

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9653 - L2 Version 3
Chandra X-Ray Center

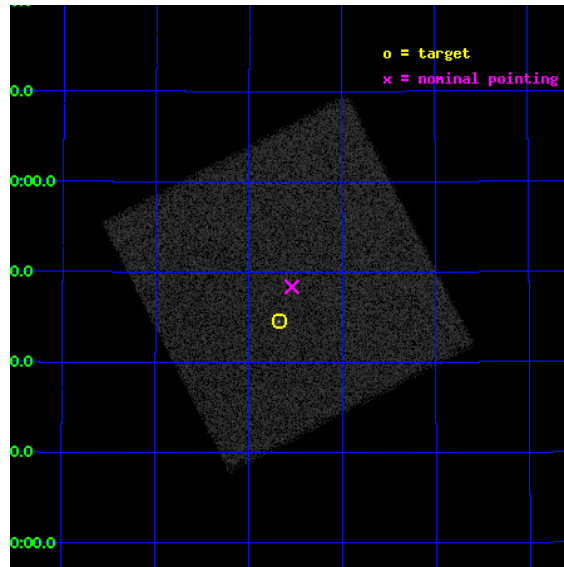
L2 Processing Date : Aug 12 2012

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1 Front

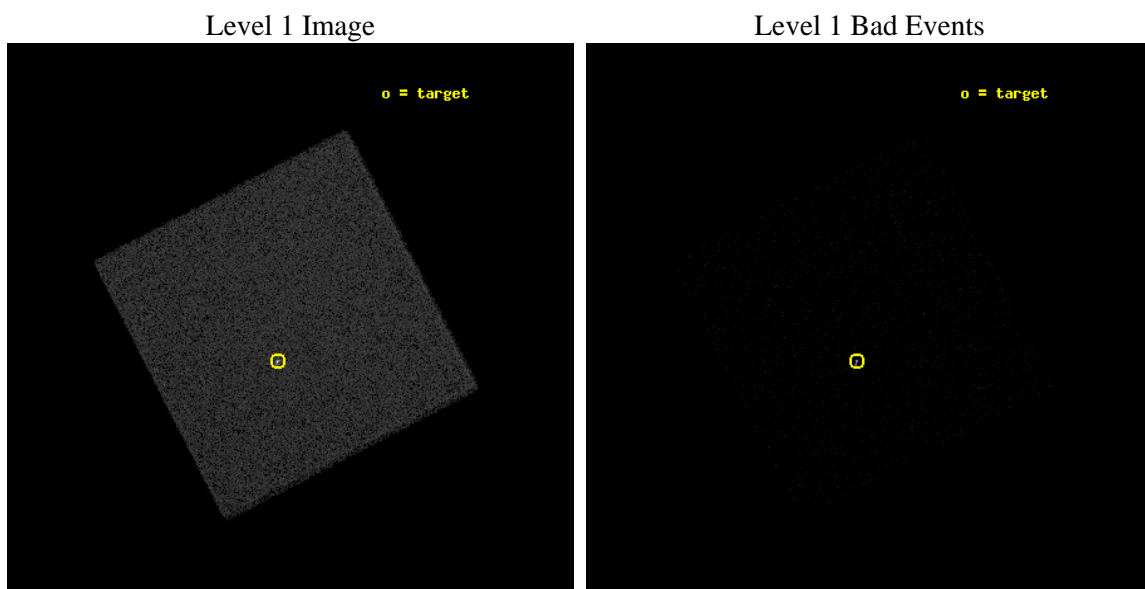
seq_num	290776	Sequence number
obs_id	9653	Observation id
title	AO9 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.13478098827	Nominal RA [deg]
dec_nom	45.806427548853	Nominal Dec [deg]
roll_nom	197.76620307924	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1366.3250671625	[s]
livetime	1351.5019782709	Ontime multiplied by DTCOR
l2events	92179	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	1366.3250671625	[s]
caldbver	4.5.1.1	 	l1events	164061	Number of level 1 events
date	2012-08-12T19:48:05	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

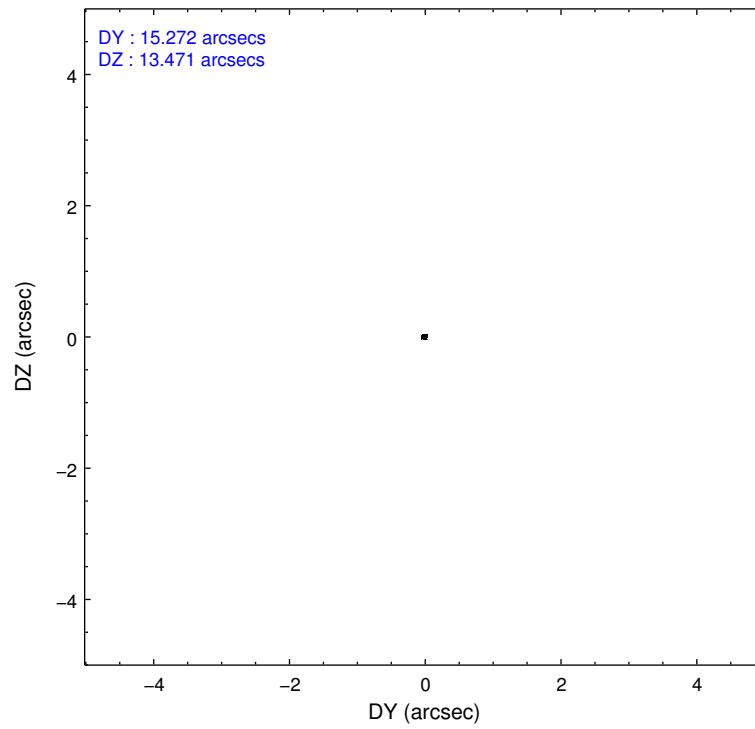
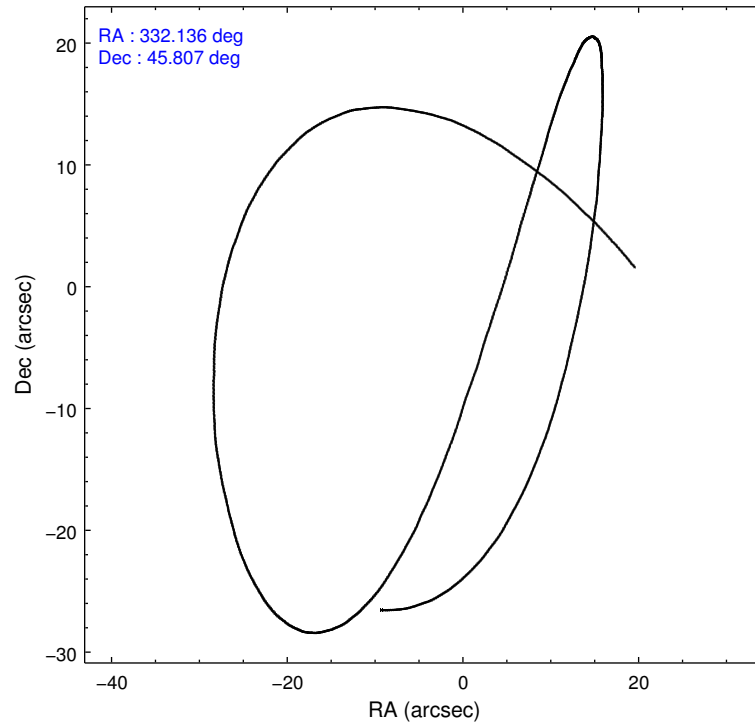
	segment 0
level 1 events	164061
rejected events	31357
rejected %	19%

