

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10638 - L2 Version 3
Chandra X-Ray Center

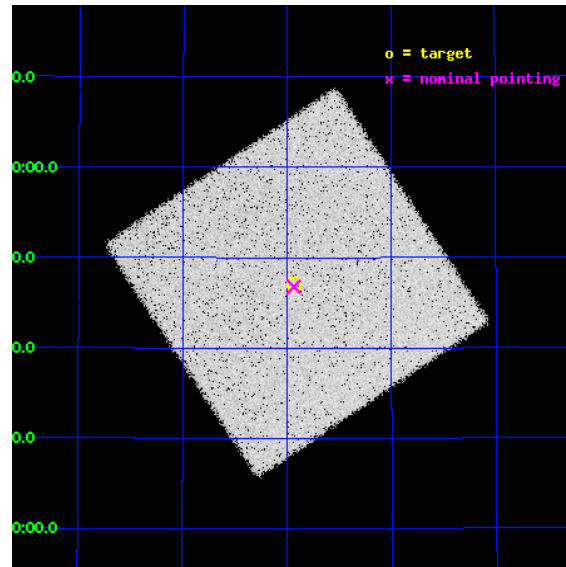
L2 Processing Date : Aug 13 2012

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1 Front

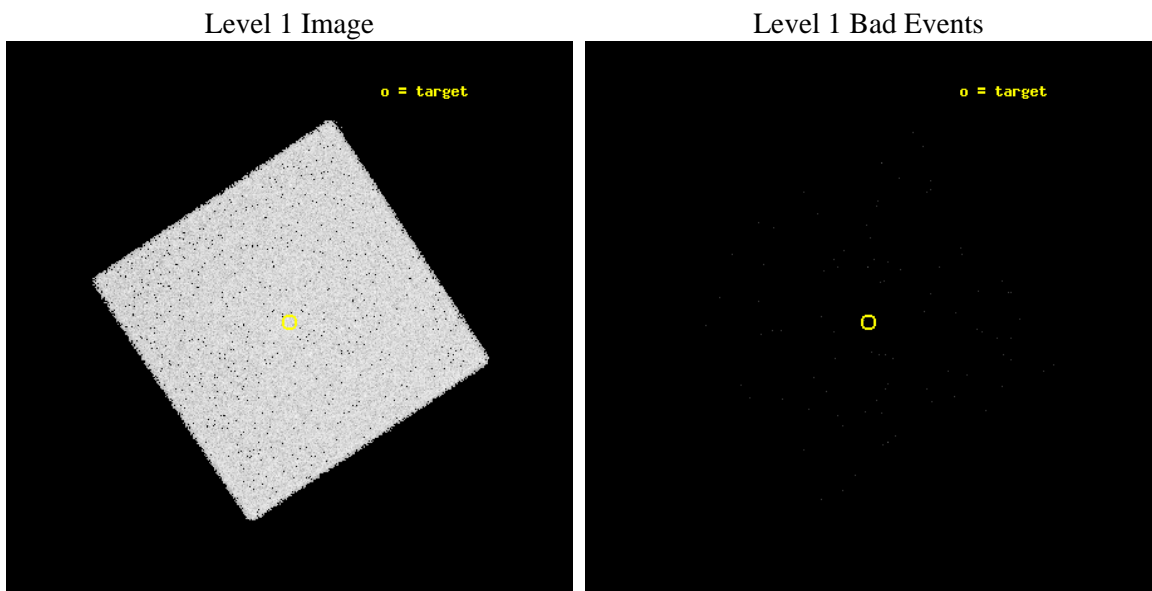
seq_num	290874	Sequence number
obs_id	10638	Observation id
title	AO-10 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.23385188348	Nominal RA [deg]
dec_nom	38.779543906225	Nominal Dec [deg]
roll_nom	281.39577147267	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2151.218858242	[s]
liveltime	2125.2153659502	Ontime multiplied by DTCOR
l2events	162564	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	2151.218858242	[s]
caldbver	4.5.1.1	 	l1events	337648	Number of level 1 events
date	2012-08-13T17:43:45	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

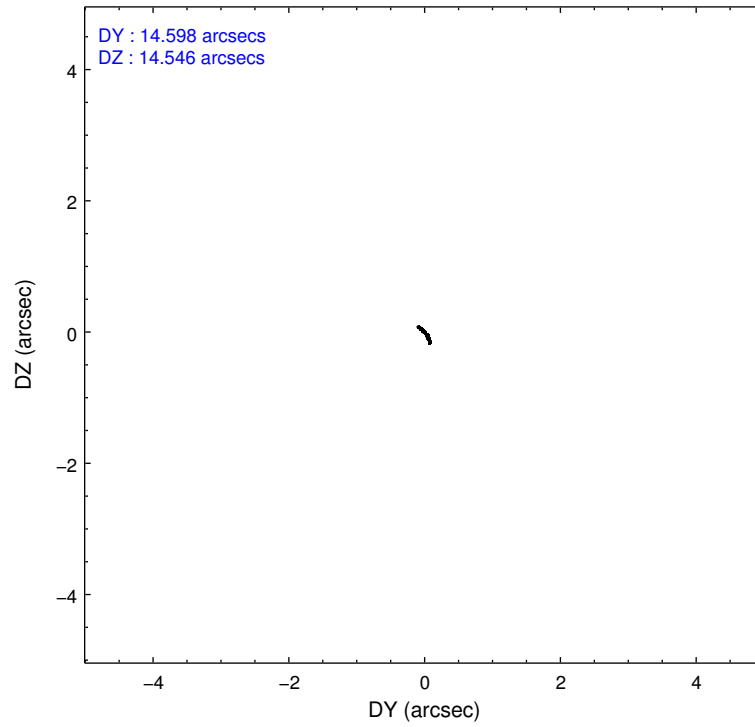
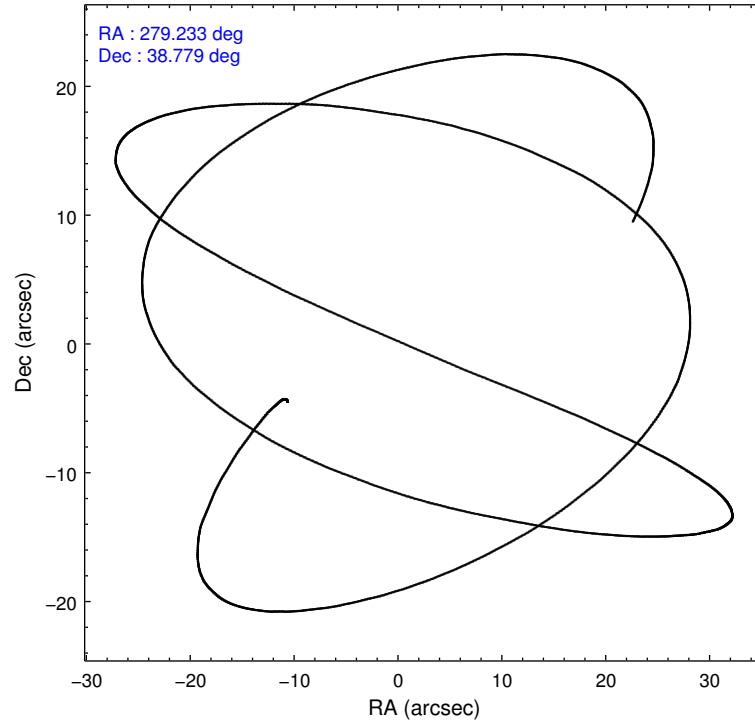
Level 1 Events

