

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13031 - L2 Version 3
Chandra X-Ray Center

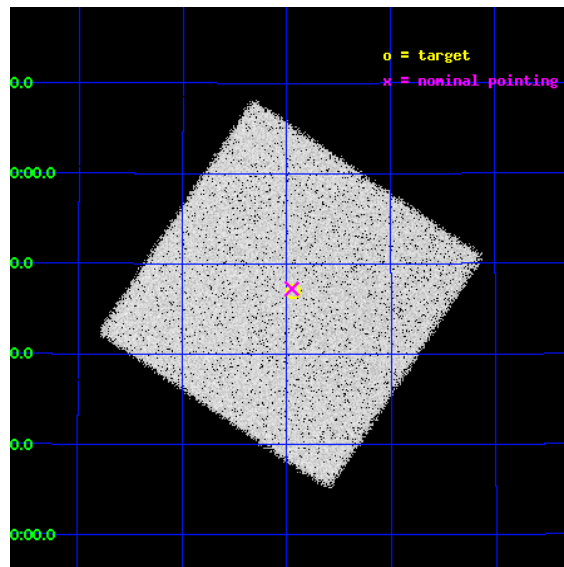
L2 Processing Date : Jul 27 2012

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1 Front

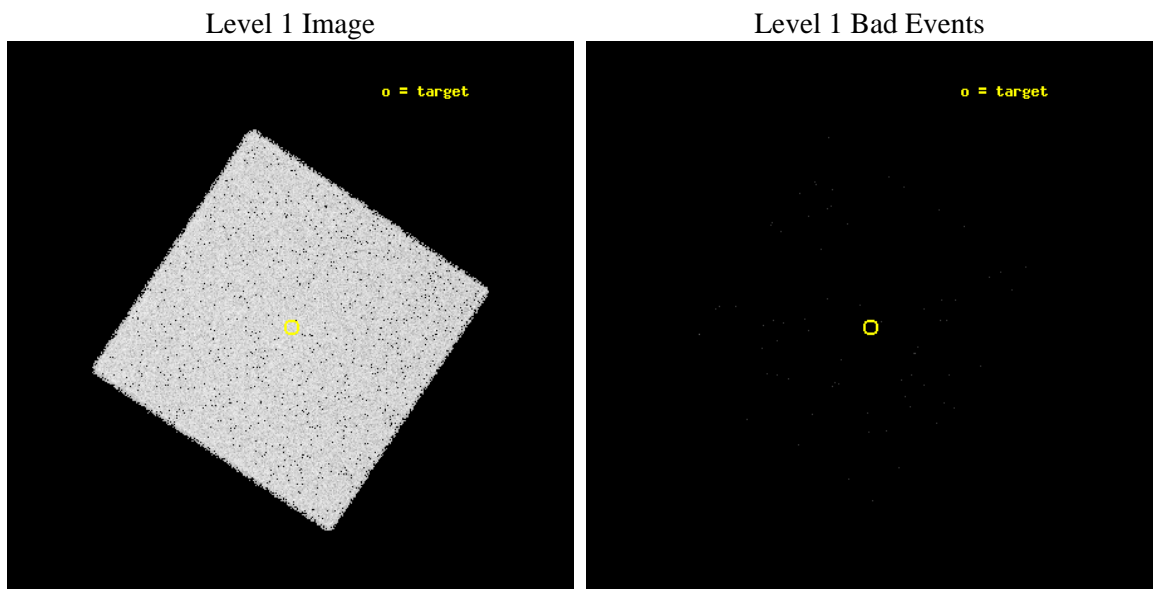
seq_num	290950	Sequence number
obs_id	13031	Observation id
title	AO-12 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.23758601539	Nominal RA [deg]
dec_nom	38.787390342762	Nominal Dec [deg]
roll_nom	78.836666738311	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2155.3188616633	[s]
liveltime	2133.598525752	Ontime multiplied by DTCOR
l2events	148207	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	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2155.3188616633	[s]
caldbver	4.5.1	 	l1events	329760	Number of level 1 events
date	2012-07-27T21:29:57	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

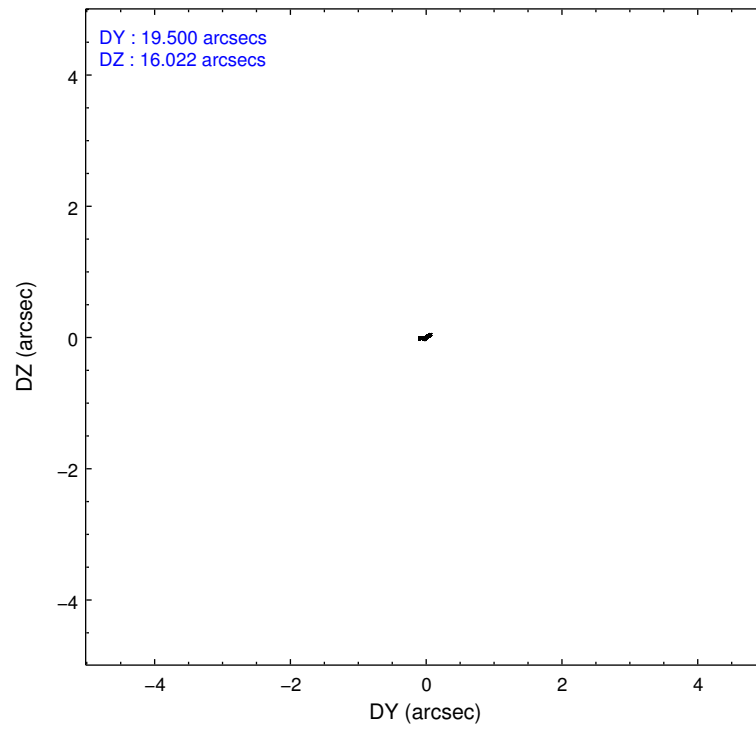
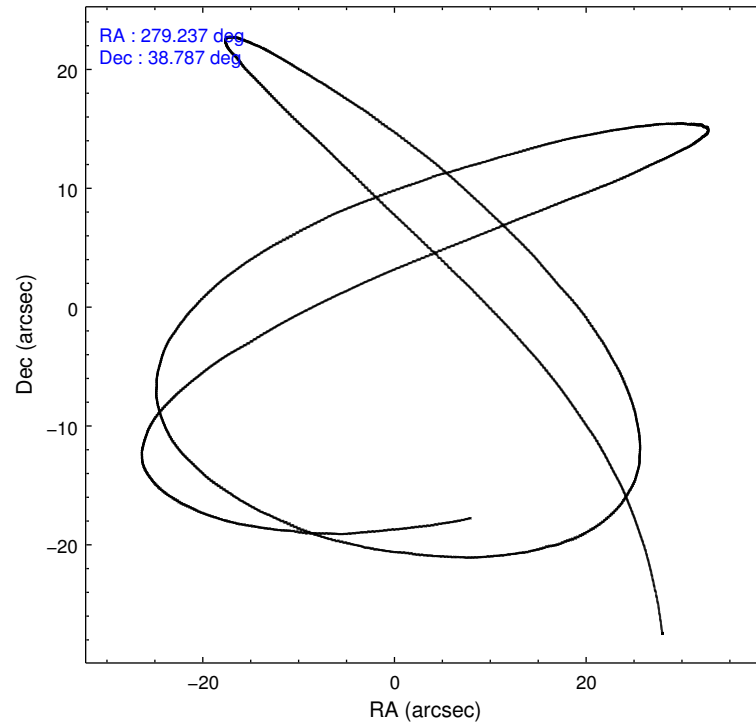
Level 1 Events