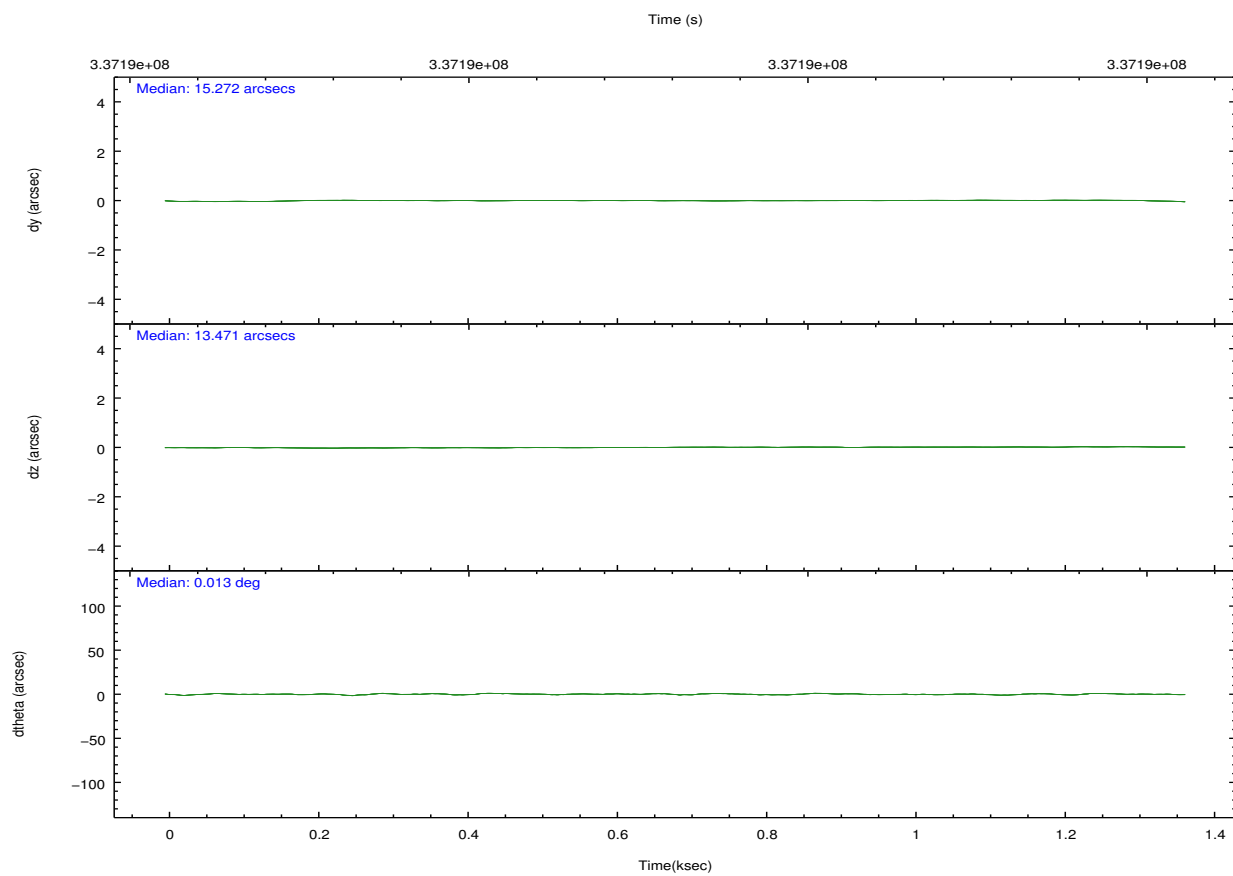
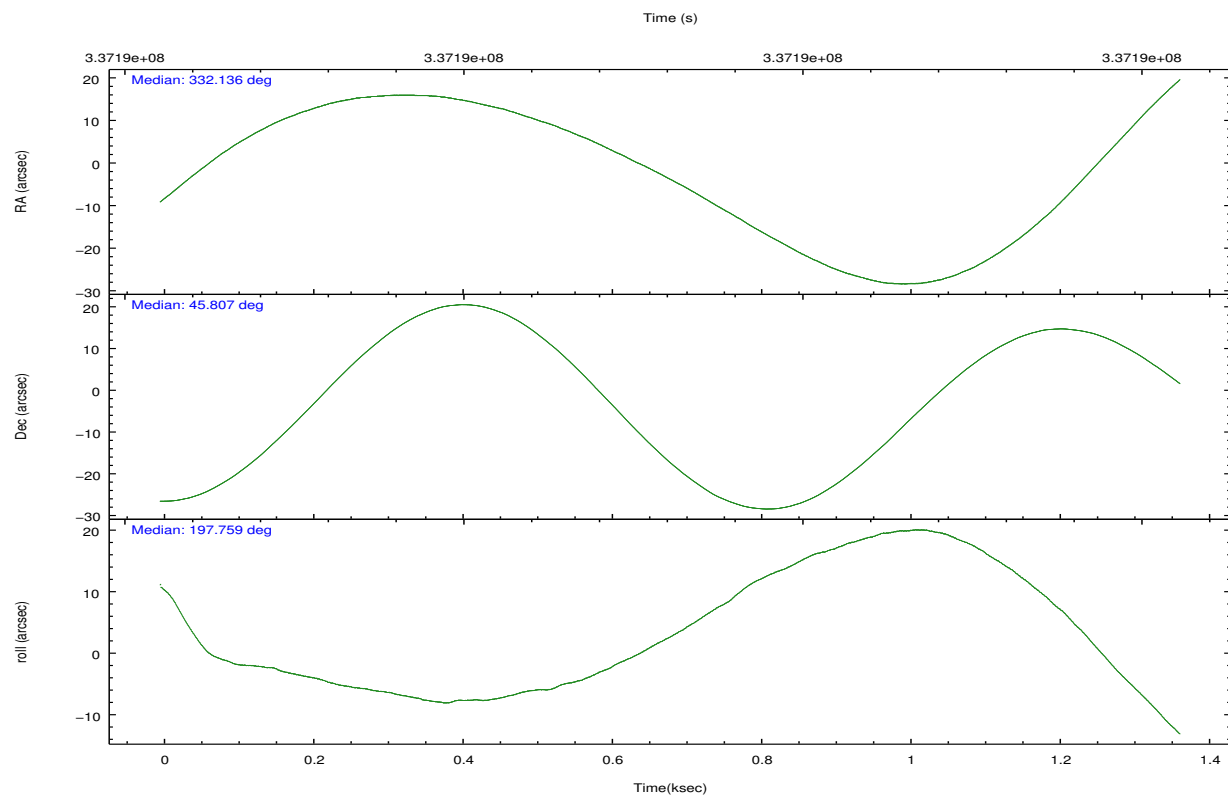
2.2 Compared Parameters

