

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 6460 - L2 Version 4
Chandra X-Ray Center

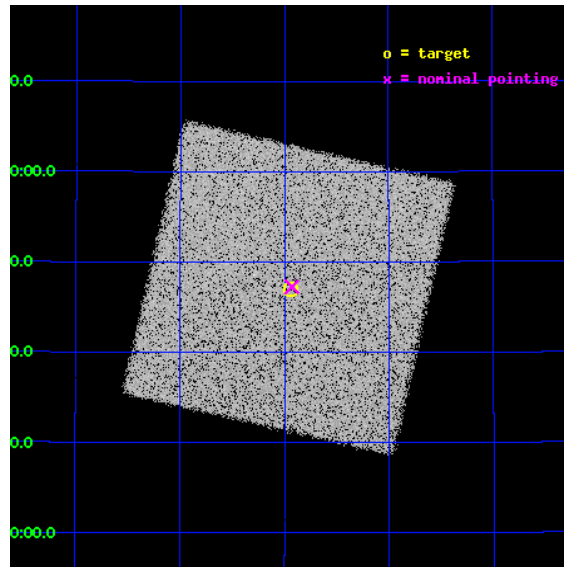
L2 Processing Date : Aug 11 2012

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1 Front

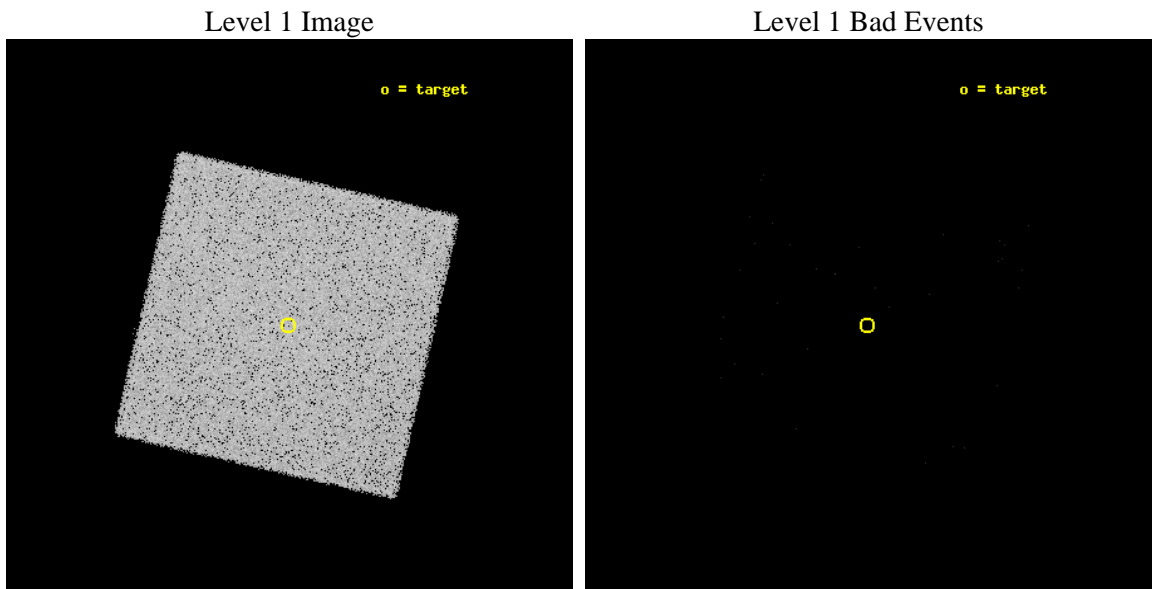
seq_num	290553	Sequence number
obs_id	6460	Observation id
title	AO7 Measurements of the optical/UV Transmission of the HRC and ACIS Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.23210493821	Nominal RA [deg]
dec_nom	38.787495479432	Nominal Dec [deg]
roll_nom	147.90287453858	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2159.675100863	[s]
livetime	2140.945784464	Ontime multiplied by DTCOR
l2events	102289	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	2159.675100863	[s]
caldbver	4.5.1.1	 	l1events	218670	Number of level 1 events
date	2012-08-11T07:28:50	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

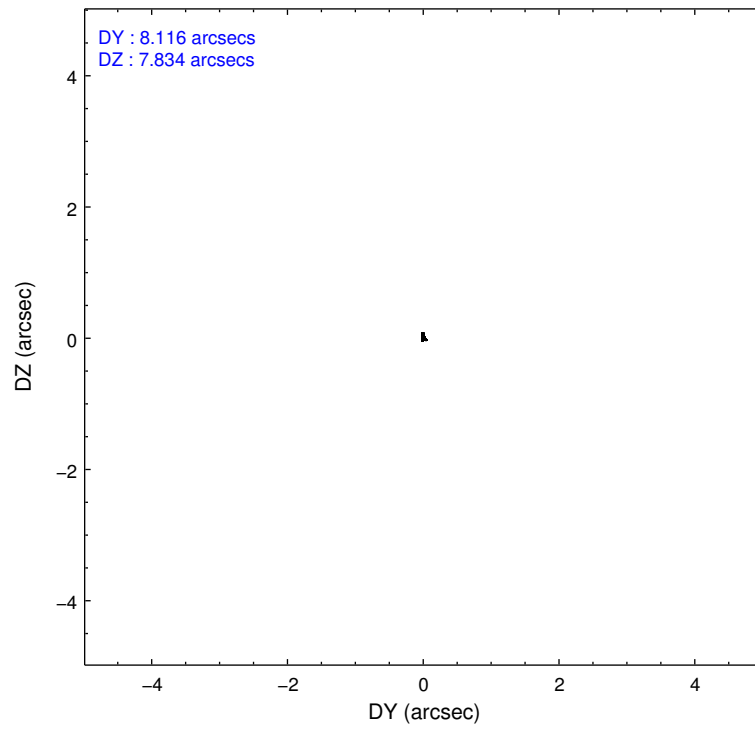
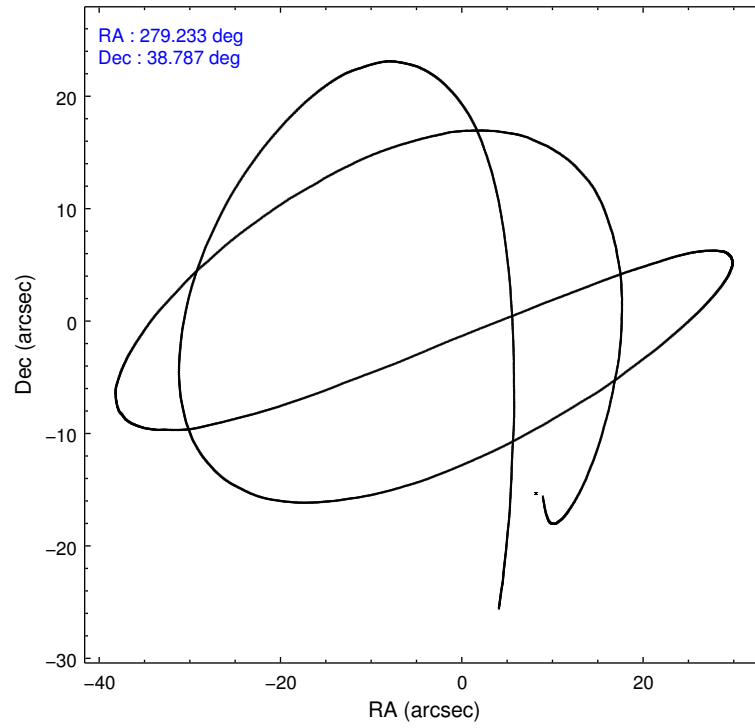
Level 1 Events