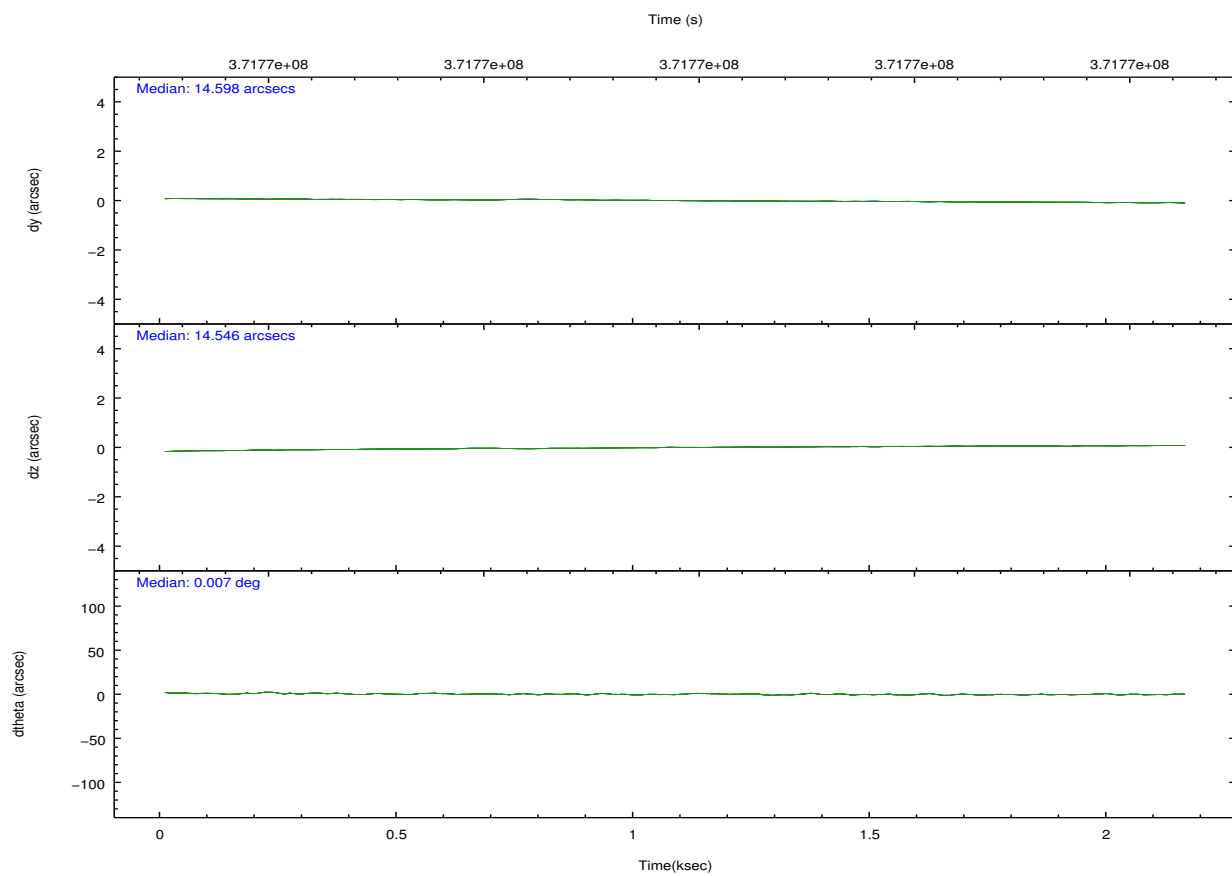
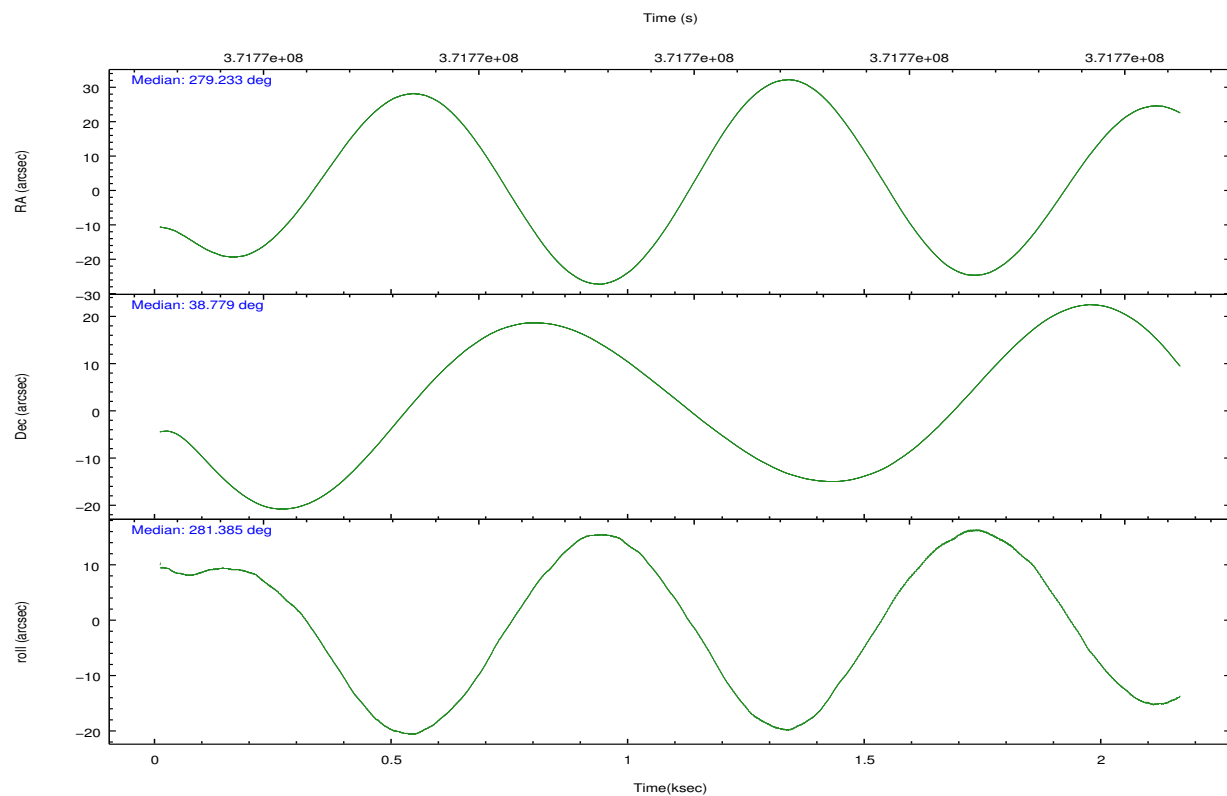
	segment 0
level 1 events	337648
rejected events	102144
rejected %	30%

