

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 5967 - L2 Version 3
Chandra X-Ray Center

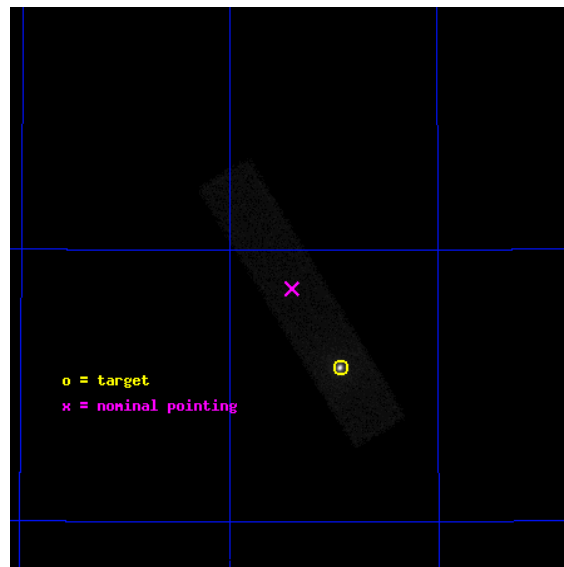
L2 Processing Date : Mar 15 2013

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1 Front

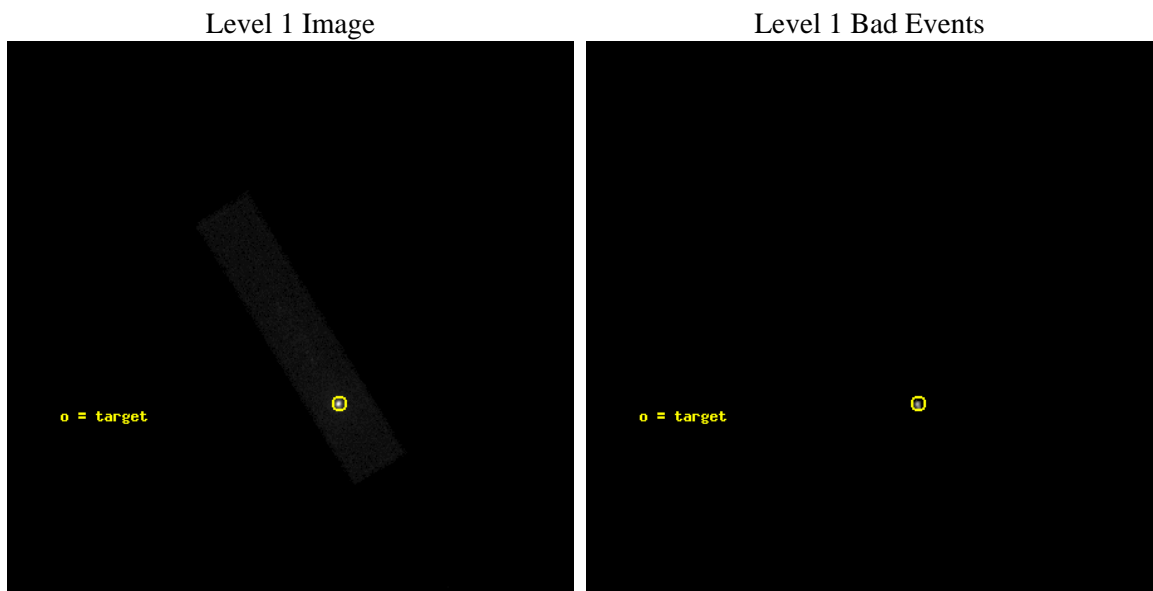
seq_num	290459	Sequence number
obs_id	5967	Observation id
title	AO6 Measurements of the optical/UV Transmission of the HRC and ACIS Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.35080242959	Nominal RA [deg]
dec_nom	38.929442036169	Nominal Dec [deg]
roll_nom	58.391587439087	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2159.9313477576	[s]
livetime	1827.026017763	Ontime multiplied by DTCOR
l2events	380029	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	8.5.1	Processing system revision	ontime	2159.9313477576	[s]
caldbver	4.5.5	 	l1events	451490	Number of level 1 events
date	2012-12-17T16:50:46	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

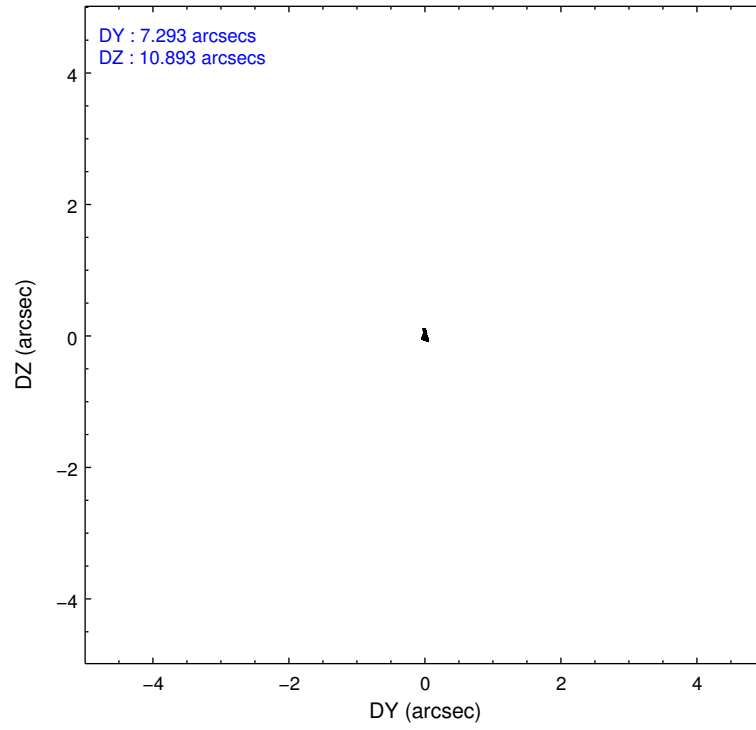
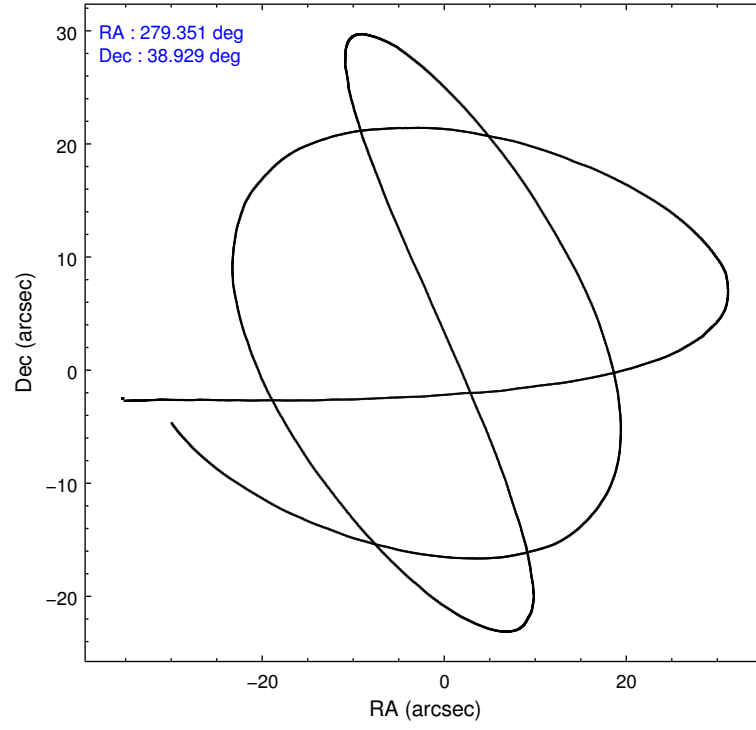
Level 1 Events

