

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9654 - L2 Version 3
Chandra X-Ray Center

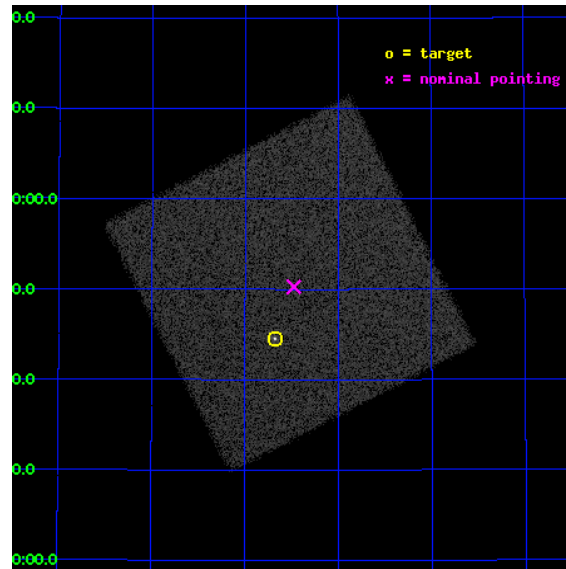
L2 Processing Date : Aug 12 2012

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1 Front

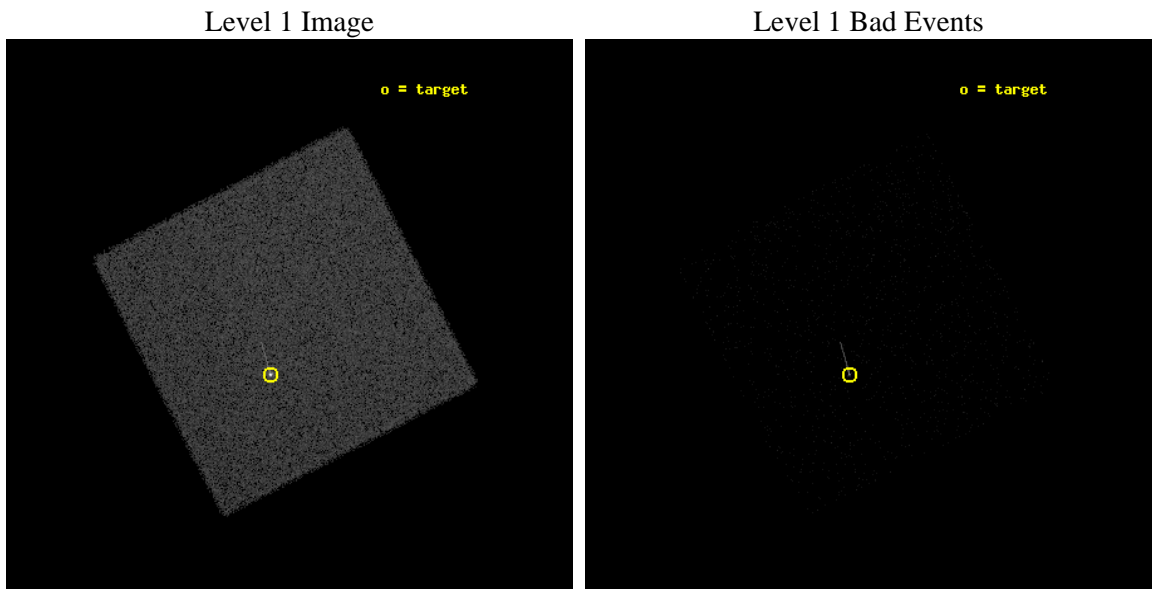
seq_num	290777	Sequence number
obs_id	9654	Observation id
title	AO9 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.11894852694	Nominal RA [deg]
dec_nom	45.838088268438	Nominal Dec [deg]
roll_nom	197.80052369204	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1366.5813171864	[s]
livetime	1351.8323216715	Ontime multiplied by DTCOR
l2events	91745	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	1366.5813171864	[s]
caldbver	4.5.1.1	 	l1events	163119	Number of level 1 events
date	2012-08-12T19:36:49	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

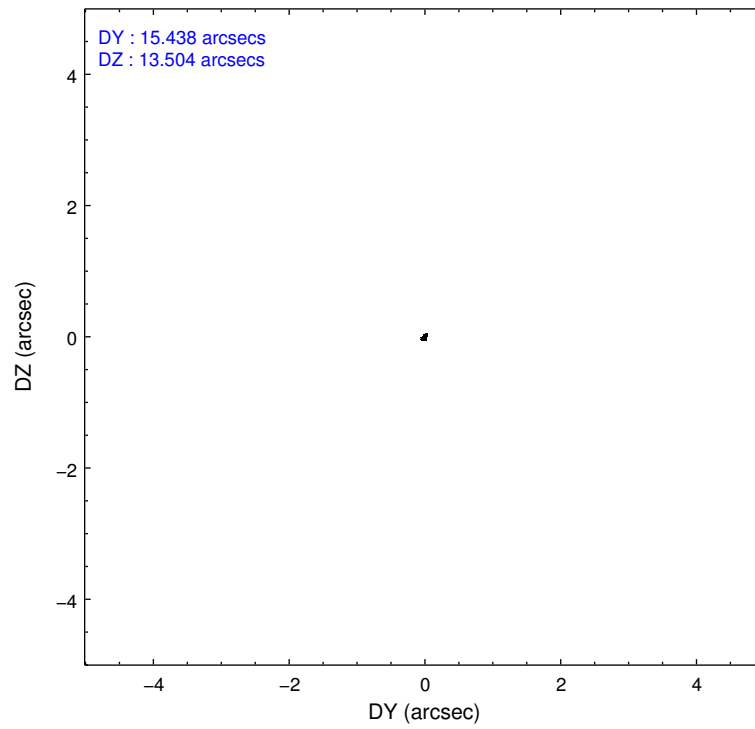
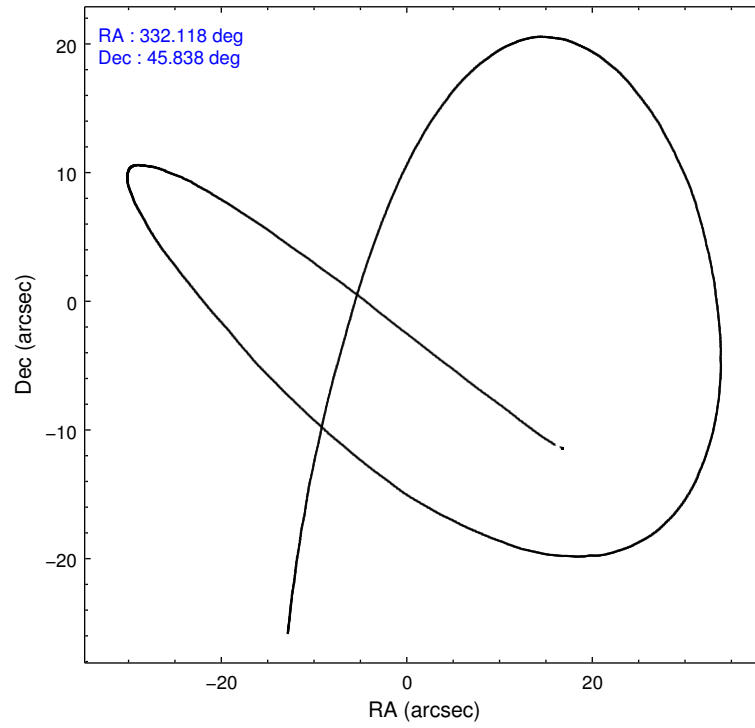
	segment 0
level 1 events	163119
rejected events	31276
rejected %	19%