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	279.210360	279.2338518834844			
[deg] Pointing Dec	38.799603	38.77954390622541			
[deg] Pointing Roll	281.505960	281.3957714726686			
[s] Window start time (MET)	368150466.184000	368150466.184000			
[s] Window stop time (MET)	375926466.184000	375926466.184000			
[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)	371770023.184000	371768970.00009			
Observation start date	2009-10-12T21:25:57	2009-10-12T21:09:30			
[s] Observation end time (MET)	371772023.184000	371772160.31275			
Observation end date	2009-10-12T21:59:17	2009-10-12T22:02:40			

2.3 Aspect



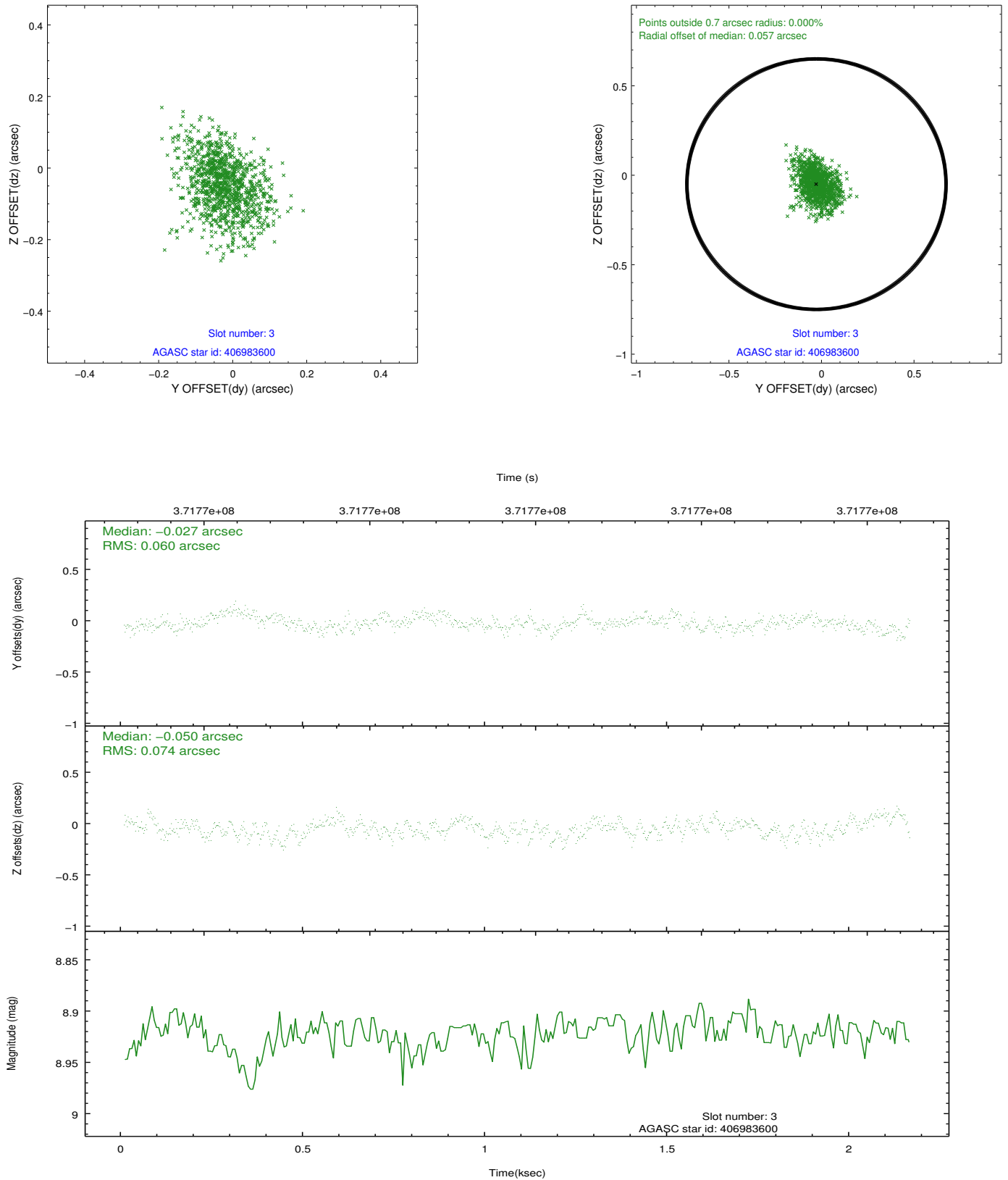


Slot Statistics

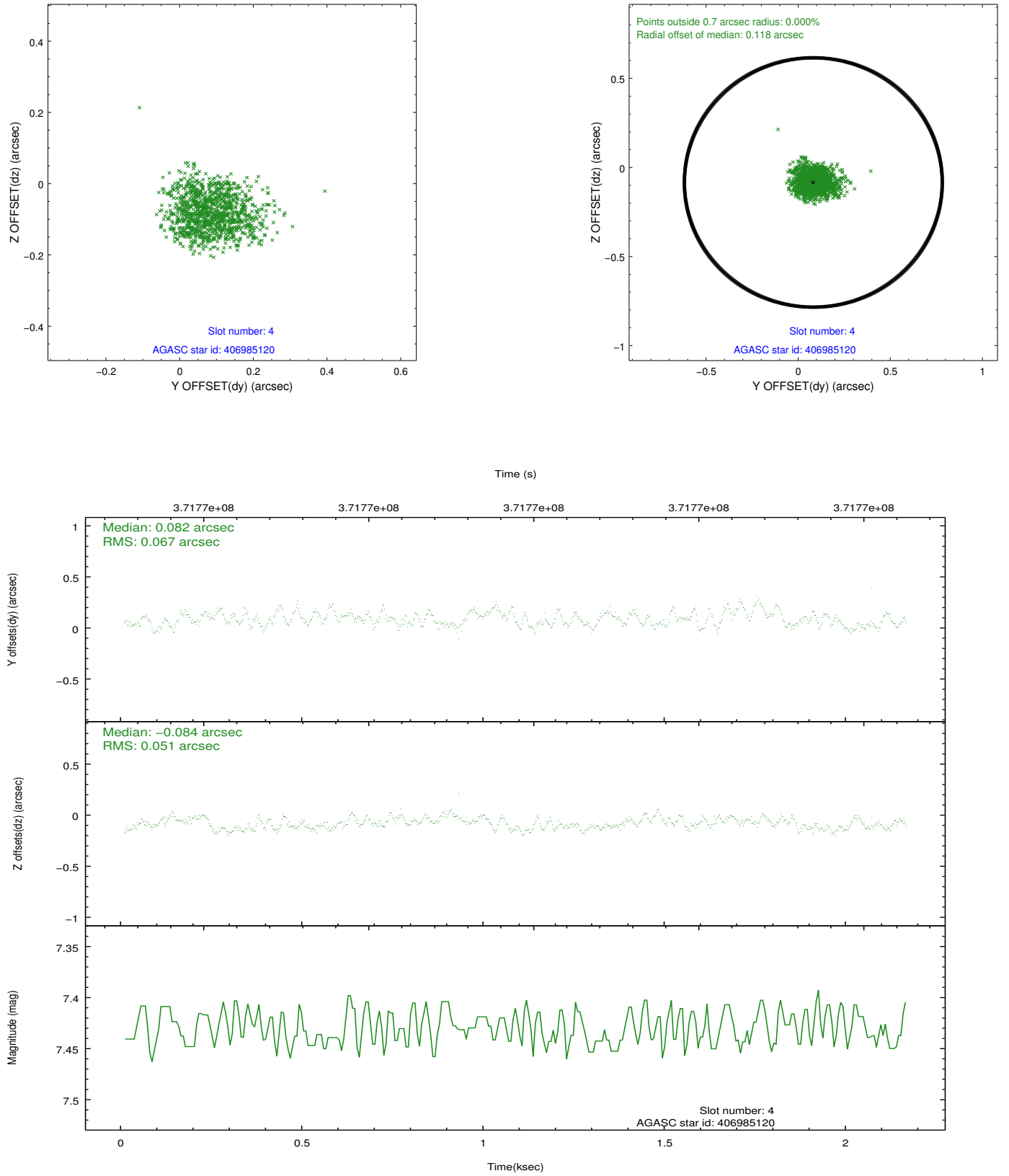
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	526	-0.098	0.016	0.006	0.010	0.000000	0.000000	-770.45	-1302.61