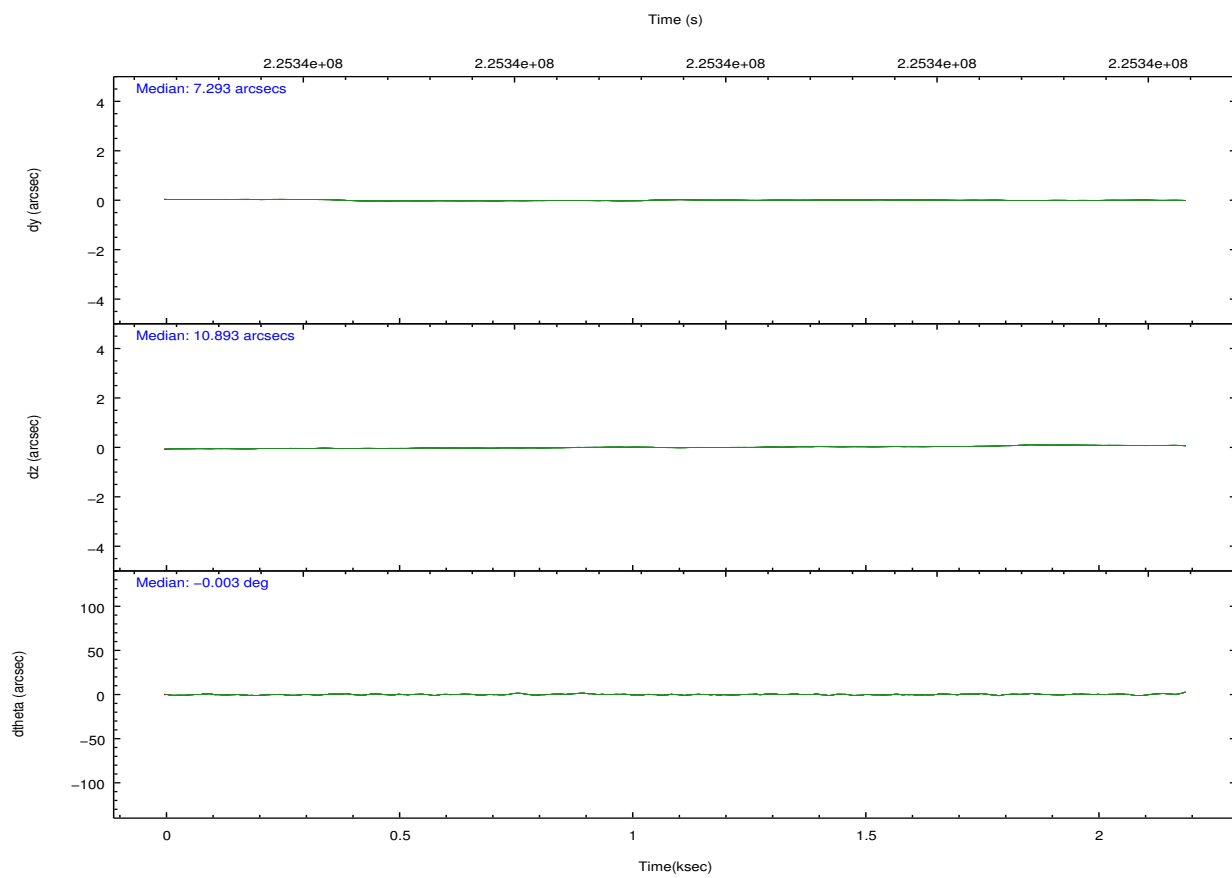
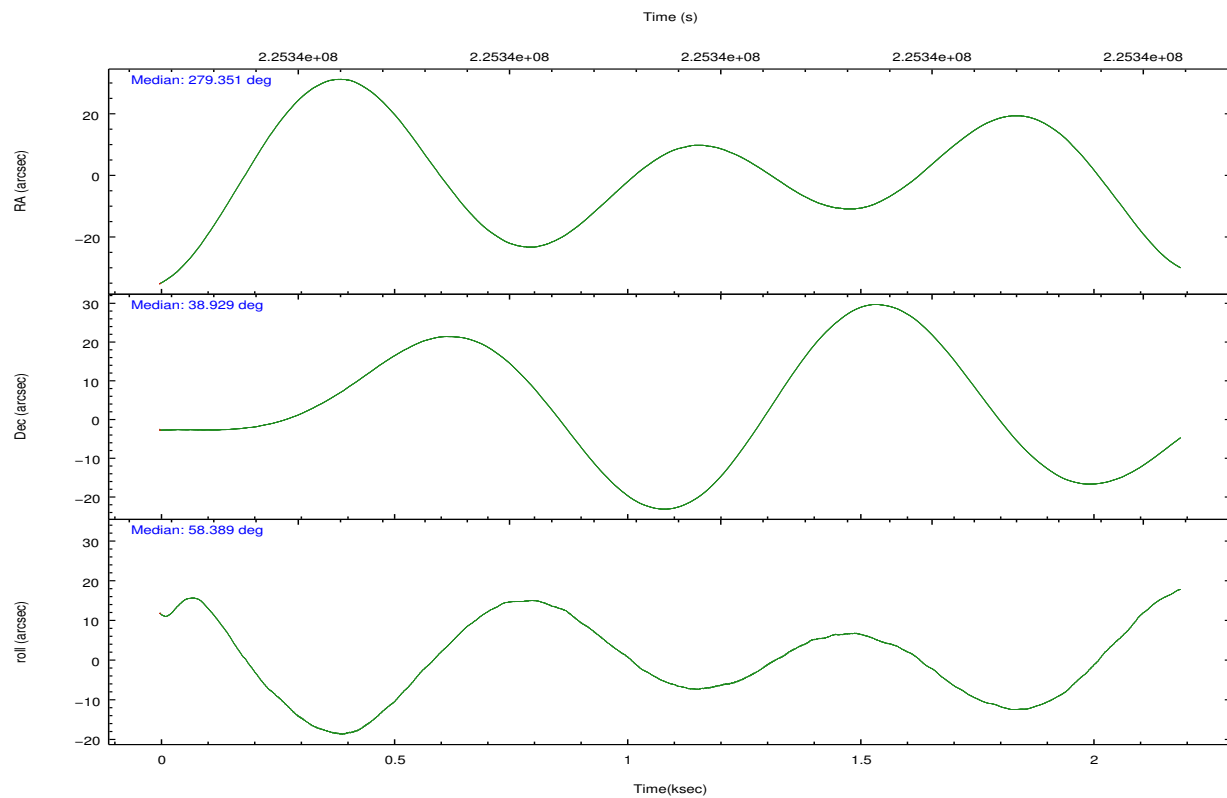
	segment 1	segment 2	segment 3
level 1 events	4494	445986	1010
rejected events	4468	47741	1008
rejected %	99%	10%	99%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	279.351354	279.3508024295916			
[deg] Pointing Dec	38.900998	38.92944203616906			
[deg] Pointing Roll	58.323978	58.39158743908655			
[s] Window start time (MET)	223603264.184000	223603264.184000			
[s] Window stop time (MET)	228614464.184000	228614464.184000			
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	225334969.184000	225334593.22367			
Observation start date	2005-02-21T01:01:45	2005-02-21T00:56:33			
[s] Observation end time (MET)	225336969.184000	225337103.44878			
Observation end date	2005-02-21T01:35:05	2005-02-21T01:38:23			