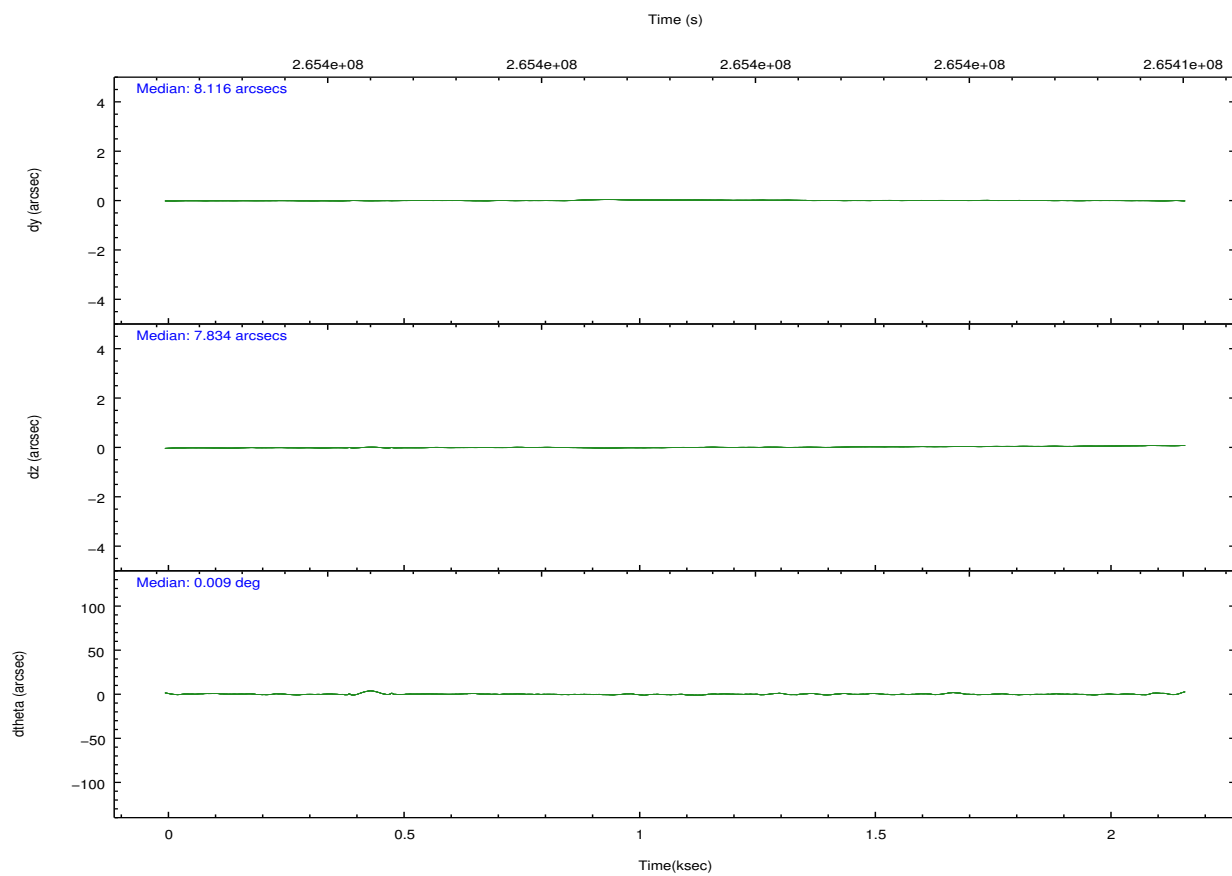
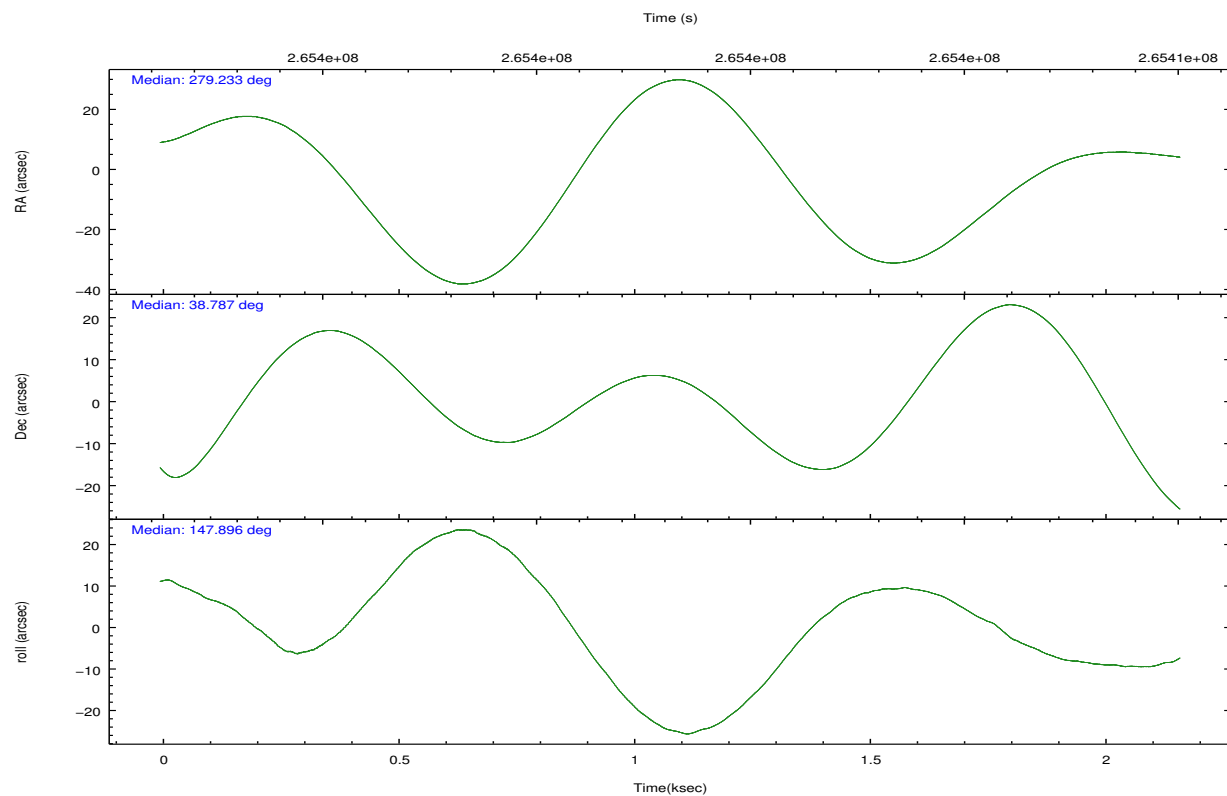
	segment 0
level 1 events	218670
rejected events	66078
rejected %	30%