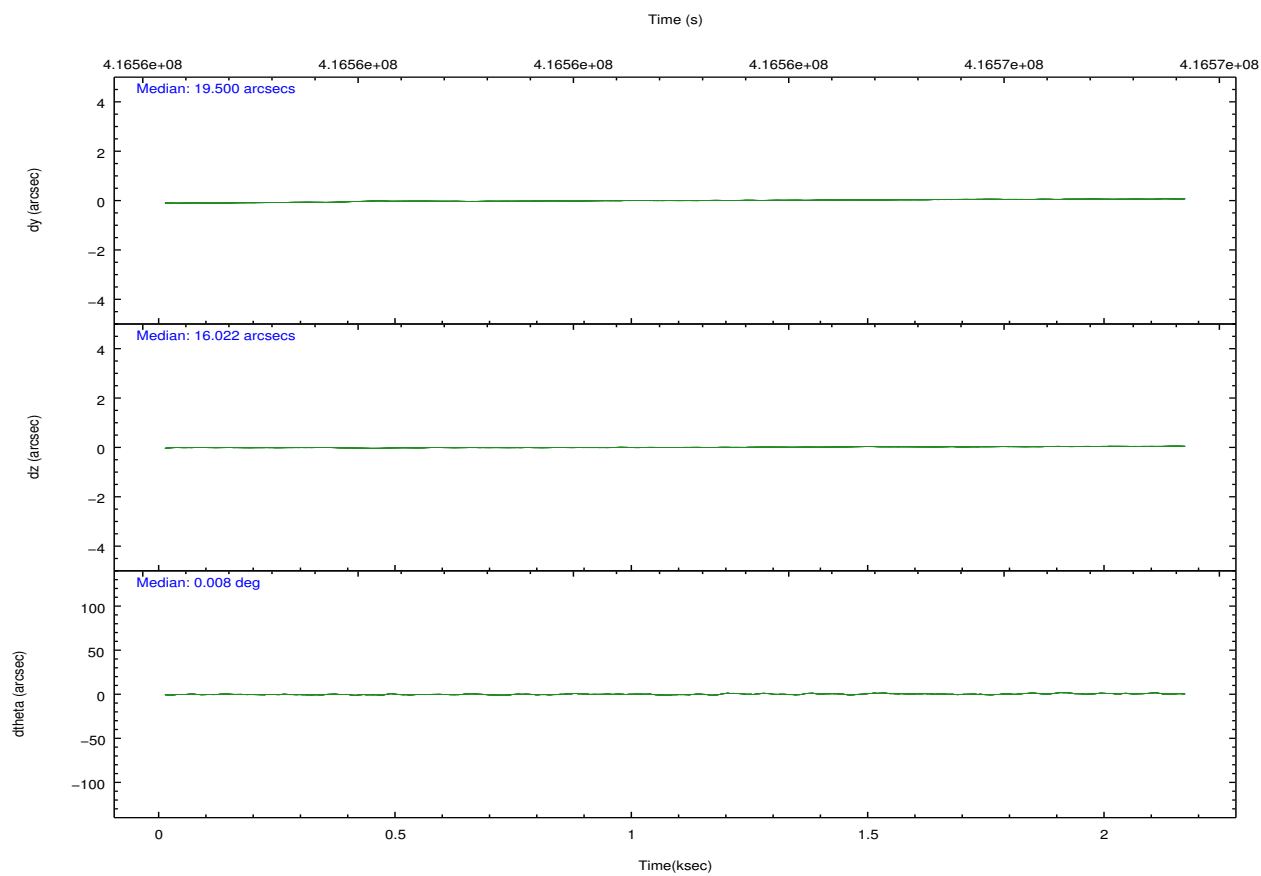
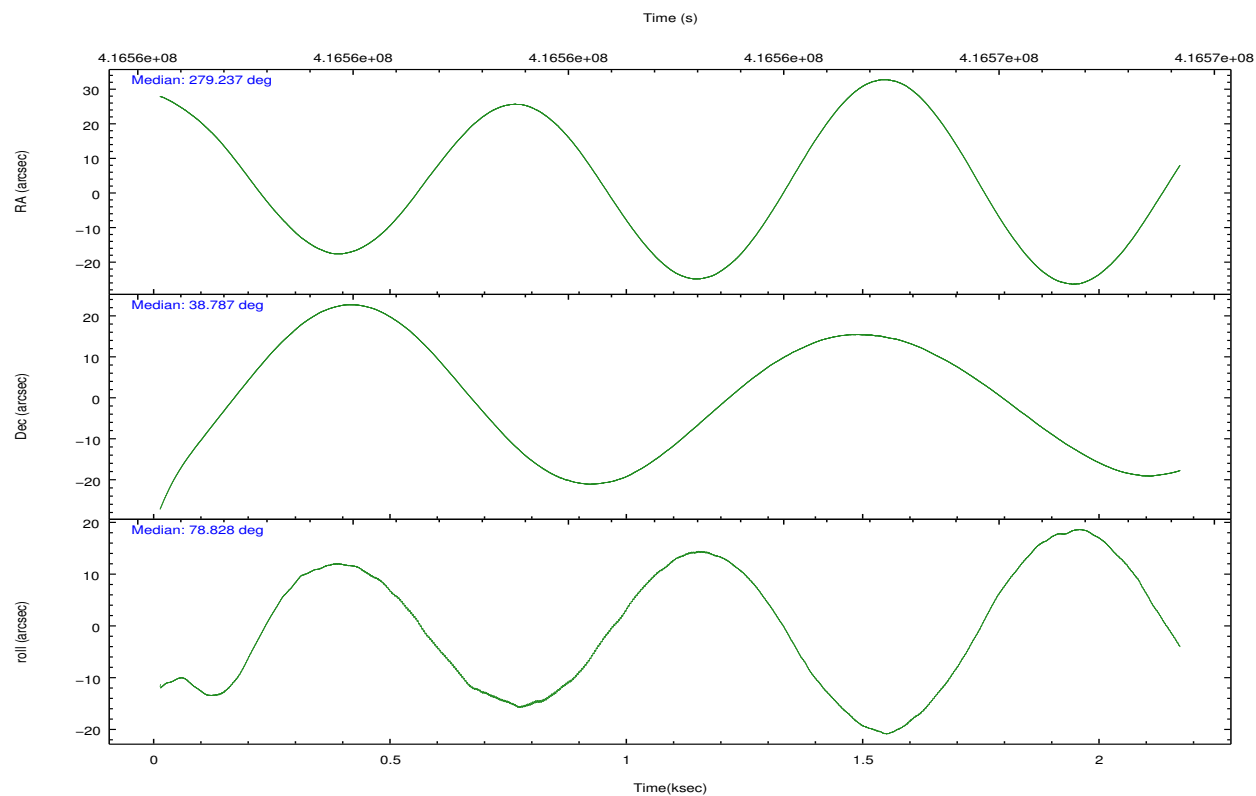
	segment 0
level 1 events	329760
rejected events	120661
rejected %	36%

