

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 6025 - L2 Version 3
Chandra X-Ray Center

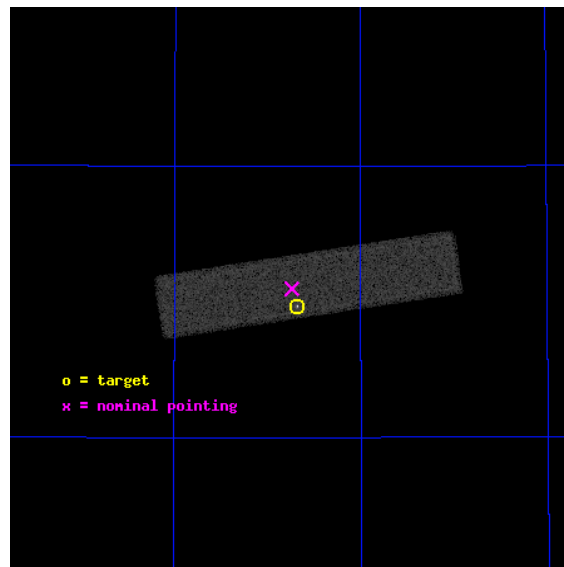
L2 Processing Date : Dec 17 2012

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1 Front

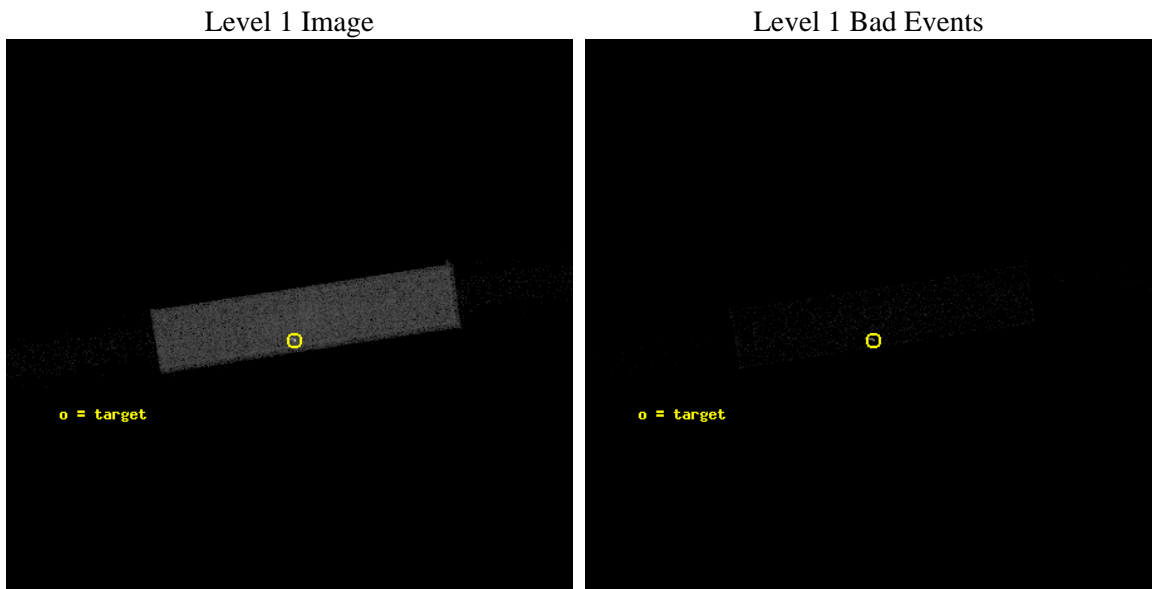
seq_num	290517	Sequence number
obs_id	6025	Observation id
title	AO6A Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.18434337062	Nominal RA [deg]
dec_nom	45.77485648385	Nominal Dec [deg]
roll_nom	351.19691753864	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1151.0750520825	[s]
livetime	1144.2435689745	Ontime multiplied by DTCOR
l2events	47682	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	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.5.1	Processing system revision	ontime	1151.0750520825	[s]
caldsver	4.5.5	 	l1events	77799	Number of level 1 events
date	2012-12-17T04:21:57	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

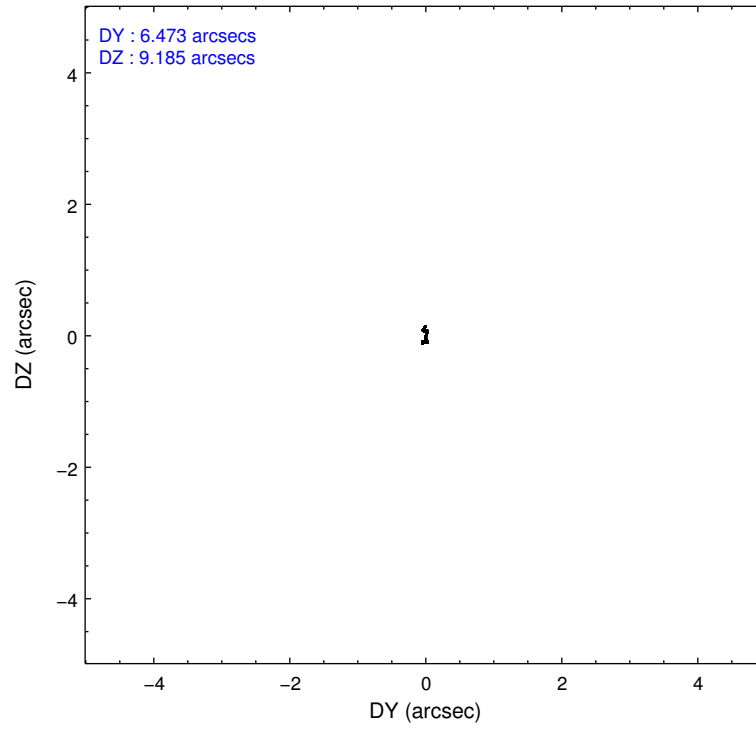
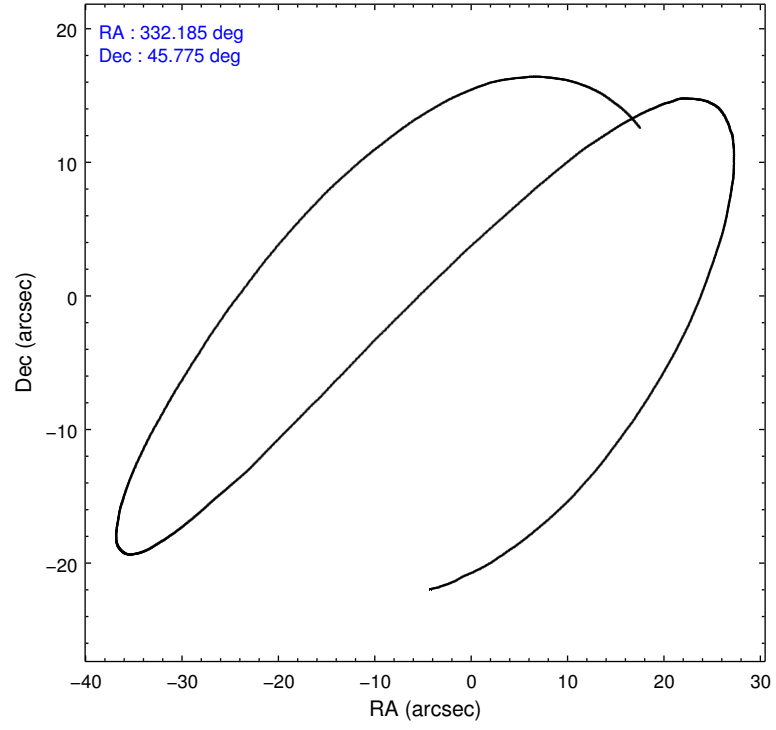
Level 1 Events