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	279.266687	279.2321049382071			
[deg] Pointing Dec	38.786810	38.78749547943243			
[deg] Pointing Roll	147.976689	147.9028745385808			
[s] Window start time (MET)	262828865.184000	262828865.184000			
[s] Window stop time (MET)	268012865.184000	268012865.184000			
[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)	265403390.184000	265402323.74293			
Observation start date	2006-05-30T19:08:45	2006-05-30T18:52:03			
[s] Observation end time (MET)	265405390.184000	265405523.79308			
Observation end date	2006-05-30T19:42:05	2006-05-30T19:45:23			

2.3 Aspect



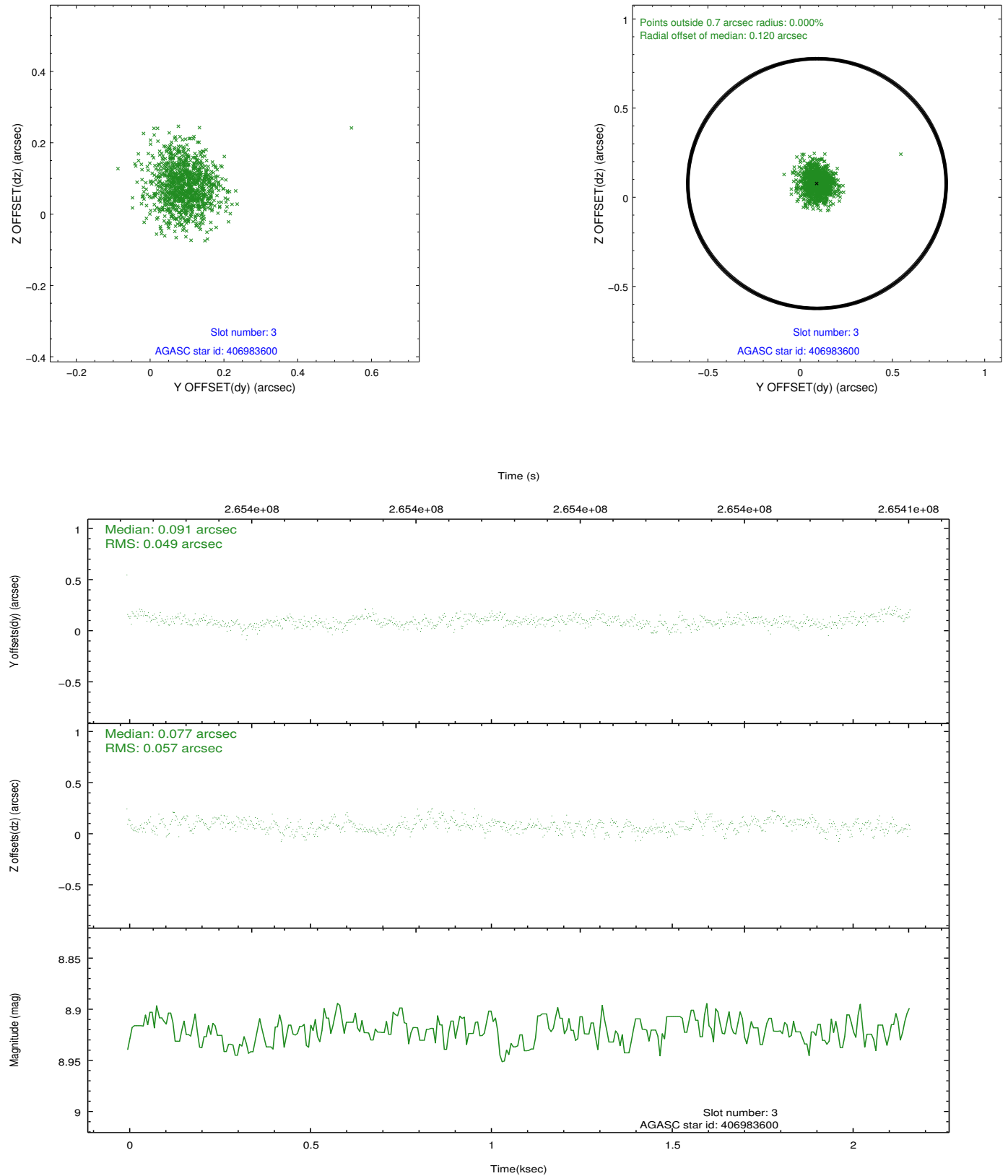


Slot Statistics

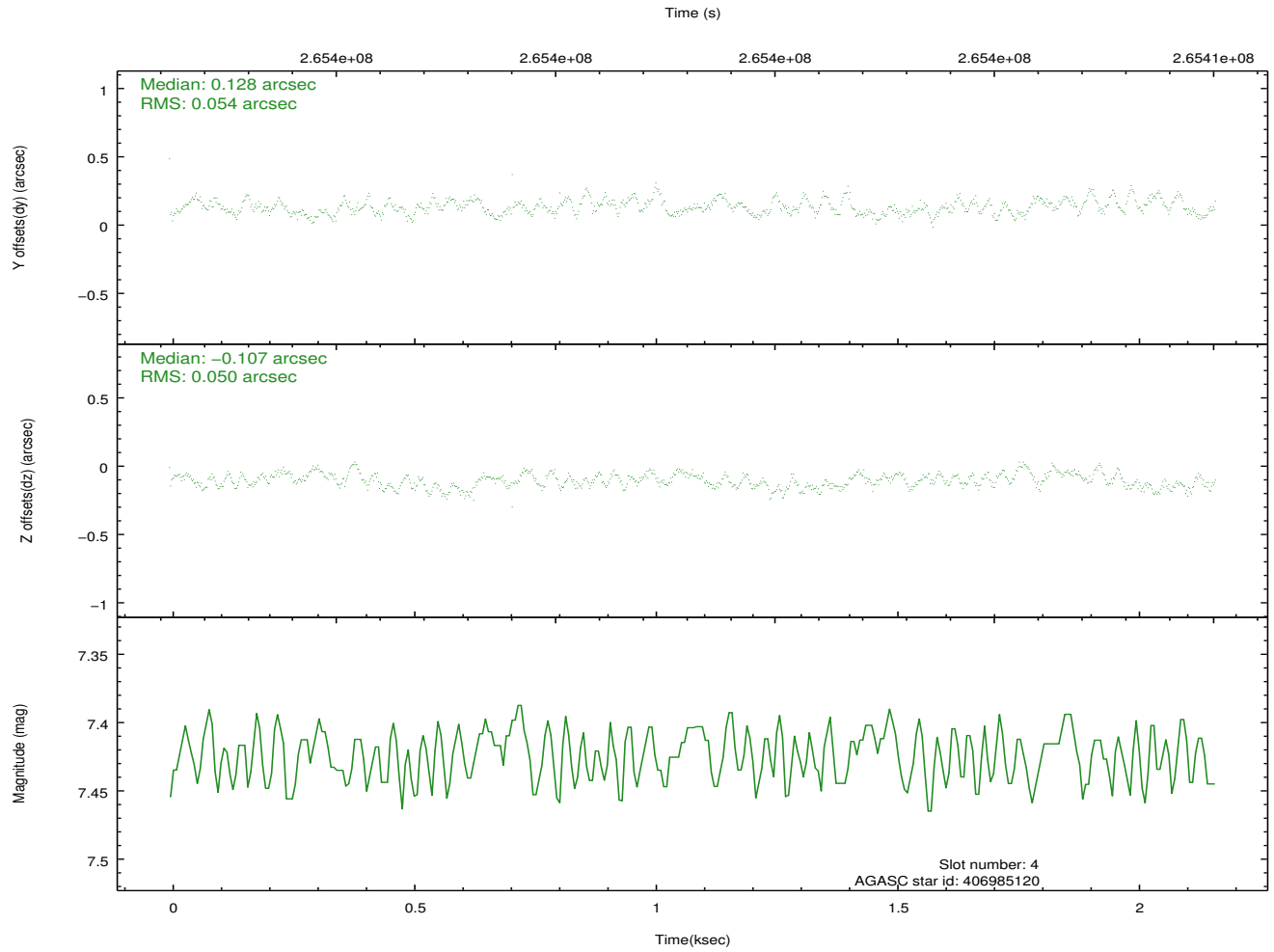
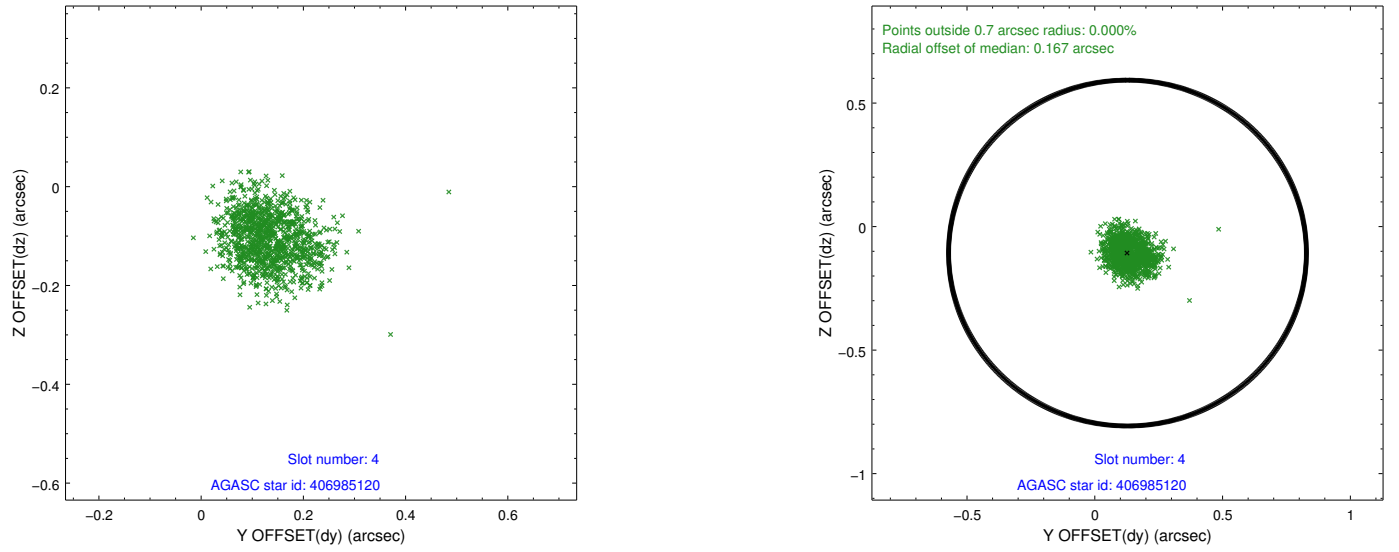
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	528	-0.003	0.042	0.006	0.012	0.000000	0.000000	-763.75	-1295.67
1	FID	HRC-I-2	7.01	528	0.152	-0.123	0.006	0.011	0.000000	0.000000	847.59	-1299.87
2	FID	HRC-I-3	7.06	529	-0.029	-0.008	0.006	0.011	0.000000	0.000000	-1190.64	1006.40
3	GUIDE	406983600	8.92	1056	0.091	0.077	0.078	0.131	279.940957	39.020708	-1149.14	-1718.40
4	GUIDE	406985120	7.42	1057	0.128	-0.107	0.078	0.123	278.839732	38.894839	1221.03	302.02
5	GUIDE	406990192	9.00	1056	-0.061	0.059	0.086	0.137	278.510952	38.533654	1326.72	1895.63
6	GUIDE	406987272	6.94	1057	-0.183	-0.293	0.060	0.101	278.536588	38.437504	1084.26	2153.70
7	GUIDE	406979352	9.26	1051	0.018	0.255	0.110	0.177	279.968297	39.230258	-807.51	-2393.01