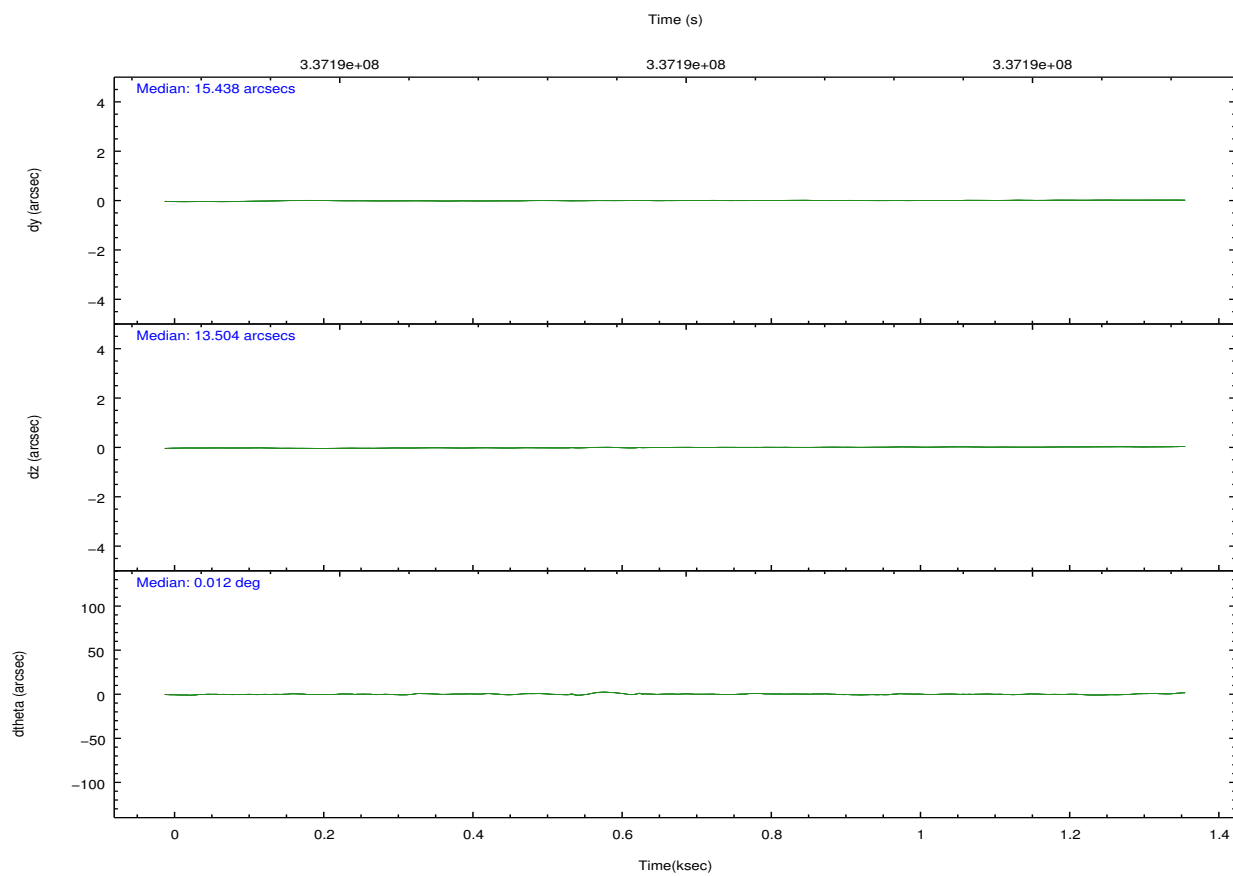
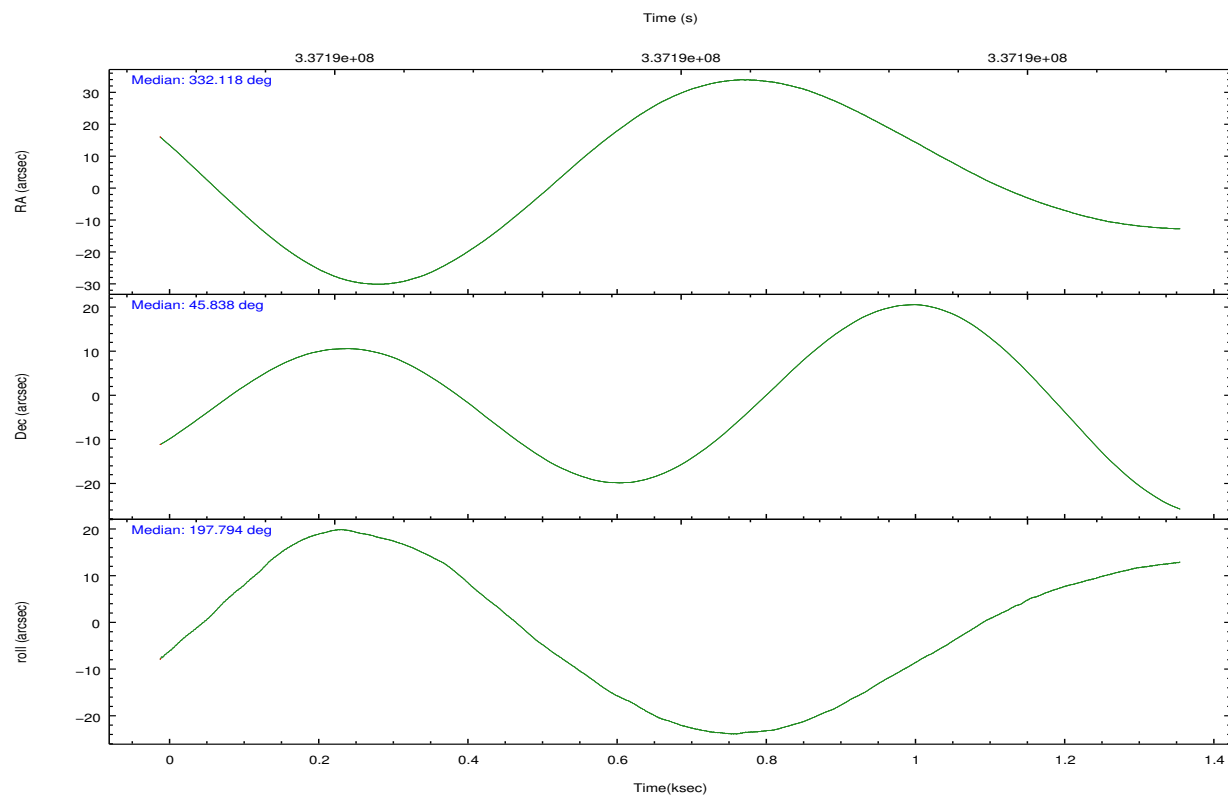
2.2 Compared Parameters

