

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9641 - L2 Version 3
Chandra X-Ray Center

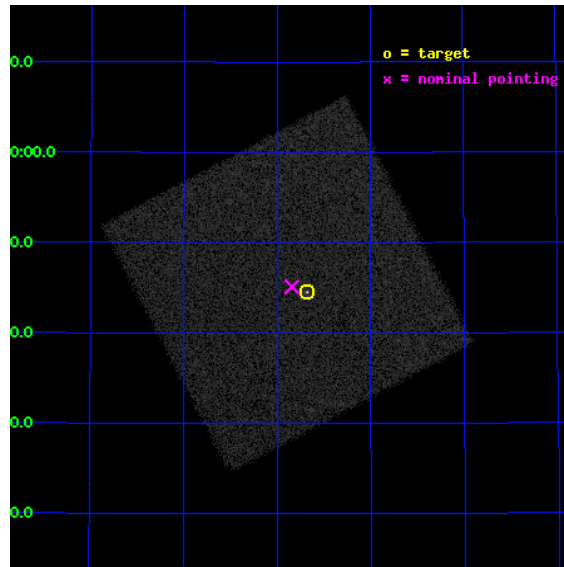
L2 Processing Date : Aug 12 2012

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1 Front

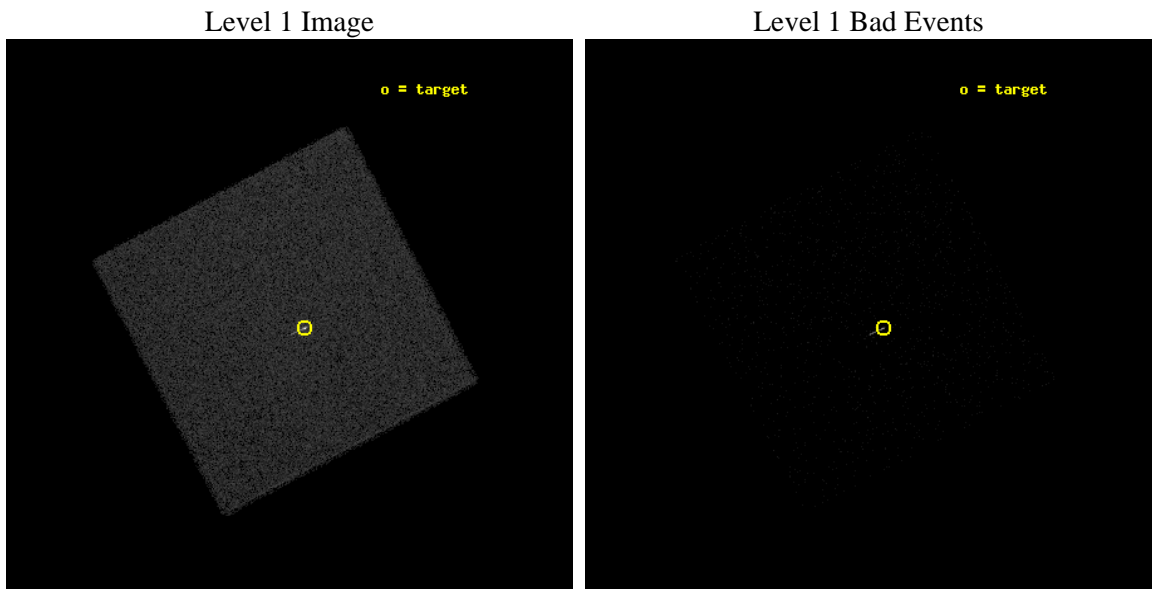
seq_num	290764	Sequence number
obs_id	9641	Observation id
title	AO9 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.21069254963	Nominal RA [deg]
dec_nom	45.752166771361	Nominal Dec [deg]
roll_nom	197.41257655515	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1360.4313169122	[s]
livetime	1345.6481041175	Ontime multiplied by DTCOR
l2events	92529	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	1360.4313169122	[s]
caldbver	4.5.1.1	 	l1events	164860	Number of level 1 events
date	2012-08-12T18:38:45	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

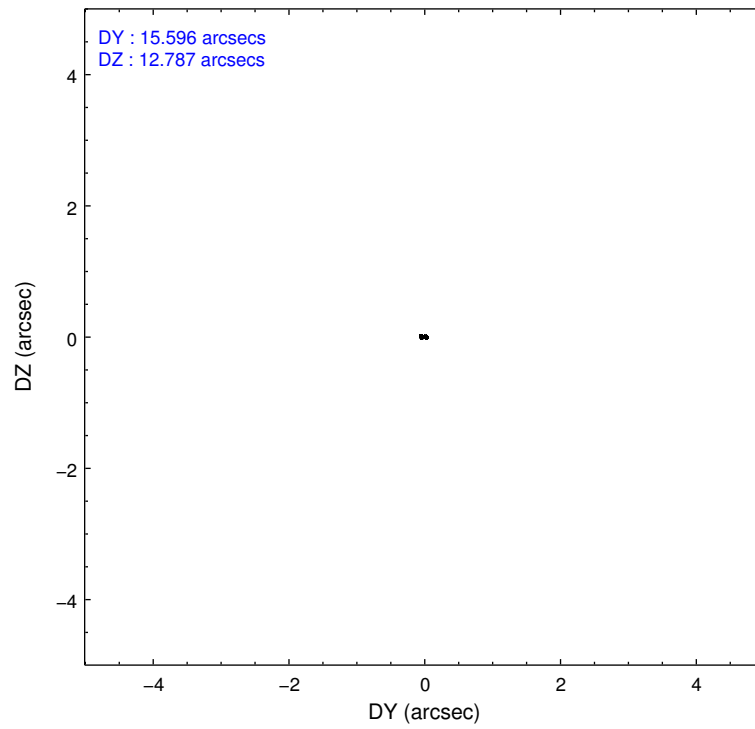
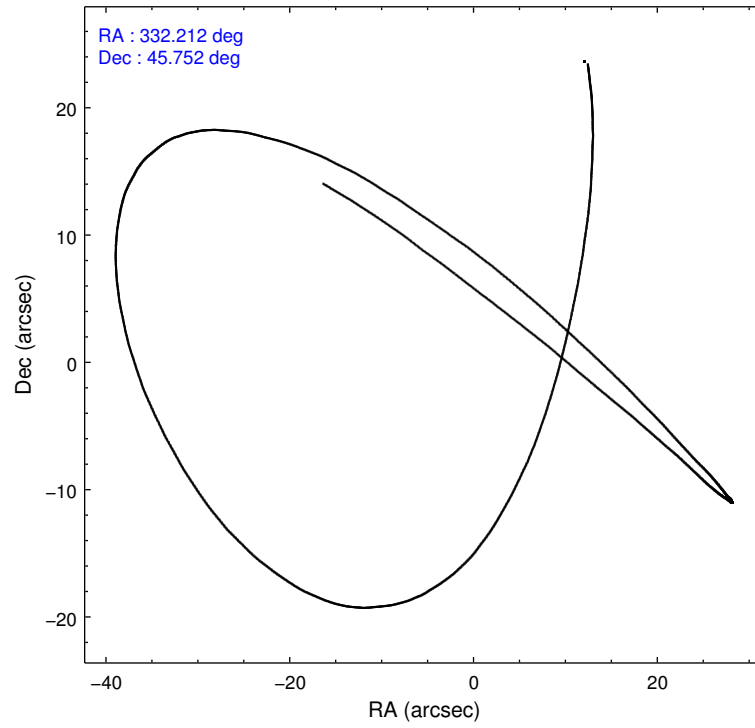
Level 1 Events