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	332.160228	332.1347809882657
[deg] Pointing Dec	45.826602	45.80642754885326
[deg] Pointing Roll	197.843428	197.7662030792426
[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)	337191797.184000	337191420.96876
Observation start date	2008-09-07T16:22:12	2008-09-07T16:17:00
[s] Observation end time (MET)	337192977.184000	337193111.19385
Observation end date	2008-09-07T16:41:52	2008-09-07T16:45:11

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

2.3 Aspect



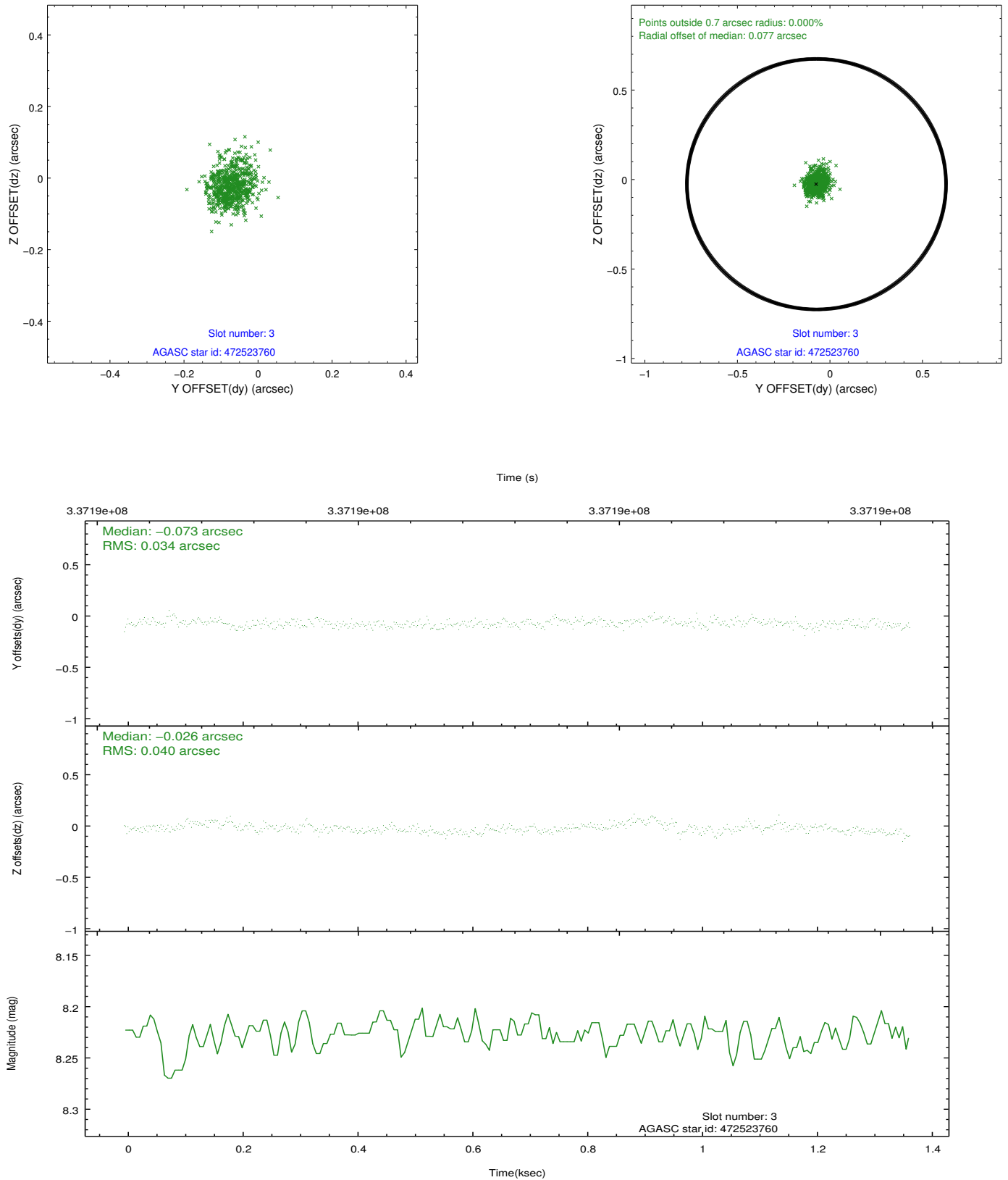


Slot Statistics

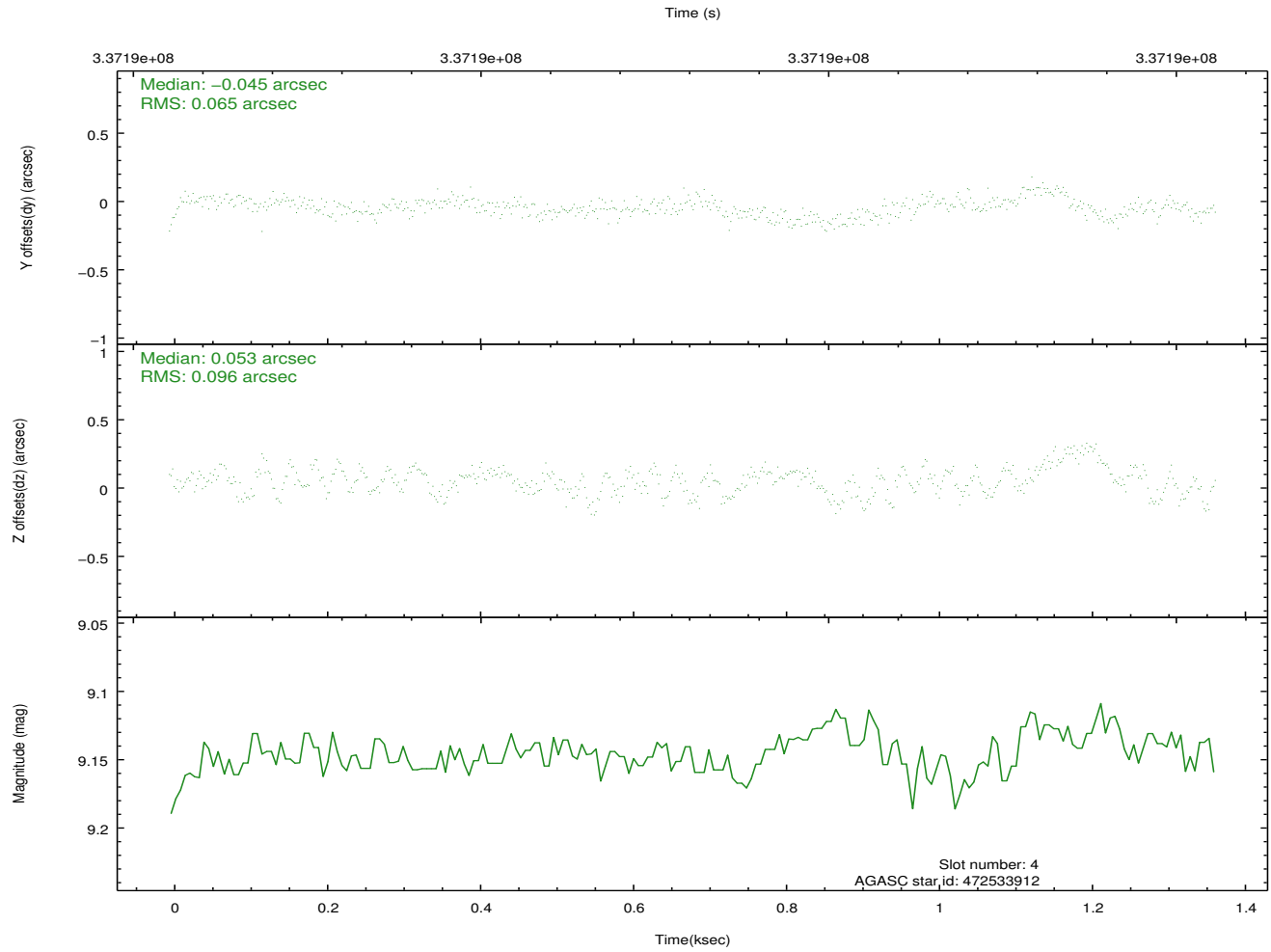
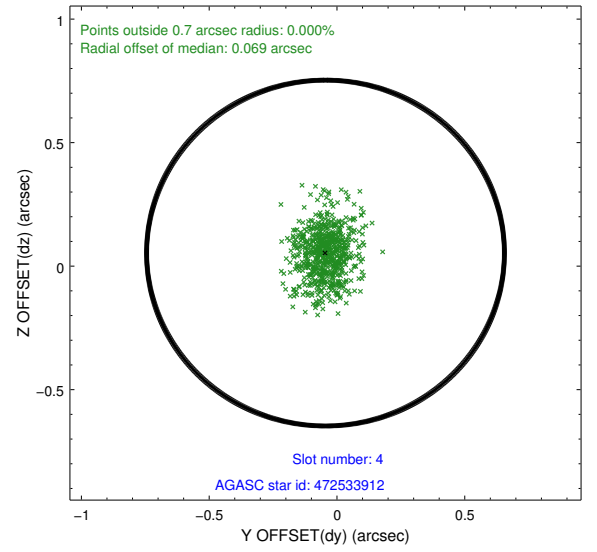
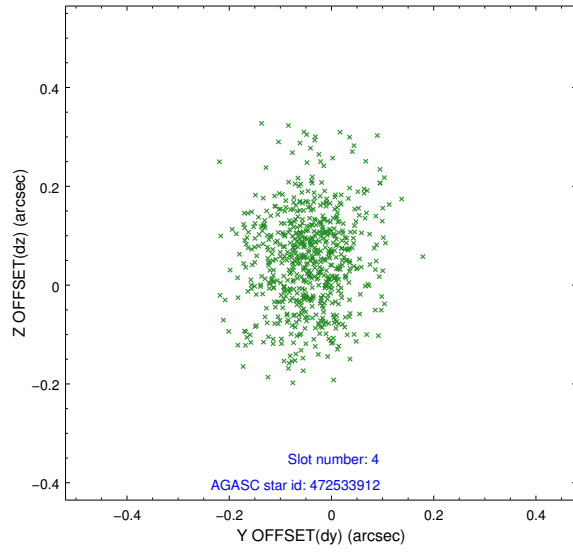
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.00	334	-0.110	-0.023	0.006	0.009	0.000000	0.000000	-771.29	-1301.47