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	279.249964	279.2375860153911			
[deg] Pointing Dec	38.761791	38.78739034276179			
[deg] Pointing Roll	78.924382	78.83666673831107			
[s] Window start time (MET)	415324866.184000	415324866.184000			
[s] Window stop time (MET)	423187266.184000	423187266.184000			
[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)	416563820.184000	416562446.03785			
Observation start date	2011-03-15T08:09:14	2011-03-15T07:47:26			
[s] Observation end time (MET)	416565820.184000	416565957.17554			
Observation end date	2011-03-15T08:42:34	2011-03-15T08:45:57			

2.3 Aspect



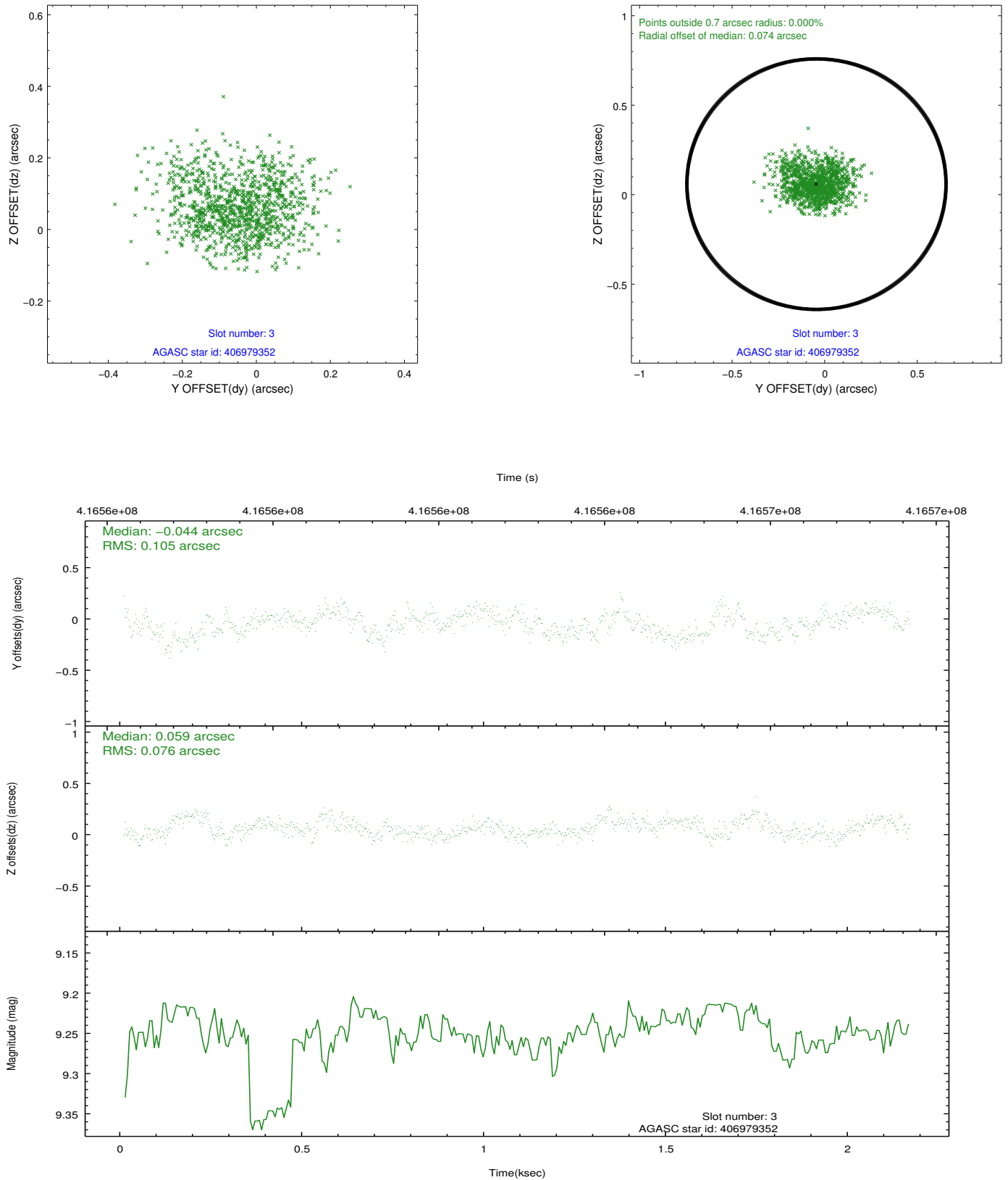


Slot Statistics

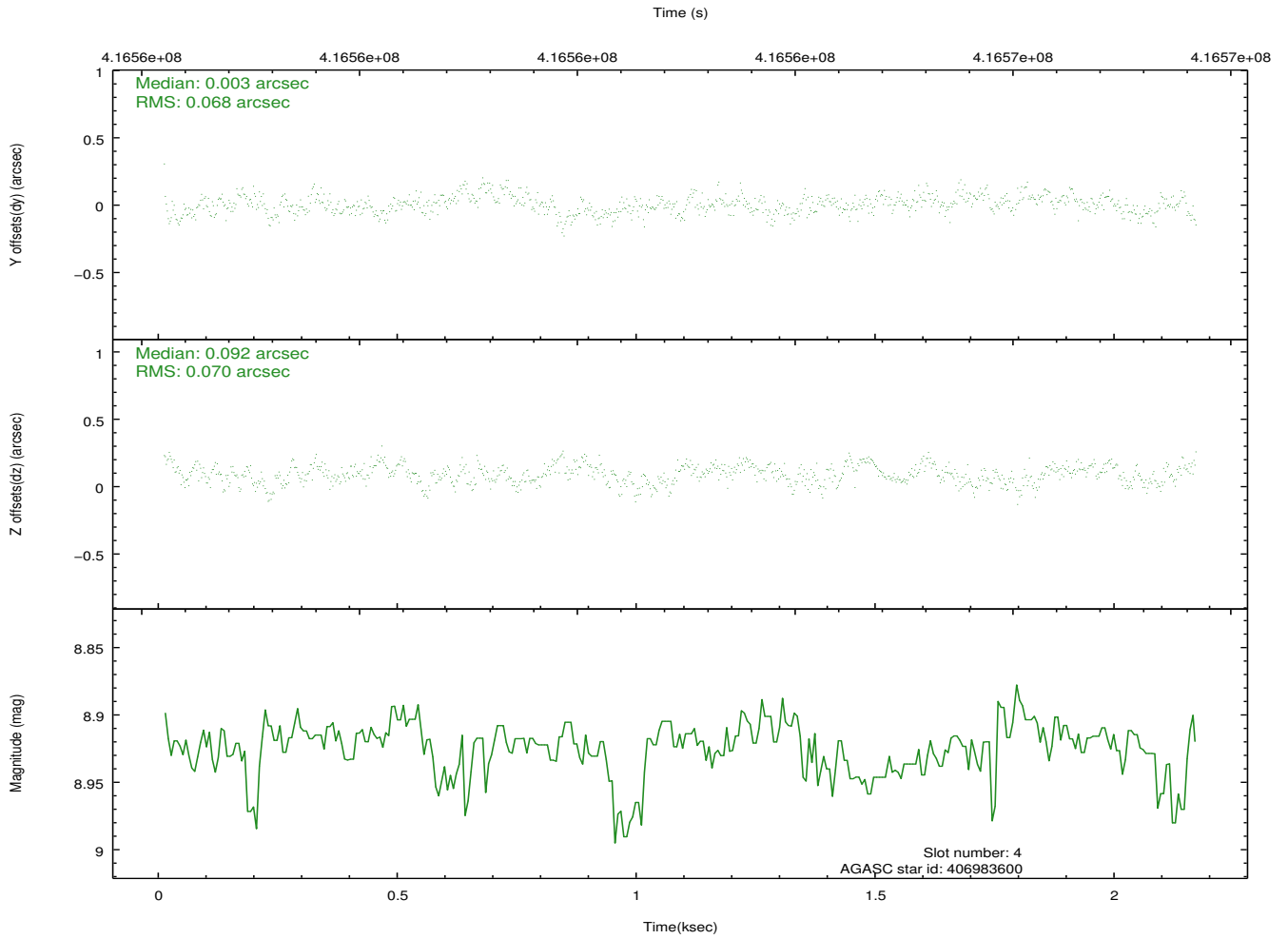
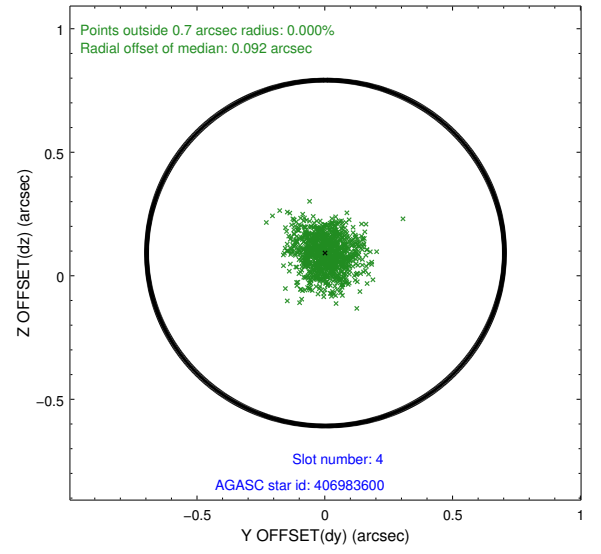
