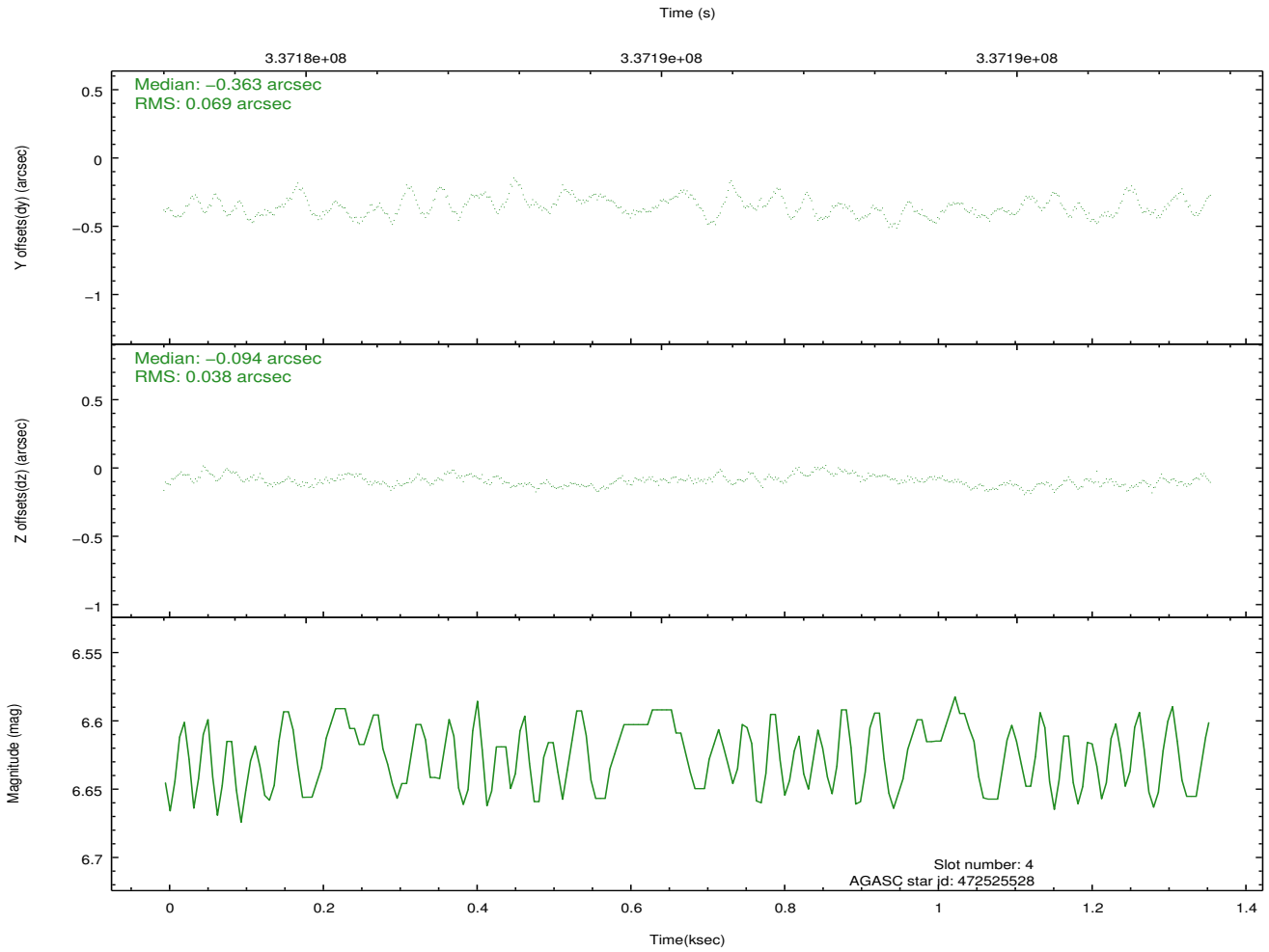
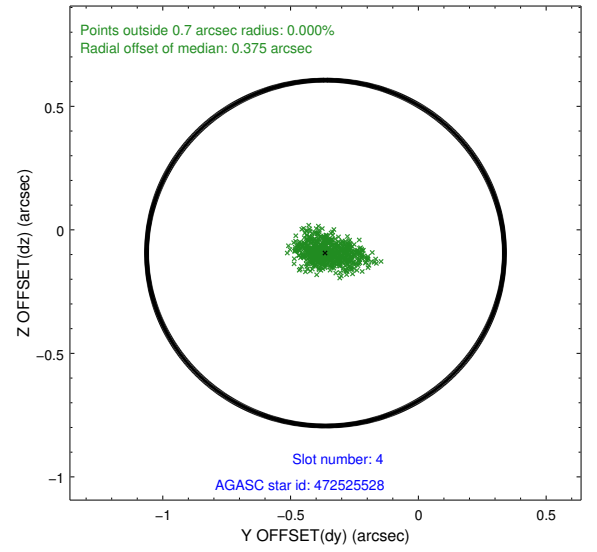
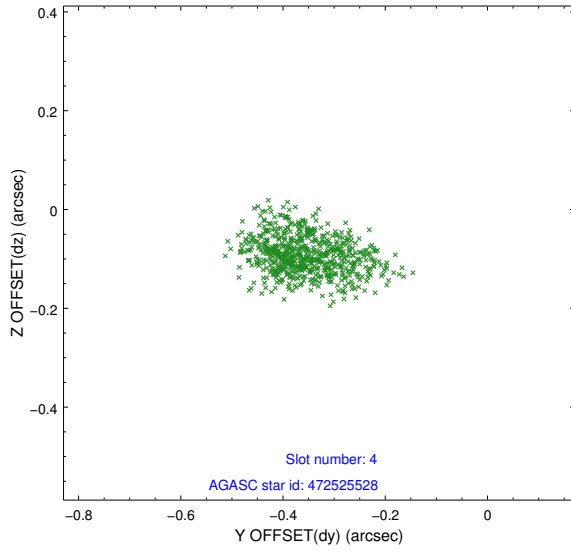
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.00	332	-0.062	0.018	0.009	