2.3 Aspect



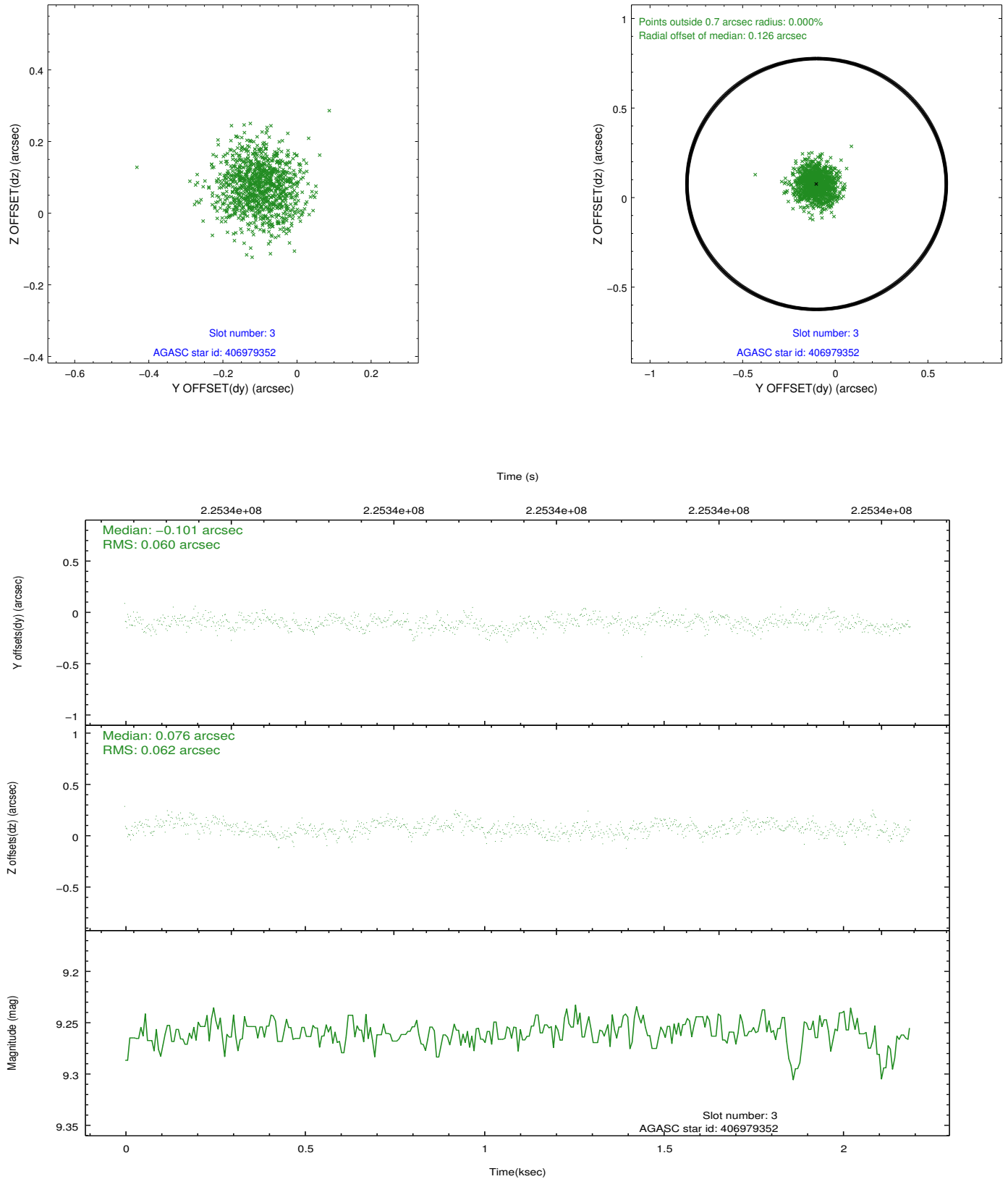


Slot Statistics

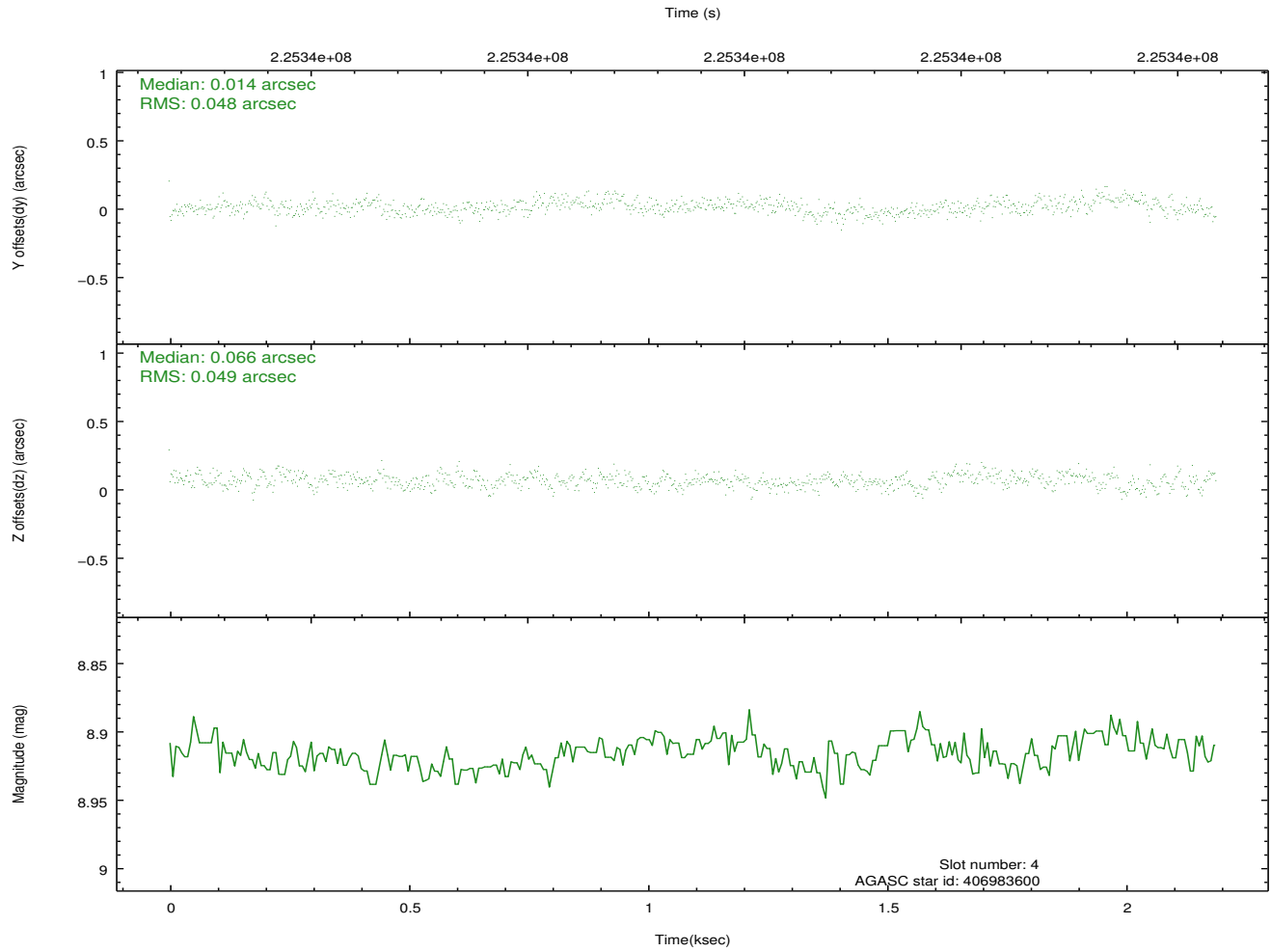
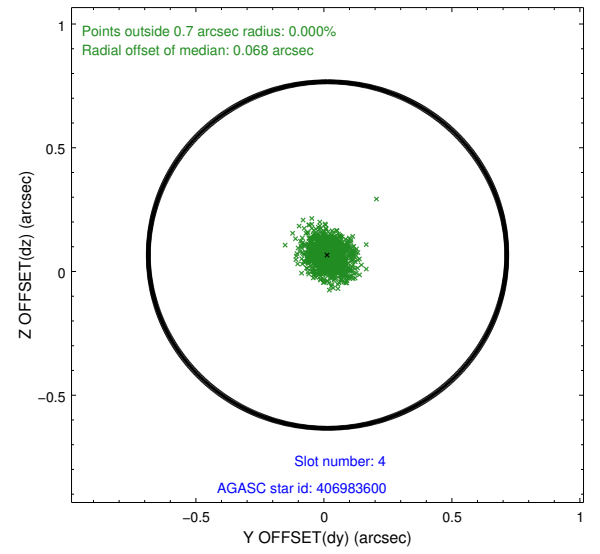
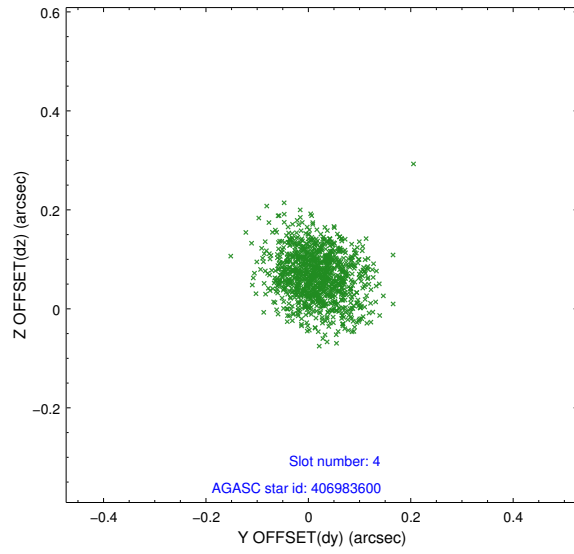
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.02	535	0.127	-0.164	0.007	0.012	0.000000	0.000000	-1161.45	-459.60
1	FID	HRC-S-2	7.01	535	0.170	-0.116	0.004	0.007	0.000000	0.000000	1236.10	-453.08
2	FID	HRC-S-3	7.02	535	0.093	-0.022	0.007	0.012	0.000000	0.000000	-1161.89	569.22
3	GUIDE	406979352	9.26	1067	-0.101	0.076	0.092	0.148	279.968297	39.230258	1916.83	-837.87
4	GUIDE	406983600	8.92	1069	0.014	0.066	0.073	0.120	279.940957	39.020708	1239.35	-1174.47
5	GUIDE	406989616	8.24	1069	0.064	0.102	0.076	0.118	279.202881	38.520843	-1382.40	-362.52
6	GUIDE	407521232	8.66	1069	-0.015	-0.126	0.071	0.117	279.628883	39.431715	2031.22	347.93
7	GUIDE	406990192	8.99	1068	0.038	-0.116	0.092	0.140	278.510952	38.533654	-2356.76	1326.64