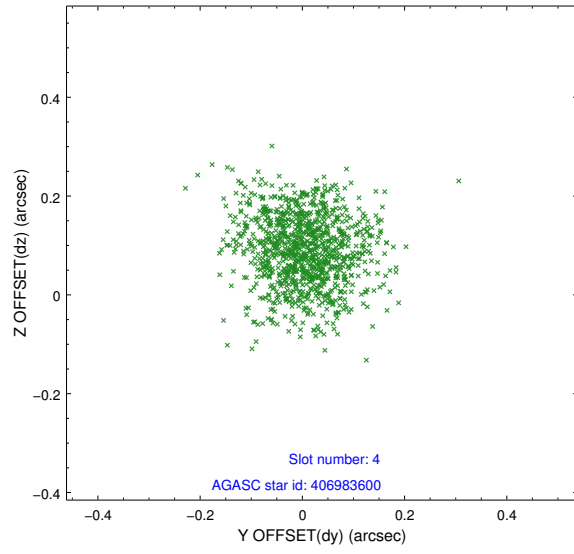
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	527	-0.076	0.009	0.007	0.012	0.000000	0.000000	-775.47	-1304.15
1	FID	HRC-I-2	7.02	527	0.224	-0.118	0.006	0.010	0.000000	0.000000	835.99	-1308.29
2	FID	HRC-I-3	7.06	527	-0.030	0.020	0.006	0.011	0.000000	0.000000	-1202.37	997.94
3	GUIDE	406979352	9.25	1054	-0.044	0.059	0.139	0.221	279.968297	39.230258	2046.39	-1641.41
4	GUIDE	406983600	8.92	1052	0.003	0.092	0.104	0.165	279.940957	39.020708	1294.88	-1719.43
5	GUIDE	406985120	7.41	1054	-0.105	-0.087	0.087	0.148	278.839732	38.894839	252.90	1218.08
6	GUIDE	406987272	6.95	1054	0.128	-0.322	0.074	0.125	278.536588	38.437504	-1523.69	1751.66
7	GUIDE	406992968	7.65	1053	0.017	0.250	0.096	0.148	279.925490	37.993090	-2341.19	-2410.07