2.4 Star Slots

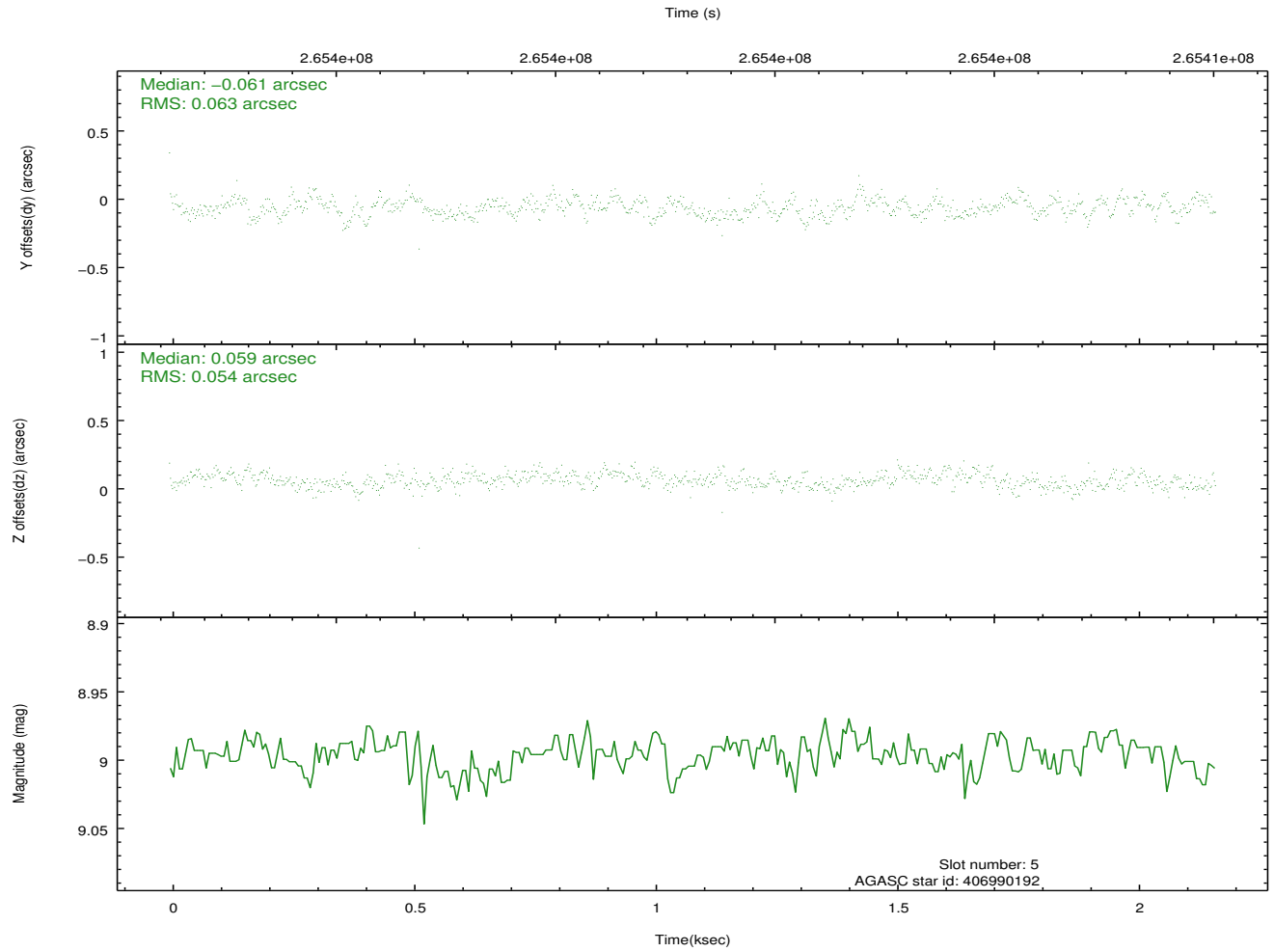
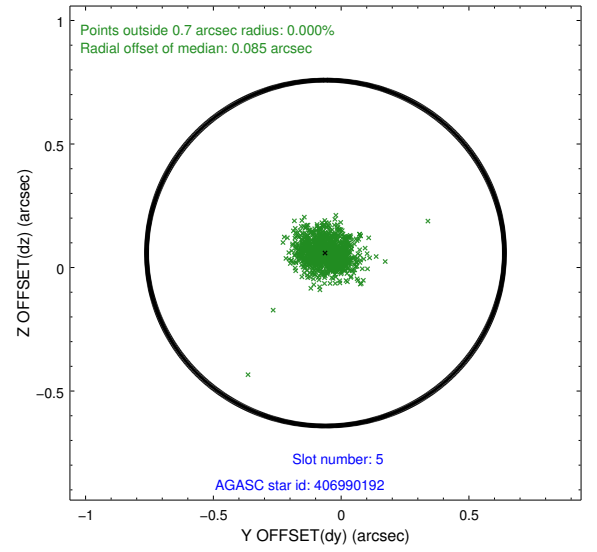
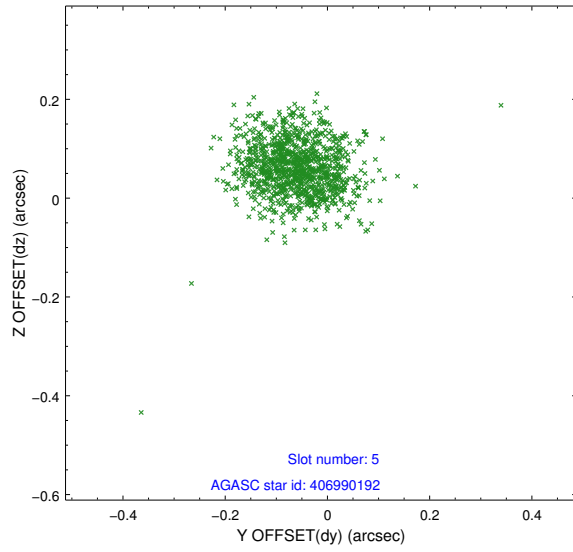