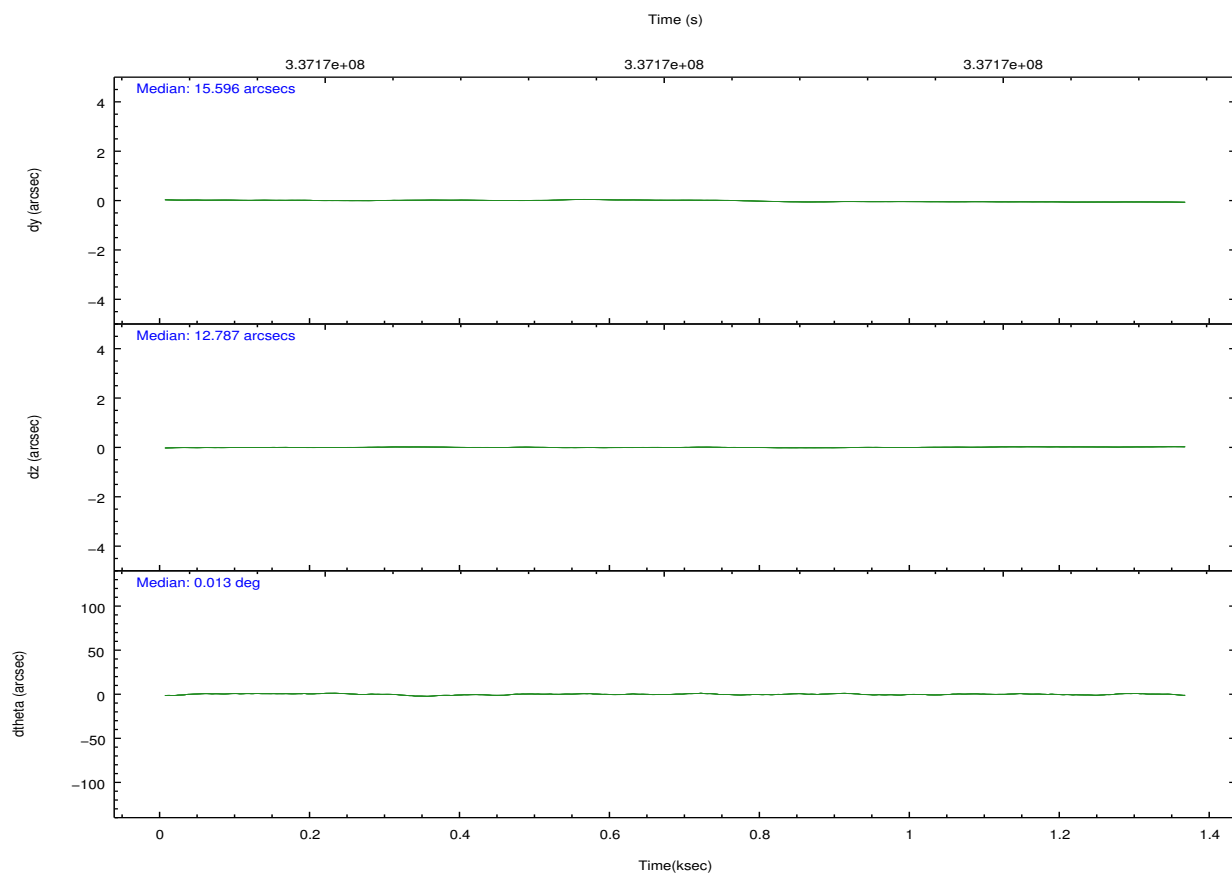
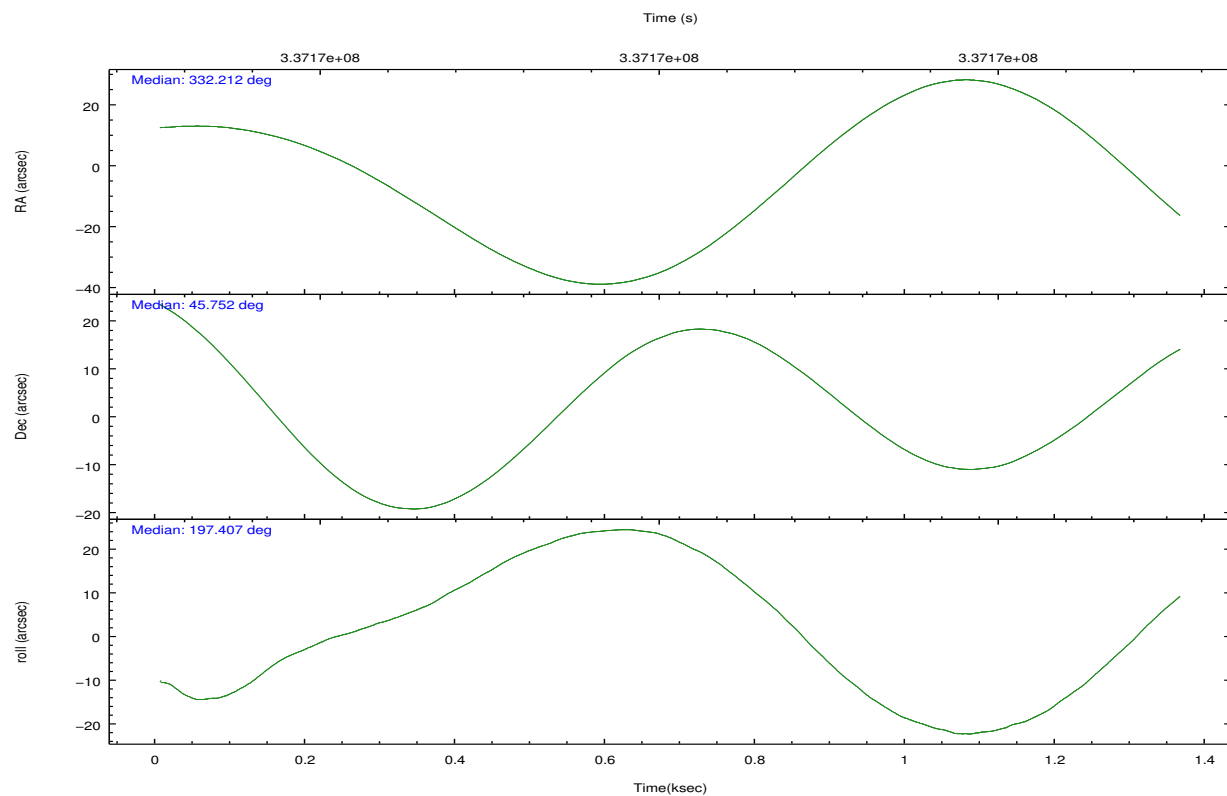
	segment 0
level 1 events	164860
rejected events	32225
rejected %	19%