2.4 Star Slots

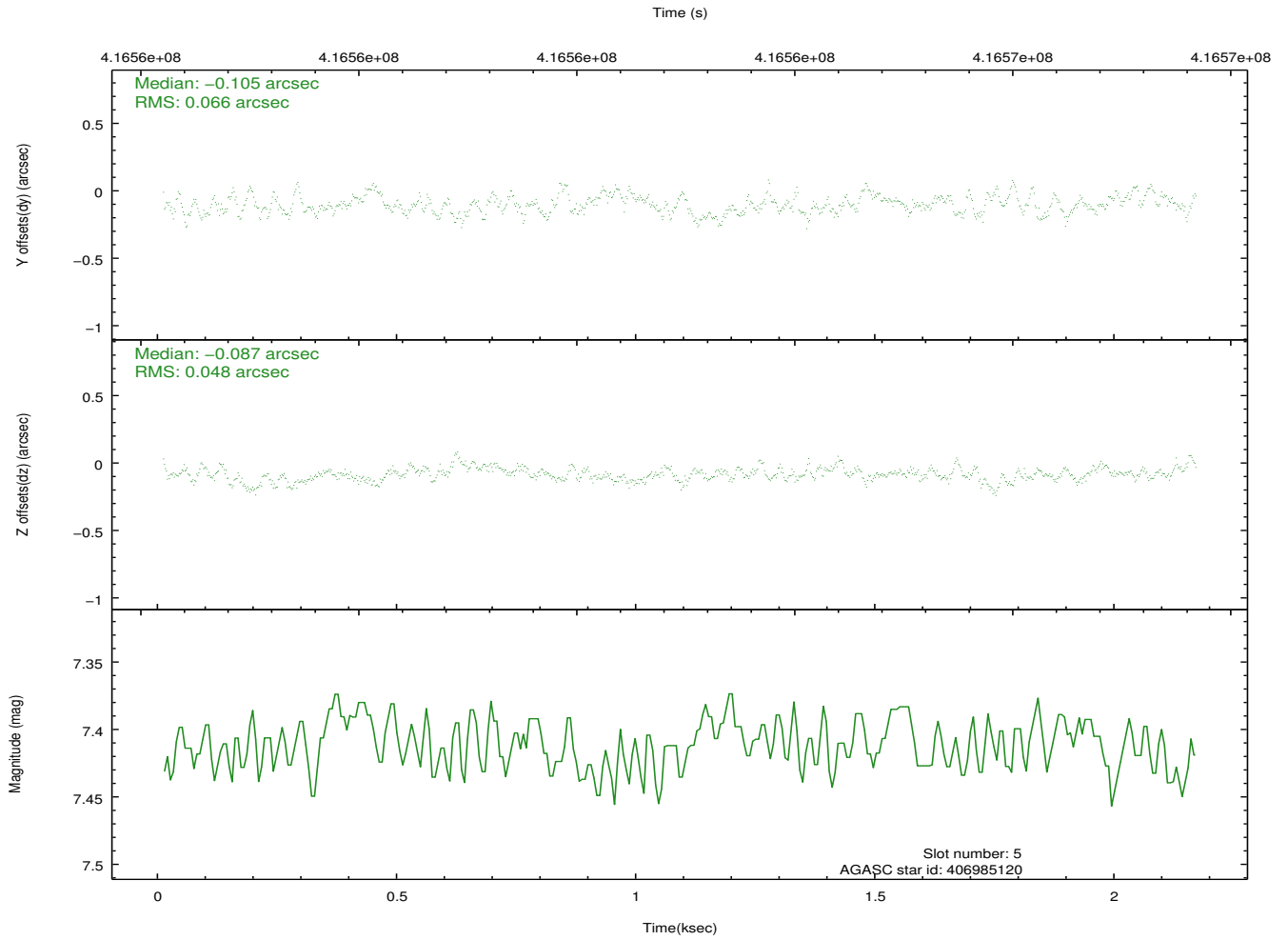
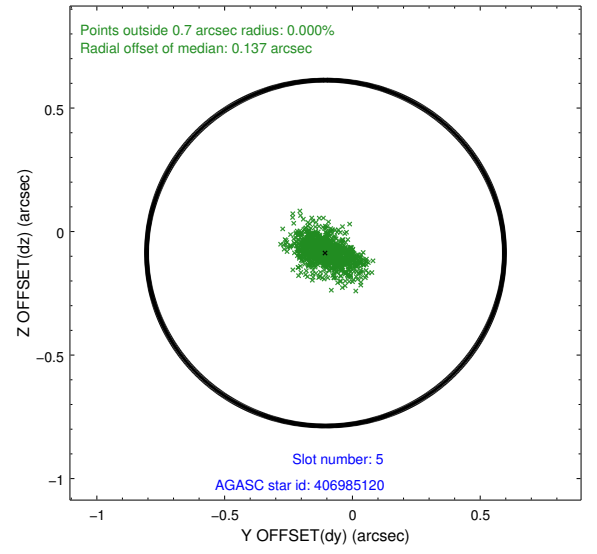
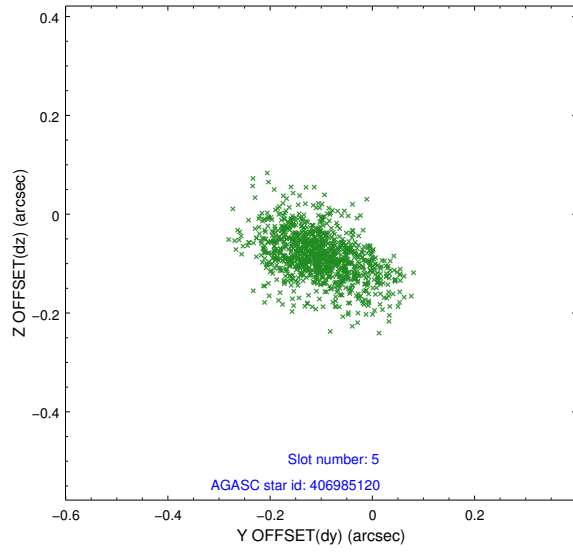
2.4.1 Slot 3