1	FID	HRC-I-2	7.01	526	0.236	-0.107	0.005	0.010	0.000000	0.000000	841.06	-1306.73
2	FID	HRC-I-3	7.06	526	-0.019	0.002	0.005	0.010	0.000000	0.000000	-1197.32	999.45
3	GUIDE	406983600	8.92	1051	-0.027	-0.050	0.100	0.171	279.940957	39.020708	-379.68	2164.24
4	GUIDE	406985120	7.43	1053	0.082	-0.084	0.089	0.141	278.839732	38.894839	-545.07	-946.03
5	GUIDE	406987272	6.94	1053	-0.108	0.171	0.068	0.103	278.536588	38.437504	890.99	-2120.22
6	GUIDE	407521232	8.63	1053	0.029	0.103	0.081	0.134	279.628883	39.431715	-1999.66	1593.44
7	GUIDE	406979352	9.25	1052	0.014	-0.149	0.127	0.189	279.968297	39.230258	-1106.90	2384.13

2.4 Star Slots

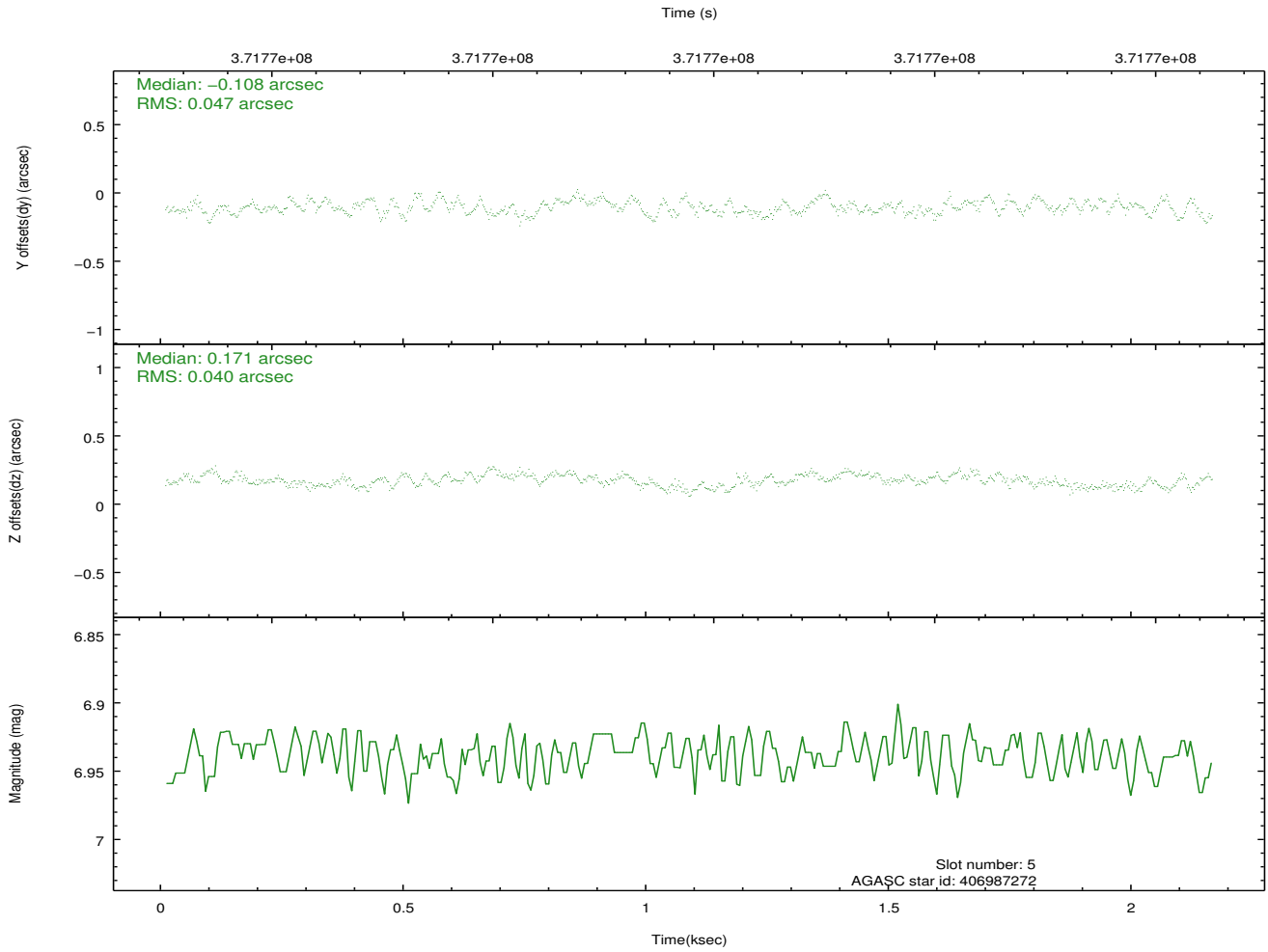
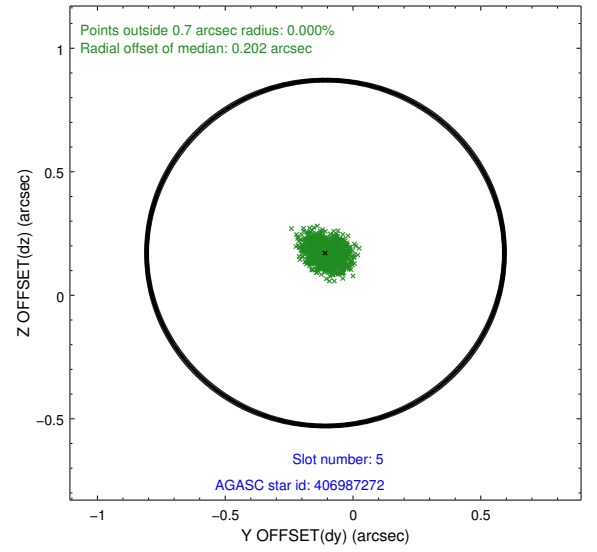
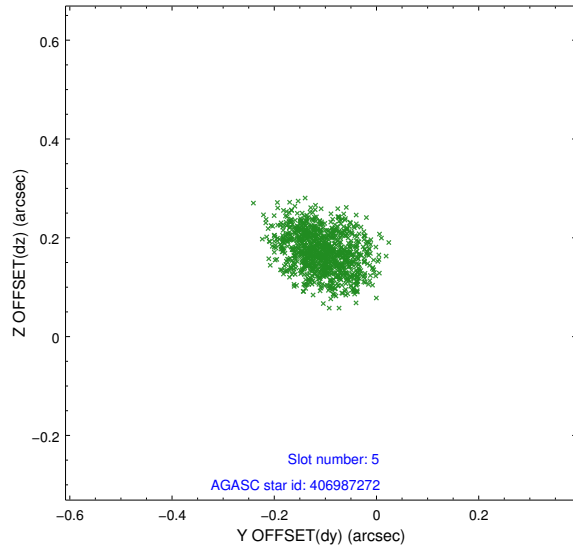
2.4.1 Slot 3