1	FID	HRC-I-2	7.03	334	0.188	-0.087	0.007	0.014	0.000000	0.000000	839.33	-1307.12
2	FID	HRC-I-4	7.02	333	0.040	0.018	0.005	0.010	0.000000	0.000000	1274.34	996.66
3	GUIDE	472523760	8.23	668	-0.073	-0.026	0.055	0.093	331.645363	45.403260	1705.50	1049.66
4	GUIDE	472533912	9.15	666	-0.045	0.053	0.123	0.212	331.791136	46.368695	277.98	-2137.45
5	GUIDE	472535576	7.87	668	-0.130	0.122	0.067	0.114	331.438373	46.291802	1195.24	-2153.62
6	GUIDE	472655152	9.41	668	0.065	-0.206	0.136	0.220	332.504239	45.862991	-858.75	135.87
7	GUIDE	472665256	9.02	666	0.190	0.058	0.103	0.158	332.808125	46.195041	-1945.25	-772.60

2.4 Star Slots

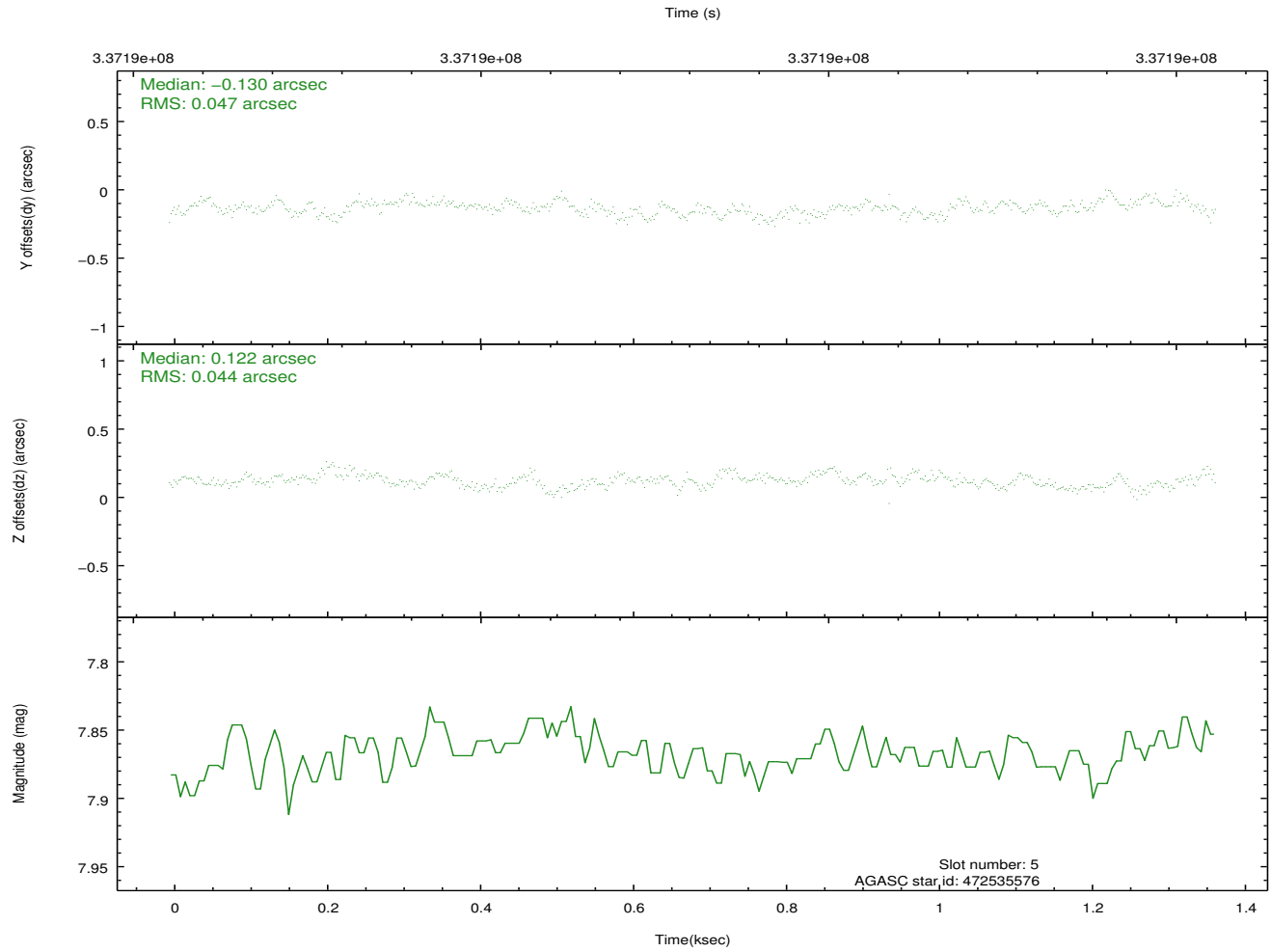
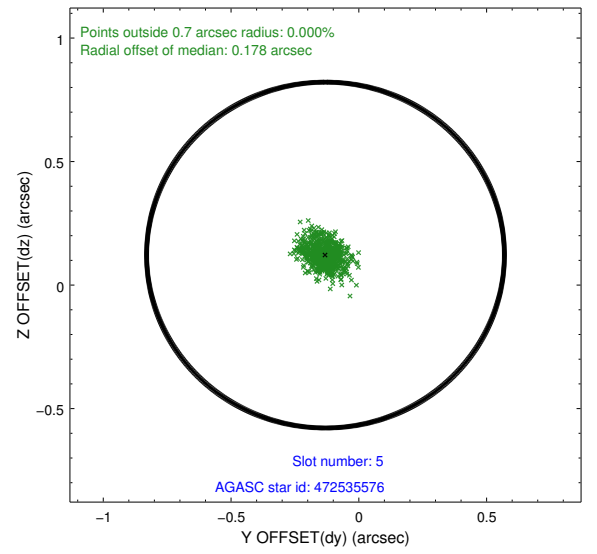
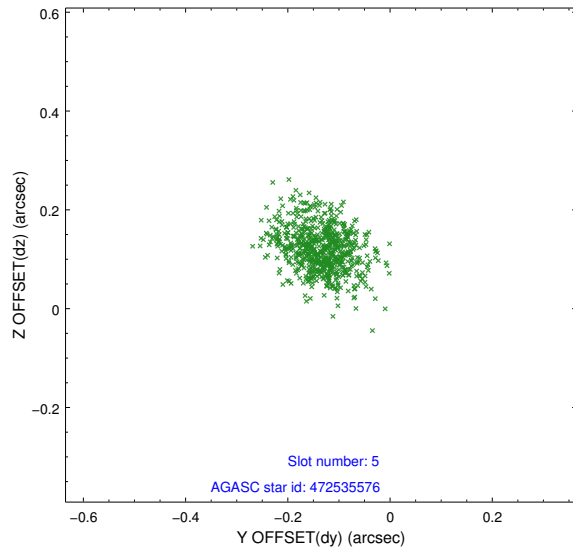
2.4.1 Slot 3