0.017	0.000000	0.000000	-771.15	-1301.25
1	FID	HRC-I-2	7.03	332	0.237	-0.150	0.007	0.011	0.000000	0.000000	839.45	-1306.94
2	FID	HRC-I-3	7.08	332	-0.057	0.041	0.007	0.013	0.000000	0.000000	-1197.07	999.40
3	GUIDE	472523760	8.23	665	-0.008	-0.125	0.064	0.103	331.645363	45.403260	1700.35	572.73
4	GUIDE	472525528	6.62	665	-0.363	-0.094	0.083	0.137	331.551102	45.248694	2102.52	1028.06
5	GUIDE	472655152	9.45	665	0.120	0.024	0.115	0.189	332.504239	45.862991	-861.13	-339.89
6	GUIDE	472663080	9.40	665	0.065	0.165	0.100	0.173	332.652741	46.473840	-1878.29	-2328.82
7	GUIDE	472665256	9.01	664	0.185	0.028	0.081	0.126	332.808125	46.195041	-1949.20	-1258.70

2.4 Star Slots

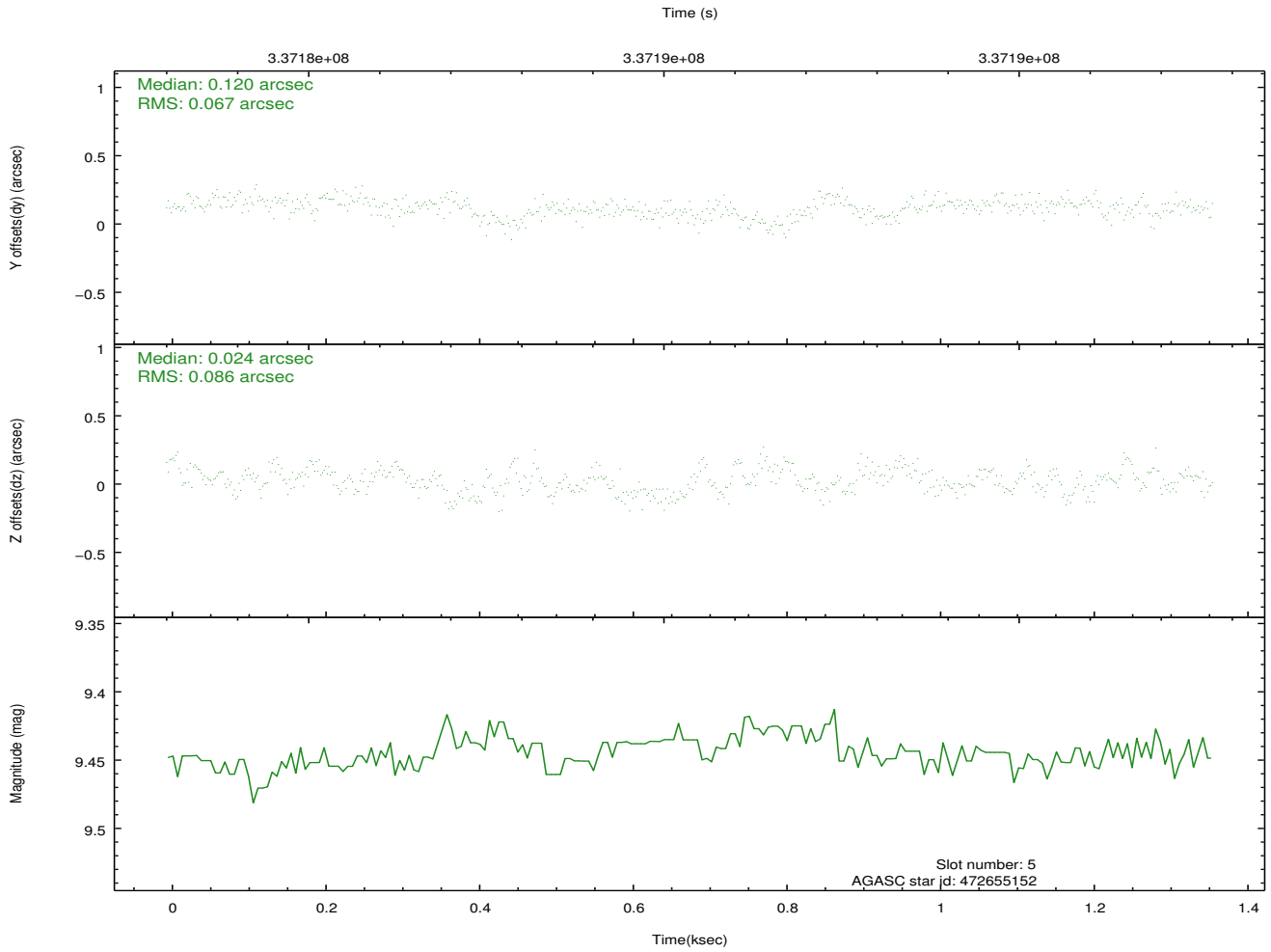
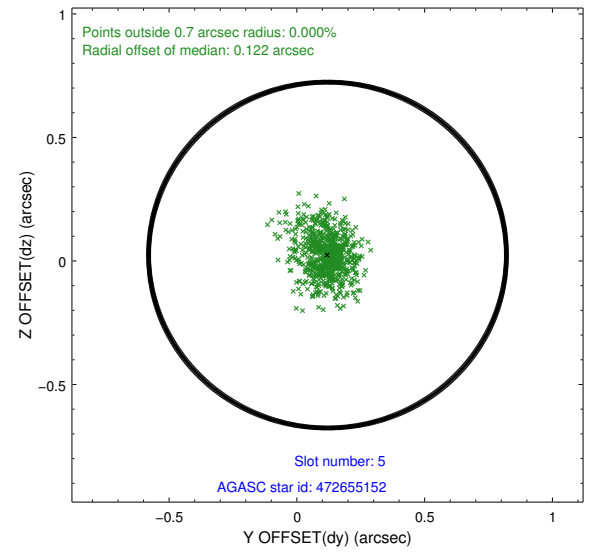
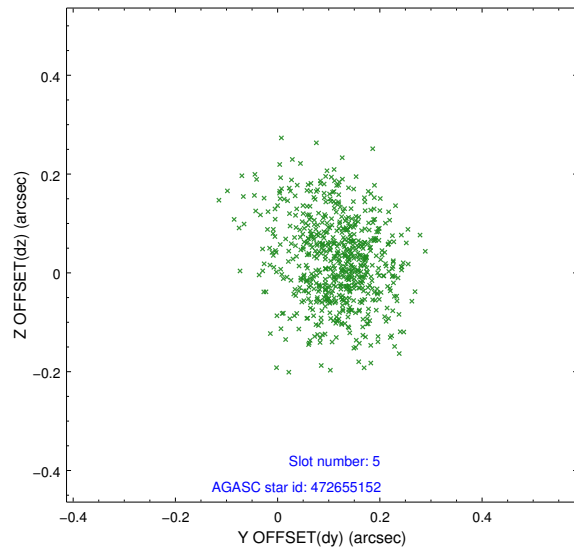
2.4.1 Slot 3