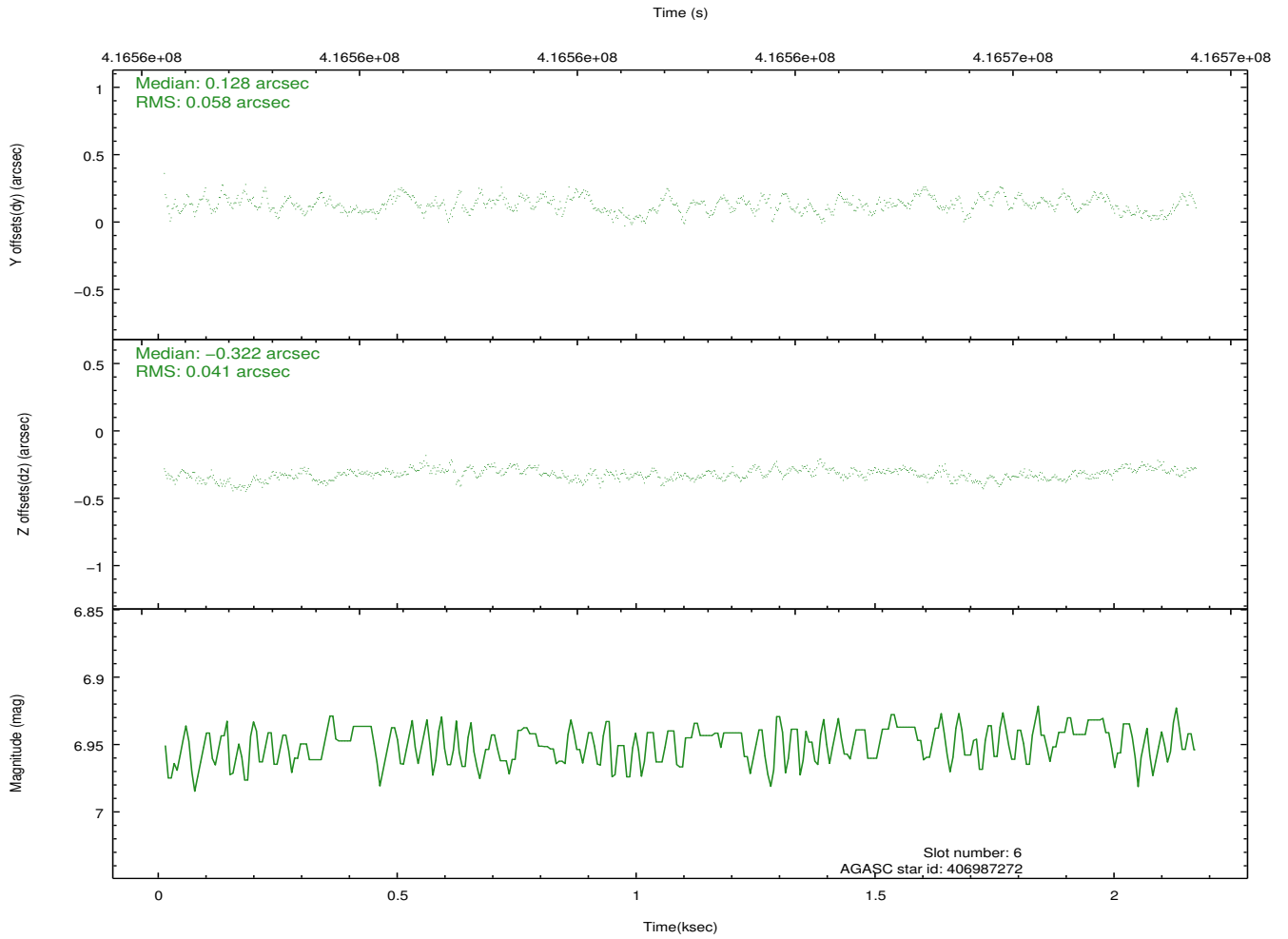
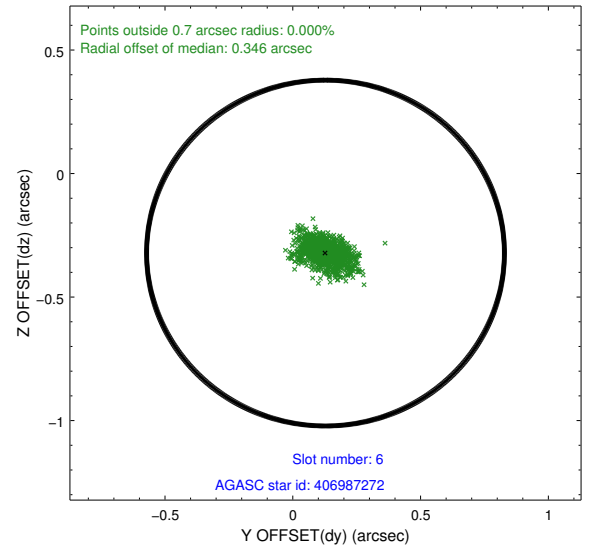
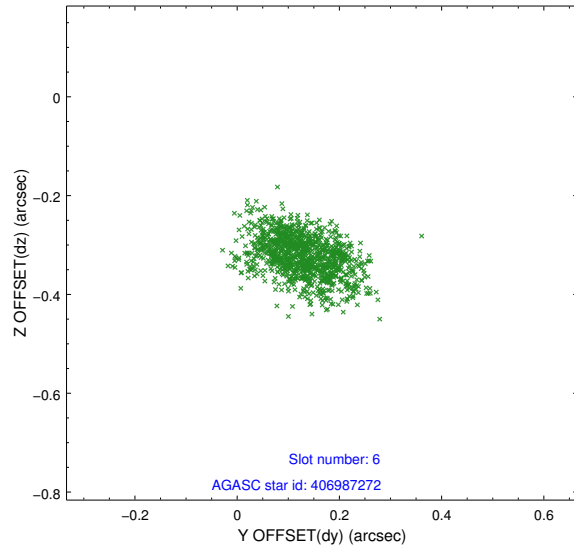
2.4.2 Slot 4