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	332.145491	332.118948526936
[deg] Pointing Dec	45.858333	45.83808826843794
[deg] Pointing Roll	197.877003	197.8005236920371
[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)	337193487.184000	337193111.19385
Observation start date	2008-09-07T16:50:22	2008-09-07T16:45:11
[s] Observation end time (MET)	337194667.184000	337194800.90643
Observation end date	2008-09-07T17:10:02	2008-09-07T17:13:20

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

2.3 Aspect



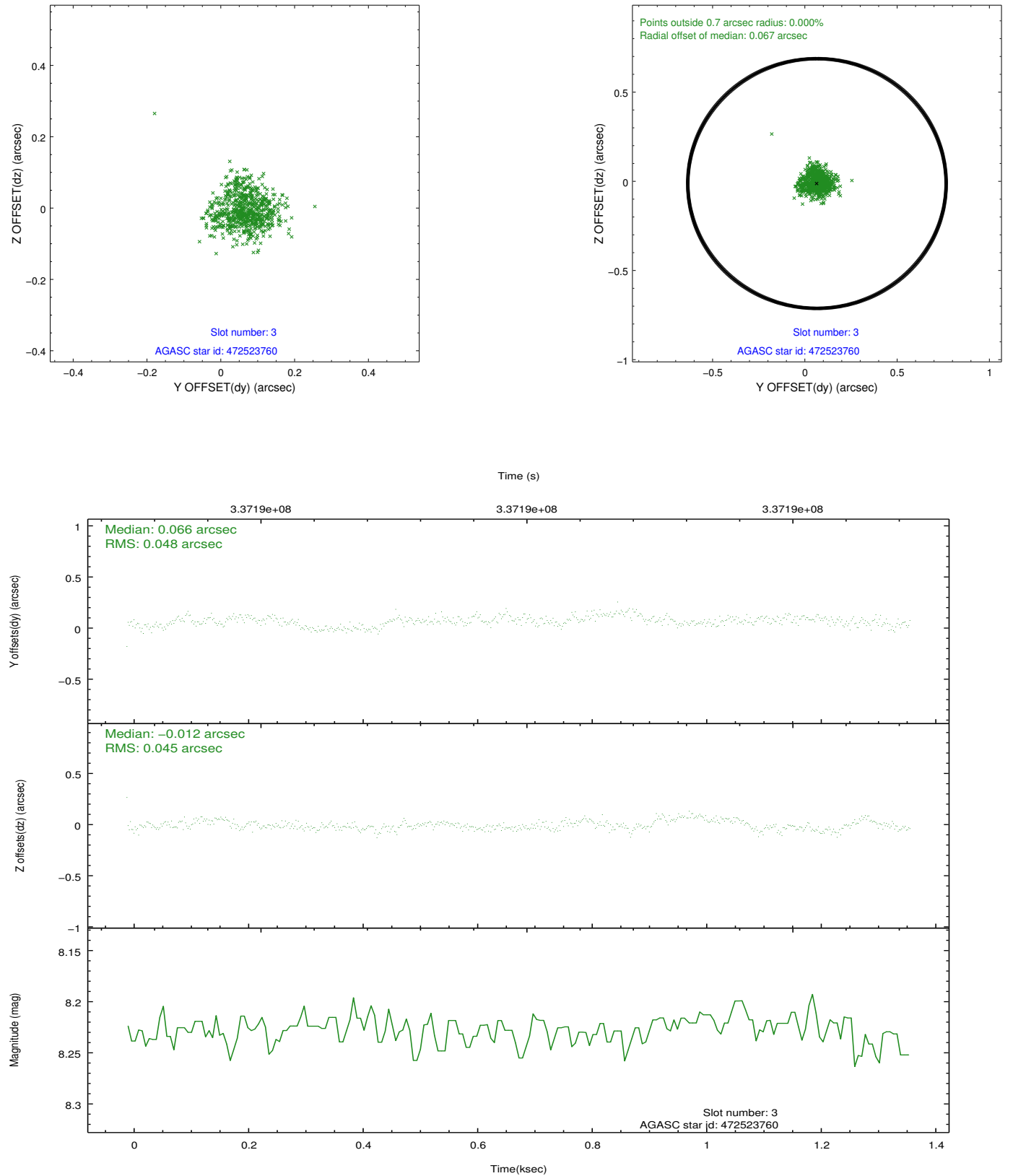


Slot Statistics

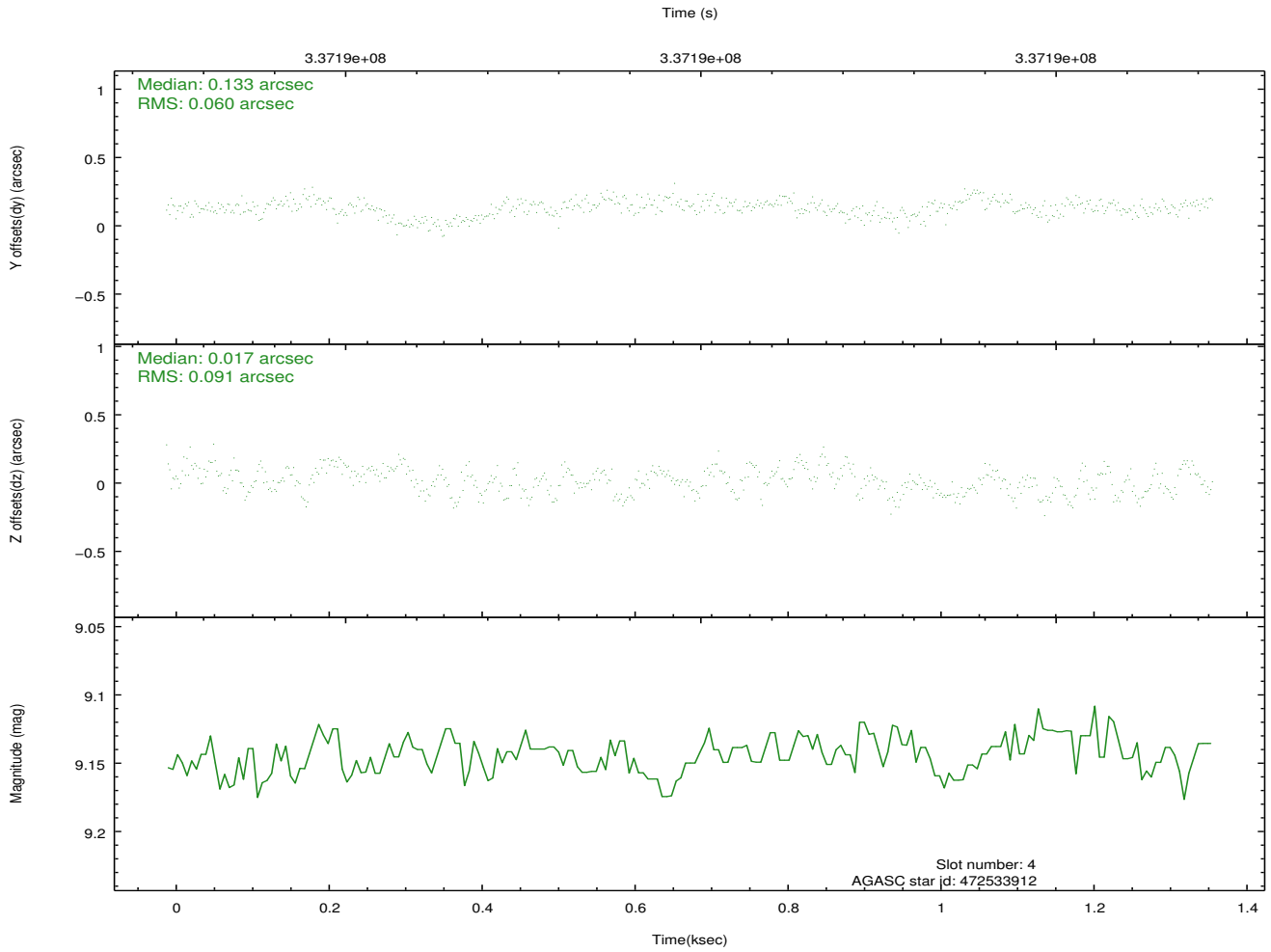
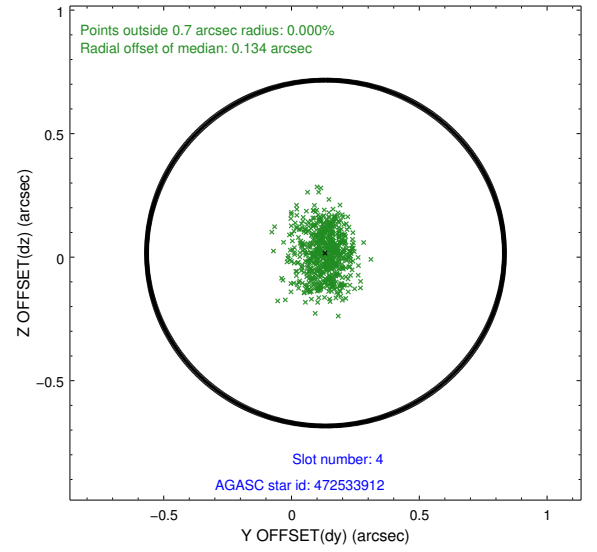
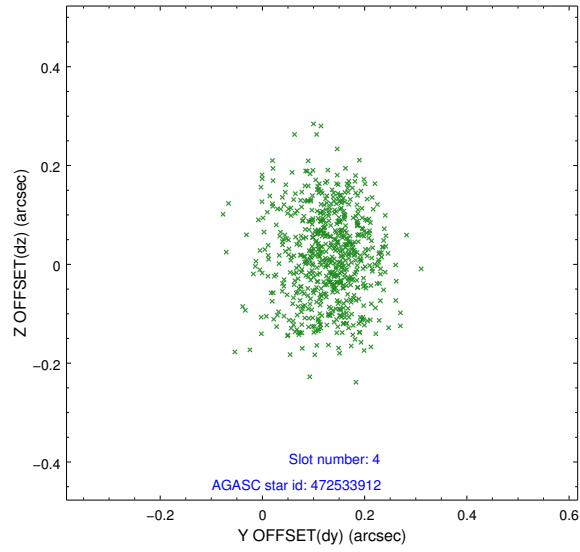
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.00	334	0.016	-0.037	0.006	0.012	0.000000	0.000000	-771.32	-1301.52
