

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 6005 - L2 Version 3
Chandra X-Ray Center

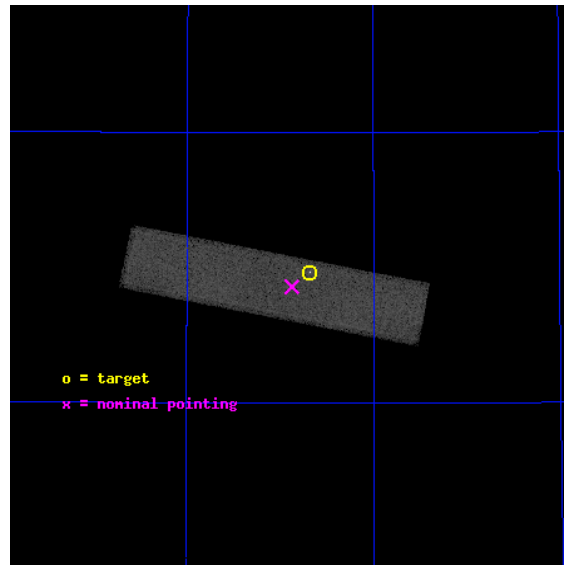
L2 Processing Date : Mar 18 2013

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1 Front

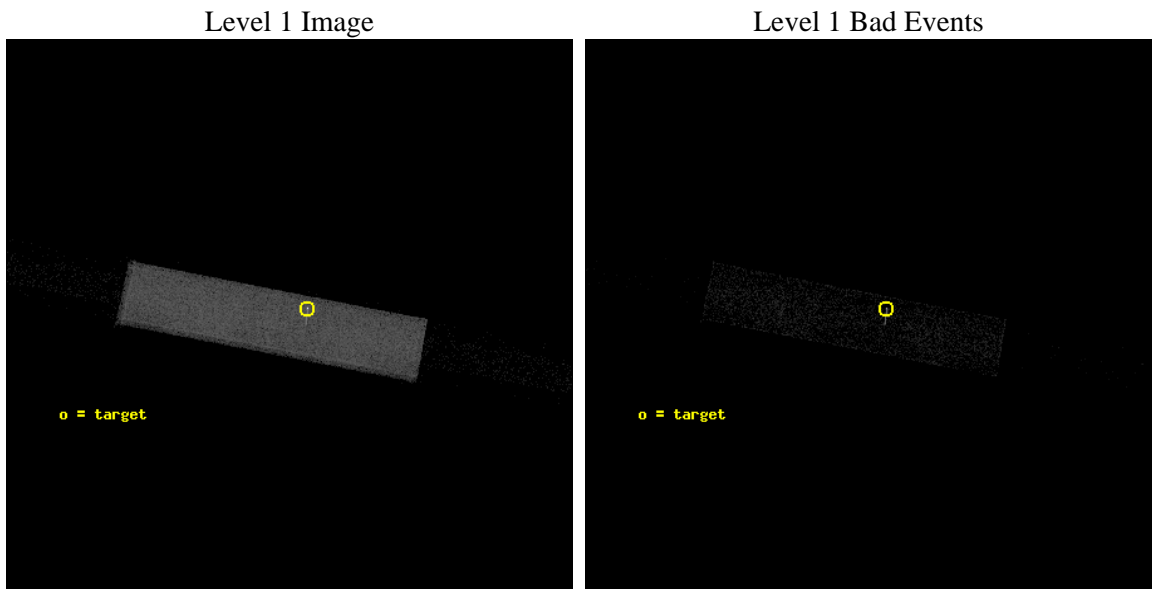
seq_num	290497	Sequence number
obs_id	6005	Observation id
title	AO6B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.21856245712	Nominal RA [deg]
dec_nom	45.71539522373	Nominal Dec [deg]
roll_nom	190.91873336401	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1149.2813027799	[s]
livetime	1139.1782604224	Ontime multiplied by DTCOR
l2events	73909	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	8.5.1.1	Processing system revision	ontime	1149.2813027799	[s]
caldsver	4.5.5	 	l1events	119437	Number of level 1 events
date	2012-12-28T18:49:01	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