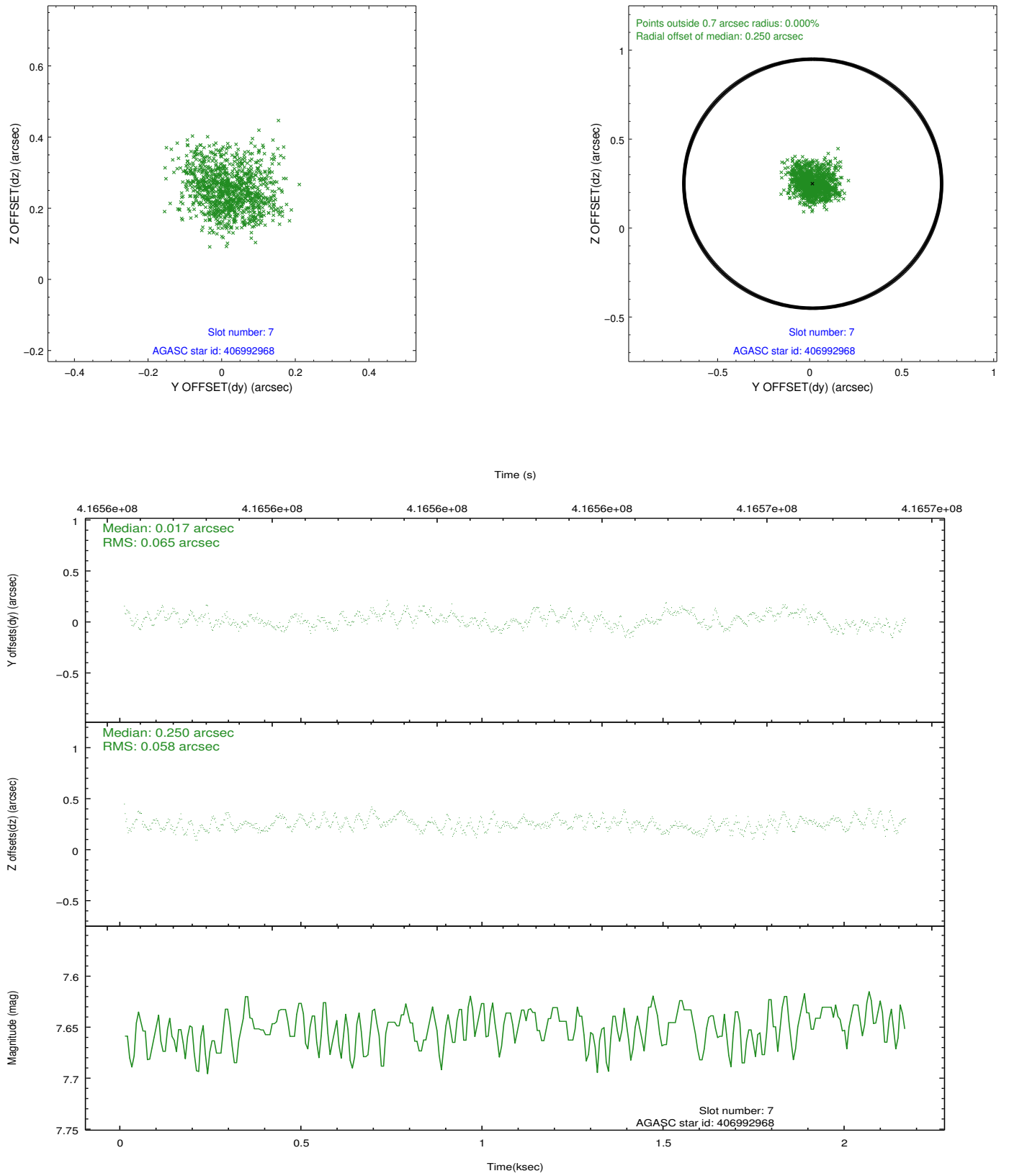
2.4.3 Slot 5



2.4.4 Slot 6

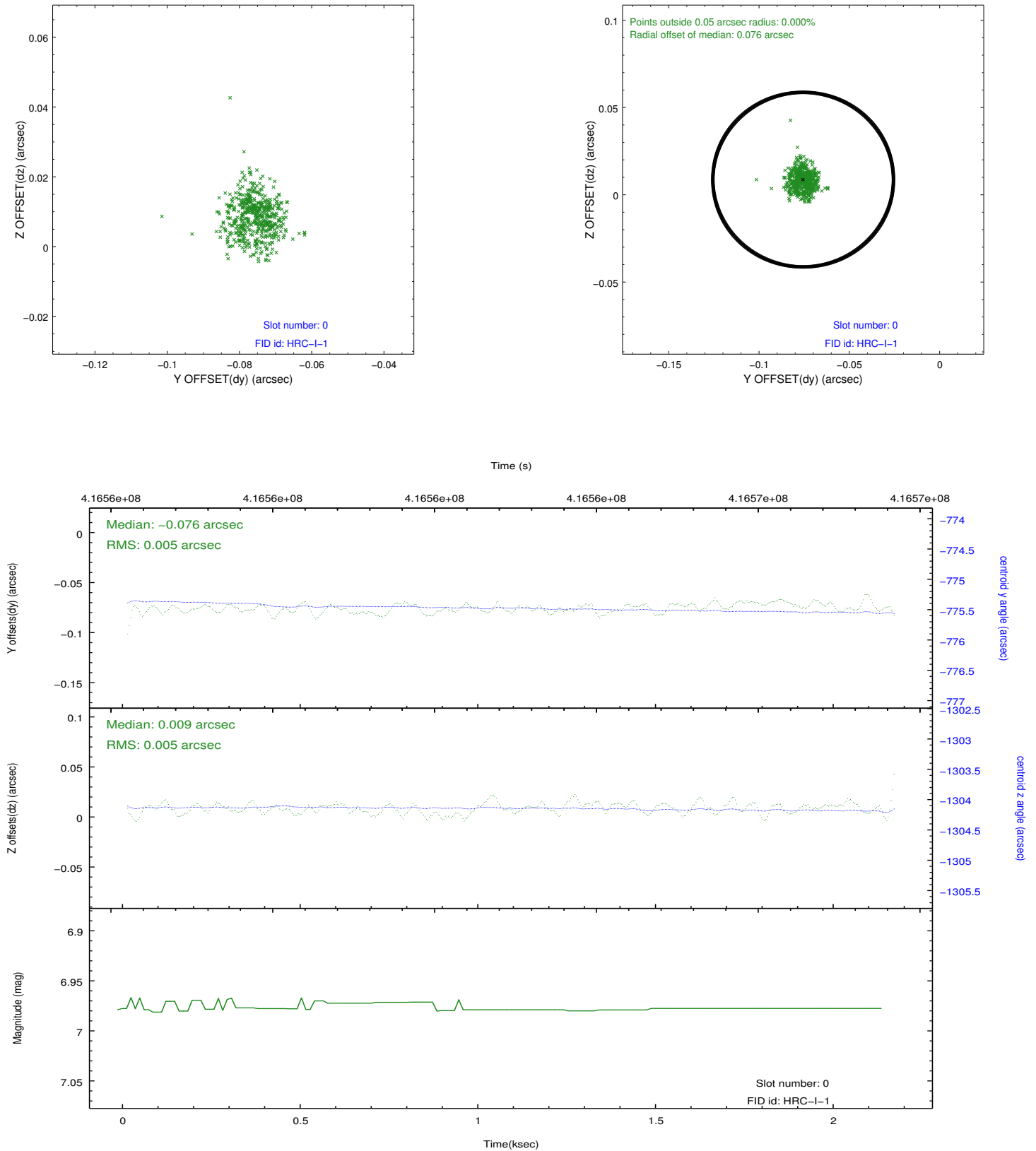


2.4.5 Slot 7

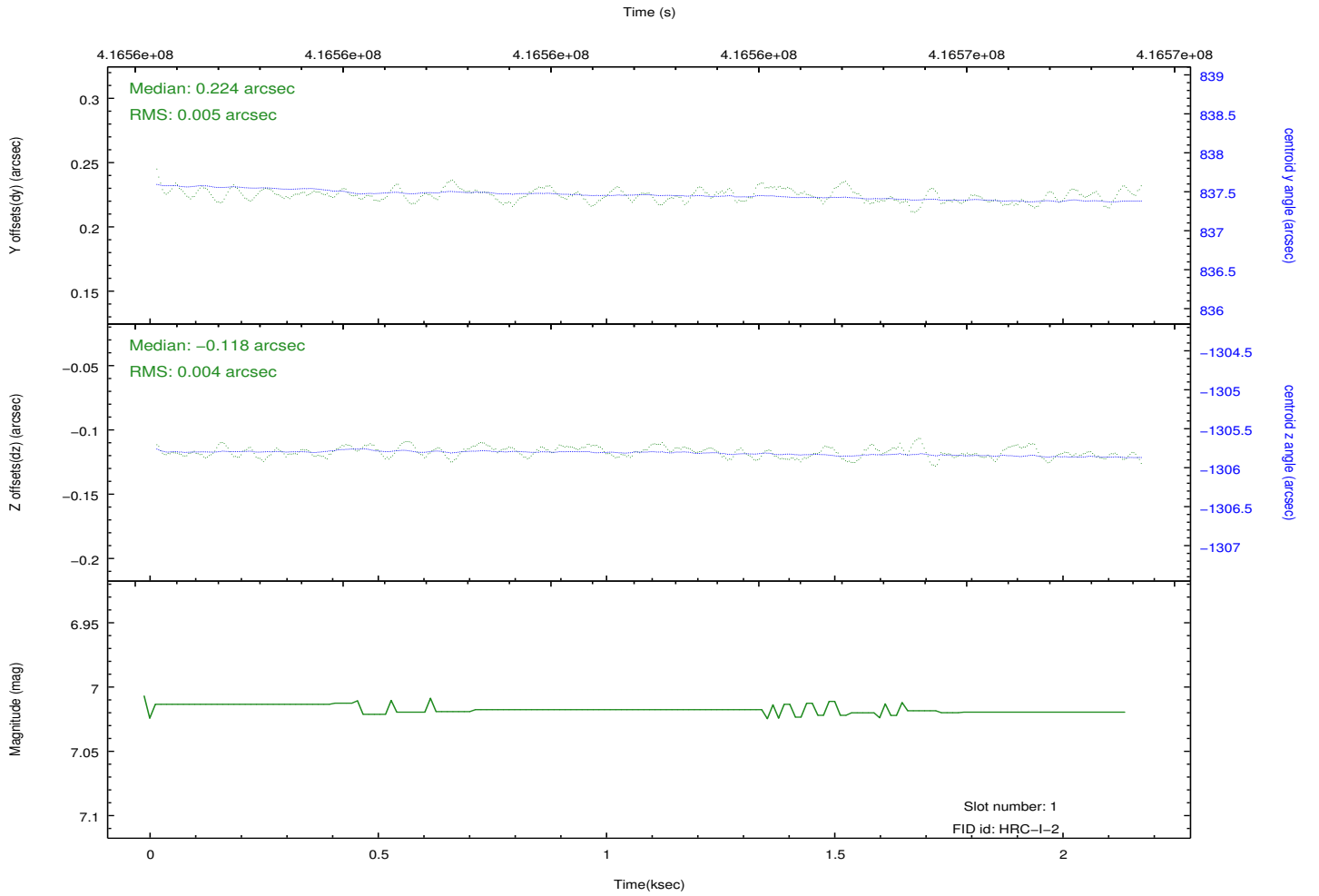
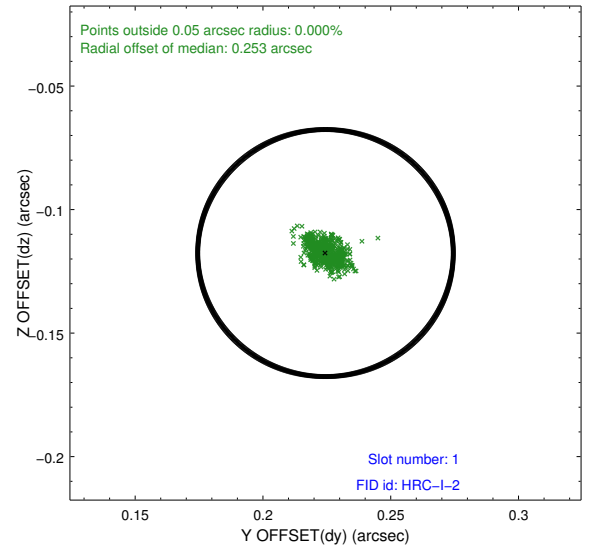
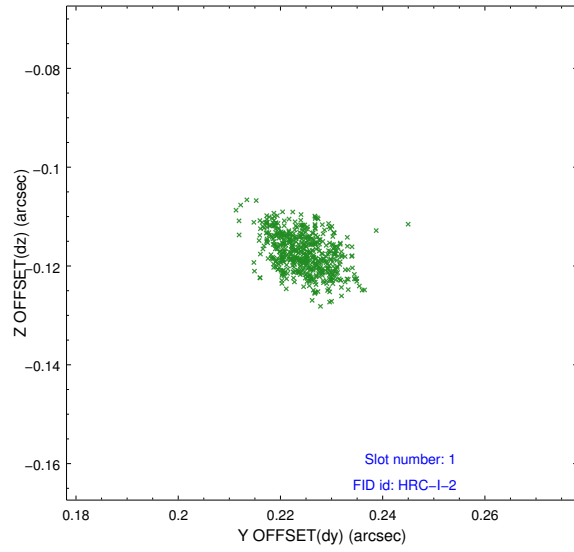