1	FID	HRC-I-3	7.08	334	-0.087	-0.043	0.006	0.012	0.000000	0.000000	-1202.07	999.17
2	FID	HRC-I-4	7.02	334	0.185	-0.009	0.005	0.008	0.000000	0.000000	1268.19	1003.53
3	GUIDE	472523760	8.23	667	0.066	-0.012	0.070	0.111	331.645363	45.403260	1703.06	1169.71
4	GUIDE	472533912	9.14	668	0.133	0.017	0.120	0.184	331.791136	46.368695	274.35	-2016.75
5	GUIDE	472535576	7.86	668	-0.020	0.106	0.069	0.117	331.438373	46.291802	1191.58	-2033.20
6	GUIDE	472655152	9.42	665	0.186	-0.175	0.126	0.210	332.504239	45.862991	-861.48	257.01
7	BAD	472665256	9.02	595	-0.408	0.073	0.091	0.140	332.808125	46.195041	-1946.46	-652.16

2.4 Star Slots

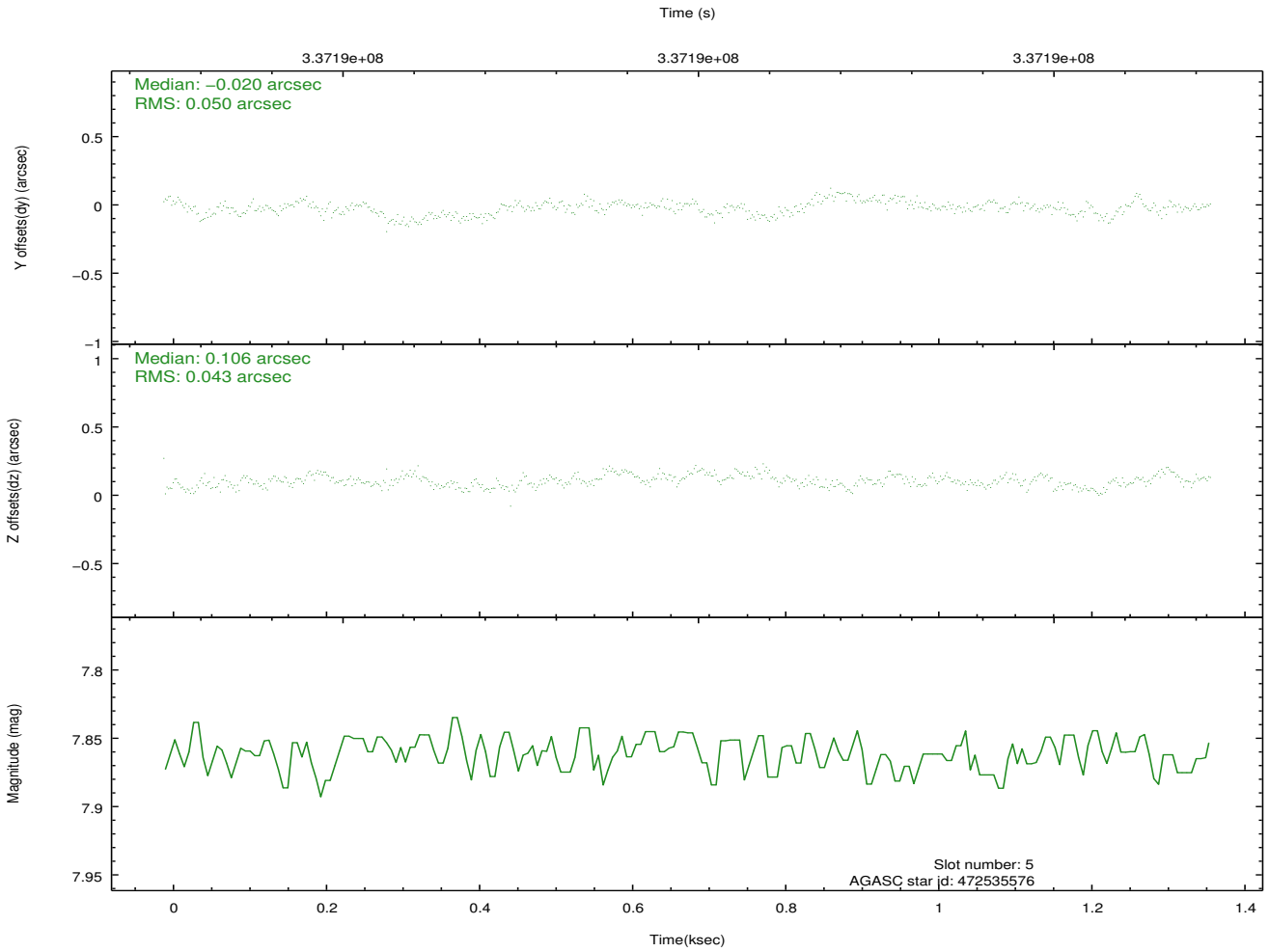
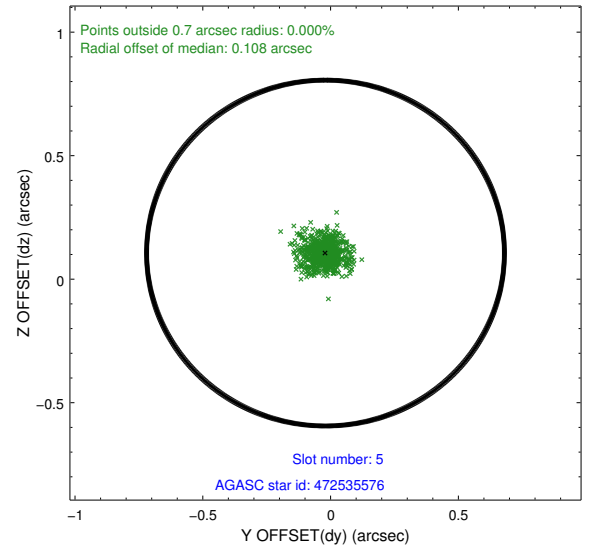
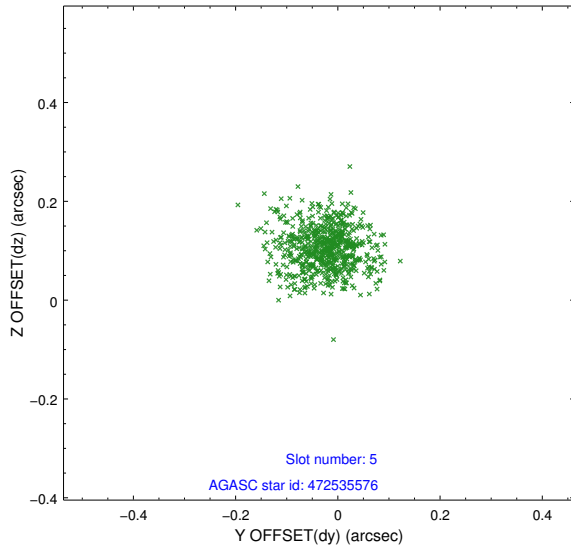
2.4.1 Slot 3