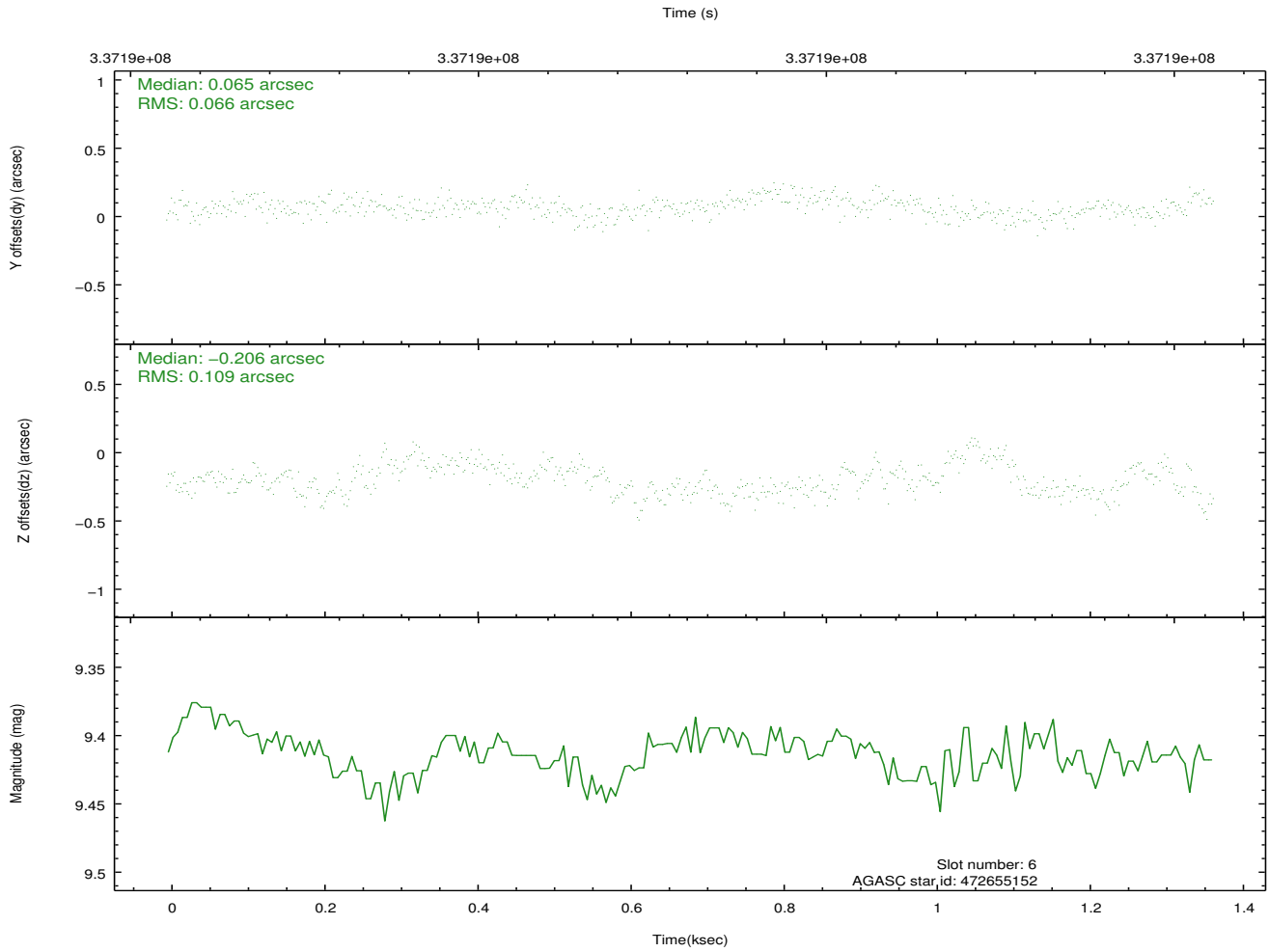
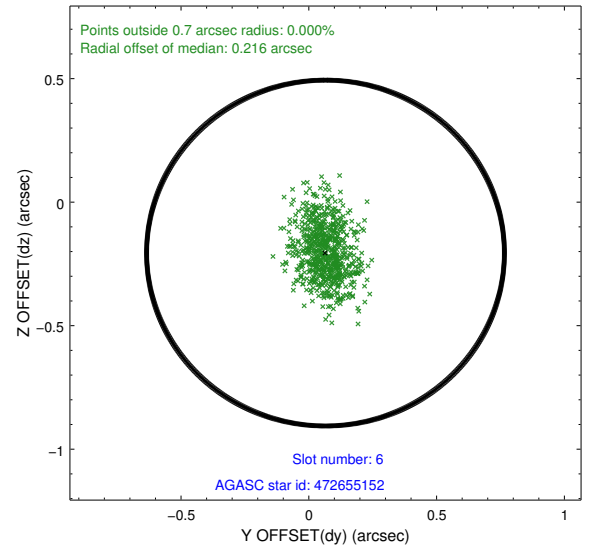
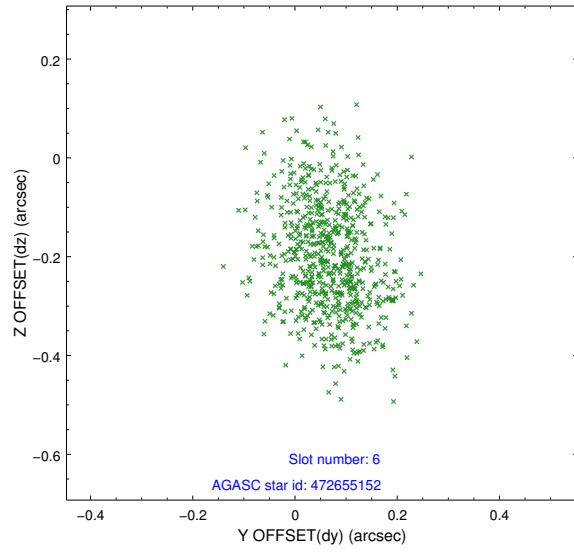
2.4.2 Slot 4