2.5 FID Slots

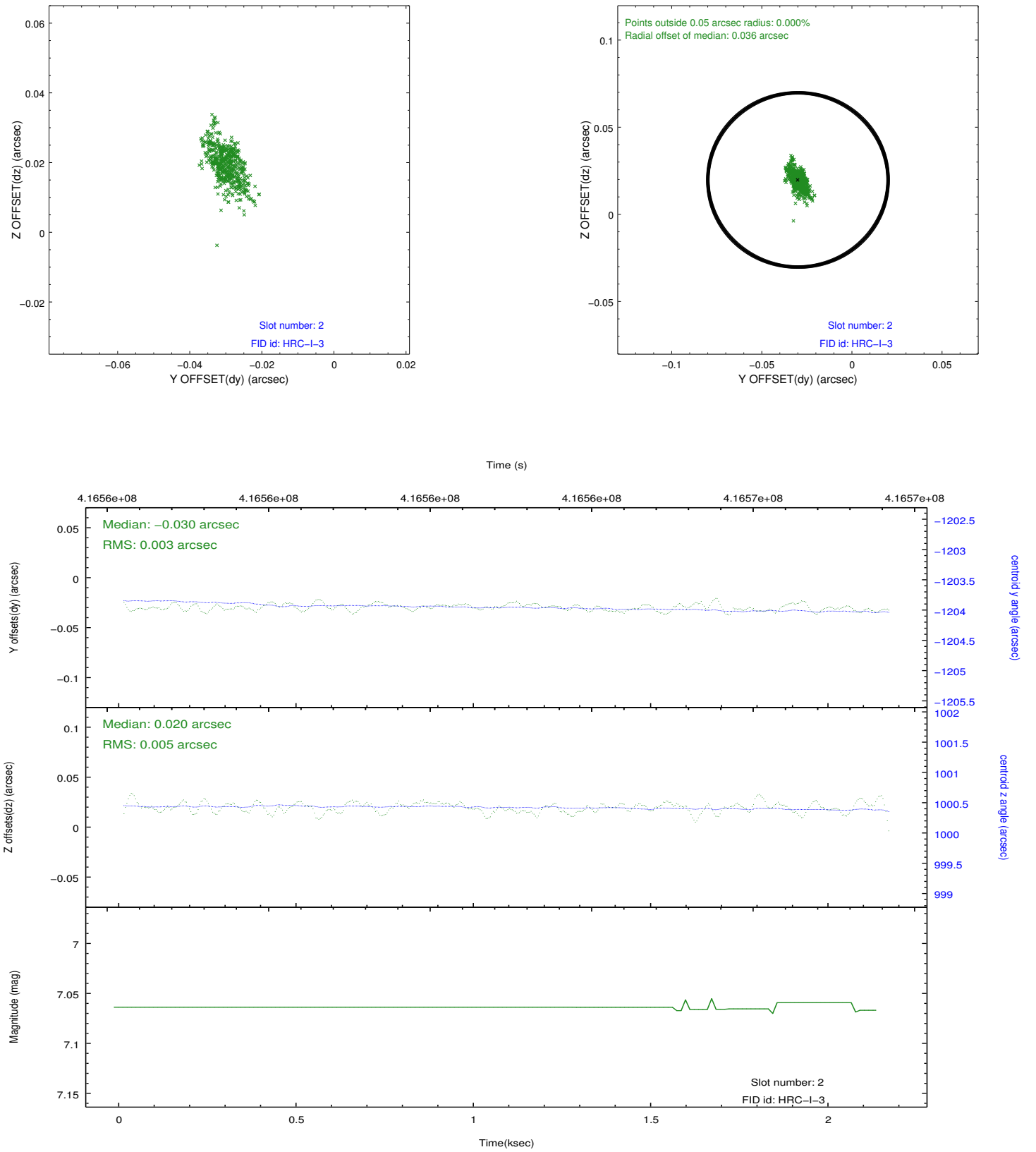
2.5.1 Slot 0



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)	2012.07.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1555751116872

A.2 Comments

Window preference met.