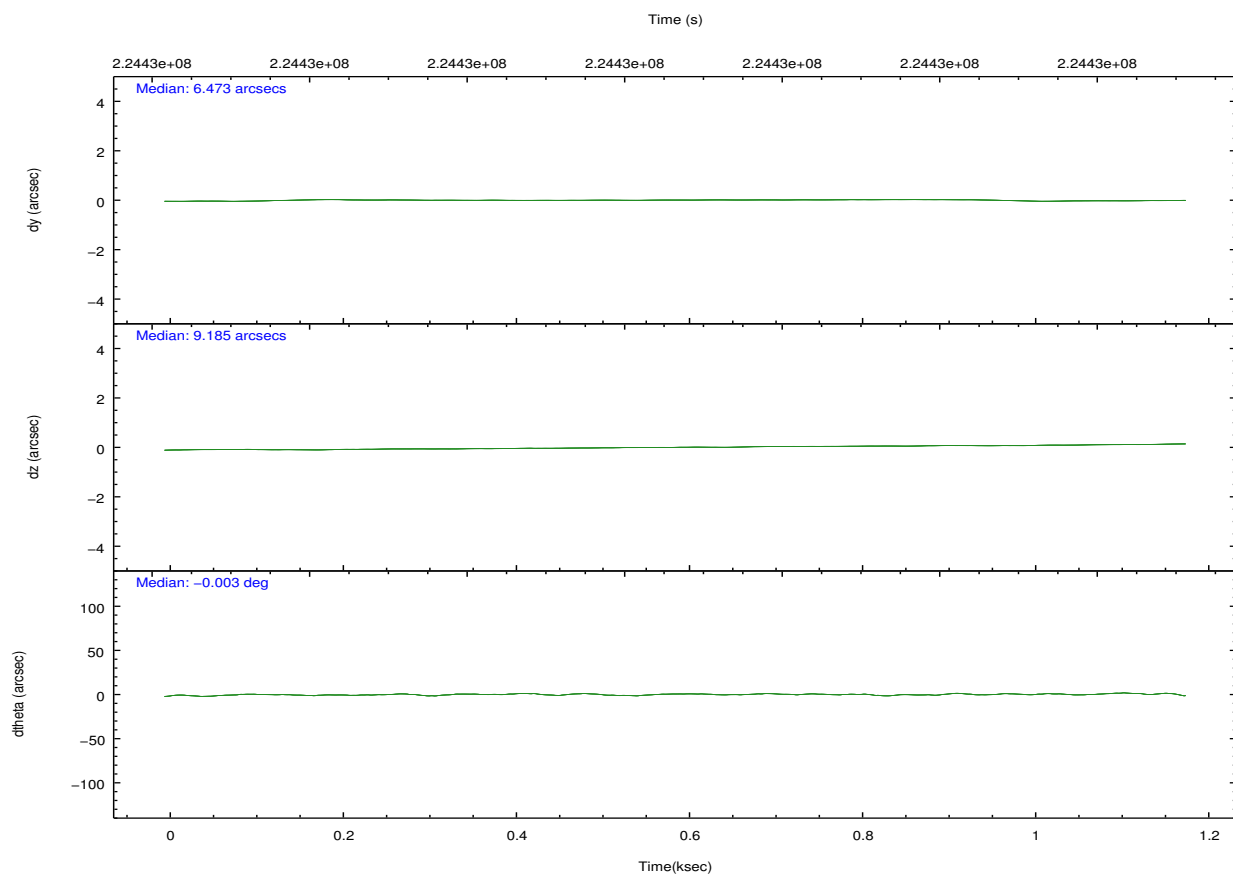
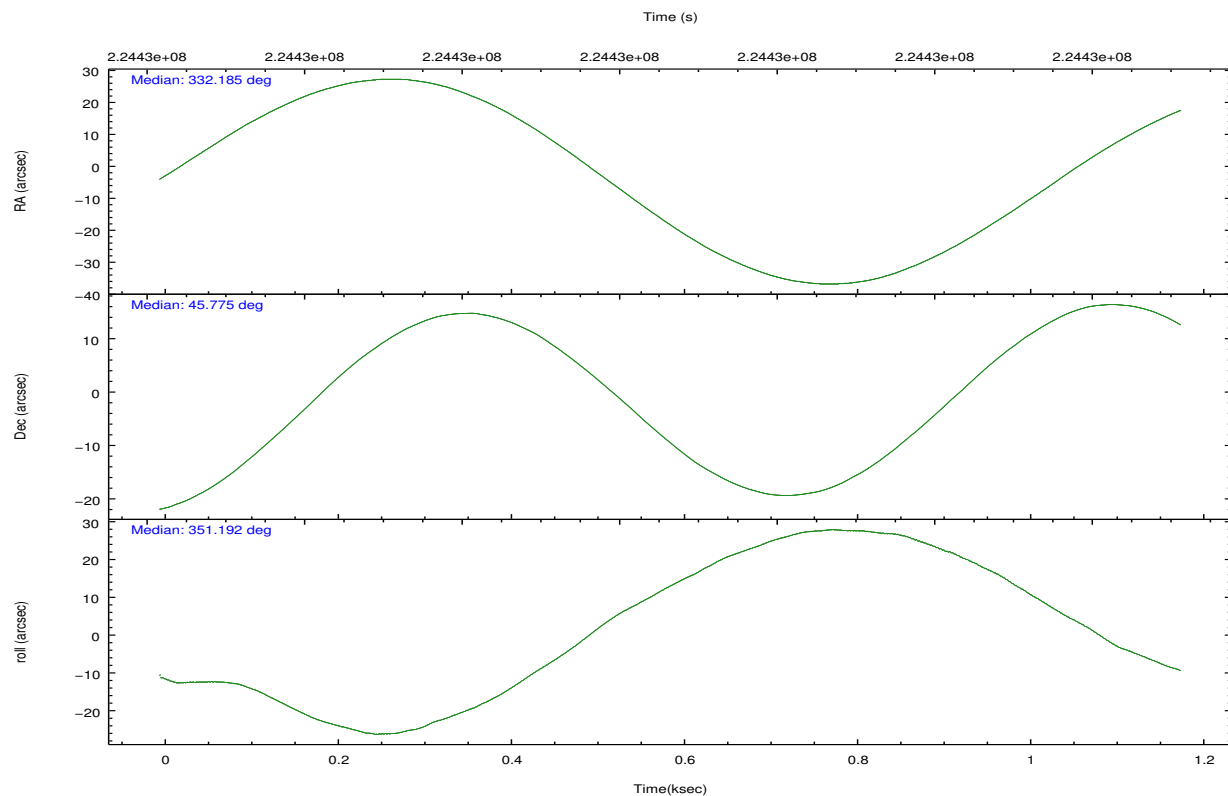
	segment 1	segment 2	segment 3
level 1 events	675	76418	706
rejected events	675	17819	706
rejected %	100%	23%	100%