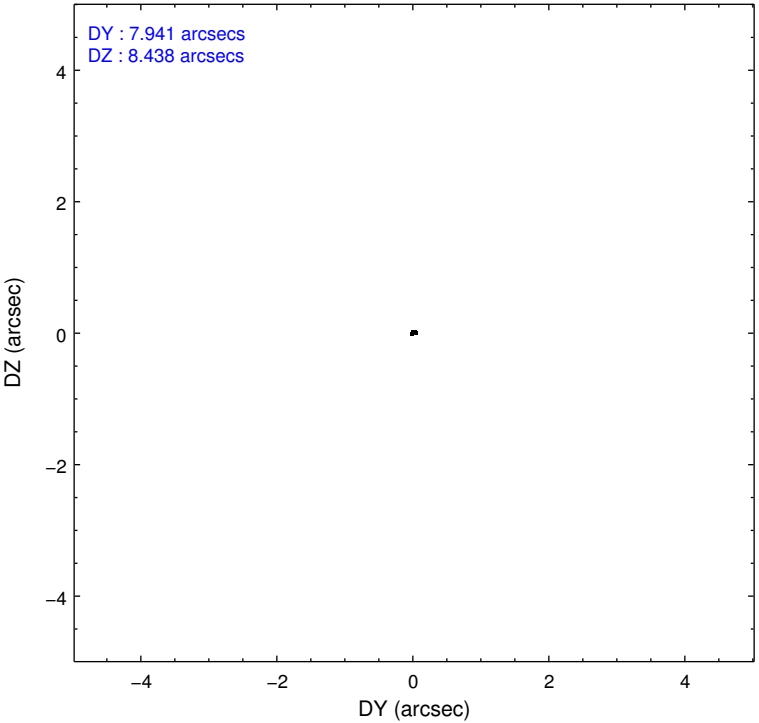
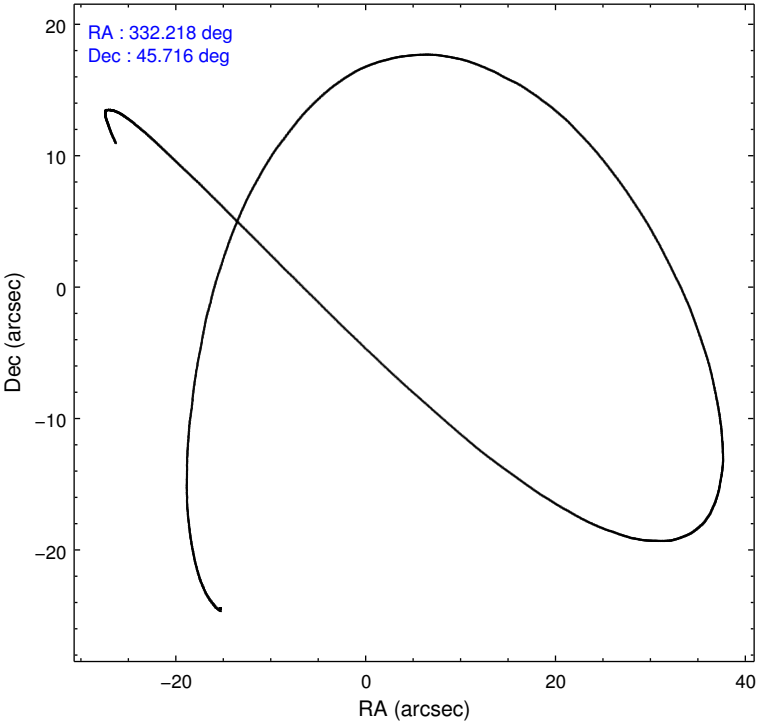
Level 1 Events