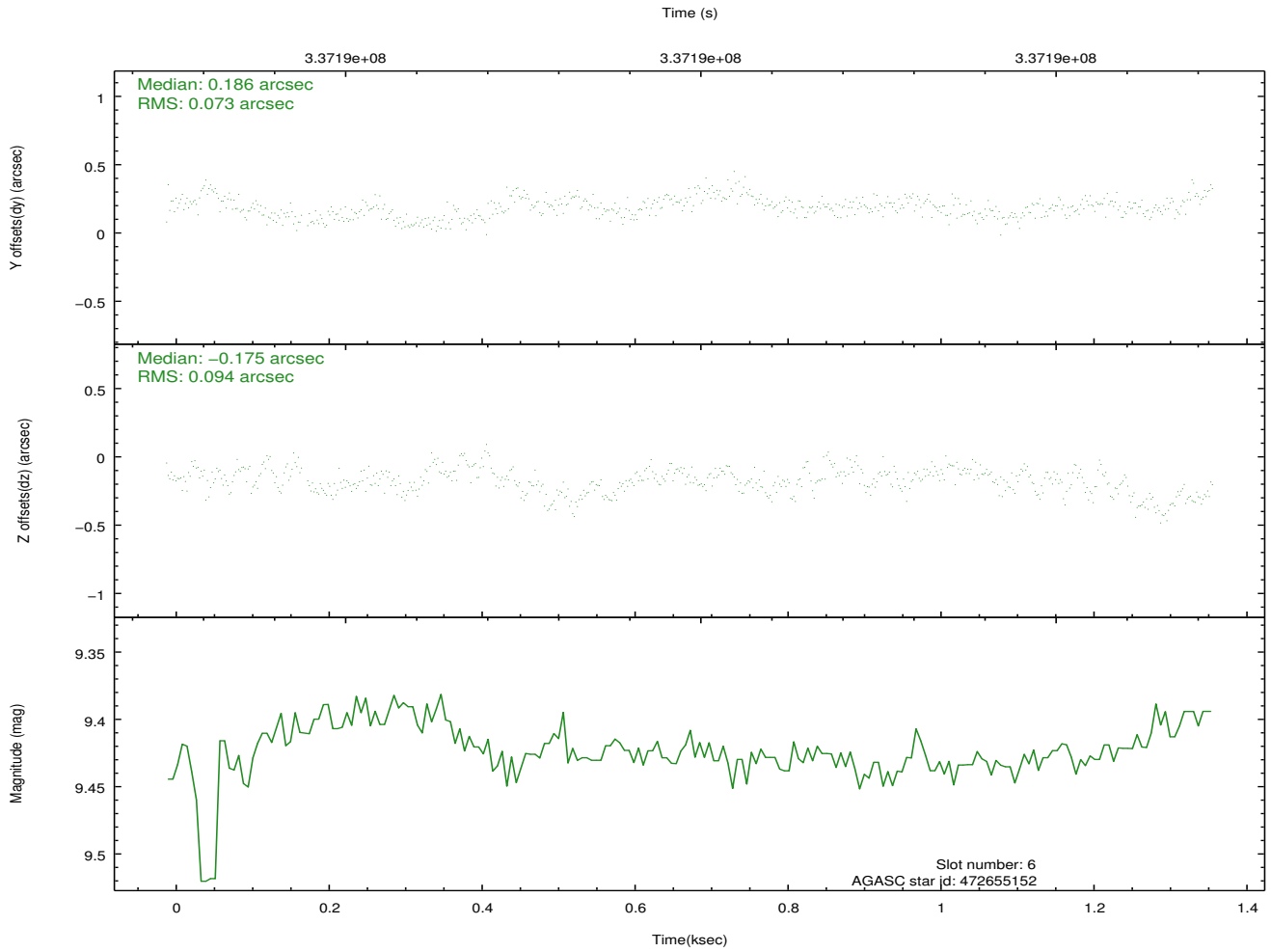
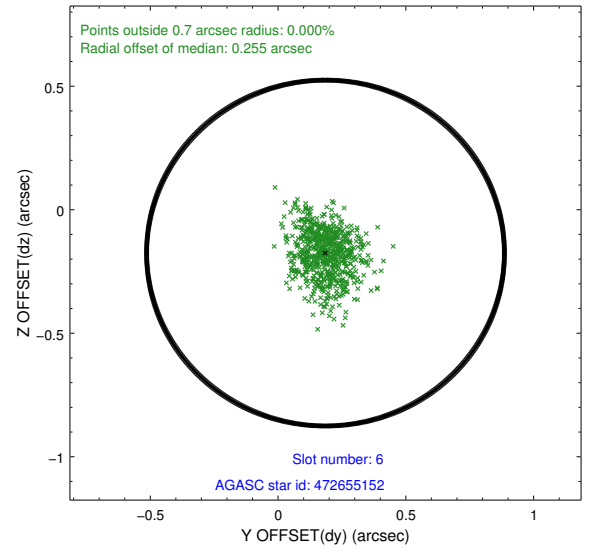
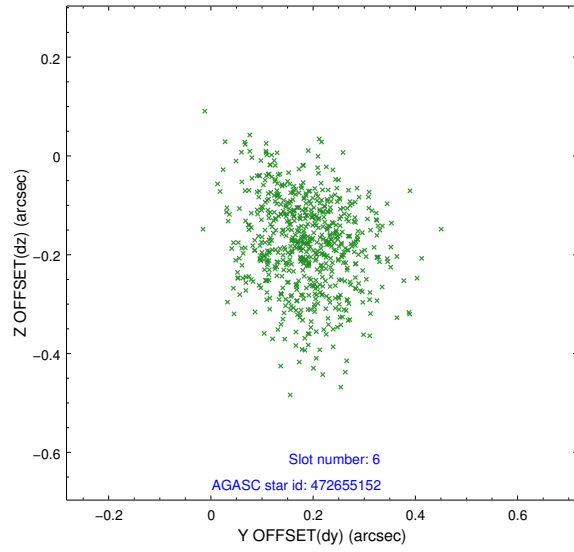
2.4.2 Slot 4