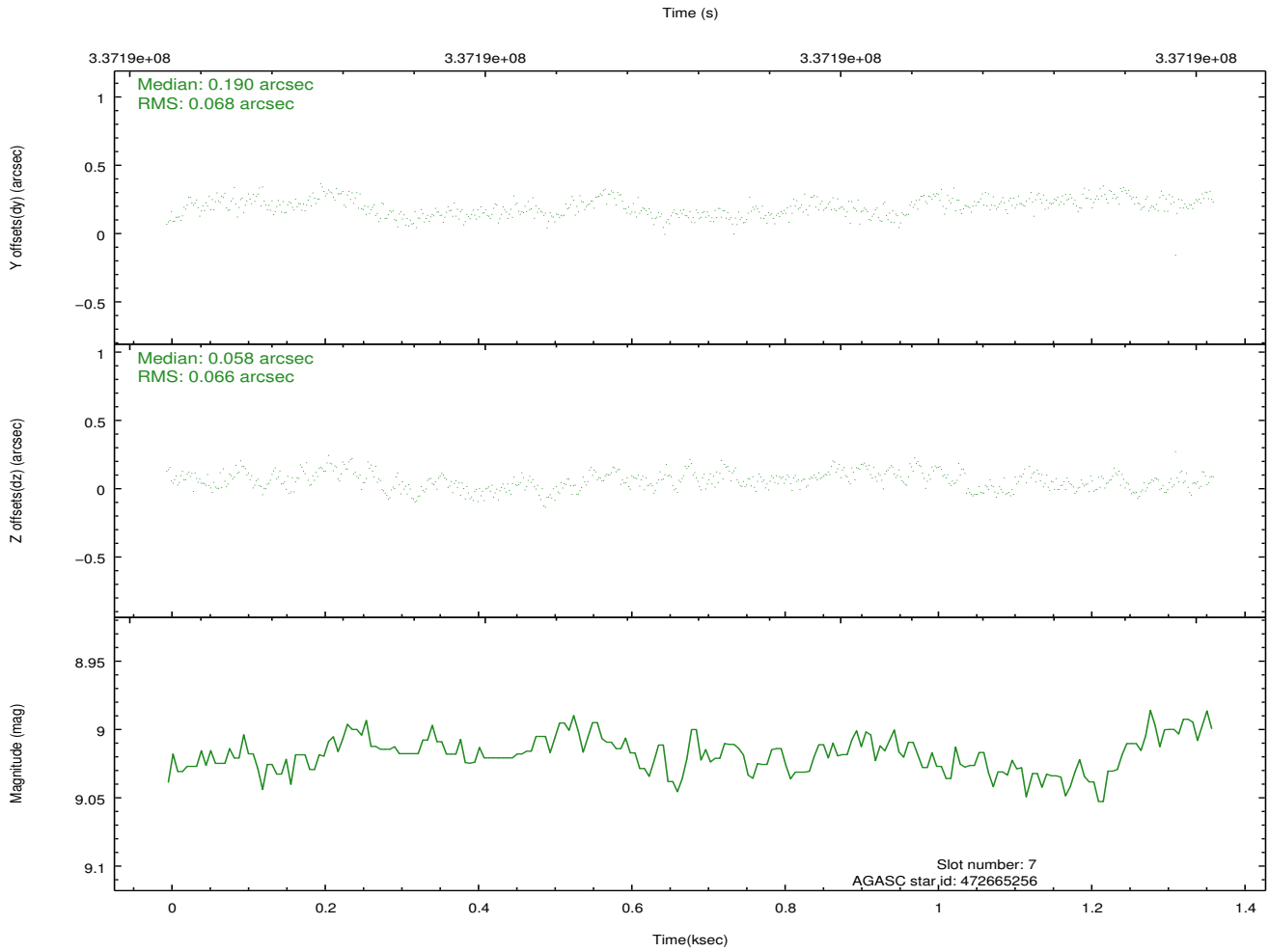
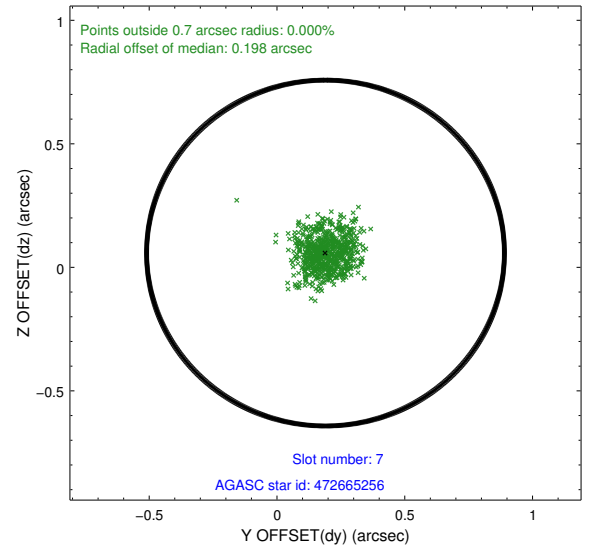
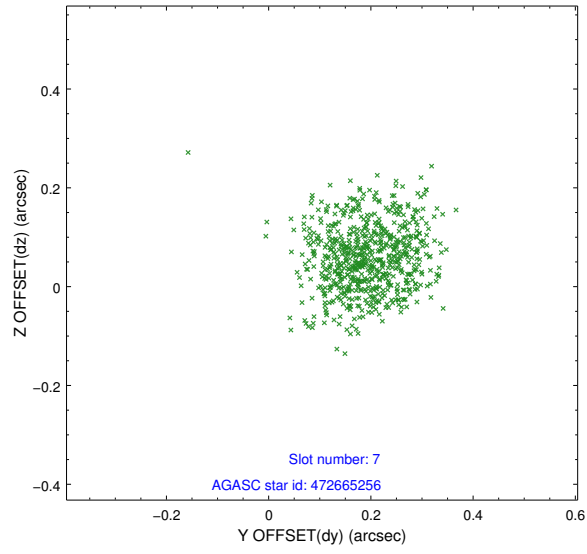
2.4.3 Slot 5