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	332.146513	332.184343370617			
[deg] Pointing Dec	45.762736	45.7748564838499			
[deg] Pointing Roll	351.156771	351.1969175386412			
[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)	224428253.184000	224427877.15764			
Observation start date	2005-02-10T13:09:49	2005-02-10T13:04:37			
[s] Observation end time (MET)	224429253.184000	224429386.98271			
Observation end date	2005-02-10T13:26:29	2005-02-10T13:29:46			

2.3 Aspect



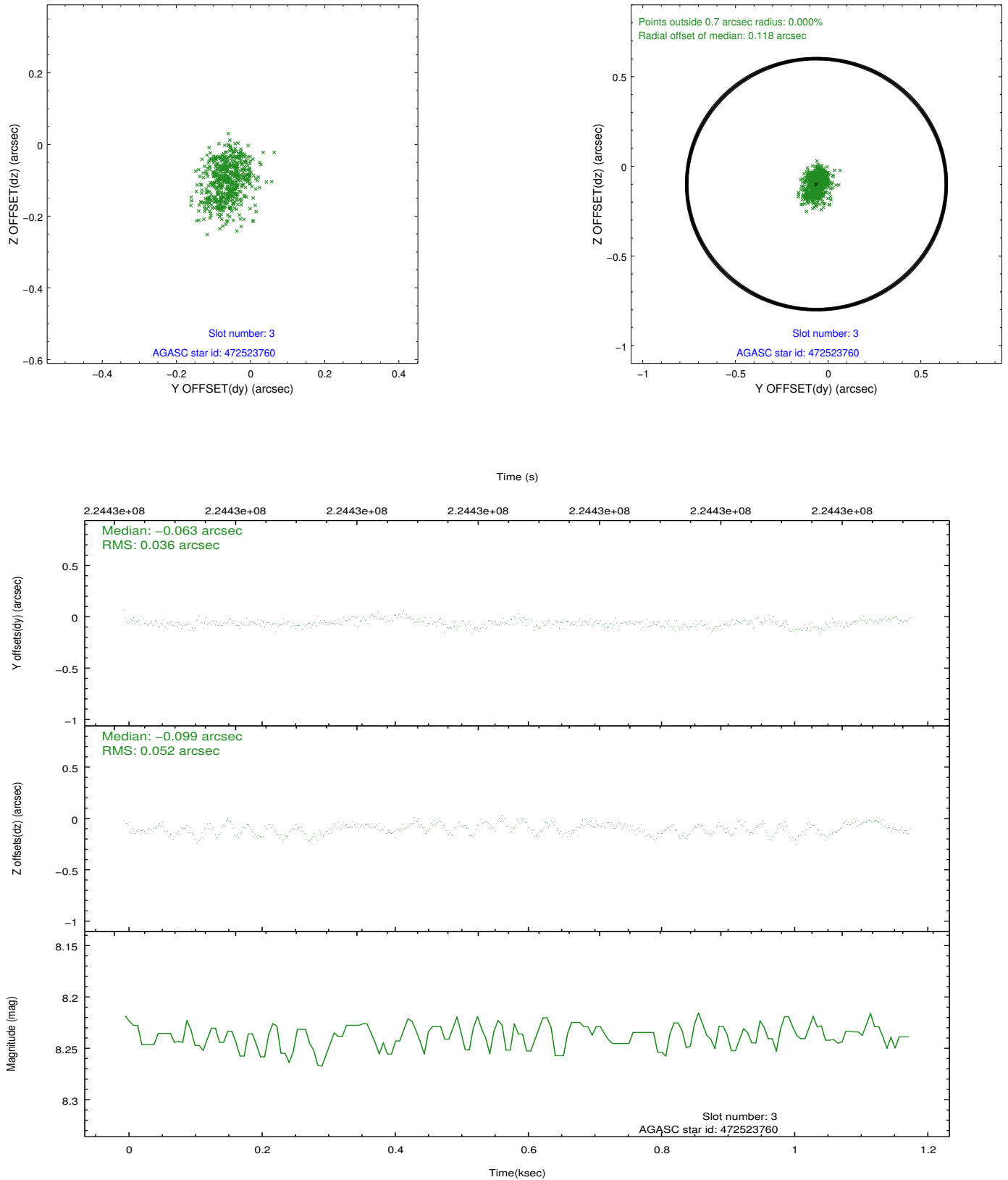


Slot Statistics

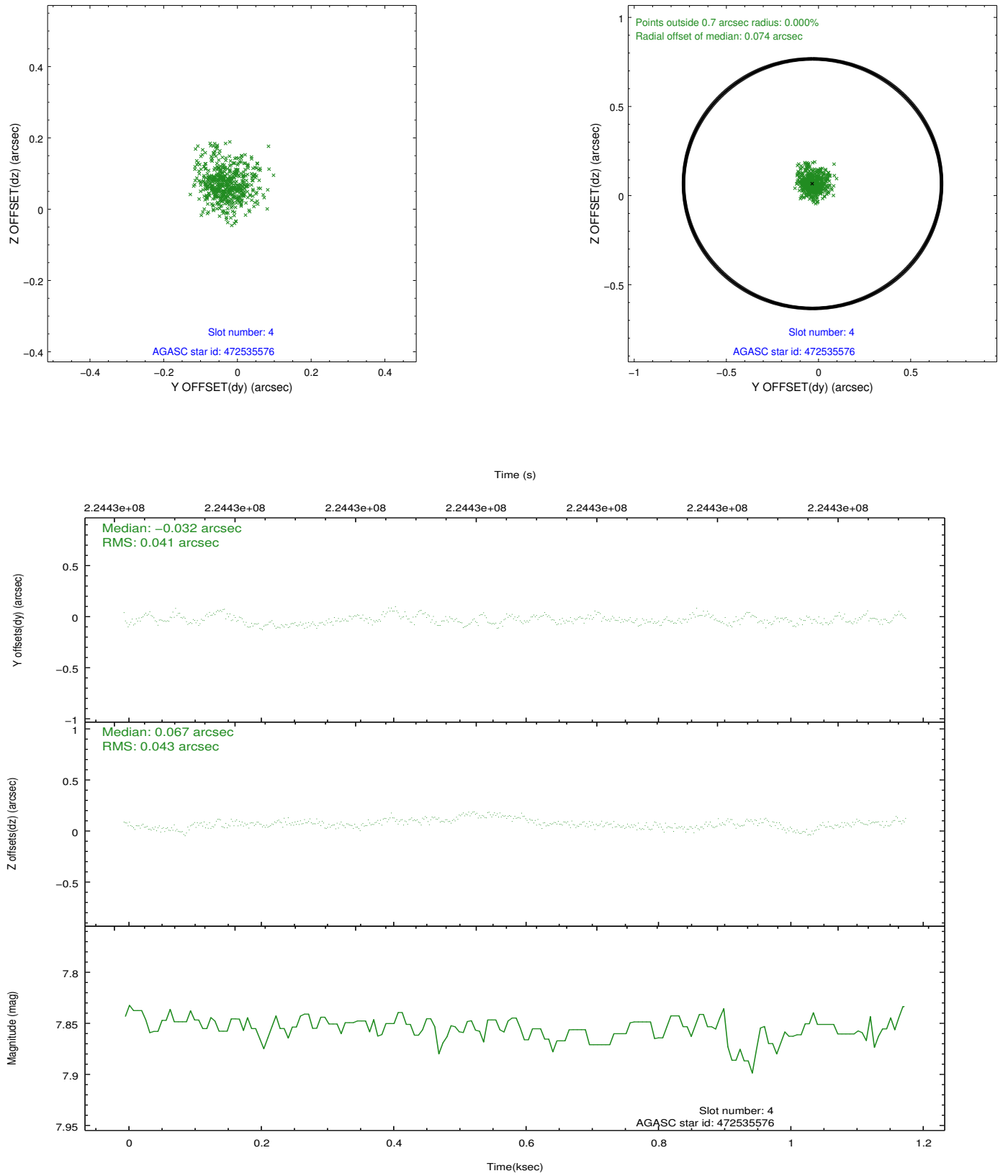
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.04	288	0.117	-0.180	0.008	0.013	0.000000	0.000000	-1160.62	-457.86
1	FID	HRC-S-2	7.03	288	0.170	-0.112	0.004	0.009	0.000000	0.000000	1235.08	-452.03
2	FID	HRC-S-3	7.04	288	0.104	-0.010	0.008	0.013	0.000000	0.000000	-1159.06	570.27
3	GUIDE	472523760	8.24	577	-0.063	-0.099	0.069	0.109	331.645363	45.403260	-1053.95	-1471.29
4	GUIDE	472535576	7.85	577	-0.032	0.067	0.060	0.105	331.438373	46.291802	-2037.25	1614.83
5	GUIDE	472536328	8.14	577	-0.019	0.016	0.073	0.110	331.496671	46.454831	-1981.03	2221.88
6	GUIDE	472655152	9.43	577	0.205	-0.023	0.101	0.165	332.504239	45.862991	826.50	498.83
7	GUIDE	472665256	9.02	576	-0.087	0.024	0.085	0.146	332.808125	46.195041	1389.43	1797.56