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	332.235229	332.2106925496264			
[deg] Pointing Dec	45.773101	45.75216677136068			
[deg] Pointing Roll	197.490458	197.4125765551524			
[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)	337171517.184000	337171141.34277			
Observation start date	2008-09-07T10:44:12	2008-09-07T10:39:01			
[s] Observation end time (MET)	337172697.184000	337172831.05535			
Observation end date	2008-09-07T11:03:52	2008-09-07T11:07:11			

2.3 Aspect



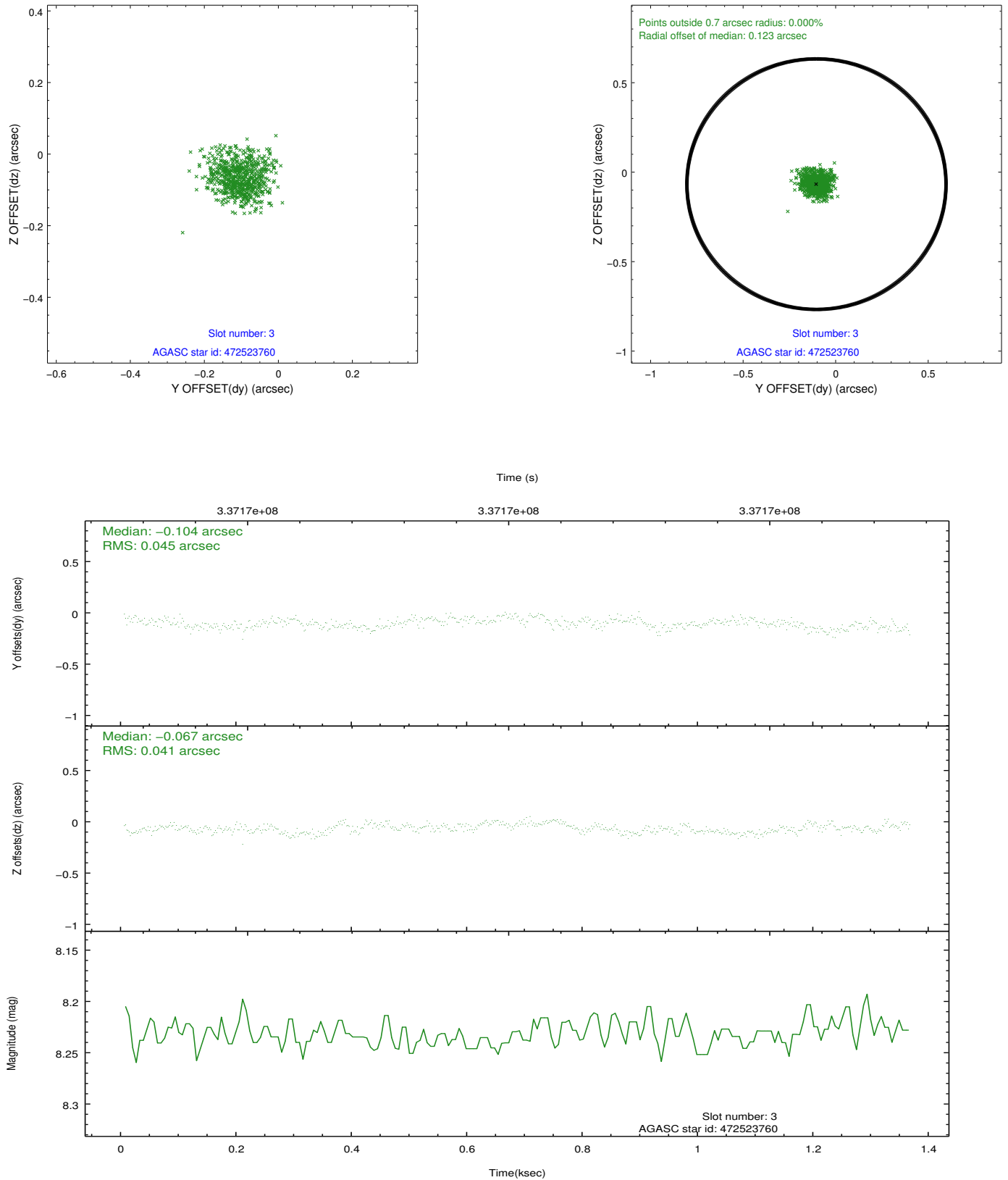


Slot Statistics

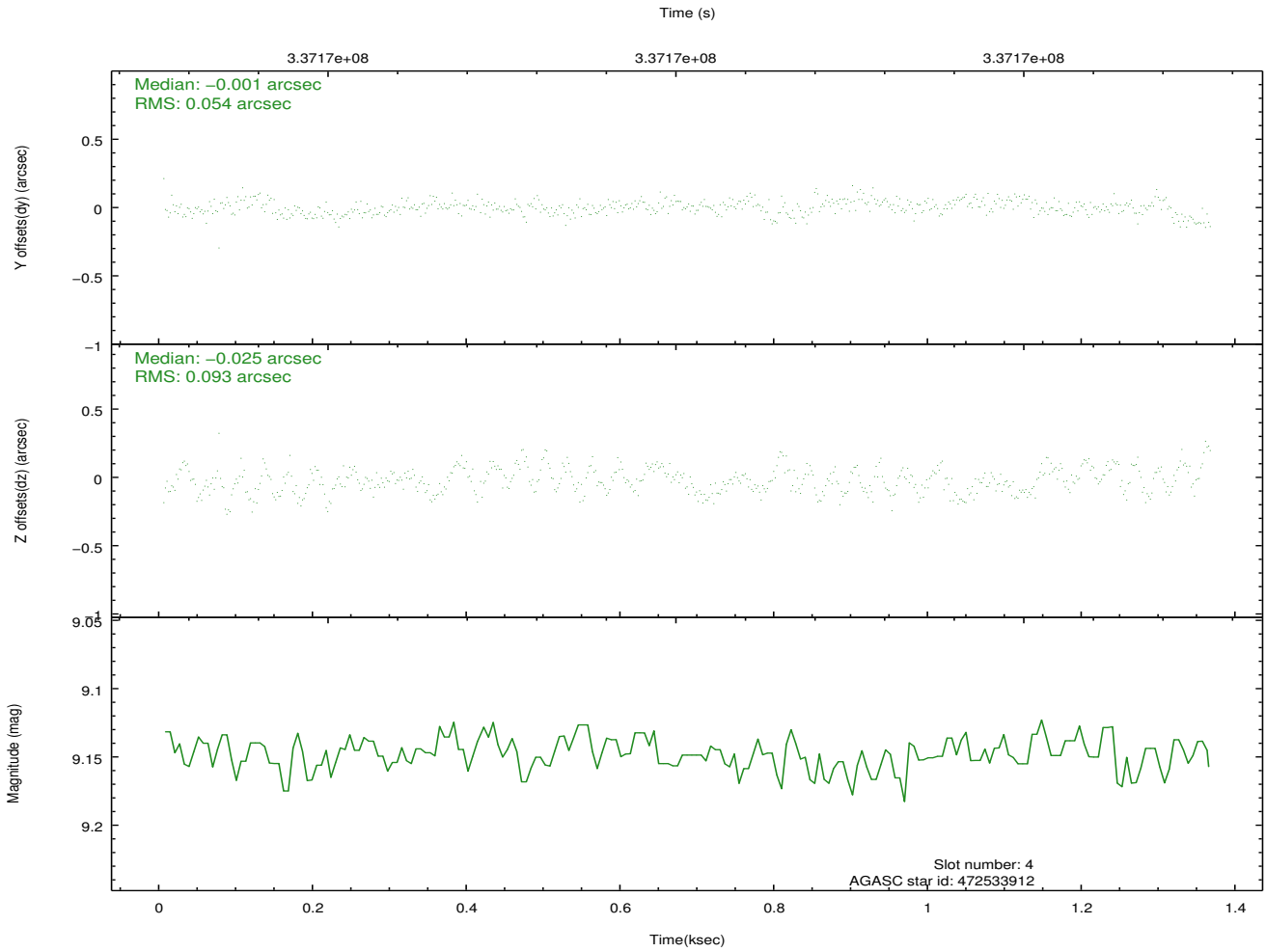
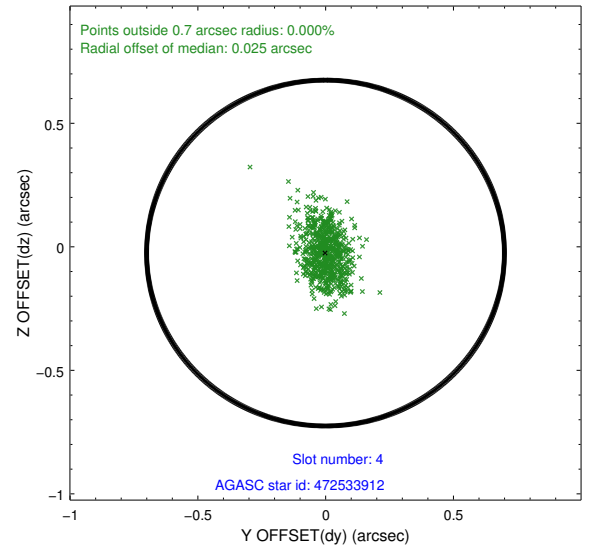
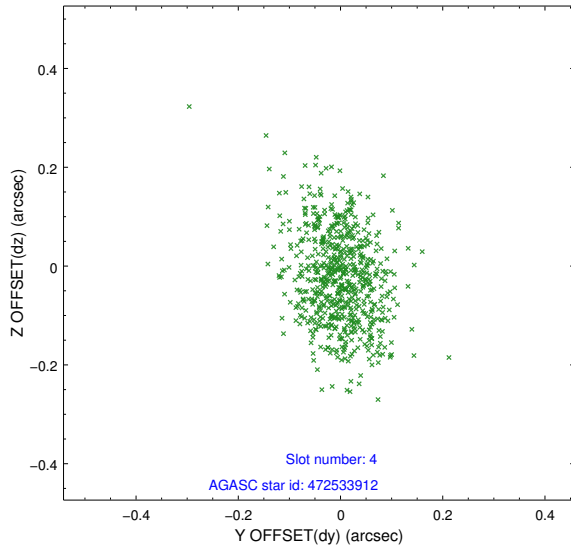
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.00	332	0.023	-0.047	0.008	0.022	0.000000	0.000000	-771.49	-1300.79
1	FID	HRC-I-3	7.09	332	-0.094	-0.029	0.010	0.032	0.000000	0.000000	-1202.23	999.91
2	FID	HRC-I-4	7.02	332	0.184	-0.014	0.007	0.022	0.000000	0.000000	1268.03	1004.26
3	GUIDE	472523760	8.23	665	-0.104	-0.067	0.065	0.102	331.645363	45.403260	1823.24	814.41
4	GUIDE	472533912	9.15	664	-0.001	-0.025	0.111	0.184	331.791136	46.368695	412.61	-2380.51
5	GUIDE	472535576	7.87	665	-0.101	0.077	0.067	0.107	331.438373	46.291802	1329.95	-2391.87
6	GUIDE	472655152	9.45	665	0.062	0.048	0.109	0.170	332.504239	45.862991	-735.99	-112.82
7	GUIDE	472665256	9.02	664	0.137	-0.035	0.084	0.143	332.808125	46.195041	-1817.79	-1027.26