2.4.4 Slot 6

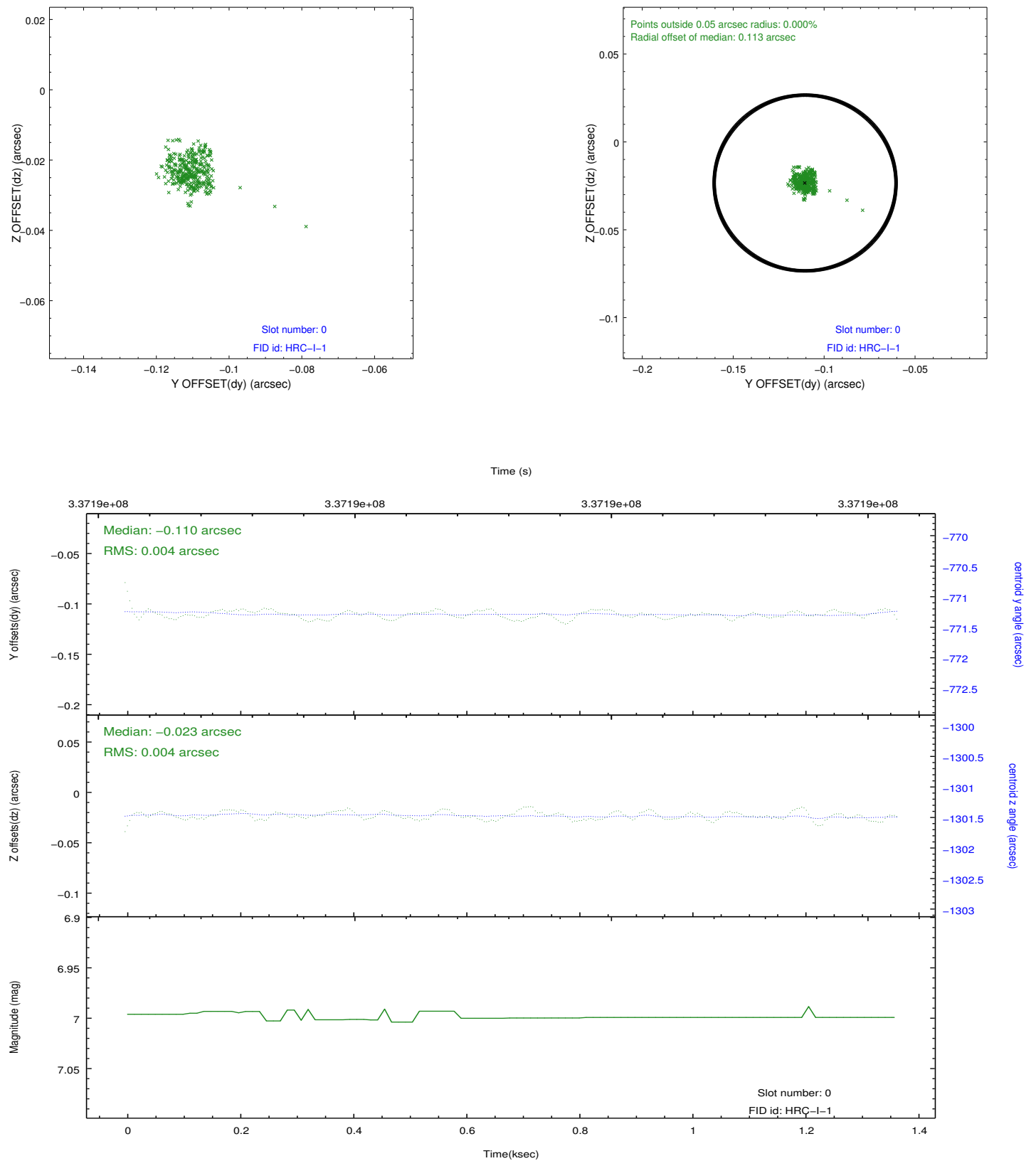


2.4.5 Slot 7

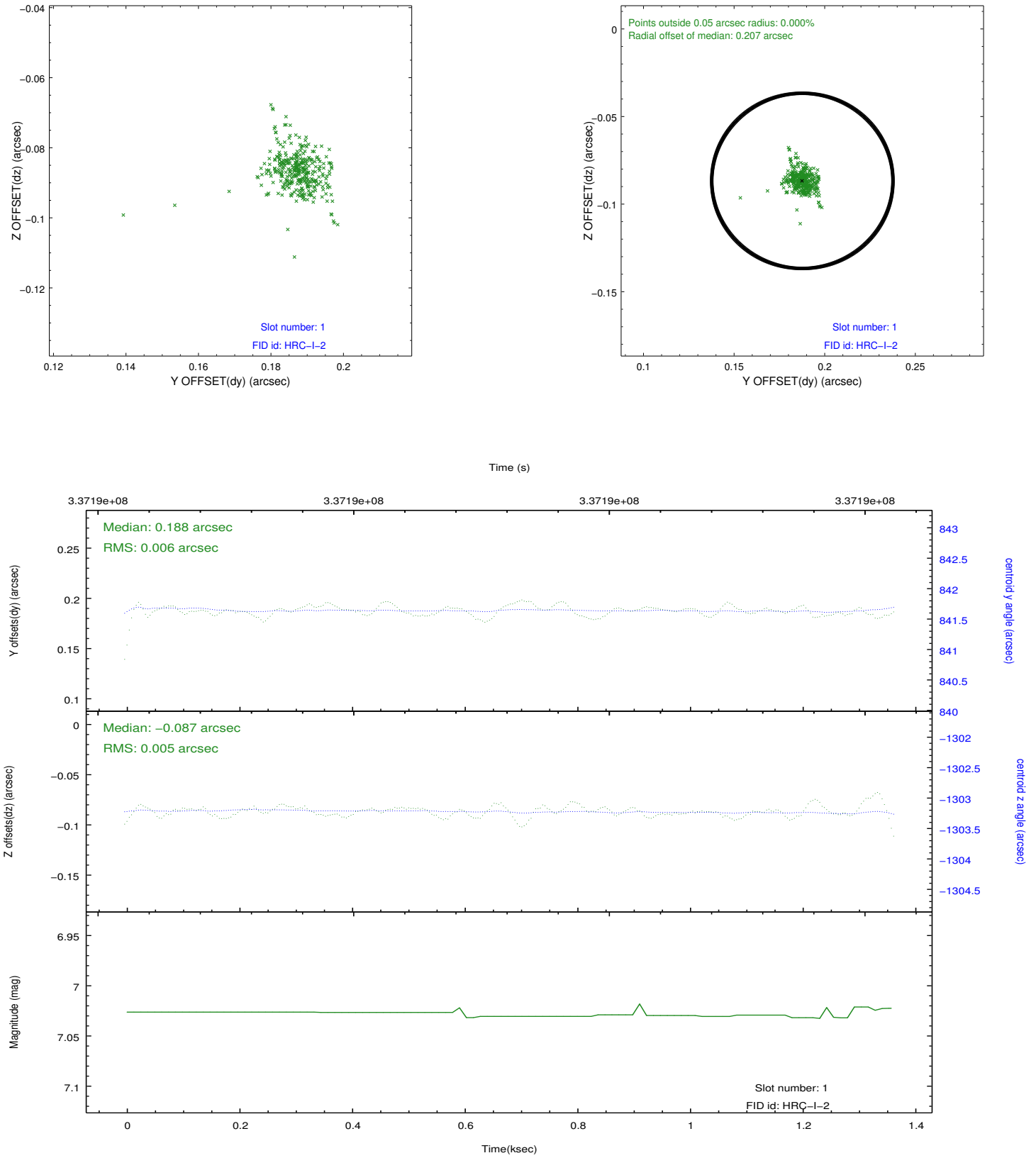


2.5 FID Slots

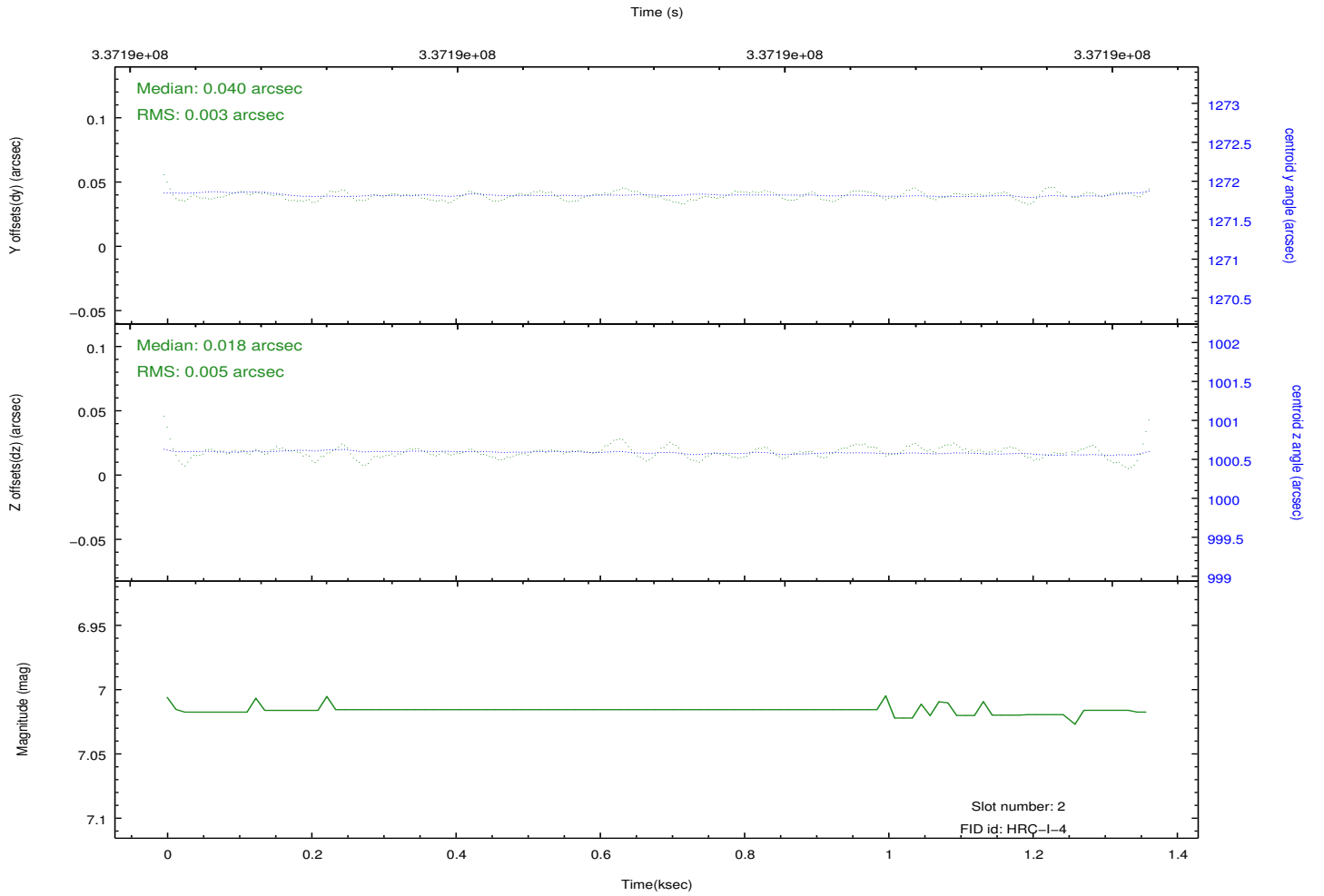