2.4 Star Slots

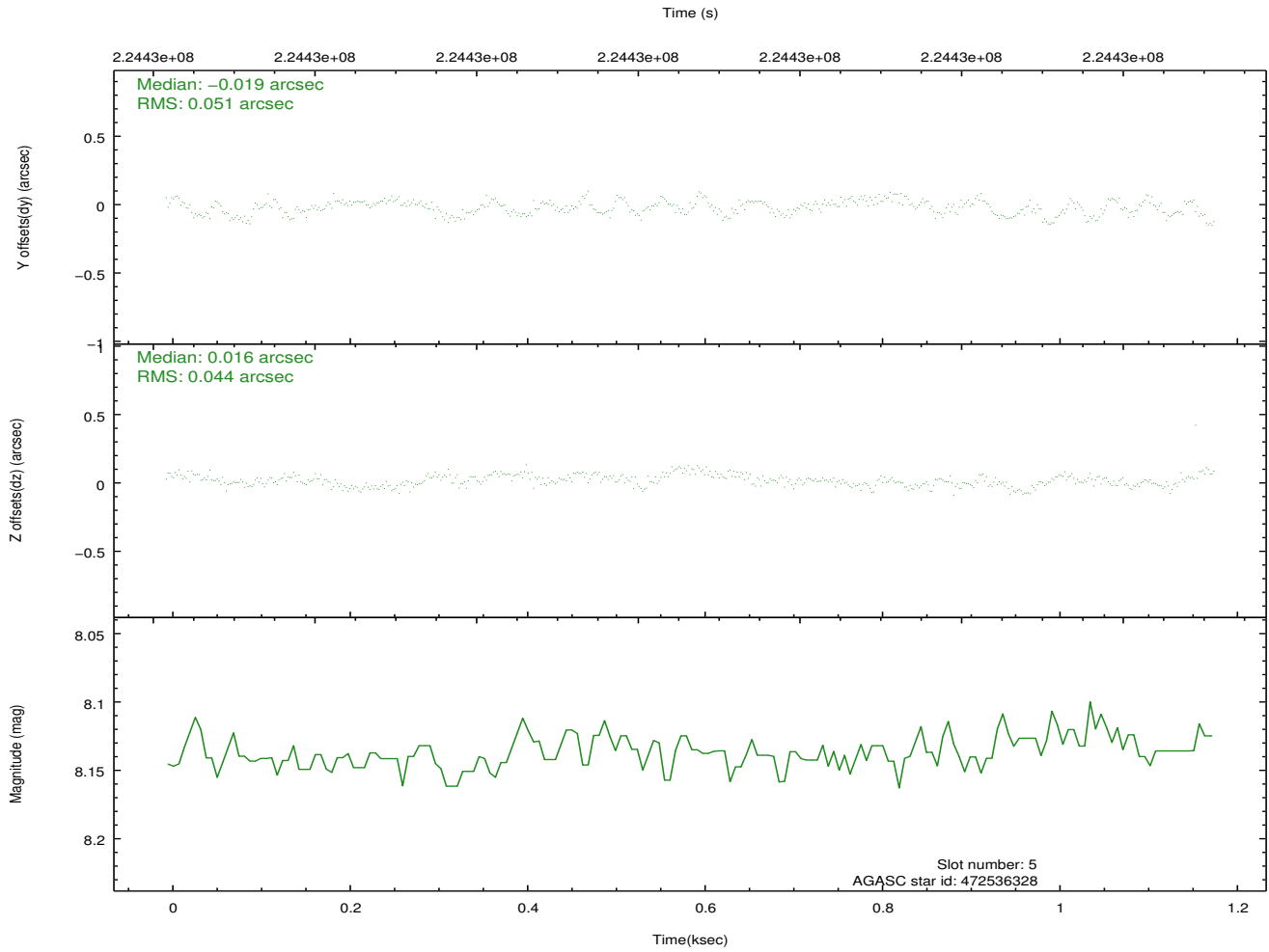
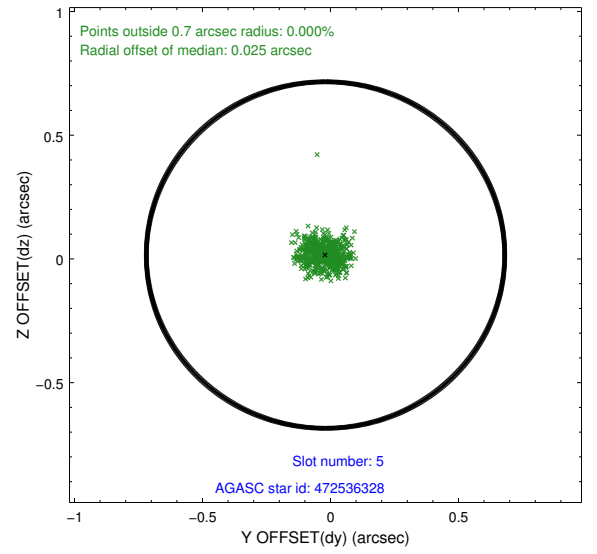
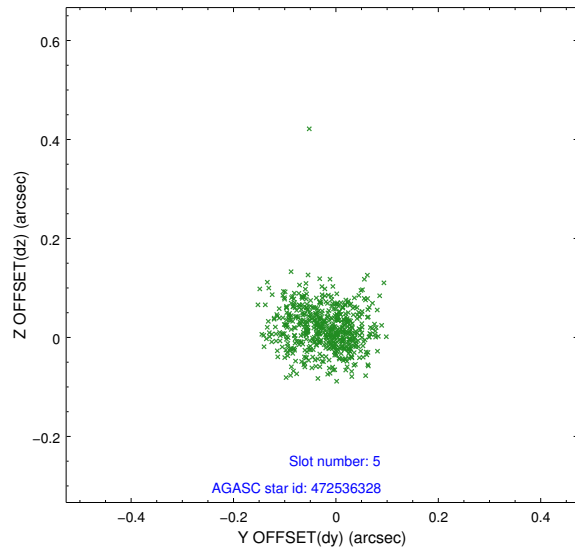
2.4.1 Slot 3