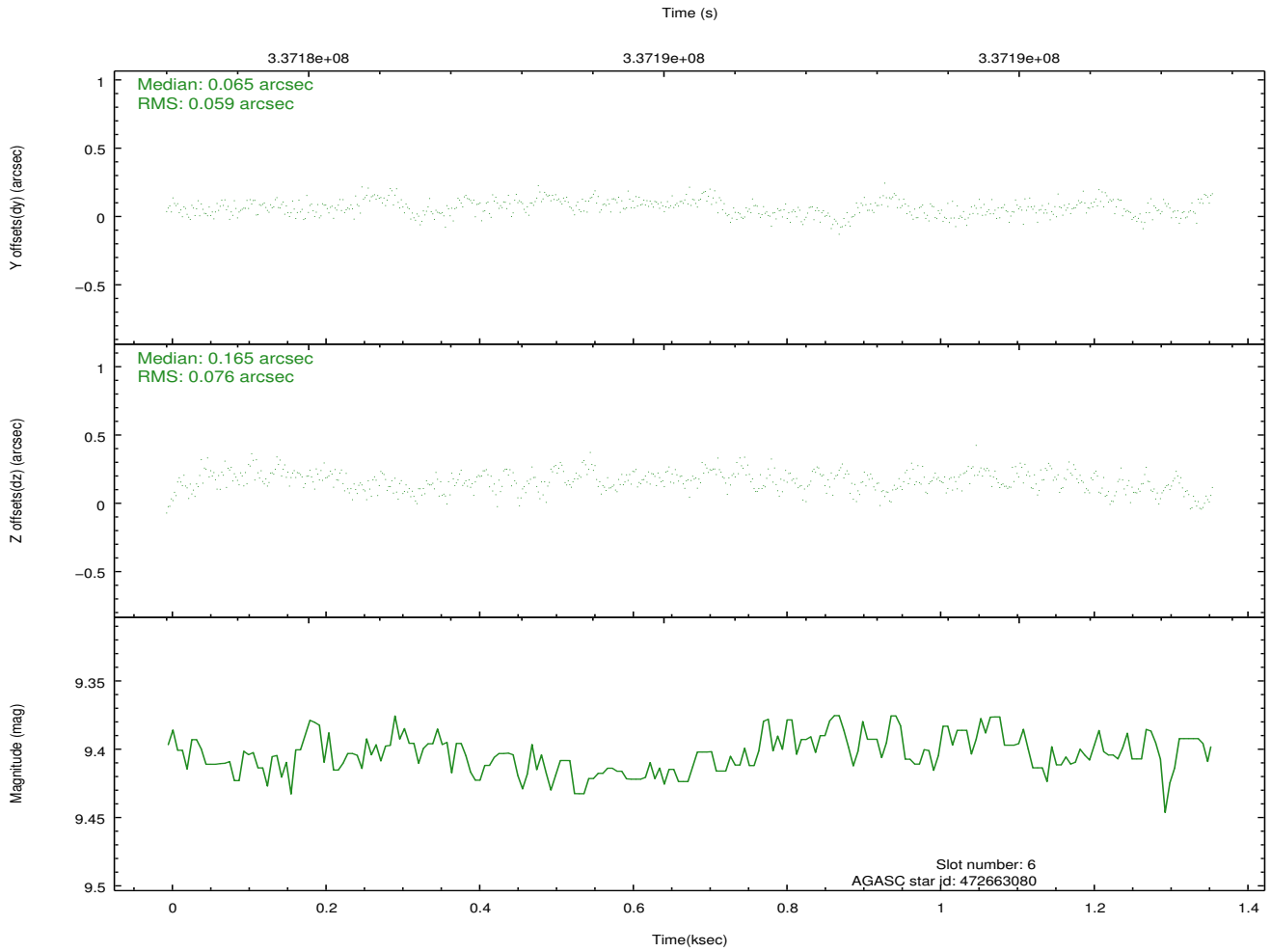
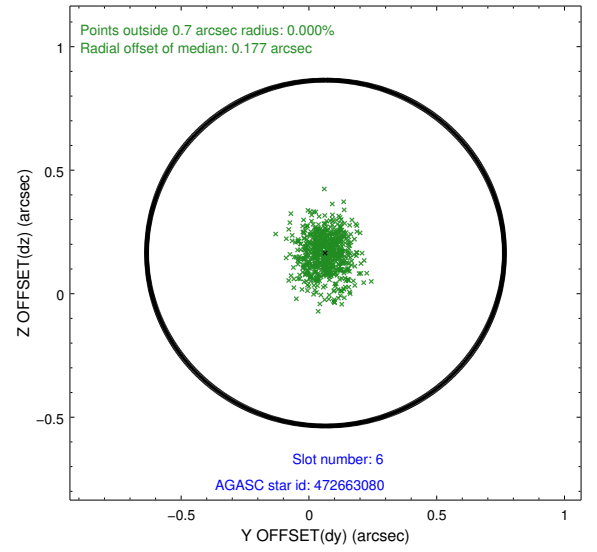
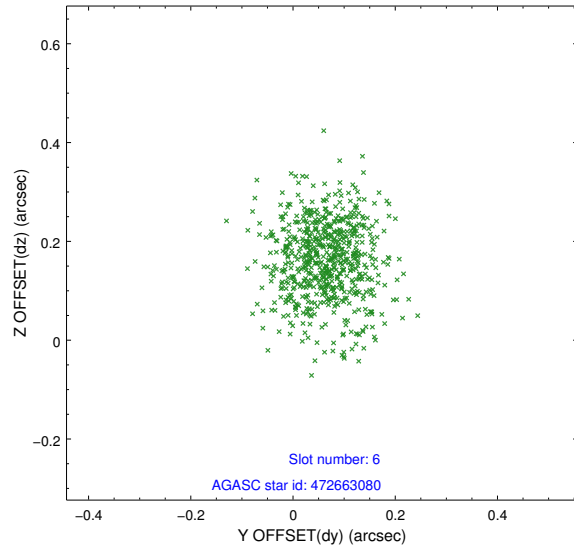
2.4.2 Slot 4



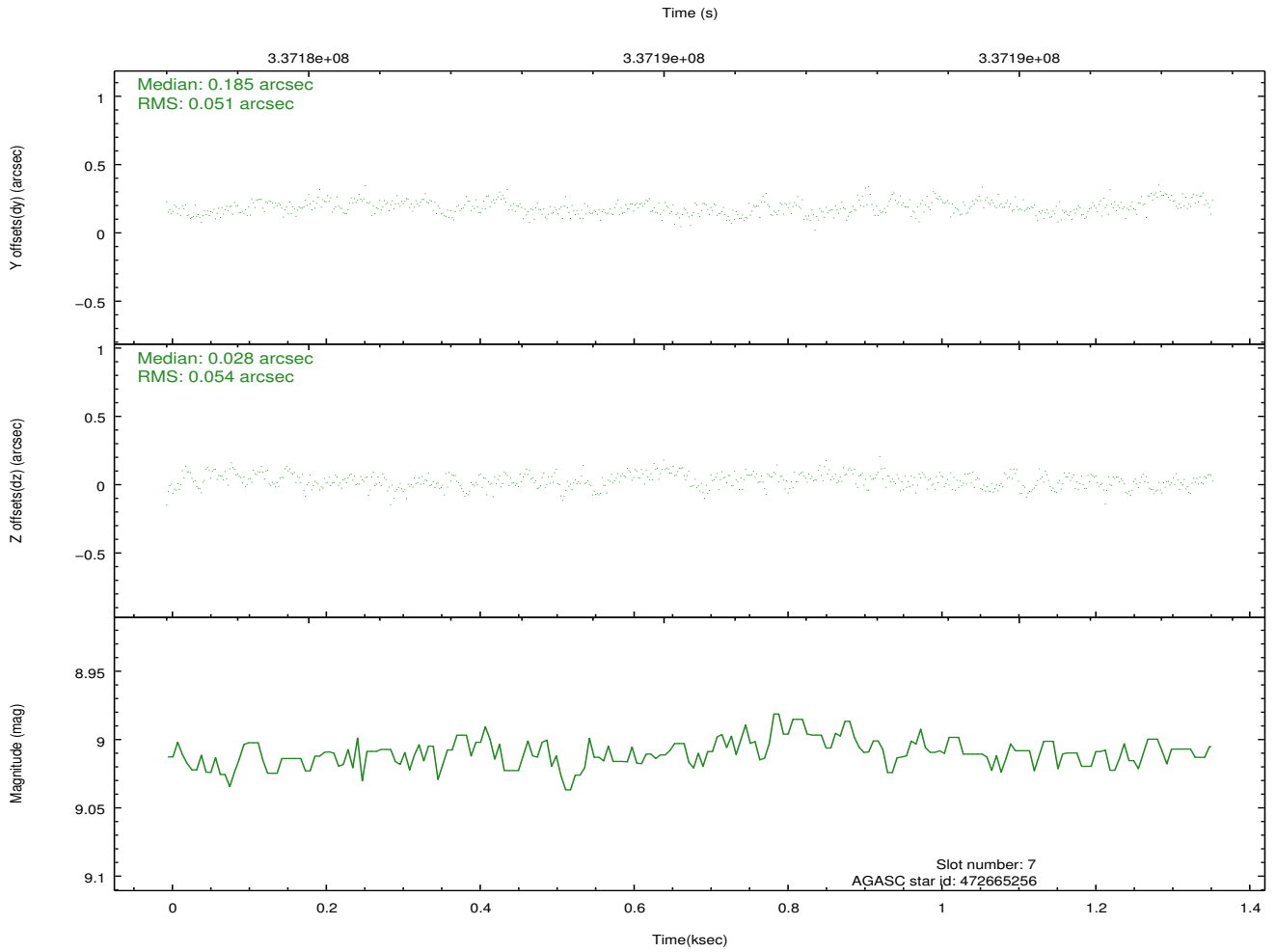