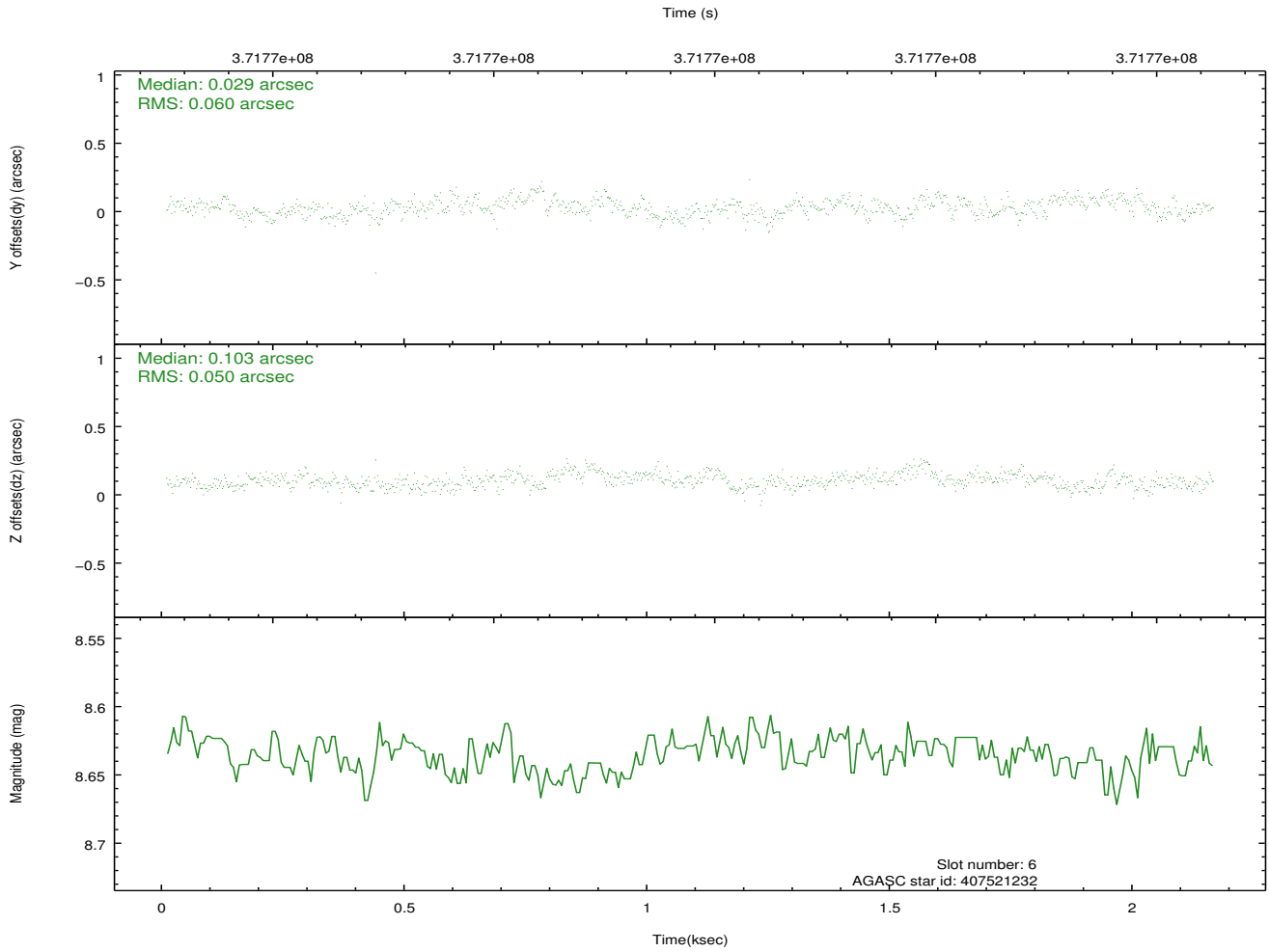
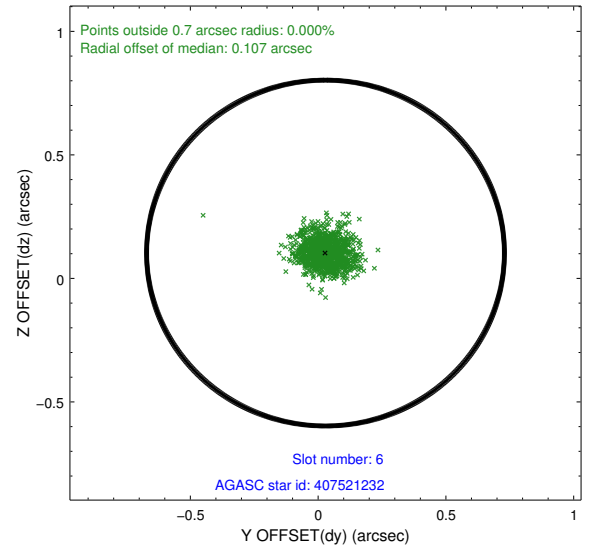
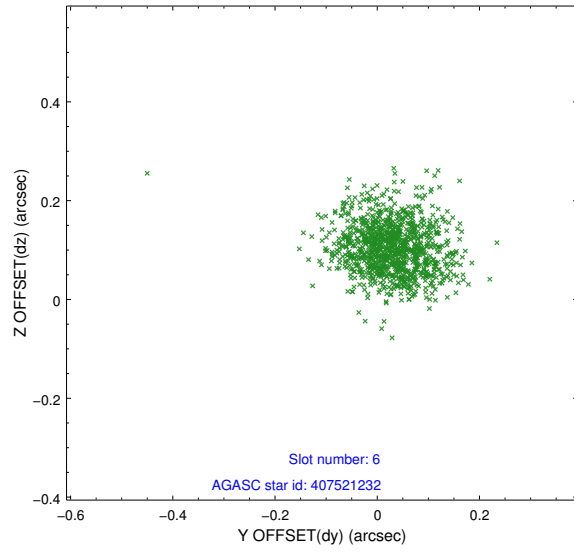
2.4.2 Slot 4