2.4 Star Slots

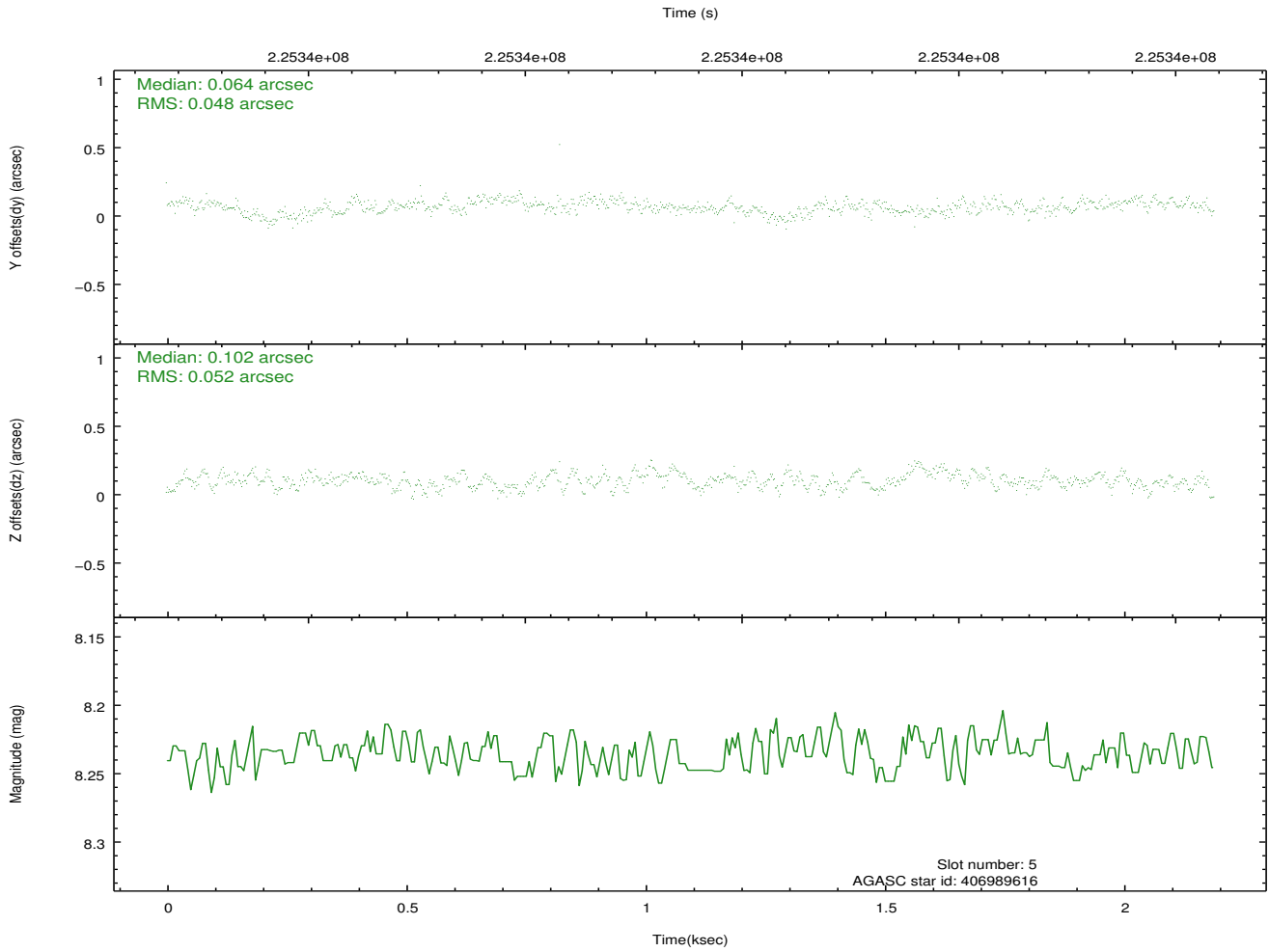
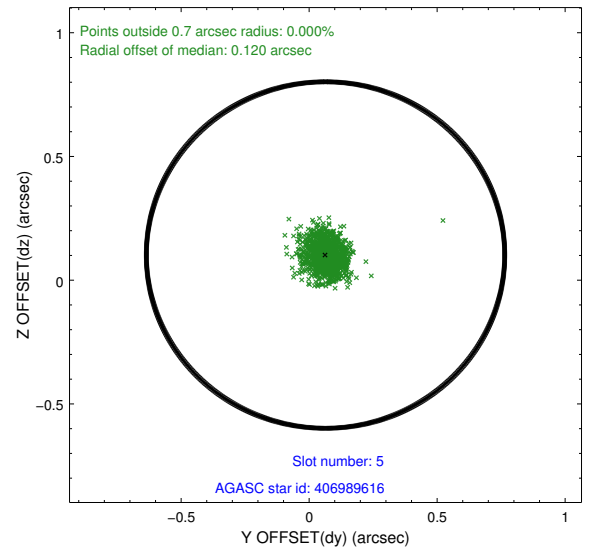
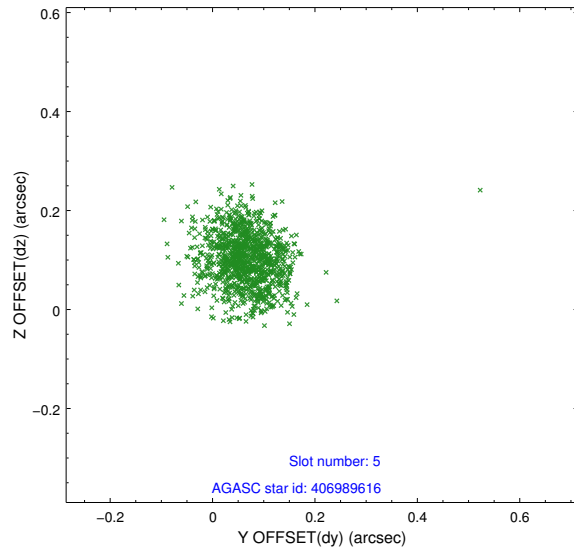
2.4.1 Slot 3