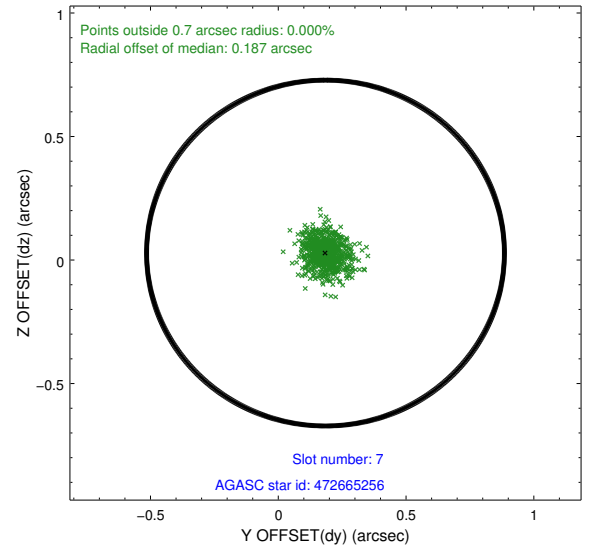
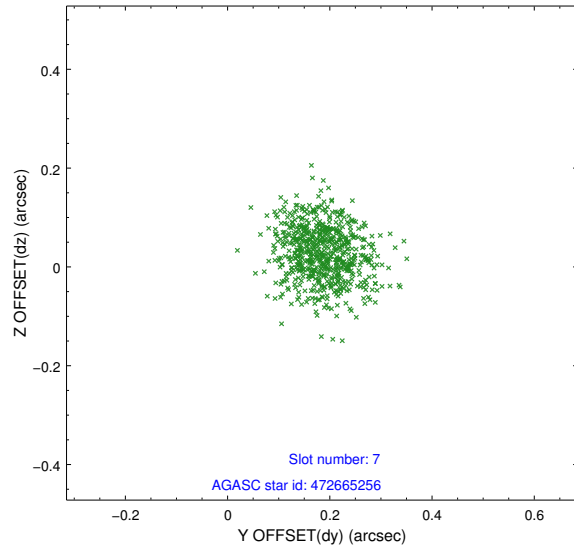
2.4.3 Slot 5



2.4.4 Slot 6

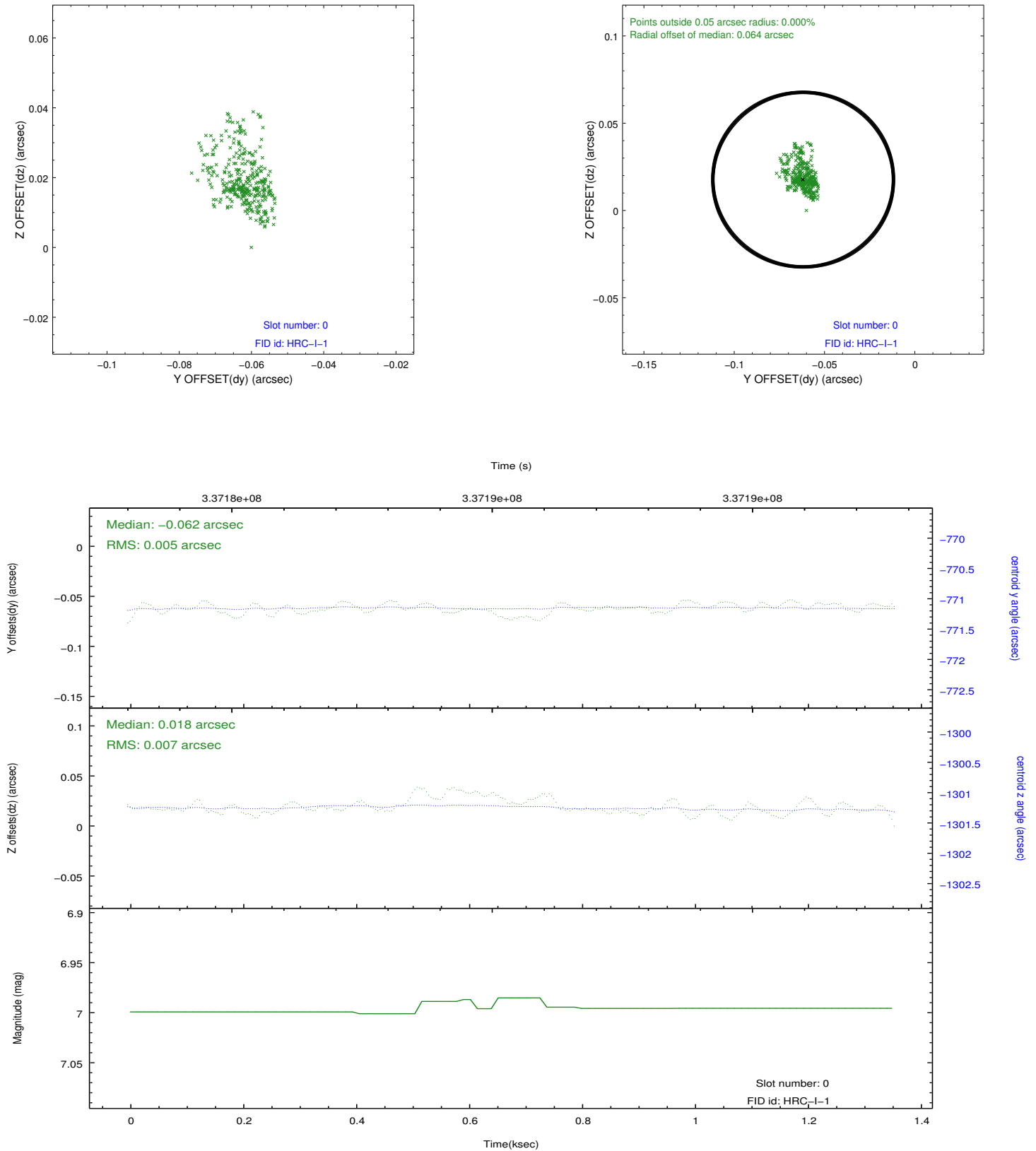


2.4.5 Slot 7

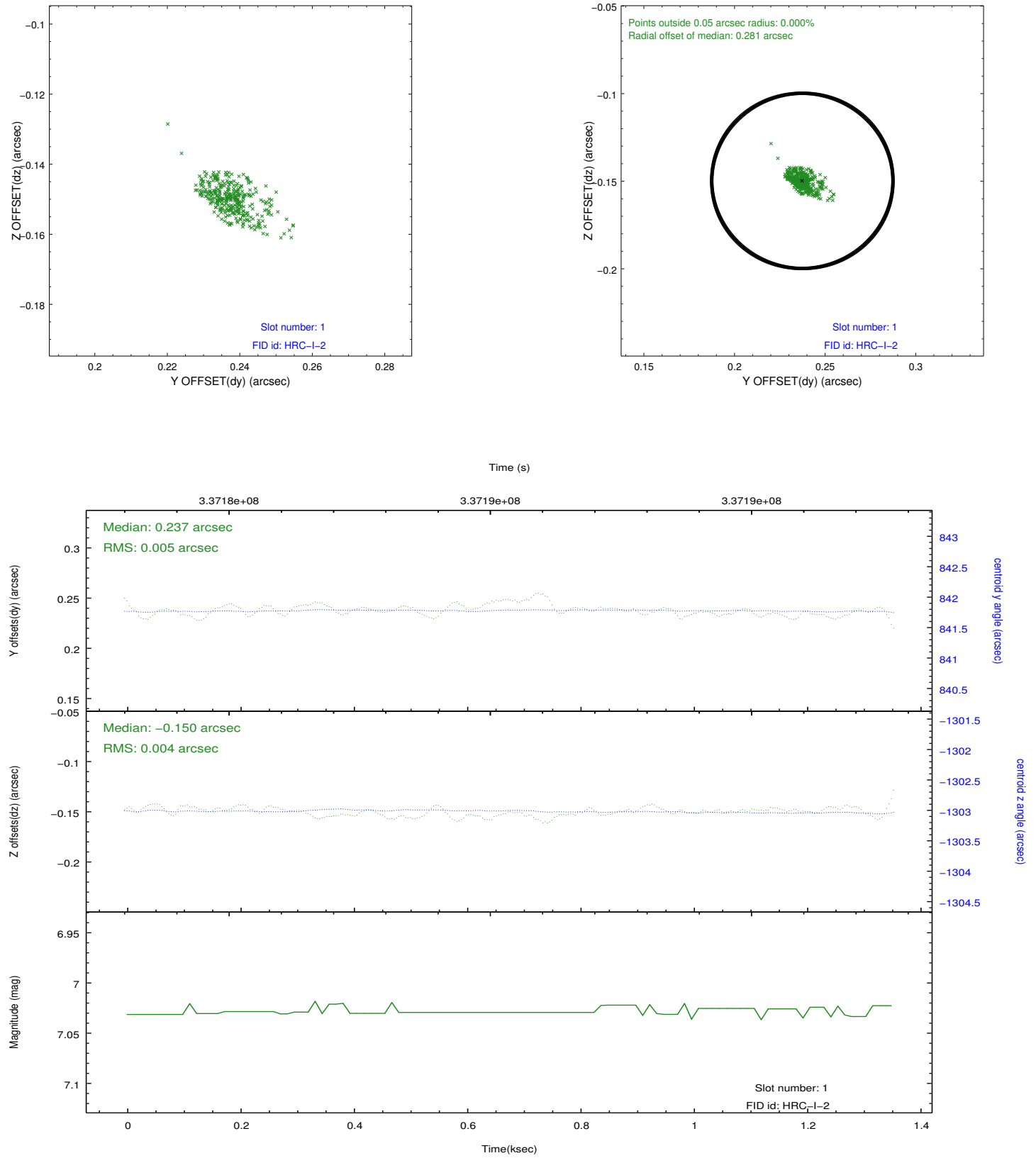


2.5 FID Slots