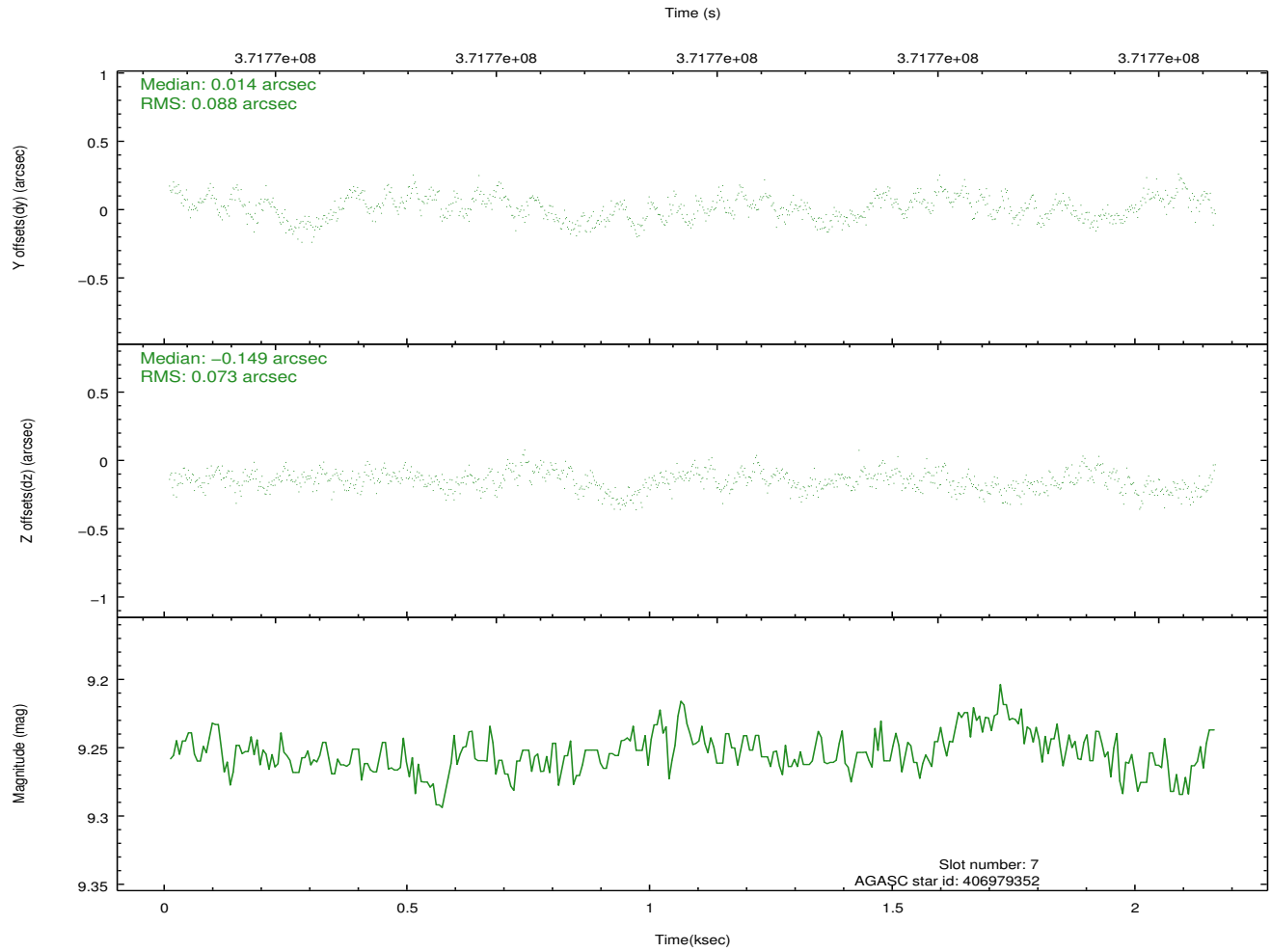
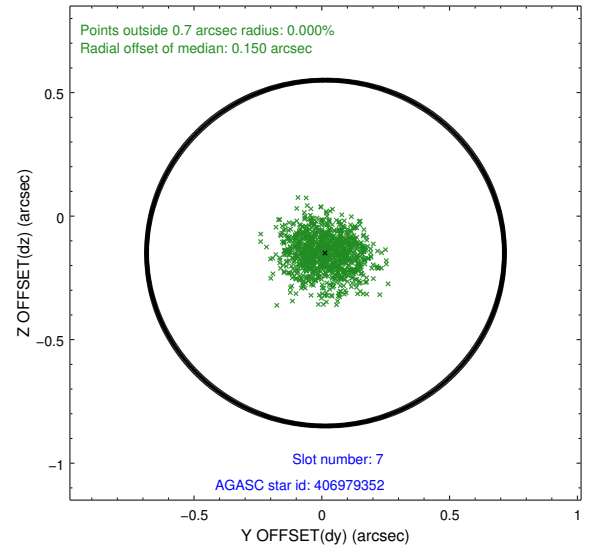
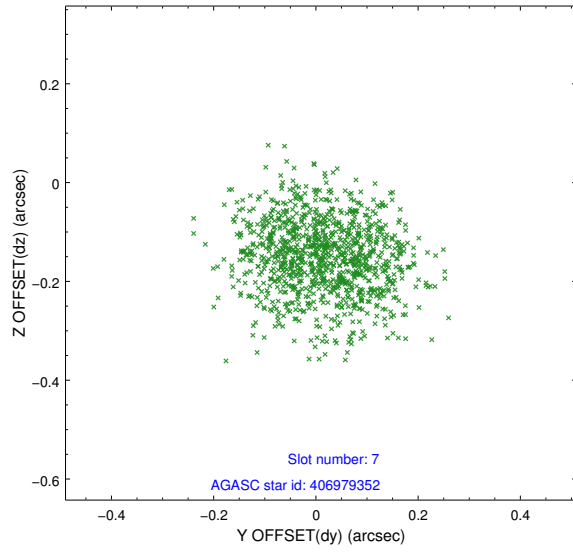
2.4.3 Slot 5