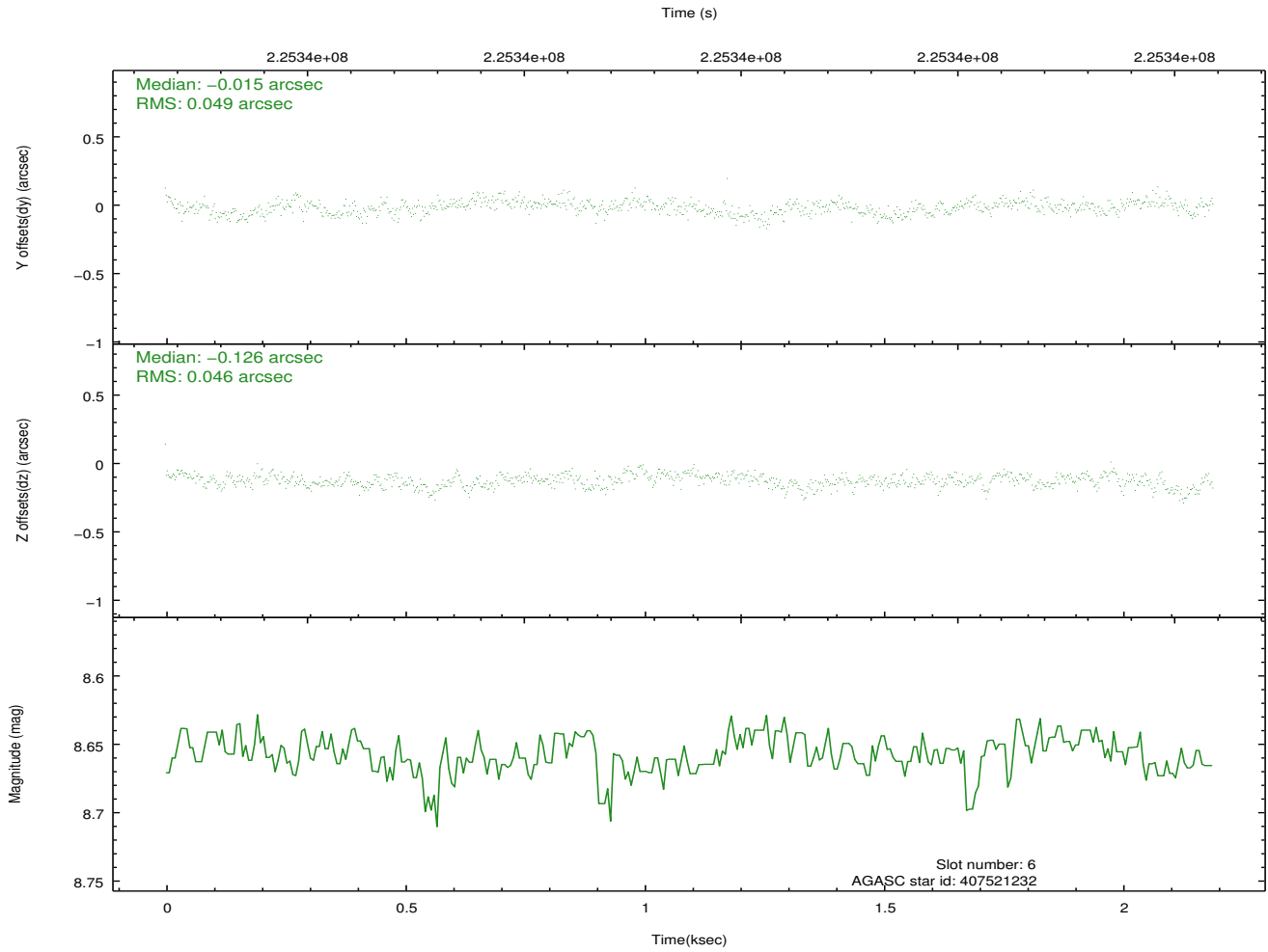
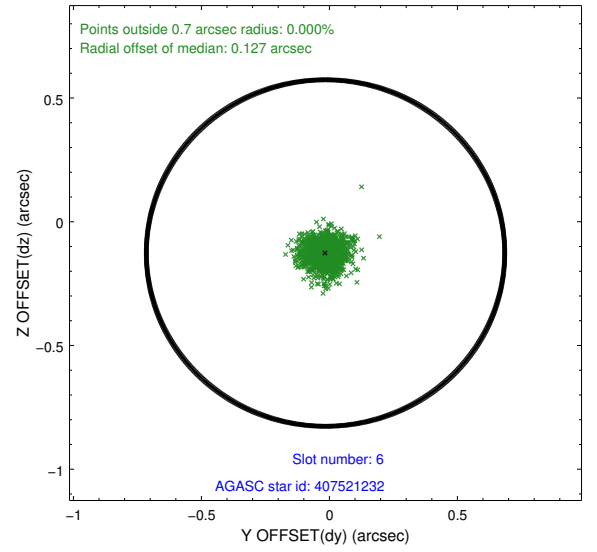
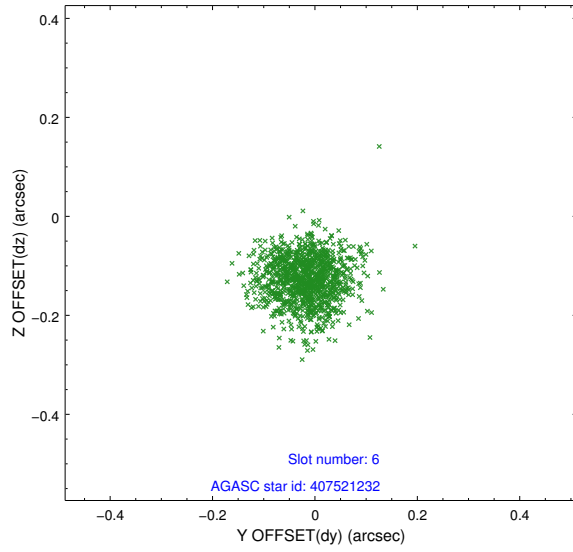
2.4.2 Slot 4