2.4.1 Slot 3



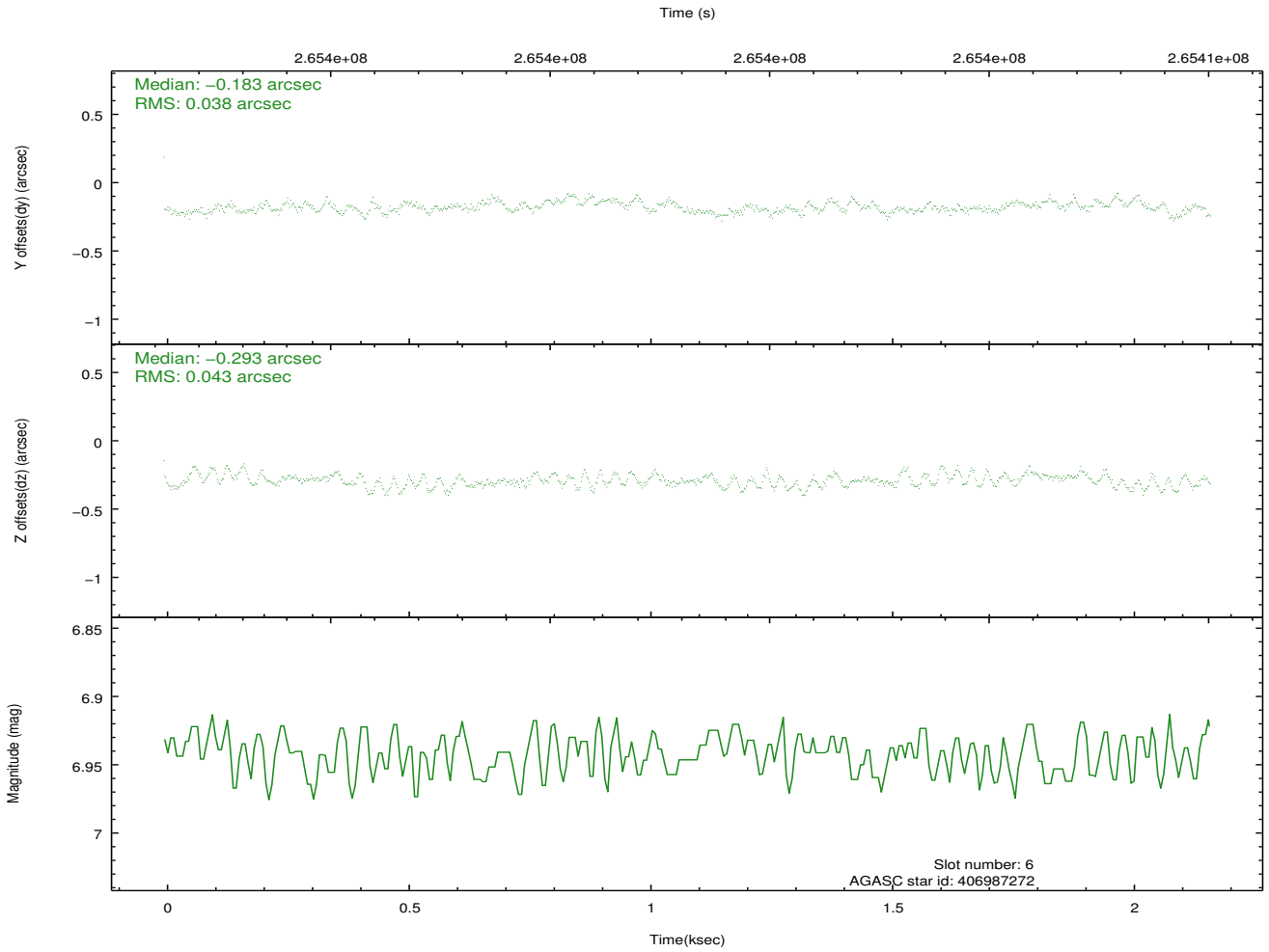
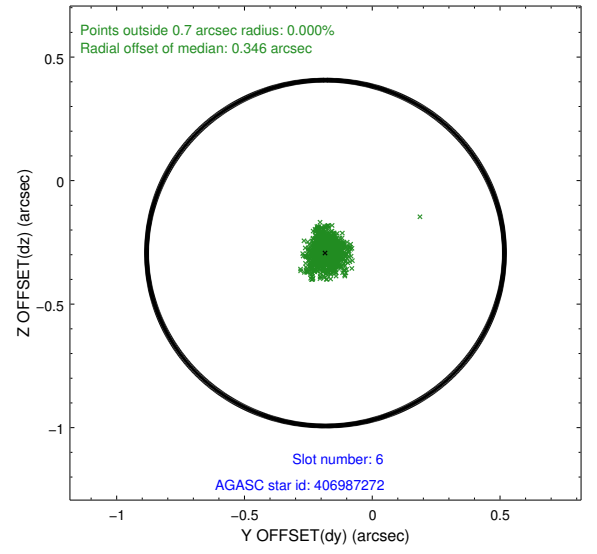
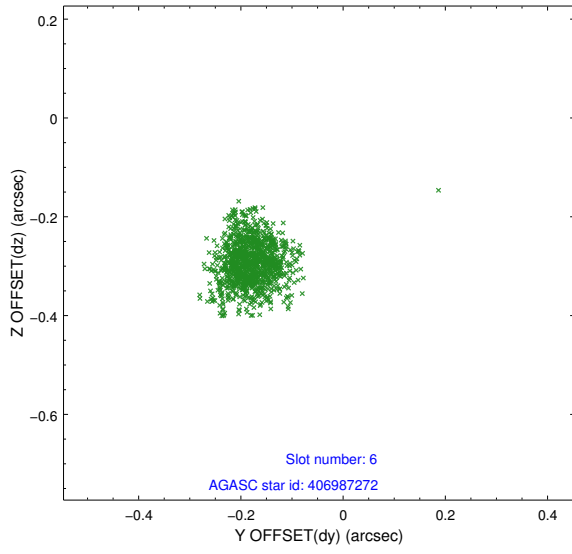
2.4.2 Slot 4