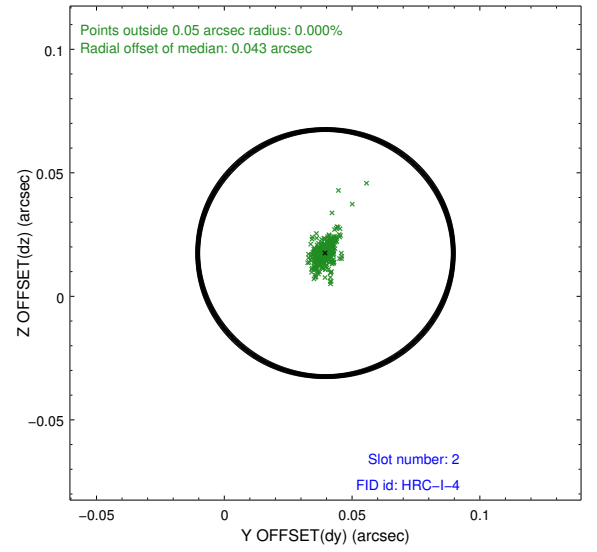
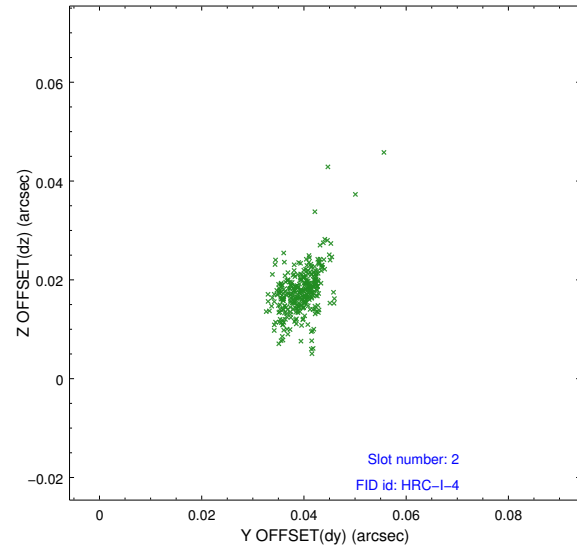
2.5.1 Slot 0



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	1.36632506

A.2 Comments