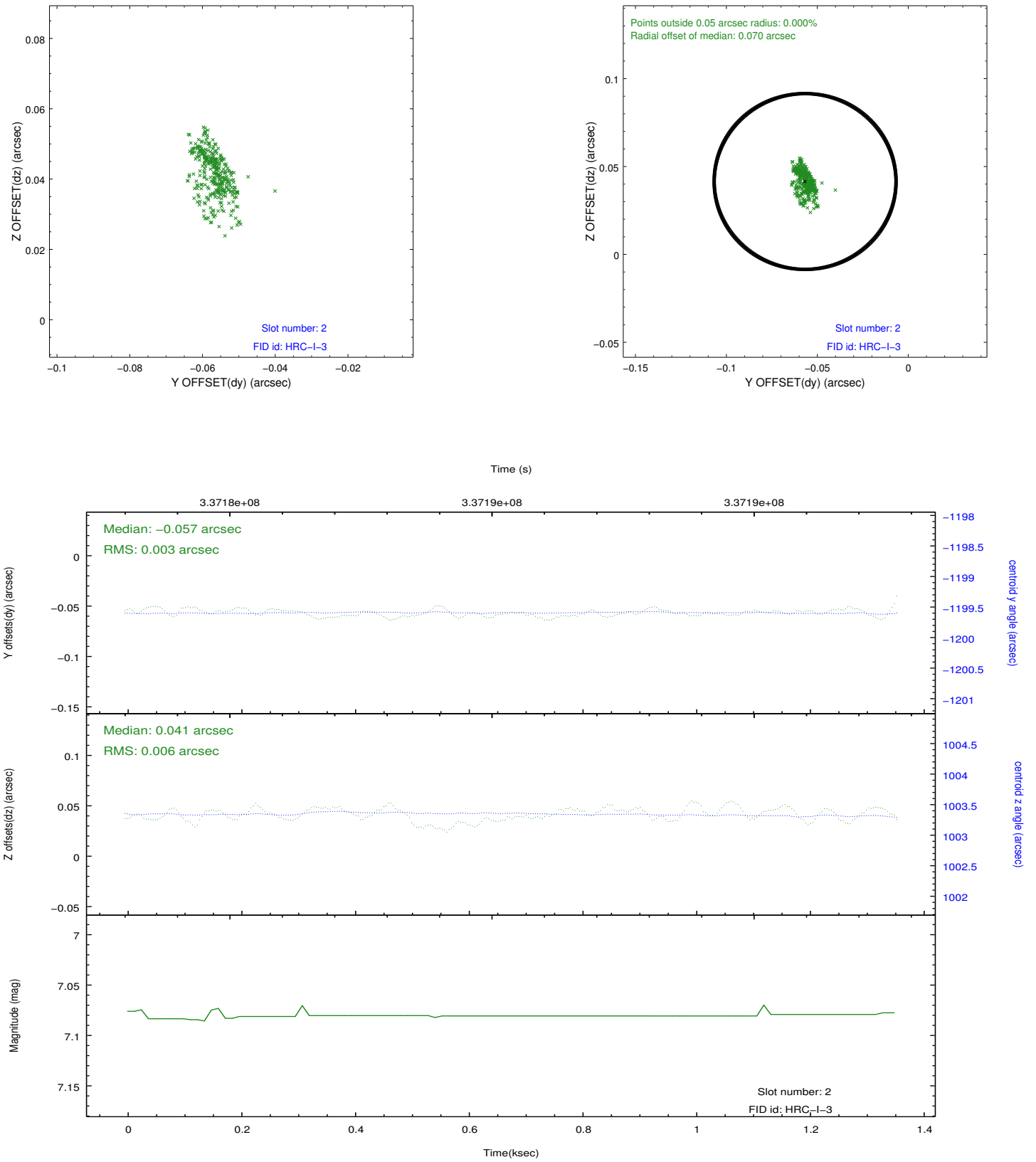
2.5.1 Slot 0



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)	2012.08.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.36043131

A.2 Comments