2.4 Star Slots

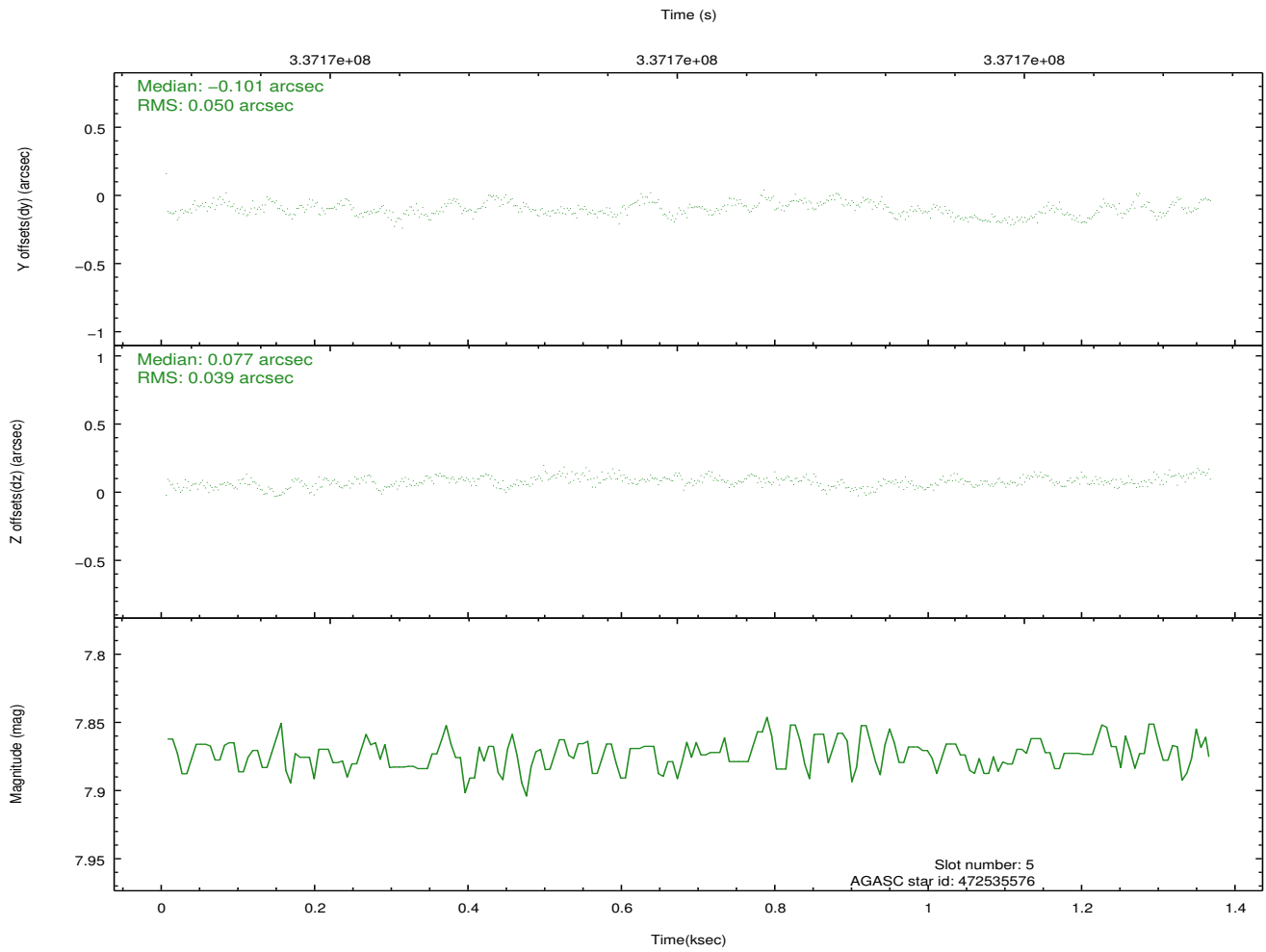
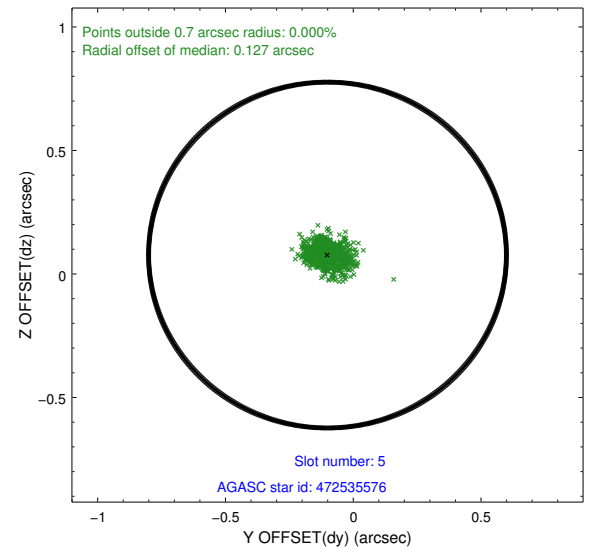
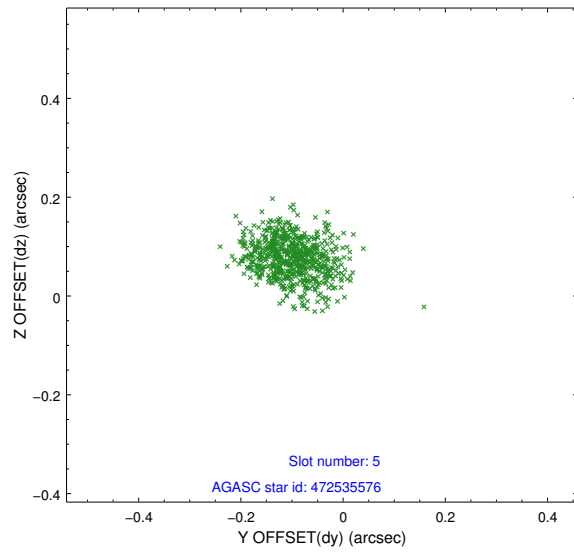
2.4.1 Slot 3