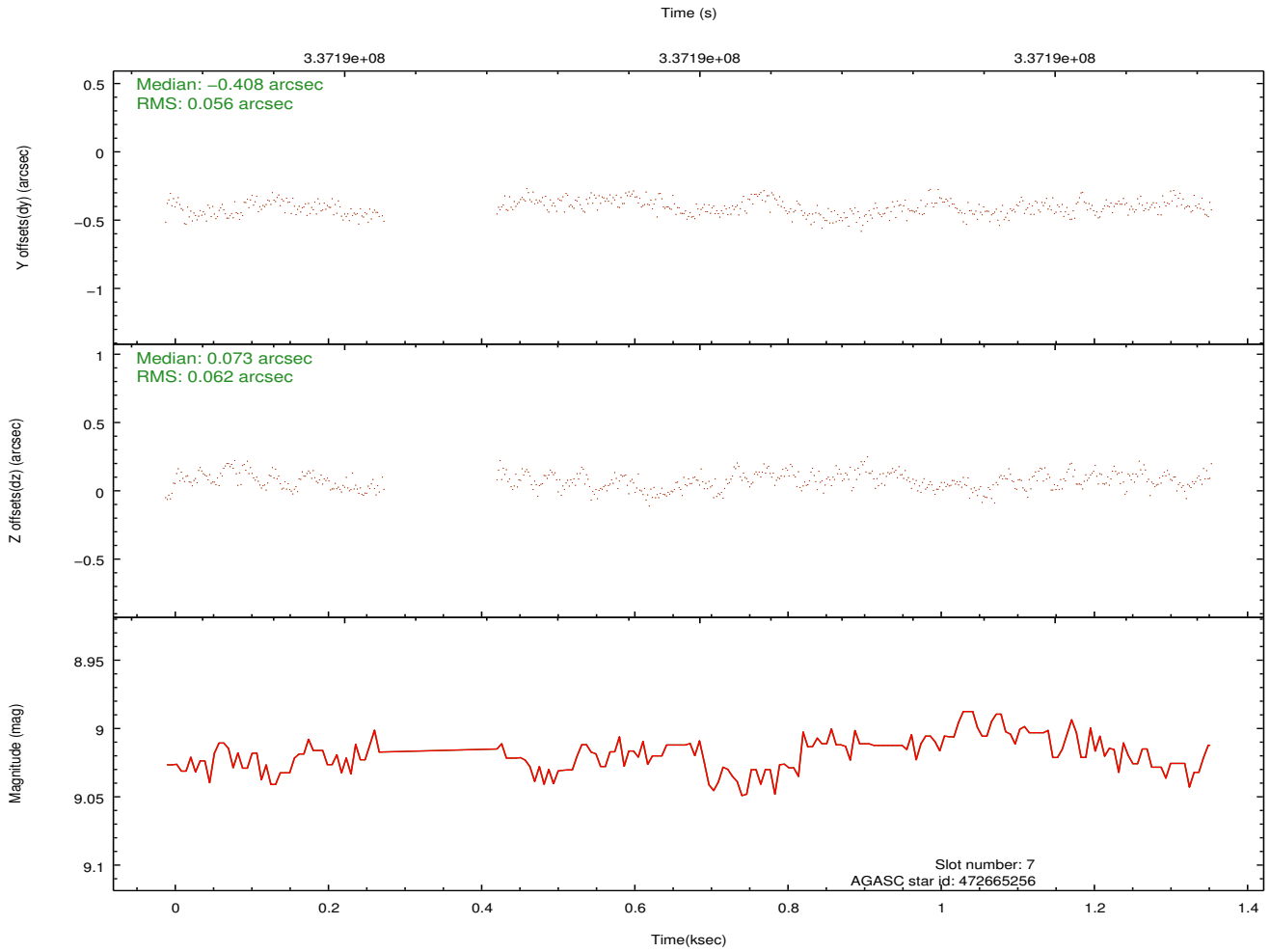
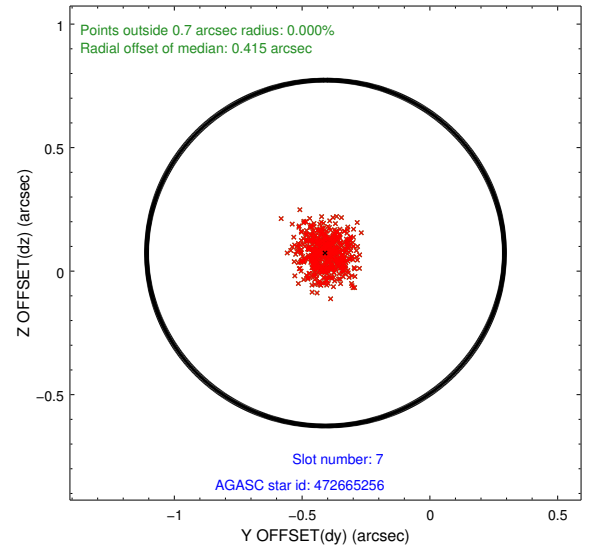
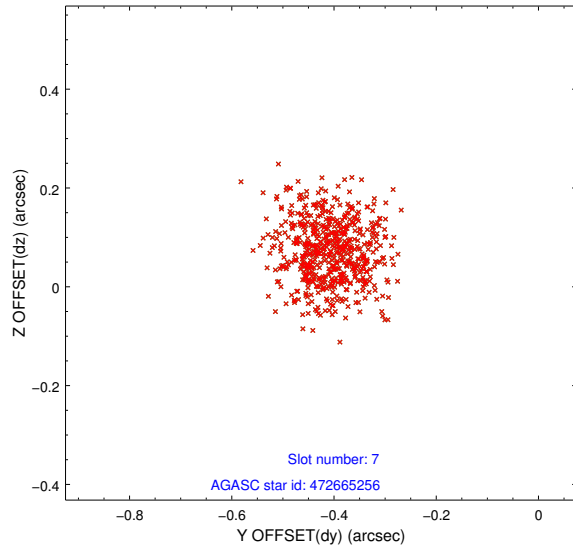
2.4.3 Slot 5