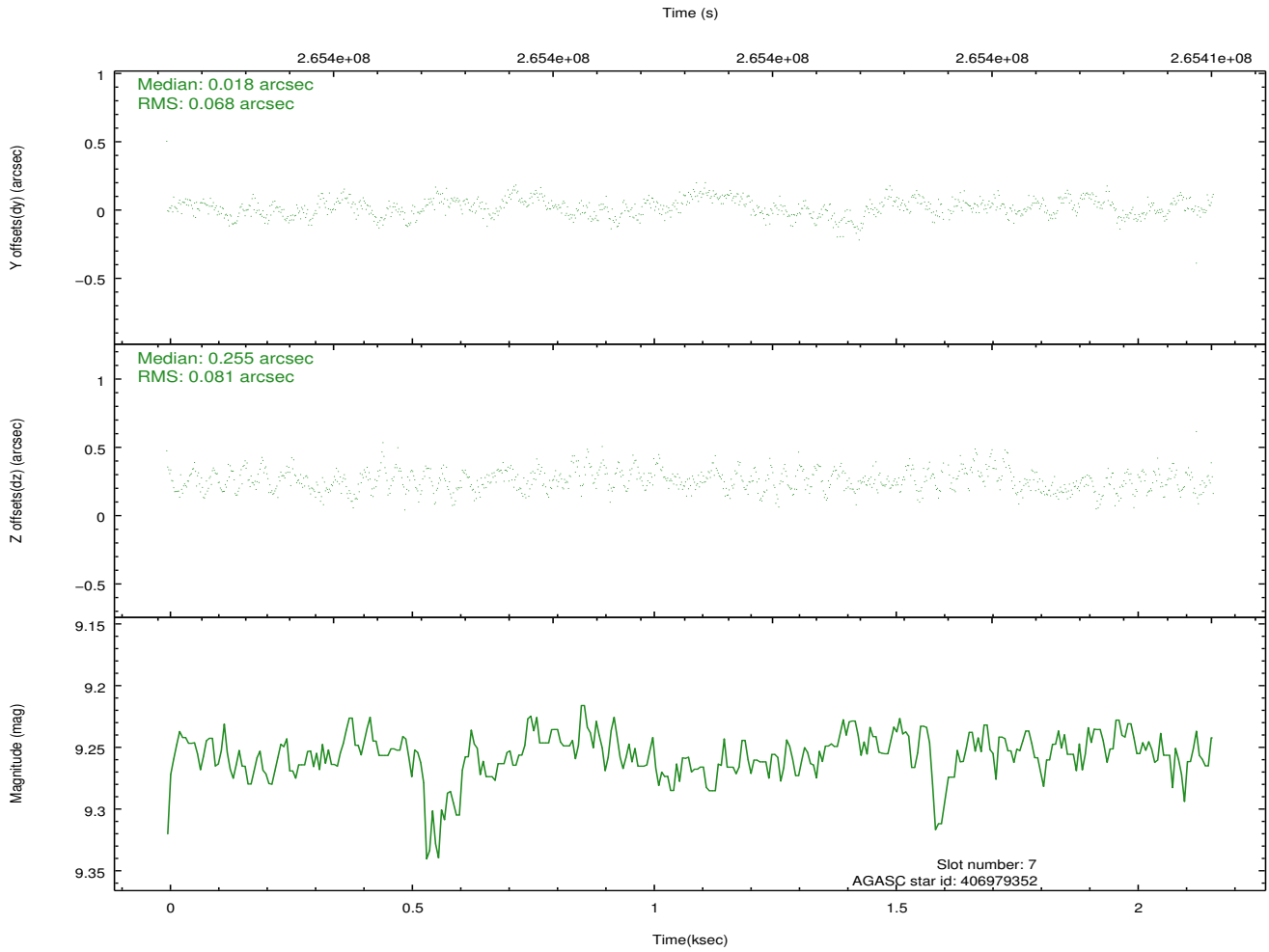
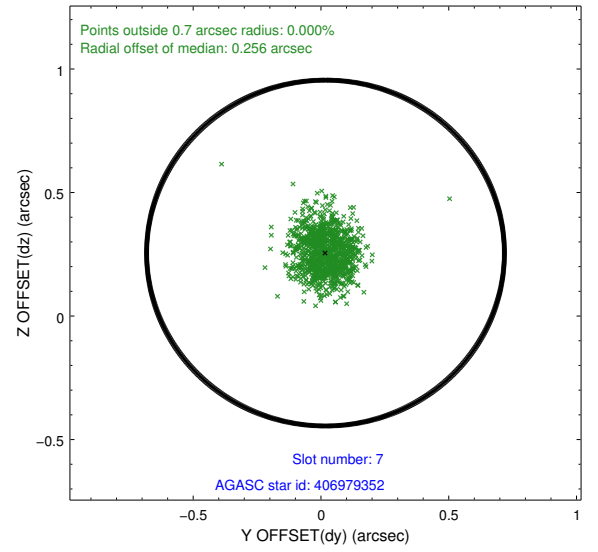
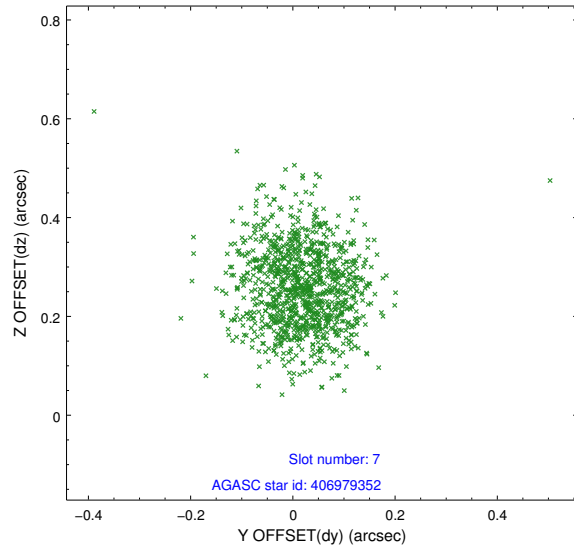
2.4.3 Slot 5