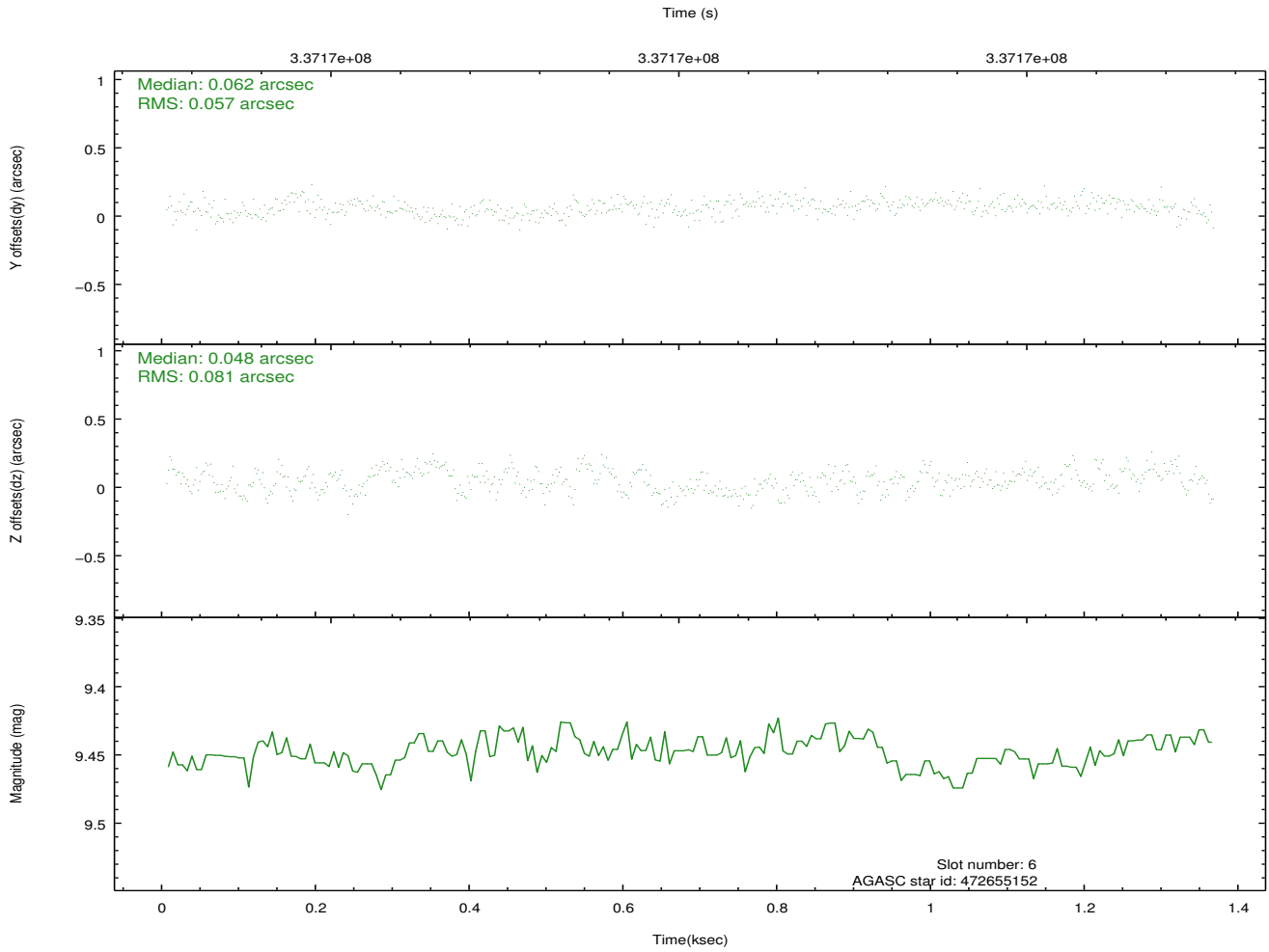
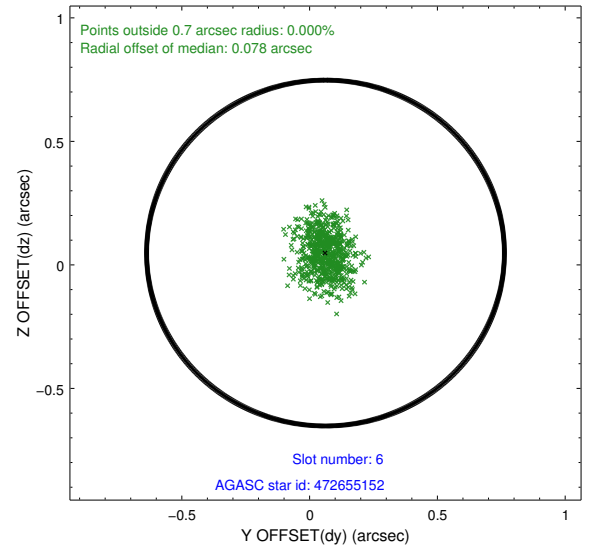
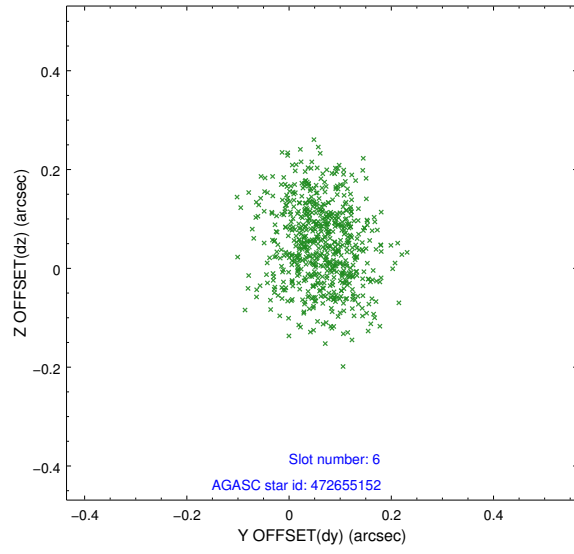
2.4.2 Slot 4