2.4.4 Slot 6

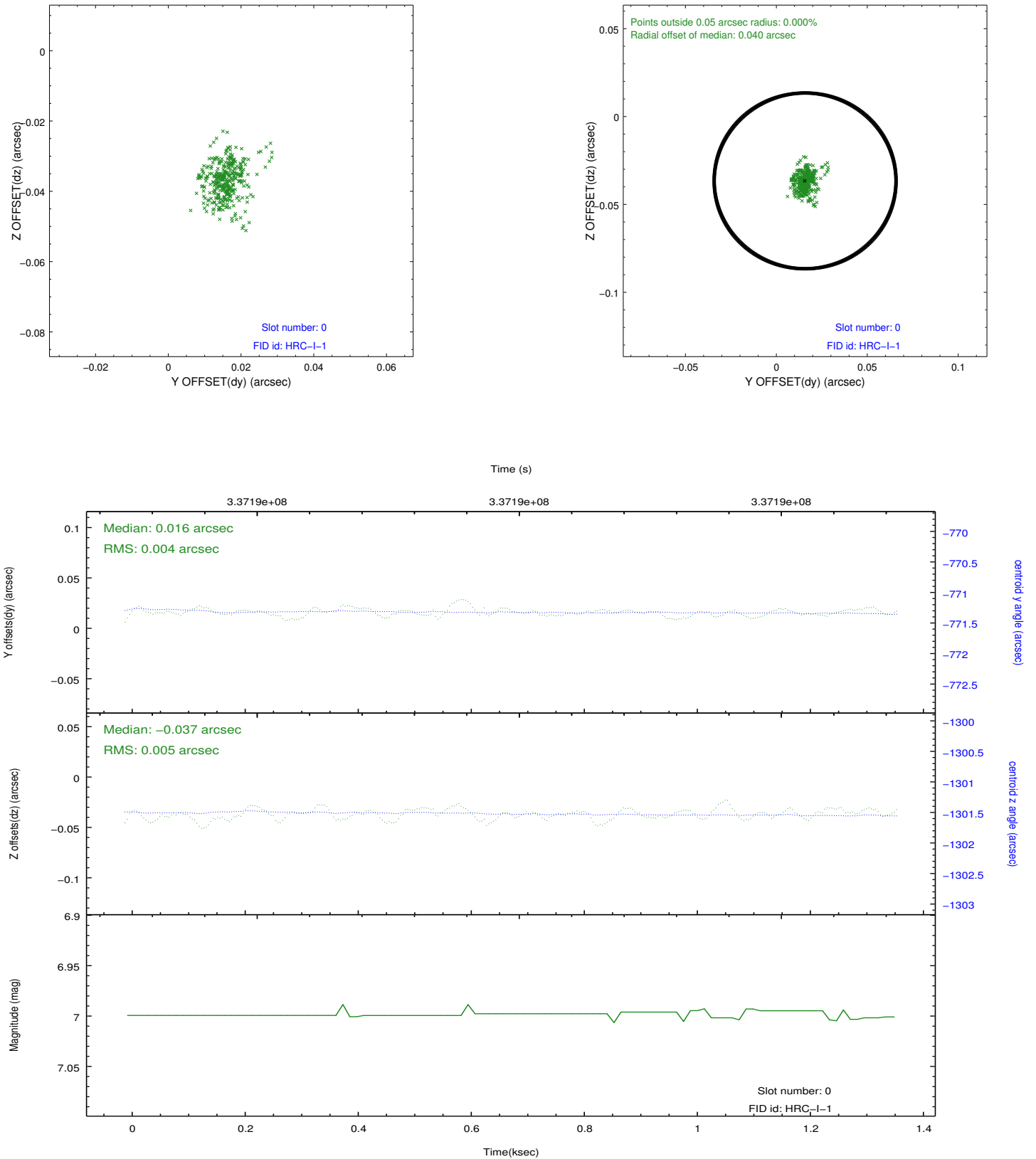


2.4.5 Slot 7

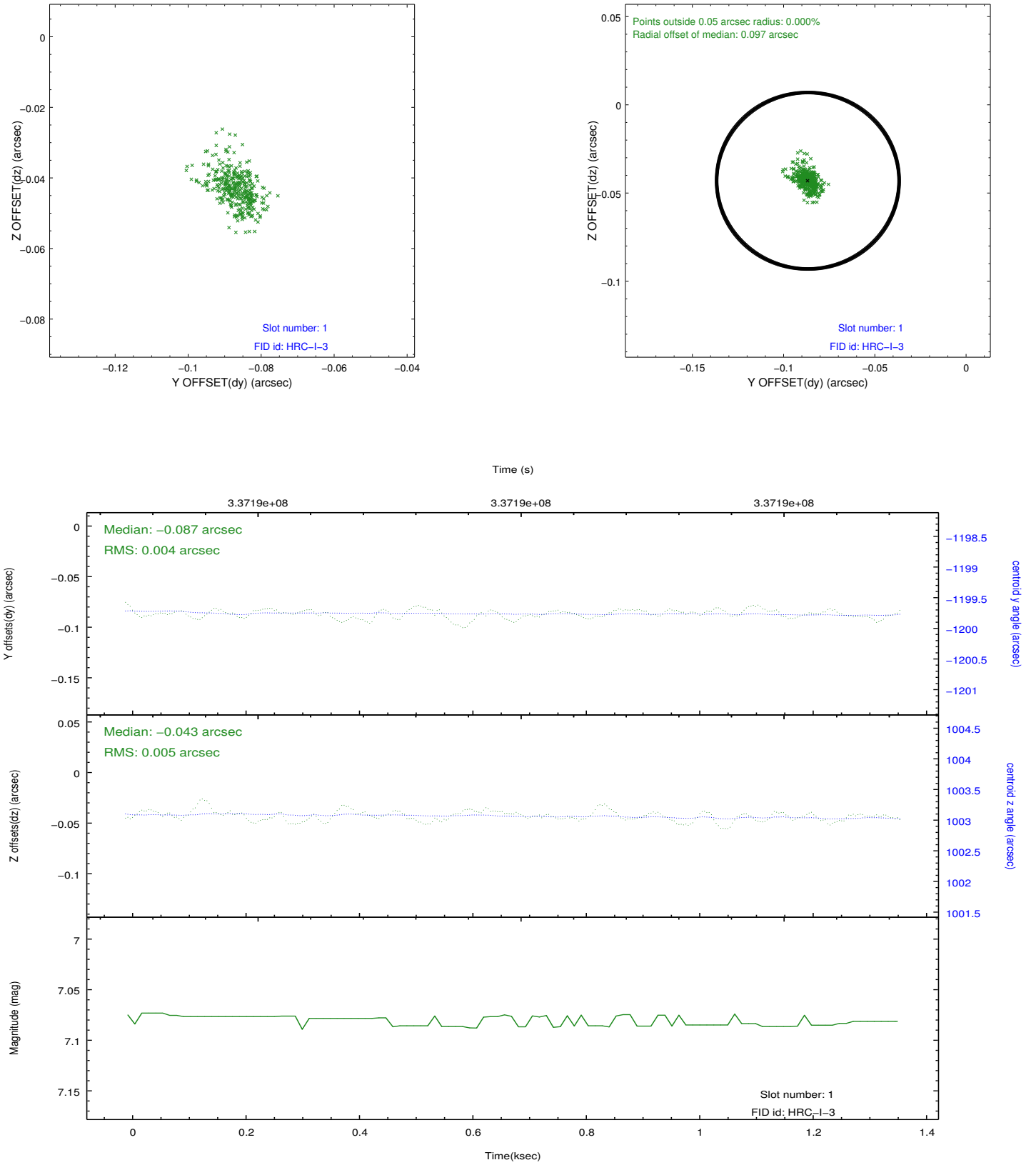


2.5 FID Slots

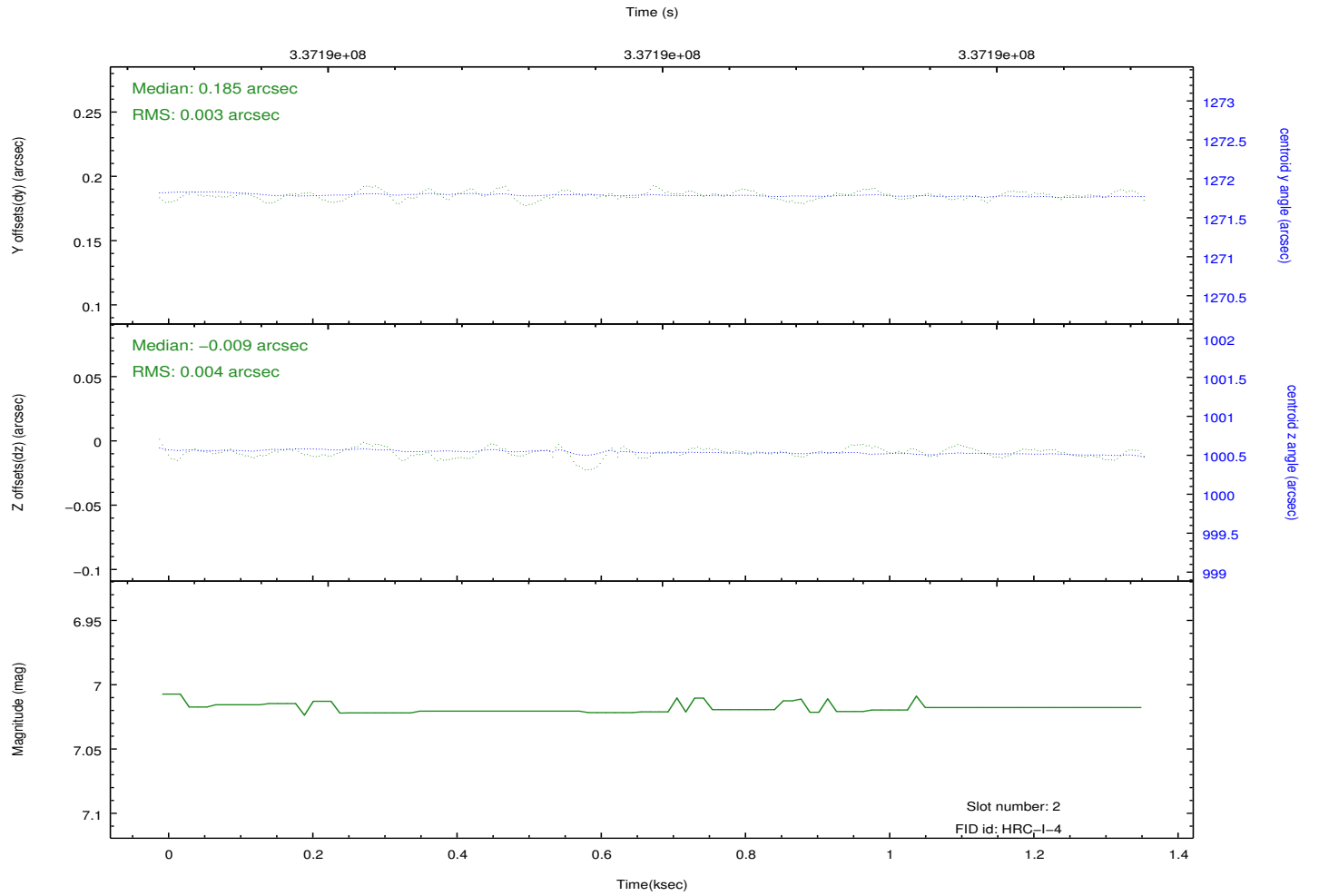
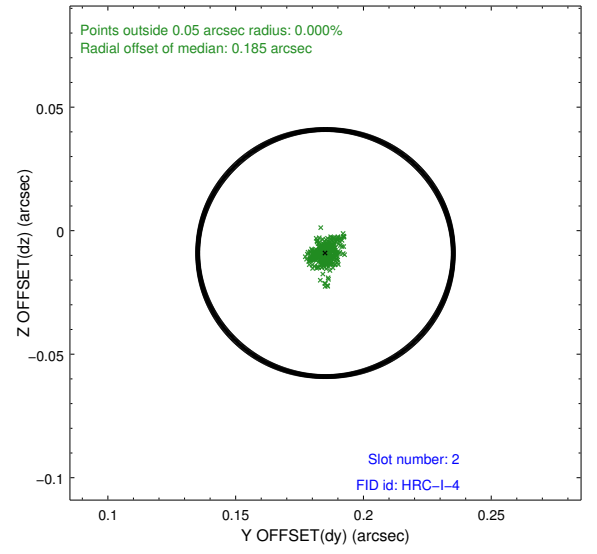
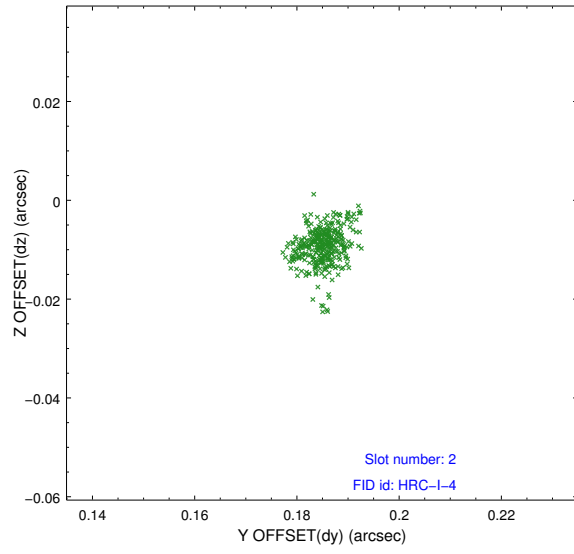
2.5.1 Slot 0



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)	2012.08.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.36658131

A.2 Comments