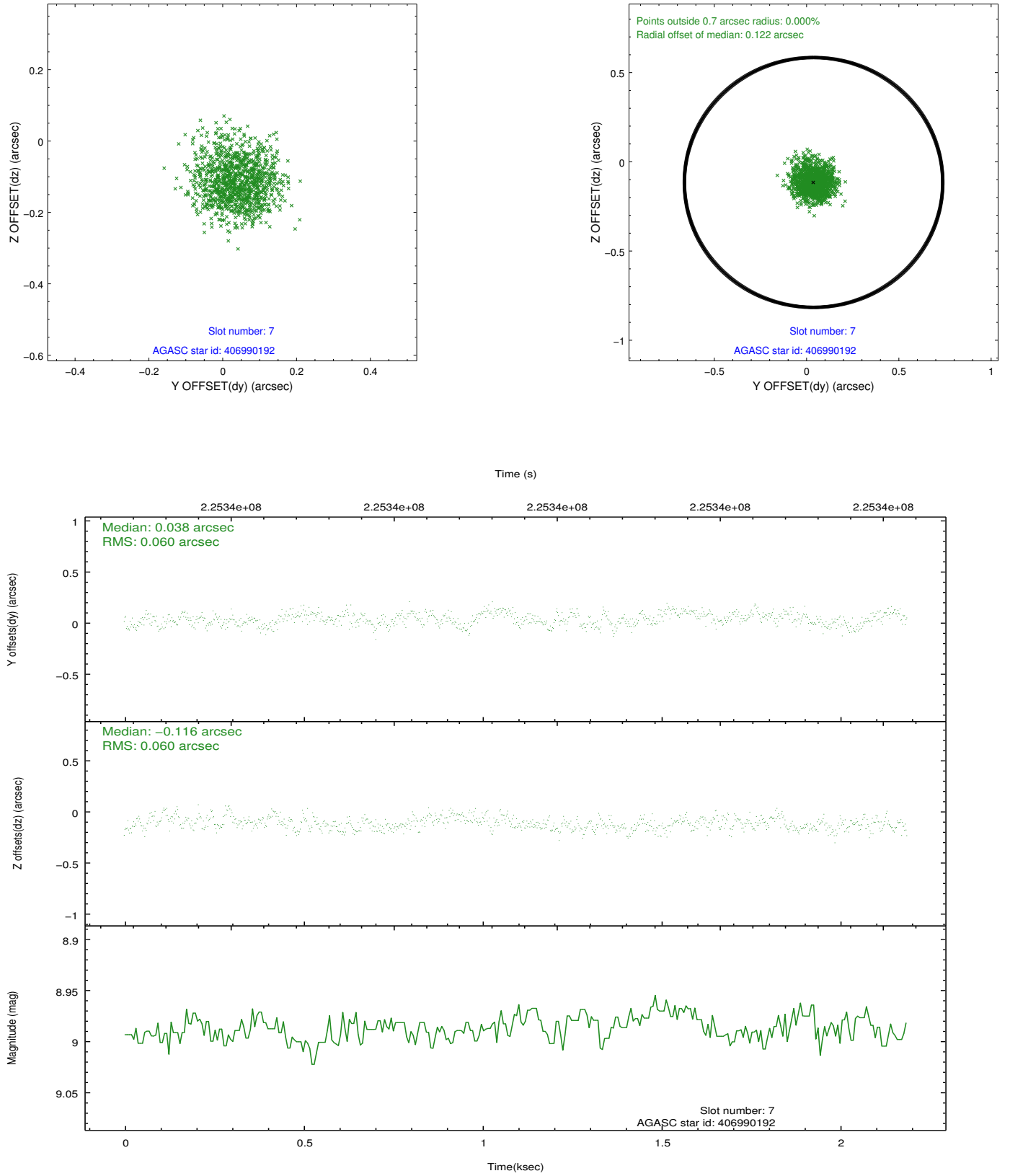
2.4.3 Slot 5



2.4.4 Slot 6

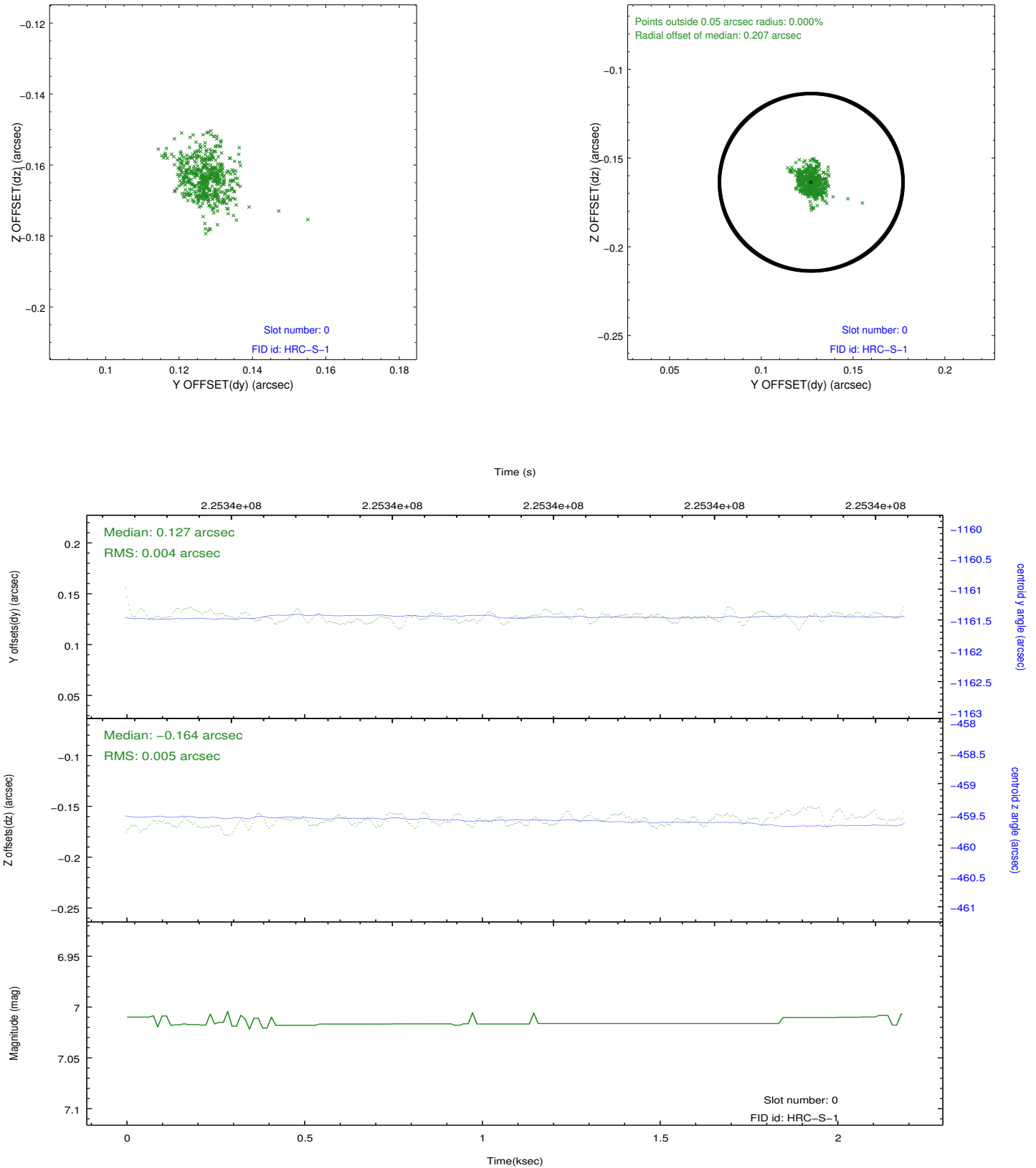


2.4.5 Slot 7

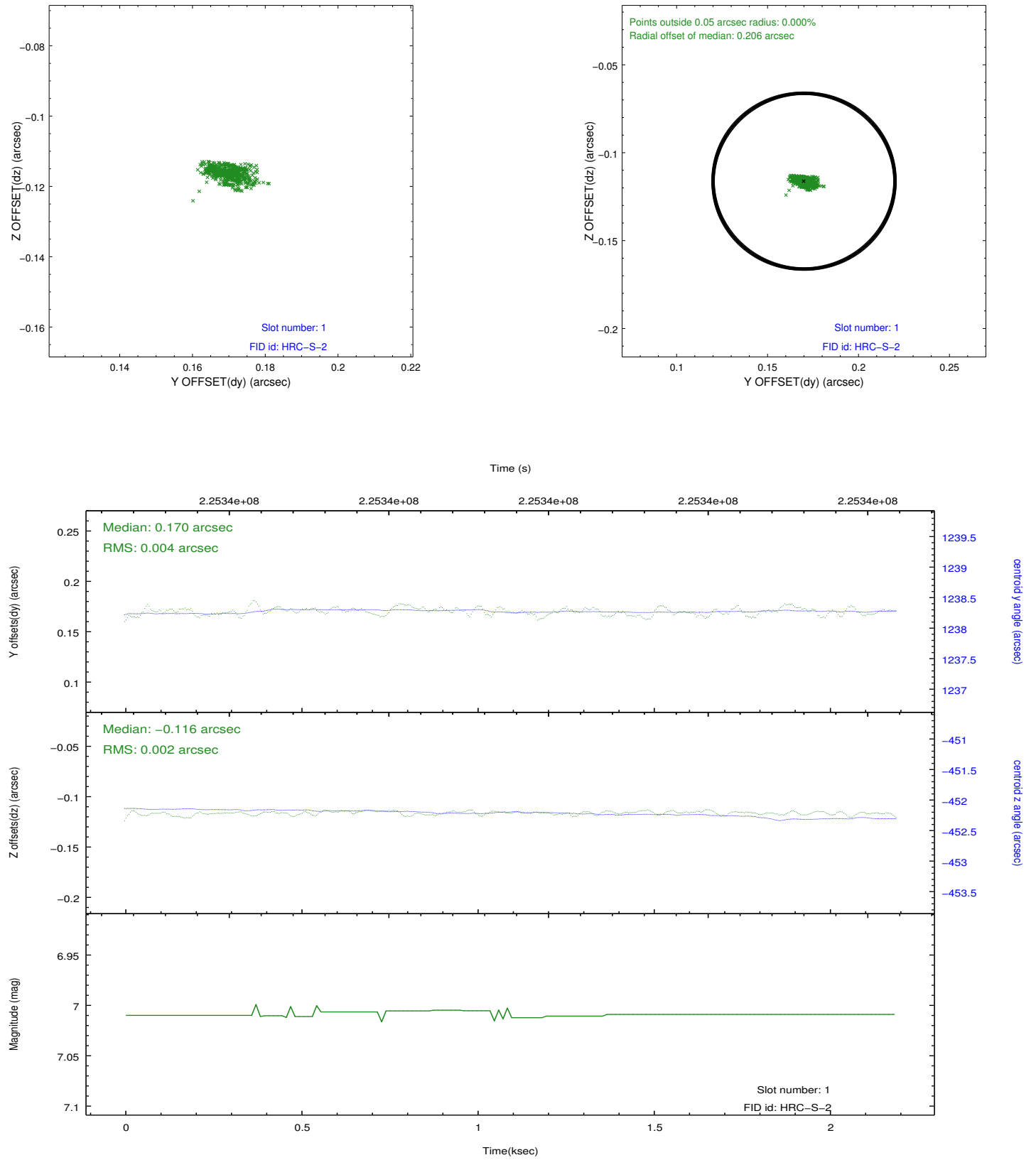


2.5 FID Slots

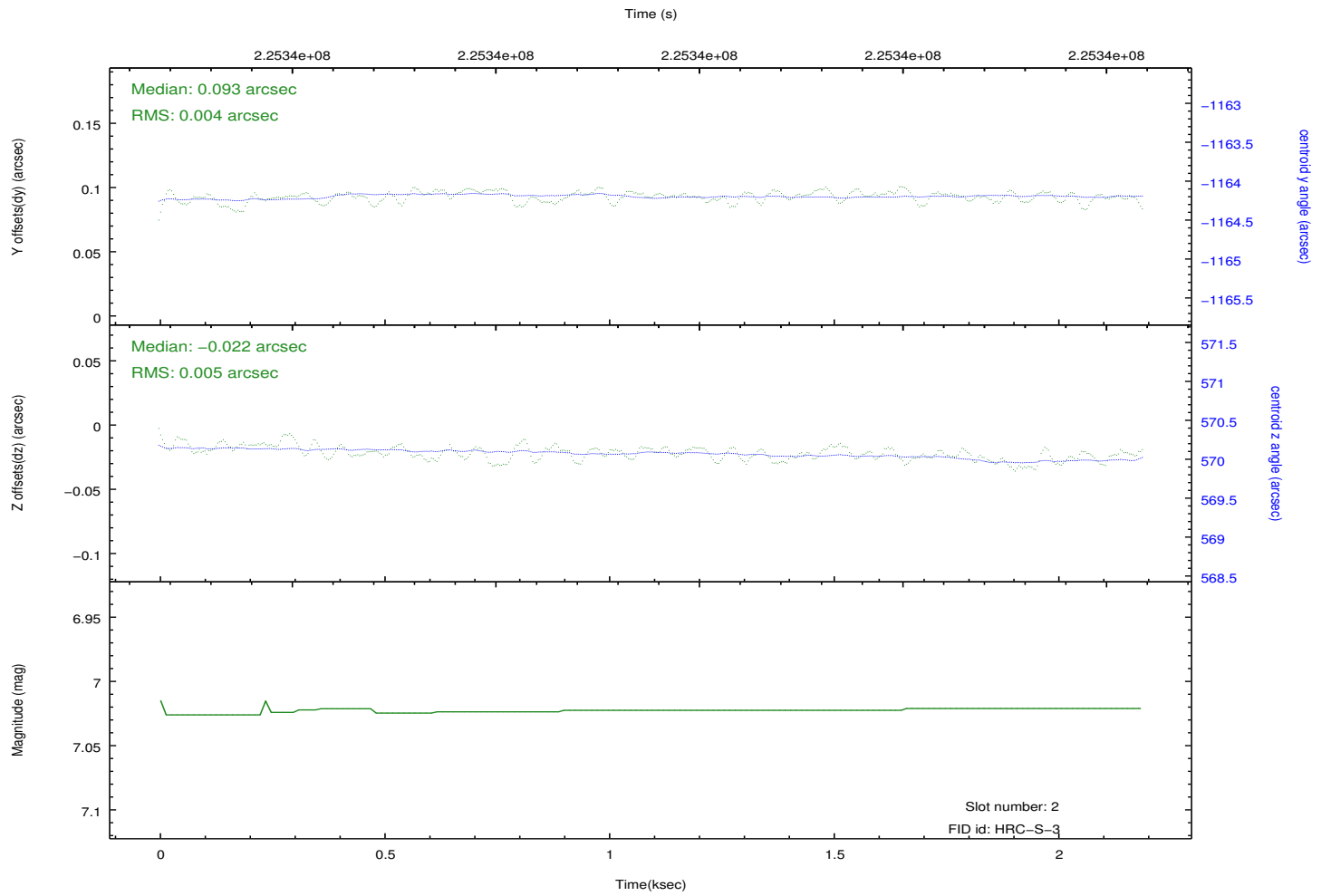