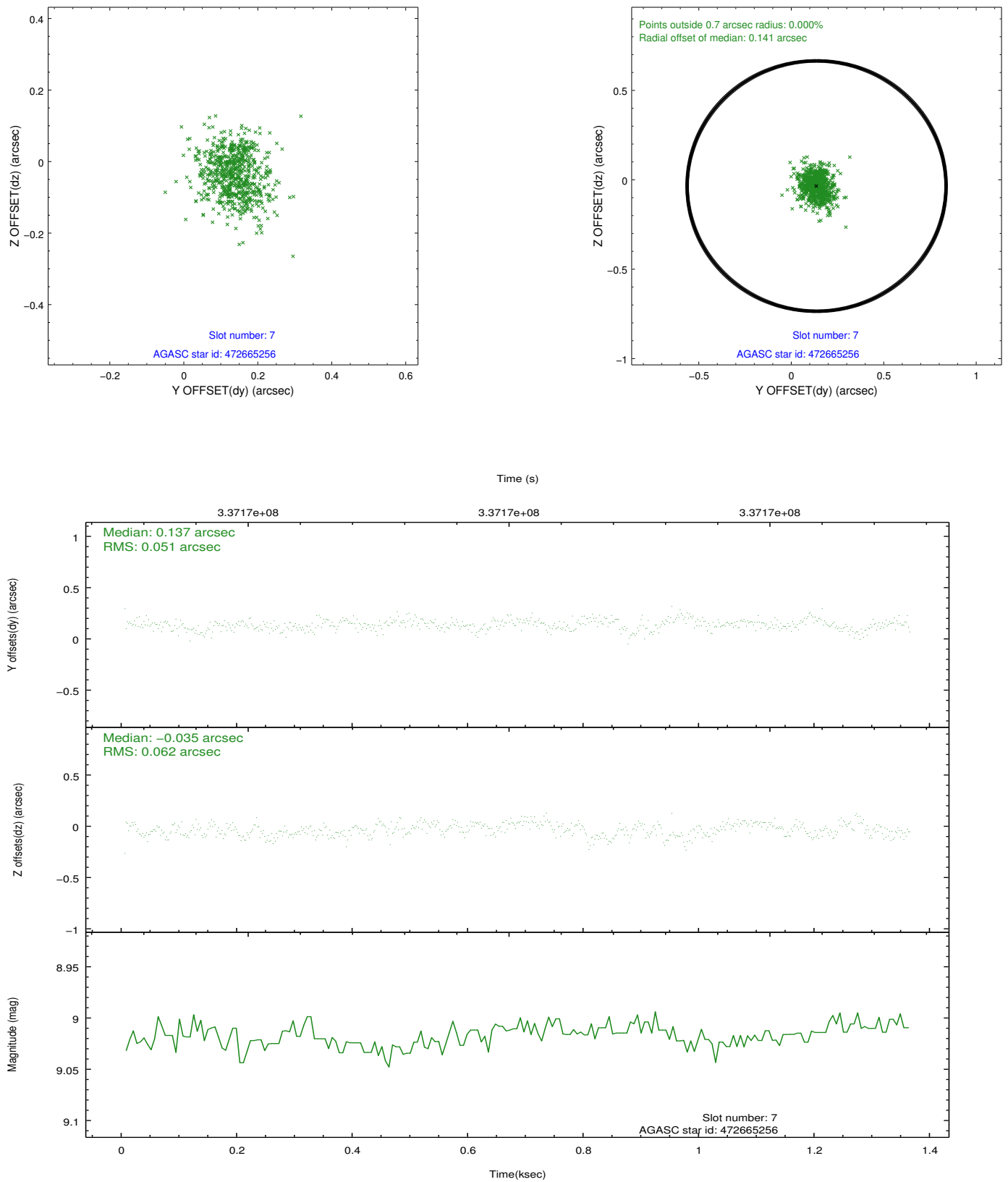
2.4.3 Slot 5



2.4.4 Slot 6

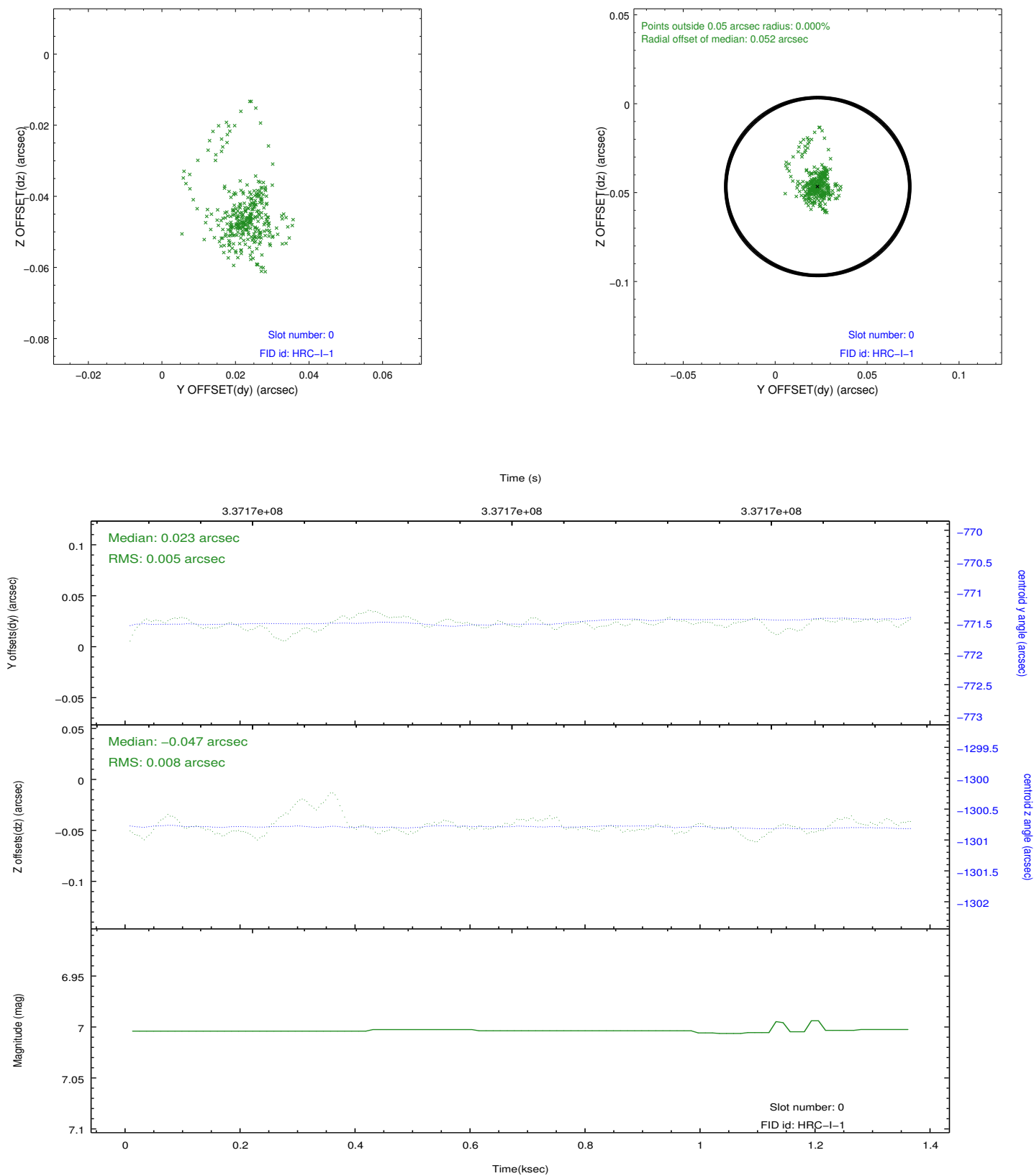


2.4.5 Slot 7

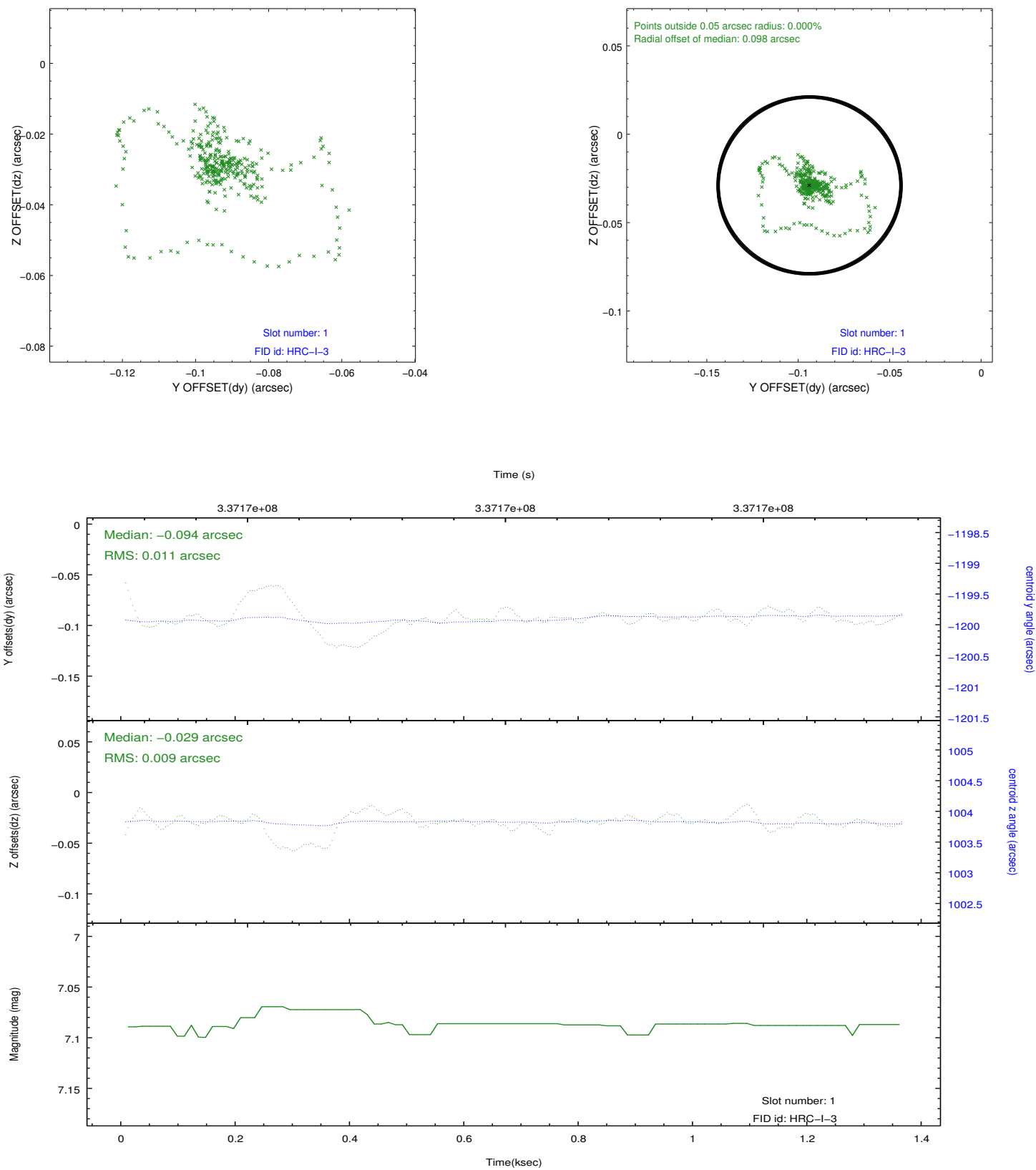


2.5 FID Slots