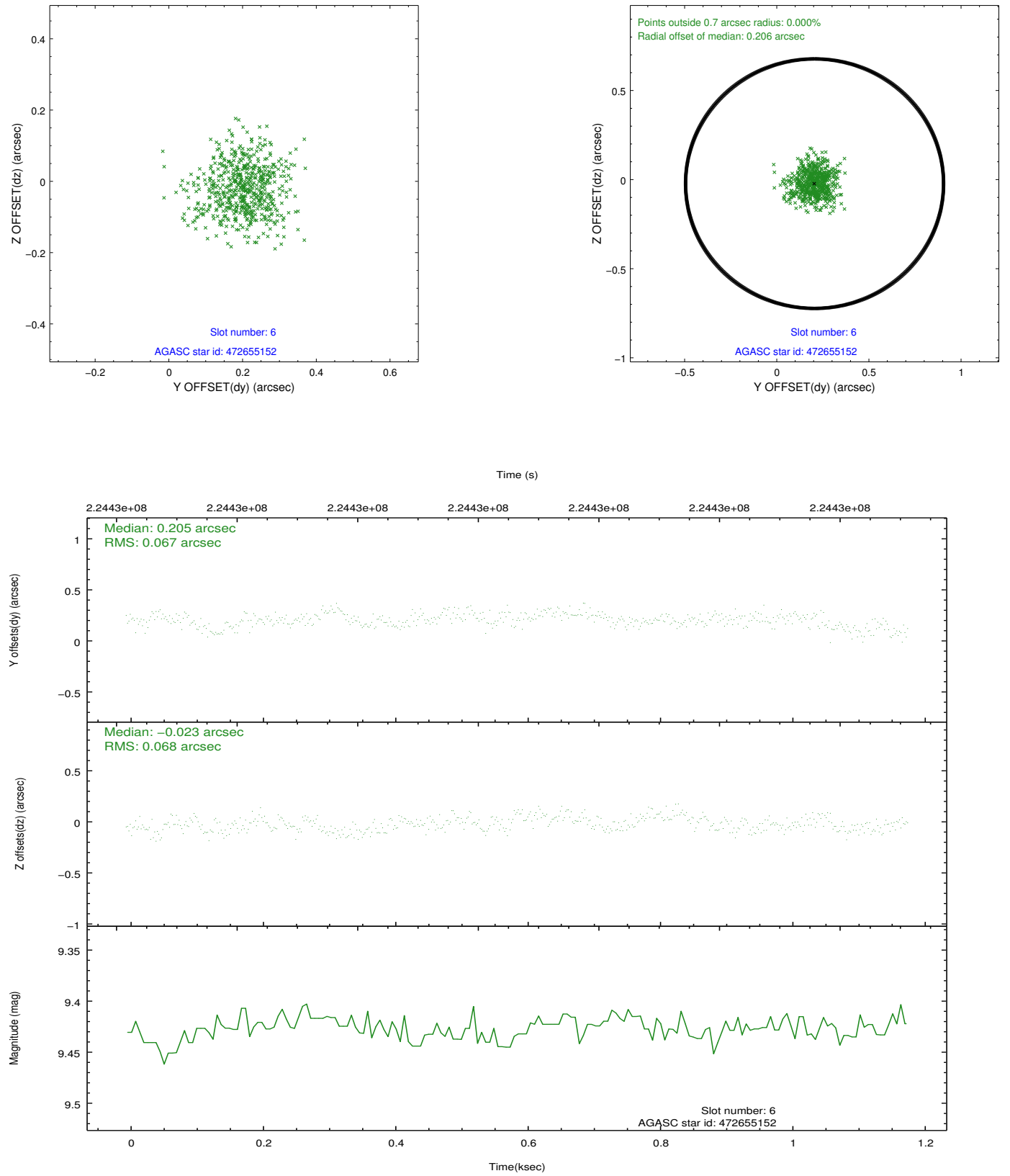
2.4.2 Slot 4



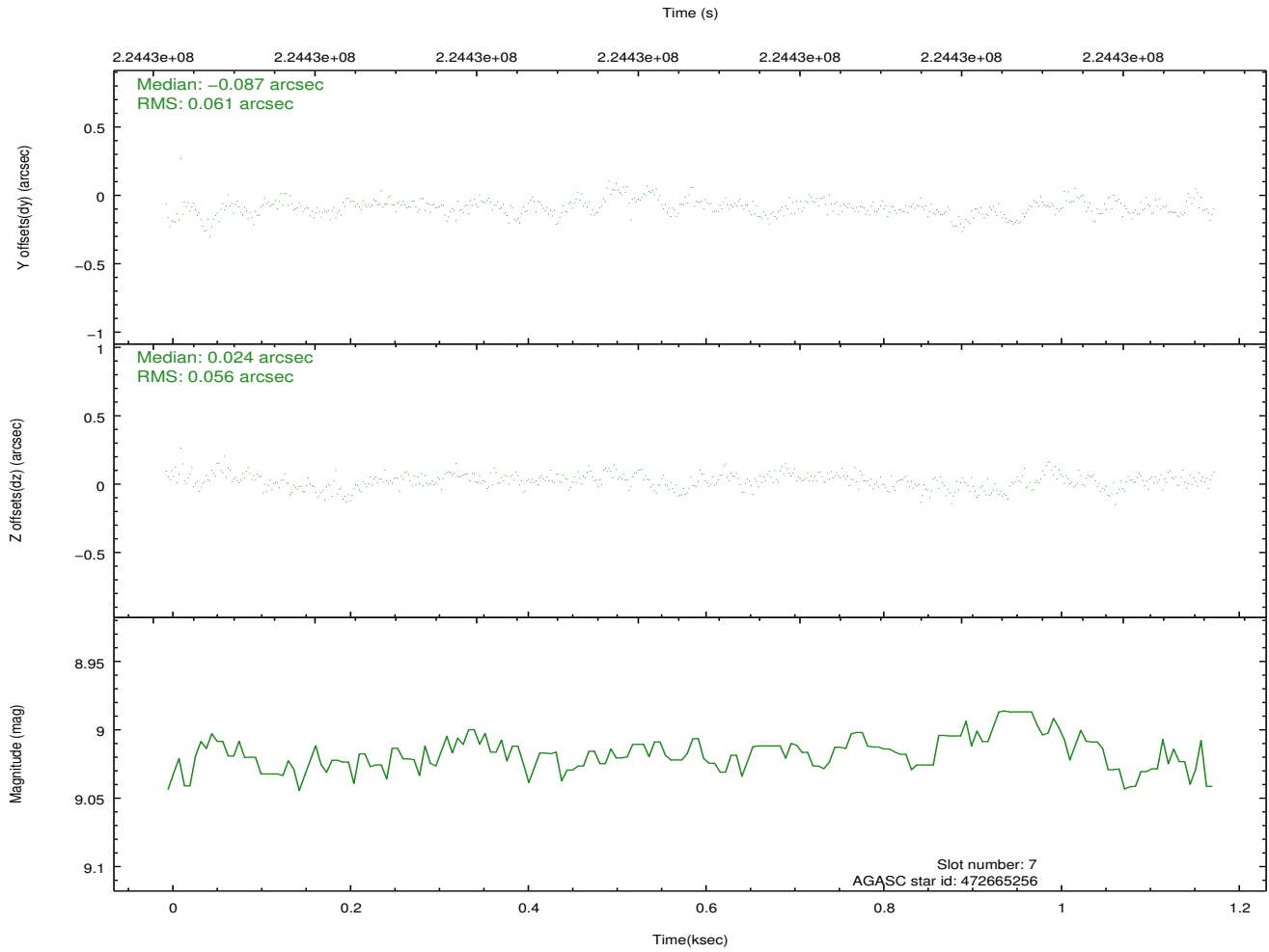