2.4.4 Slot 6

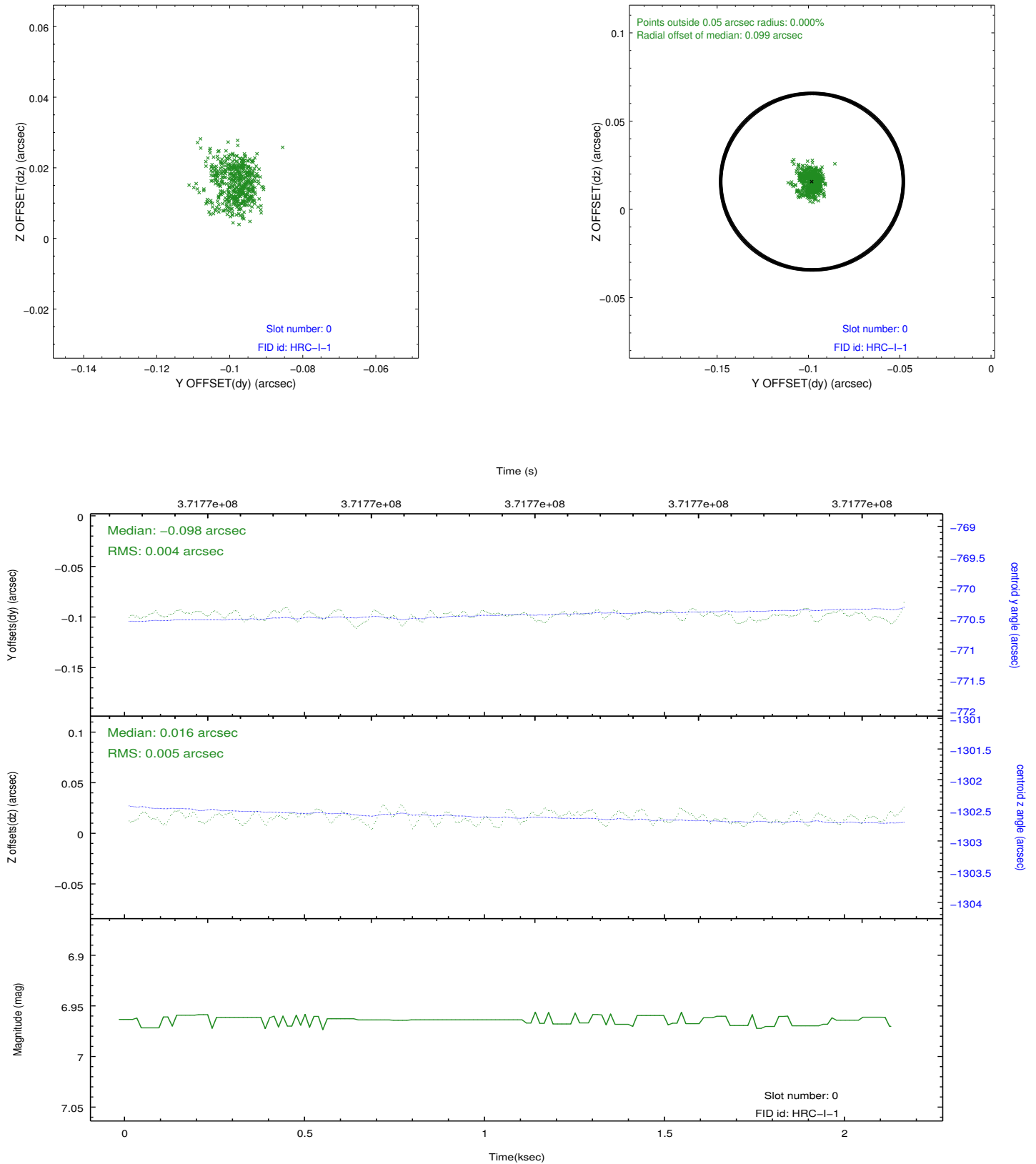


2.4.5 Slot 7

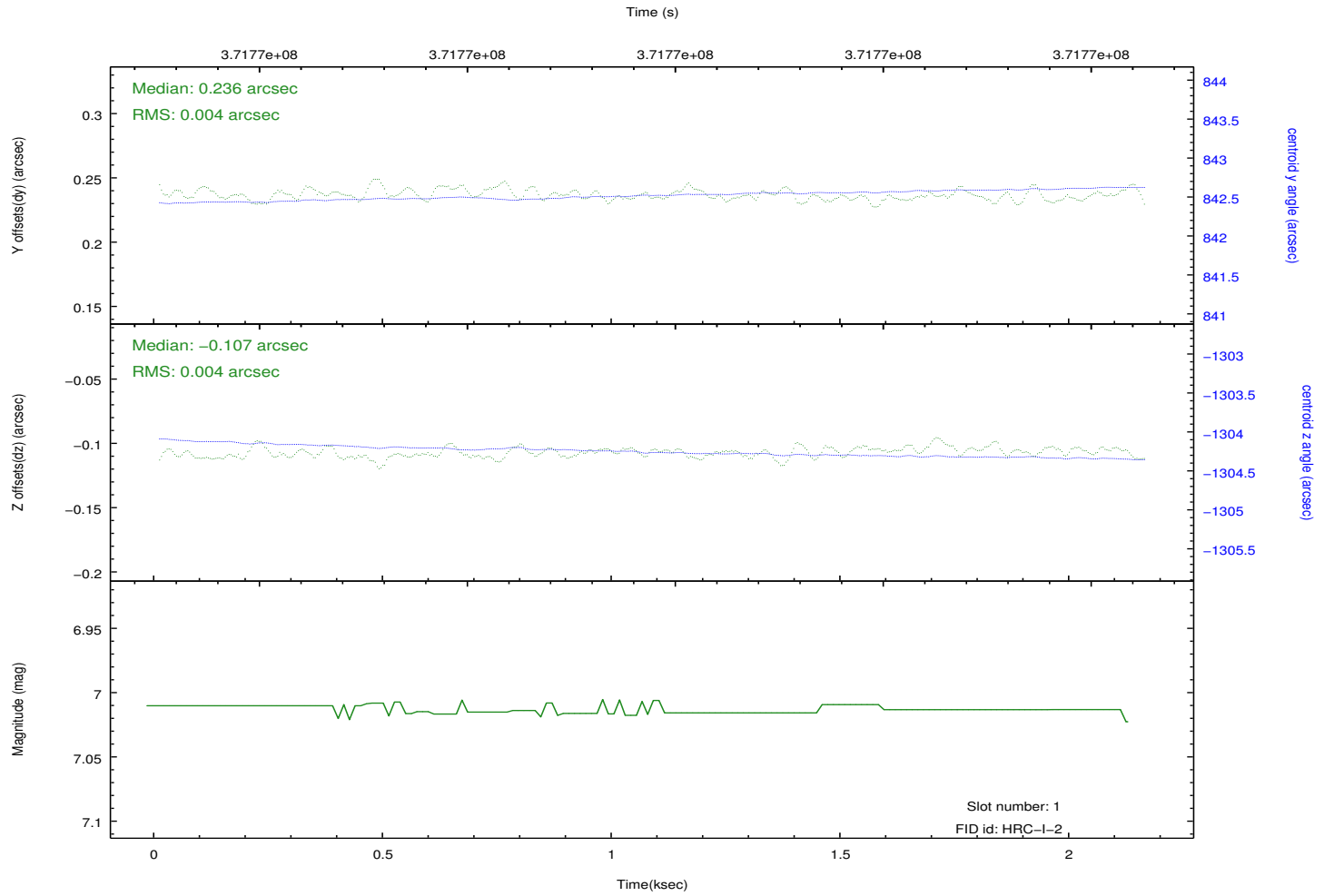
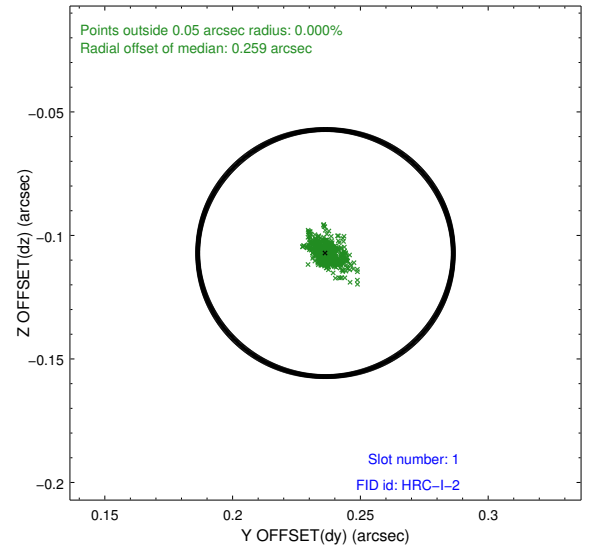
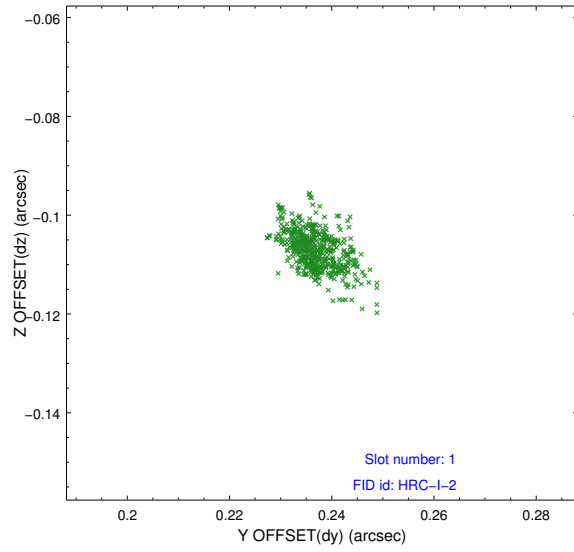


2.5 FID Slots