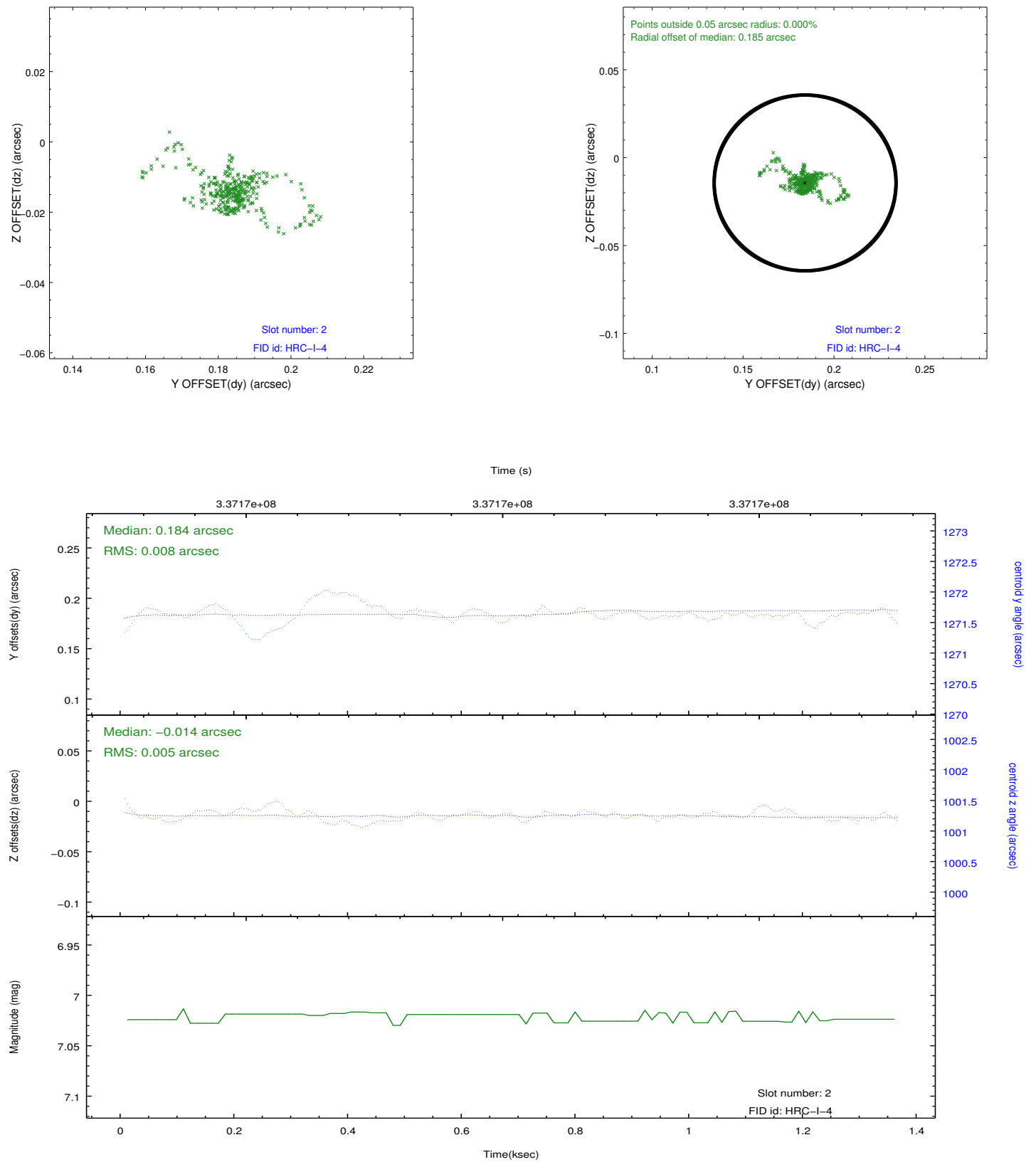
2.5.1 Slot 0



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)	2012.08.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.36017506

A.2 Comments