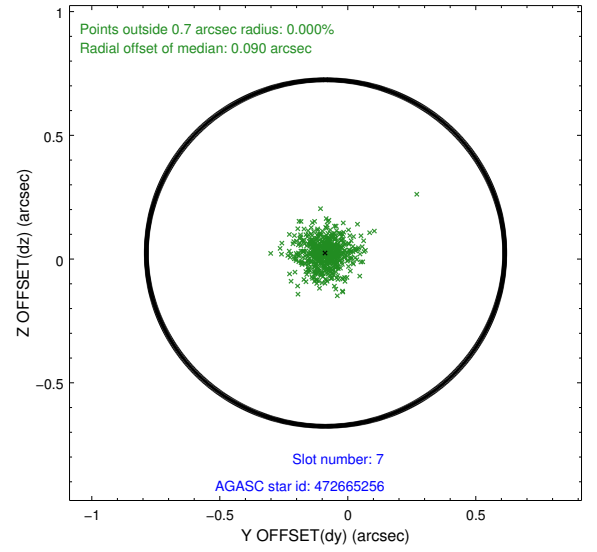
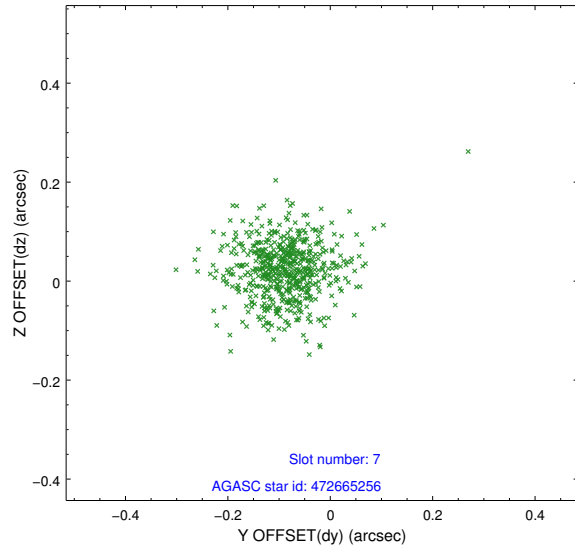
2.4.3 Slot 5