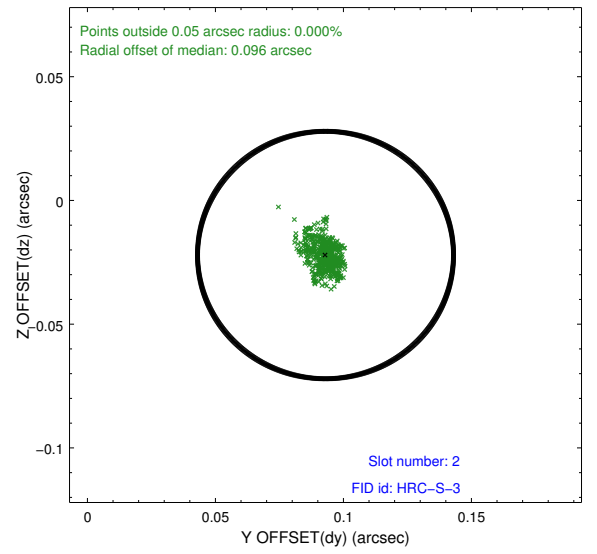
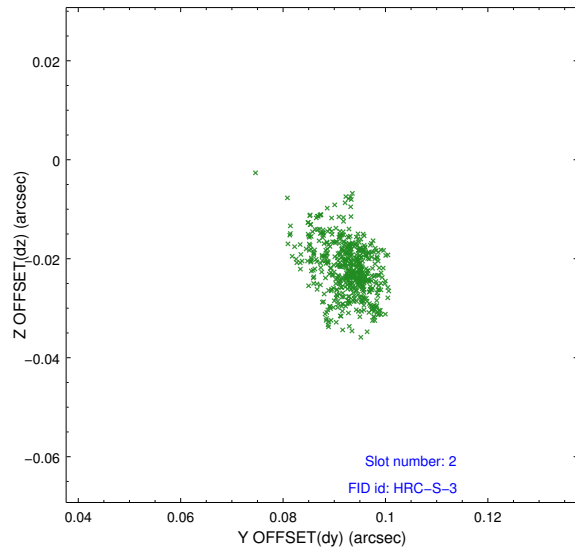
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.03.18
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	2.159931

A.2 Comments

Window preference met.