2.4.4 Slot 6

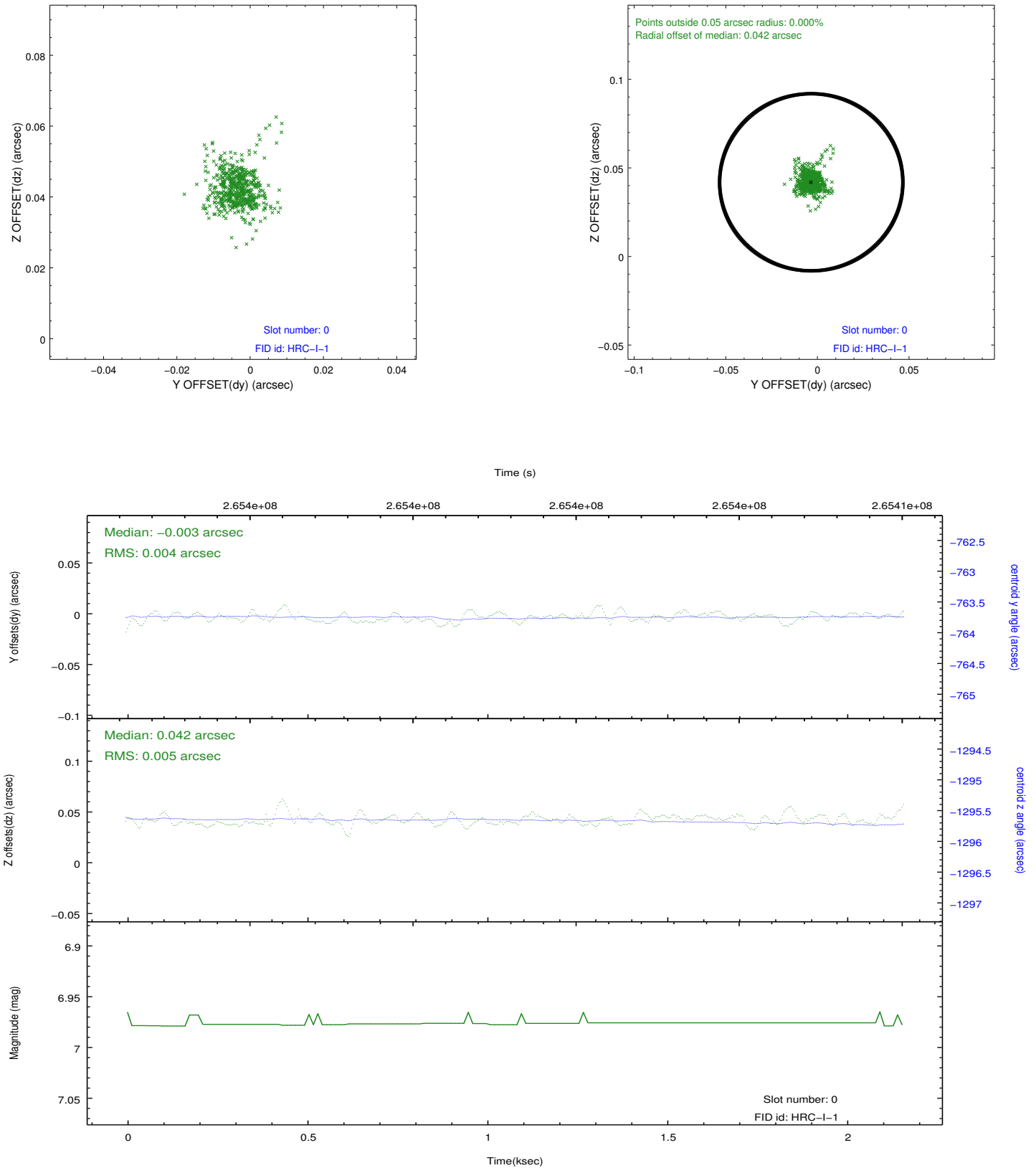


2.4.5 Slot 7

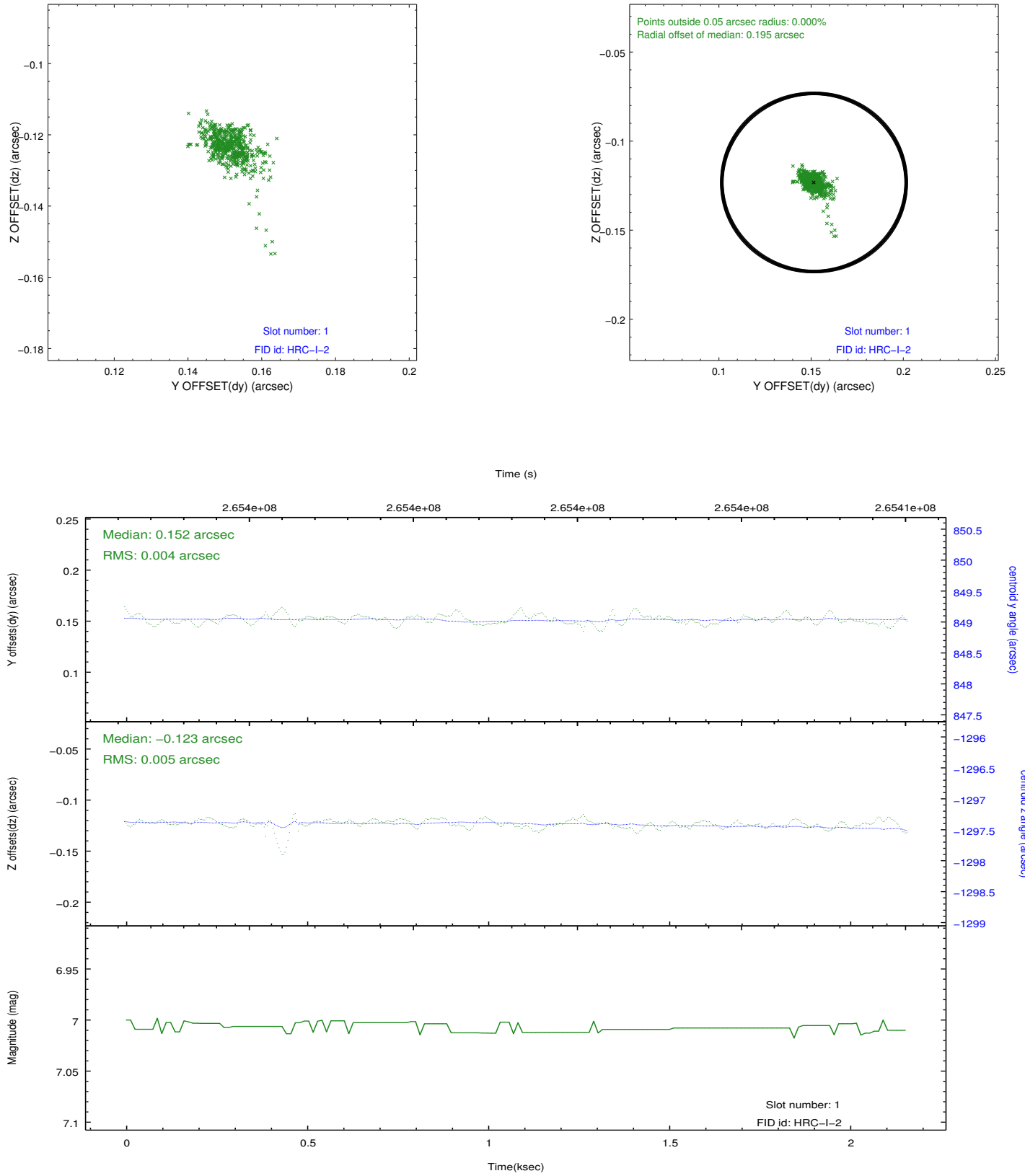


2.5 FID Slots

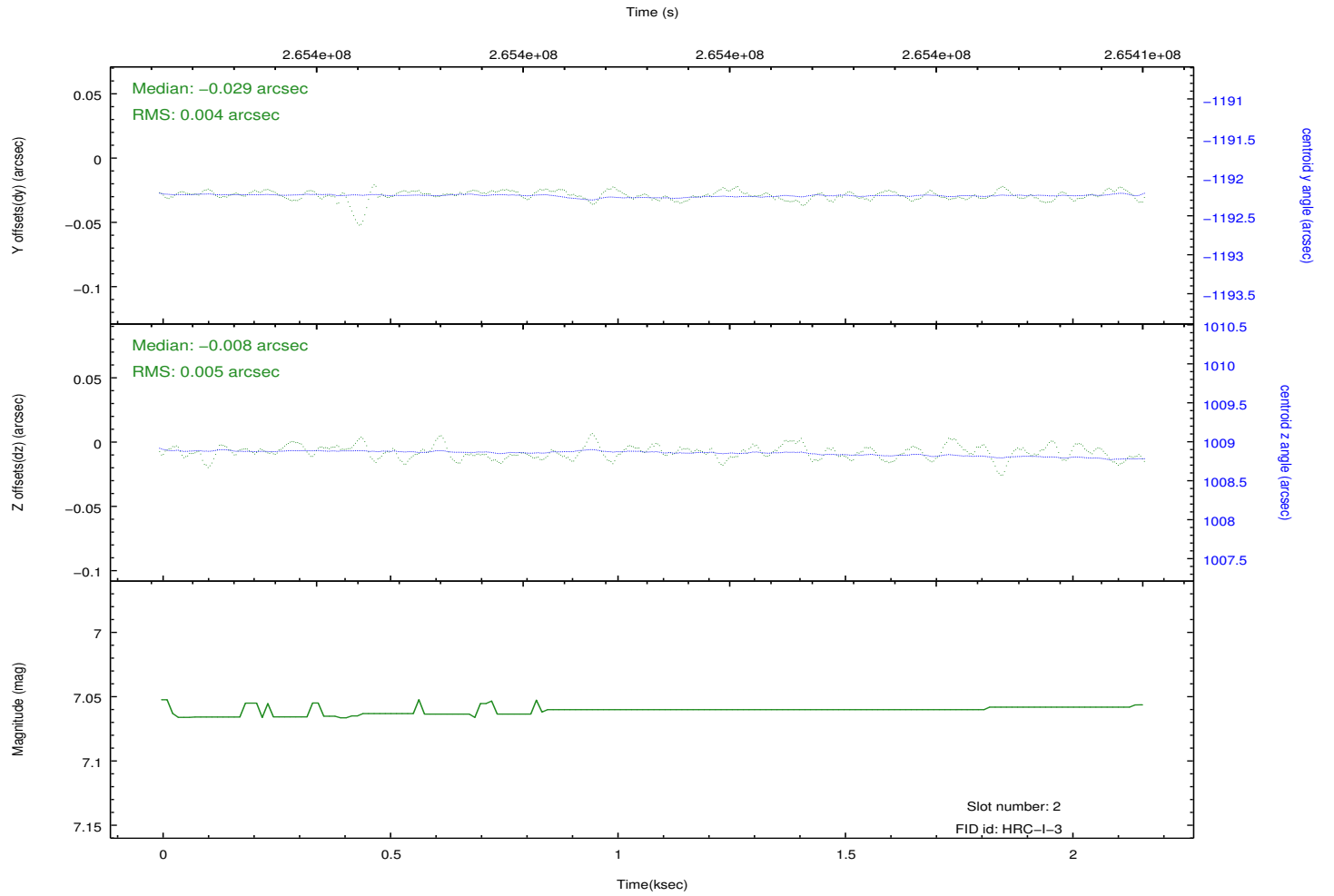
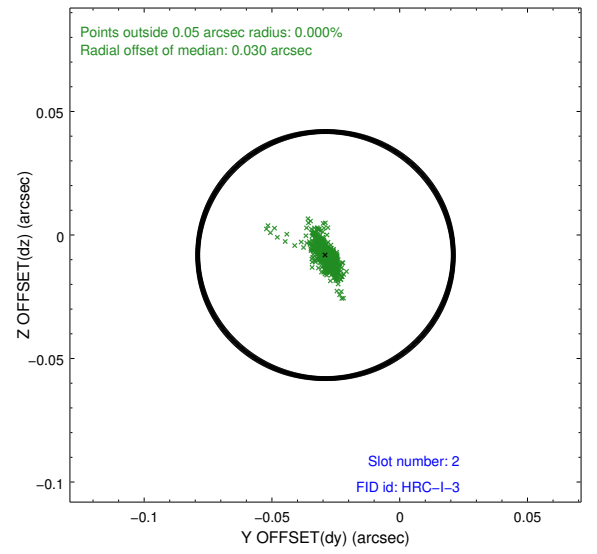
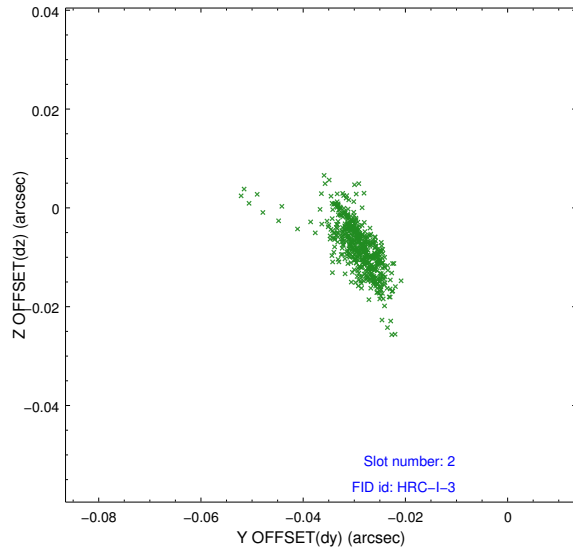
2.5.1 Slot 0



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)	2012.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1596751

A.2 Comments

Window constraint met.