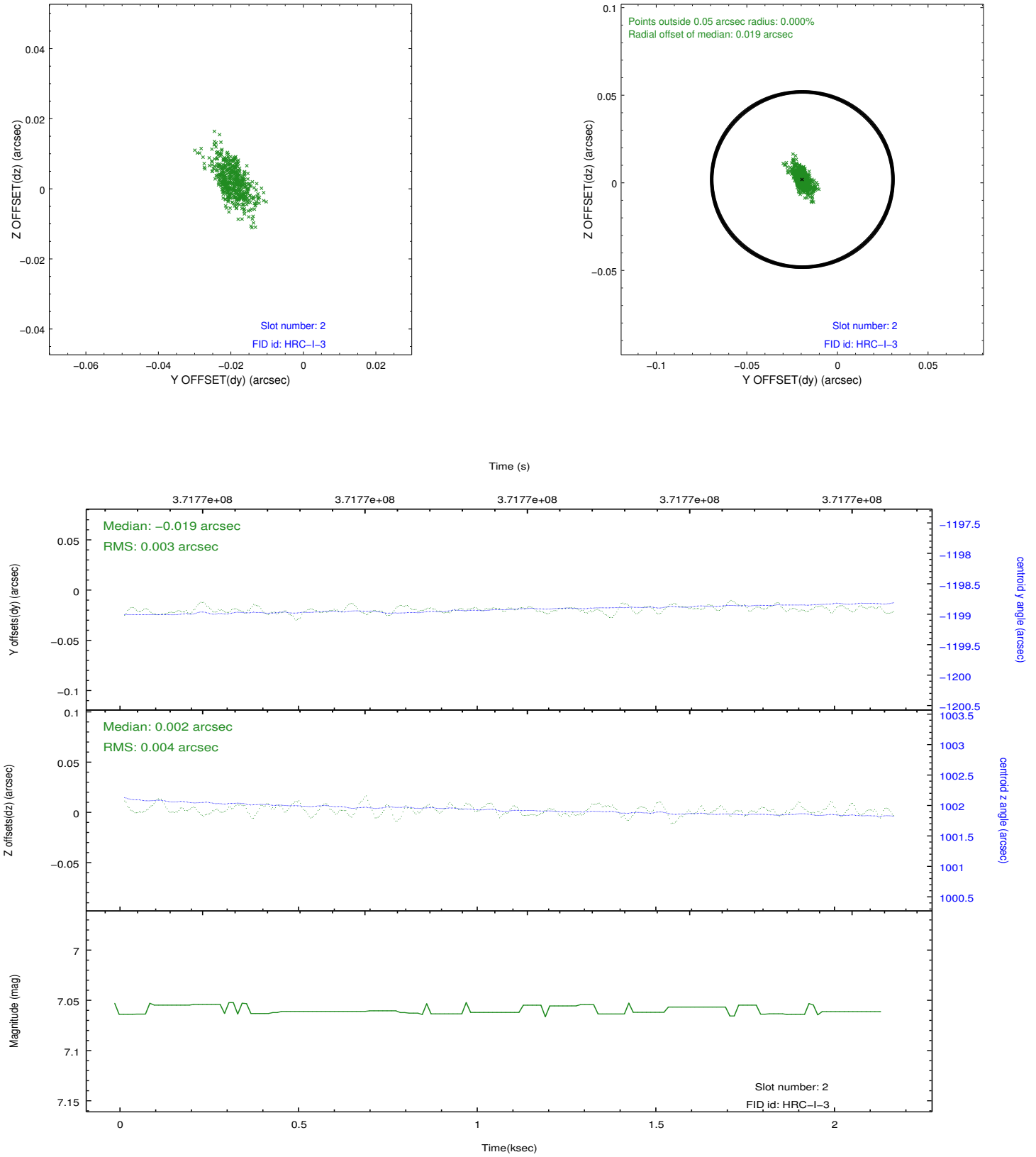
2.5.1 Slot 0



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)	2012.08.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1514751082659

A.2 Comments

Window constraint met.