2.4.4 Slot 6

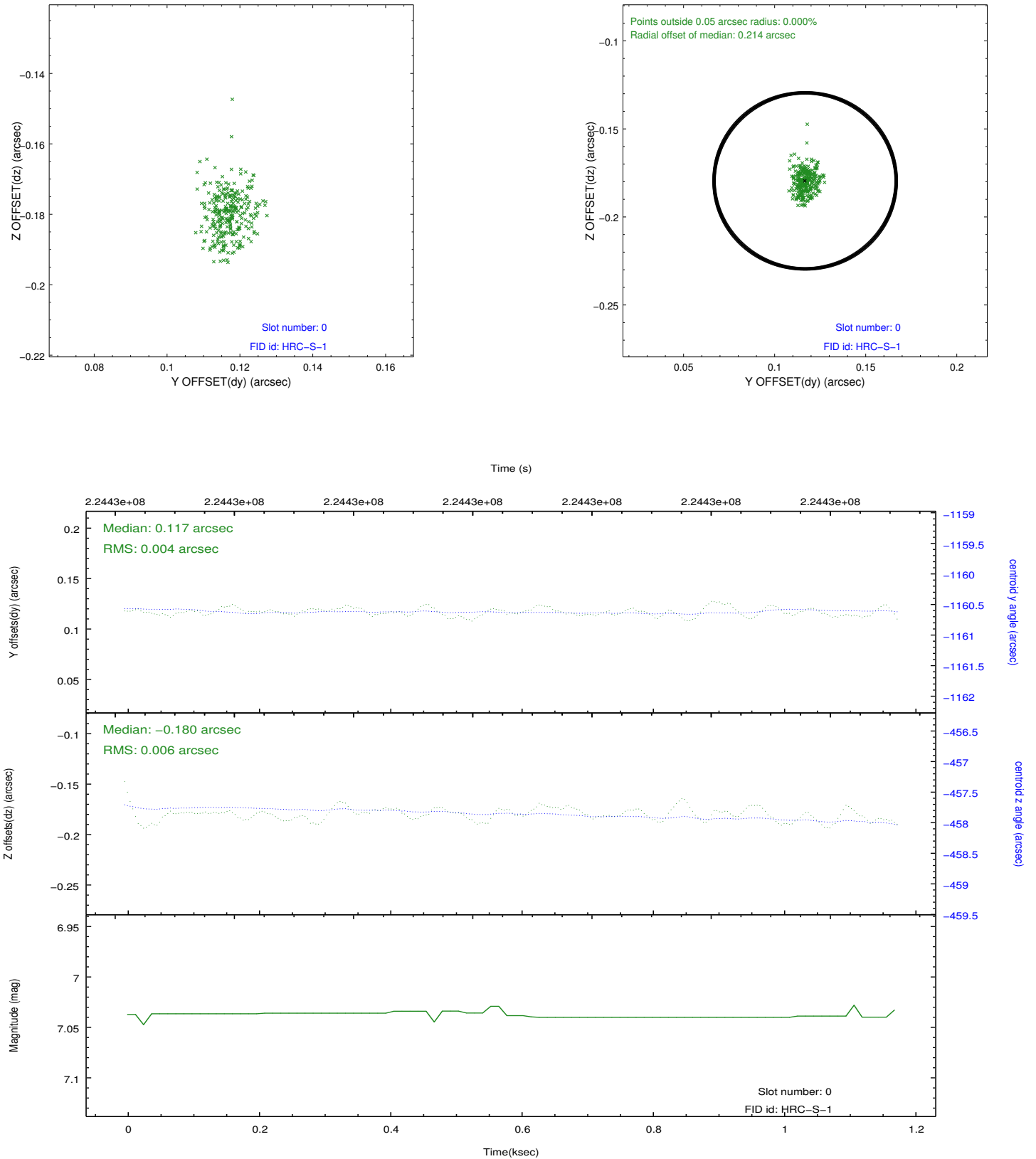


2.4.5 Slot 7

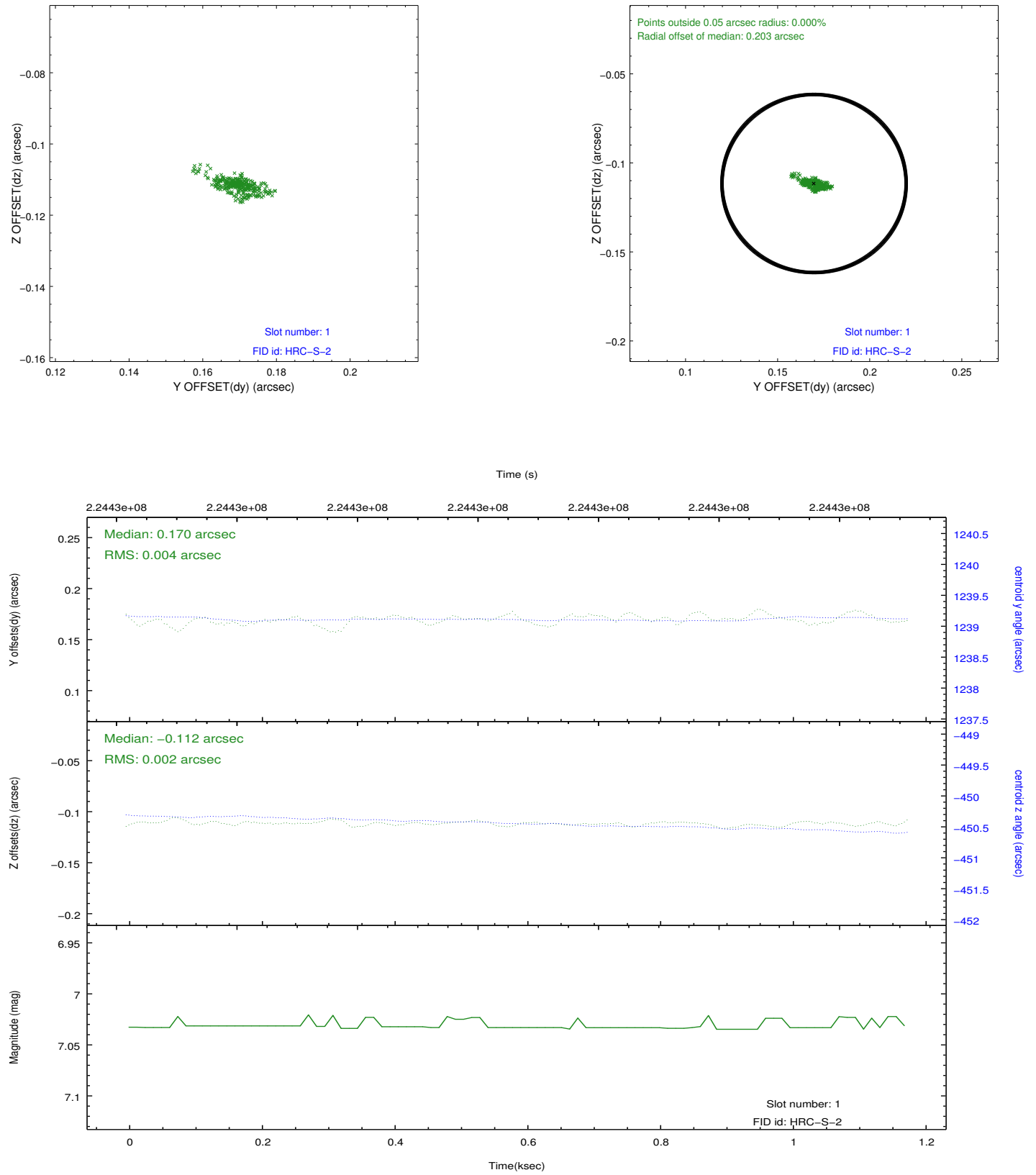


2.5 FID Slots

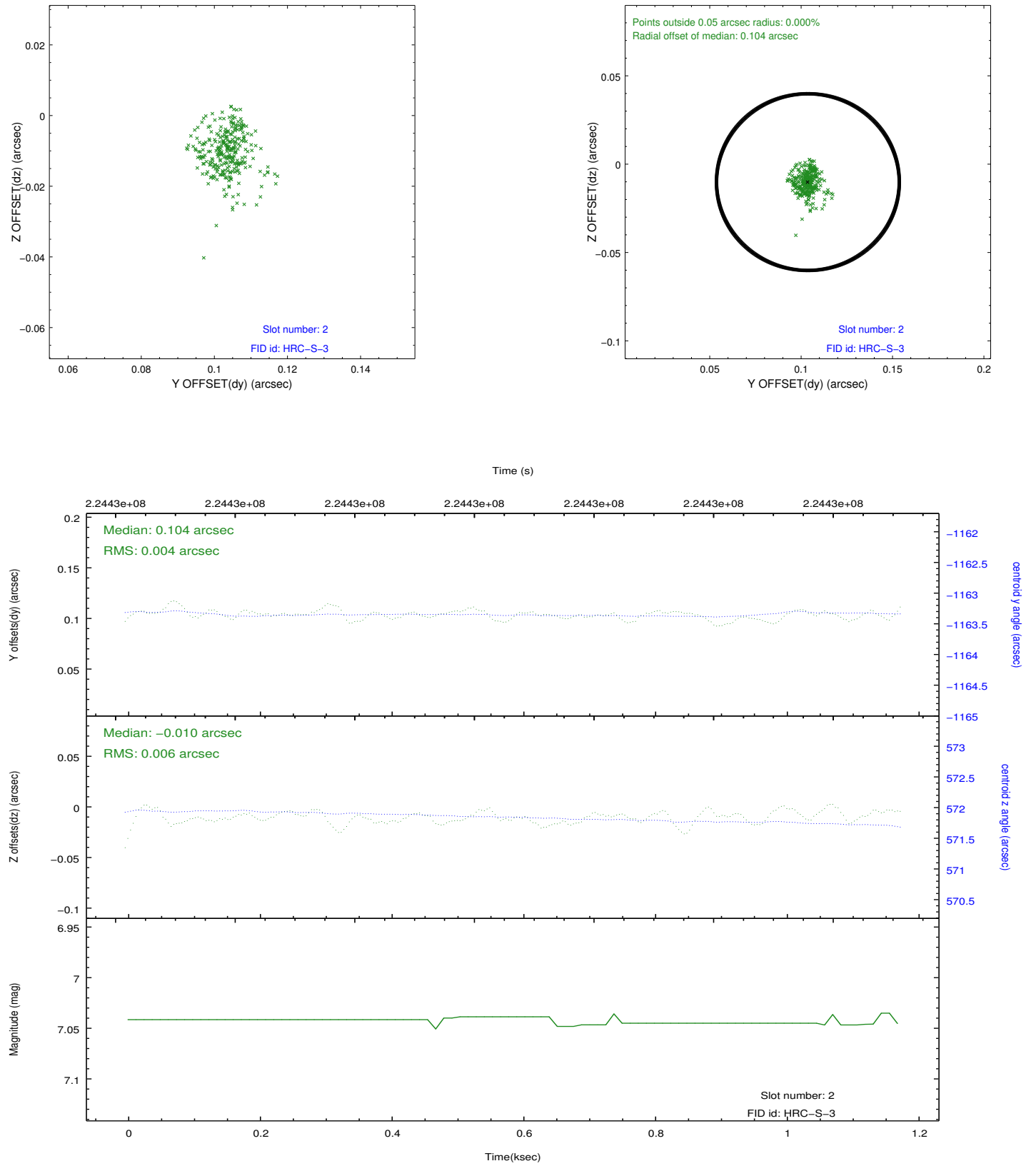
2.5.1 Slot 0



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)	2013.01.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.151331

A.2 Comments