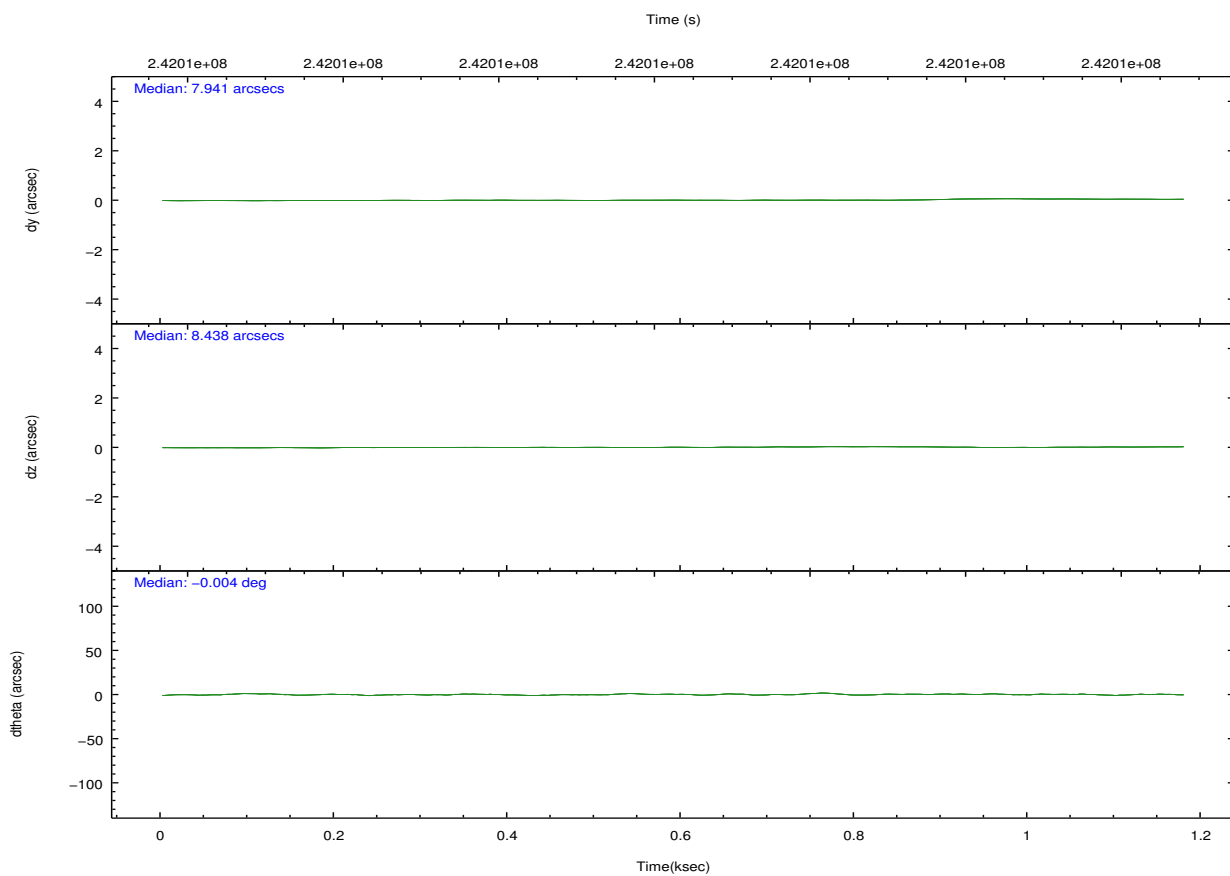
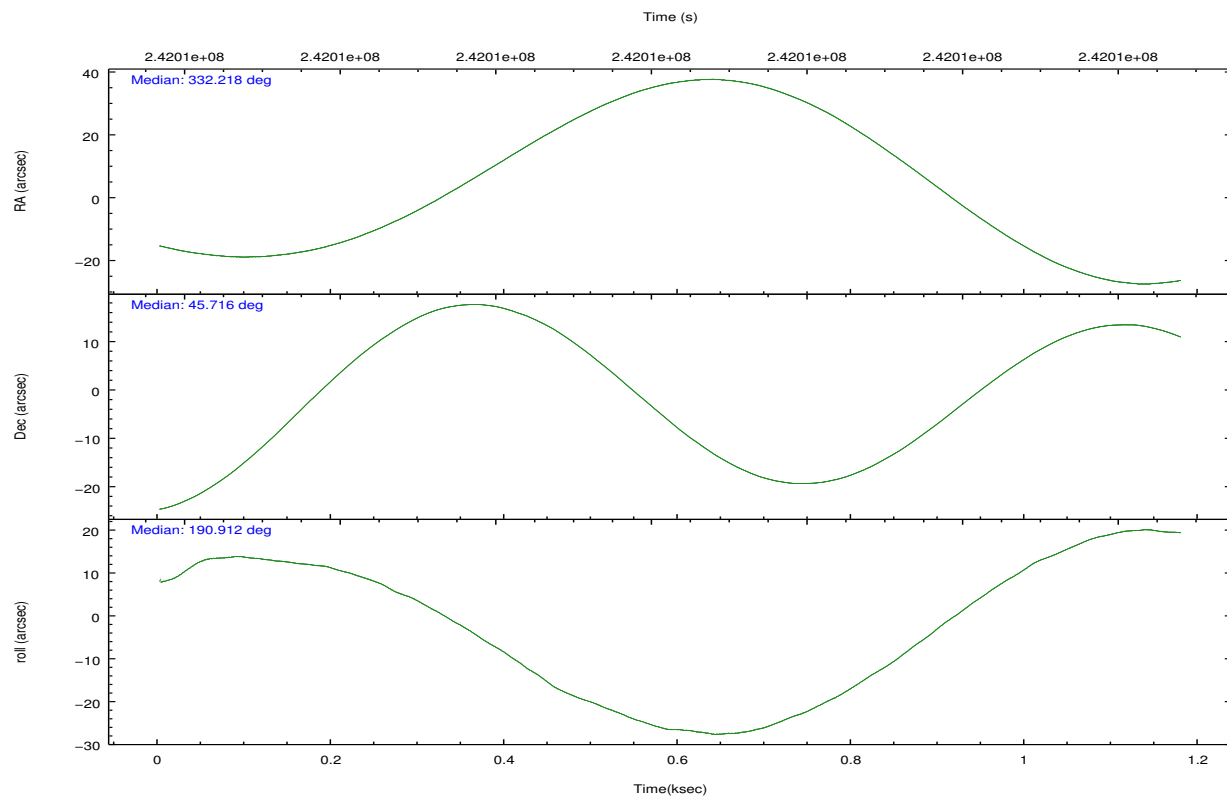
	segment 1	segment 2	segment 3
level 1 events	840	117737	860
rejected events	840	31605	860
rejected %	100%	26%	100%

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	332.248875	332.2185624571227			
[deg] Pointing Dec	45.734872	45.7153952237304			
[deg] Pointing Roll	190.829698	190.9187333640117			
[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)	242005814.184000	242005438.44628			
Observation start date	2005-09-01T23:49:10	2005-09-01T23:43:58			
[s] Observation end time (MET)	242006814.184000	242006948.27135			
Observation end date	2005-09-02T00:05:50	2005-09-02T00:09:08			

2.3 Aspect



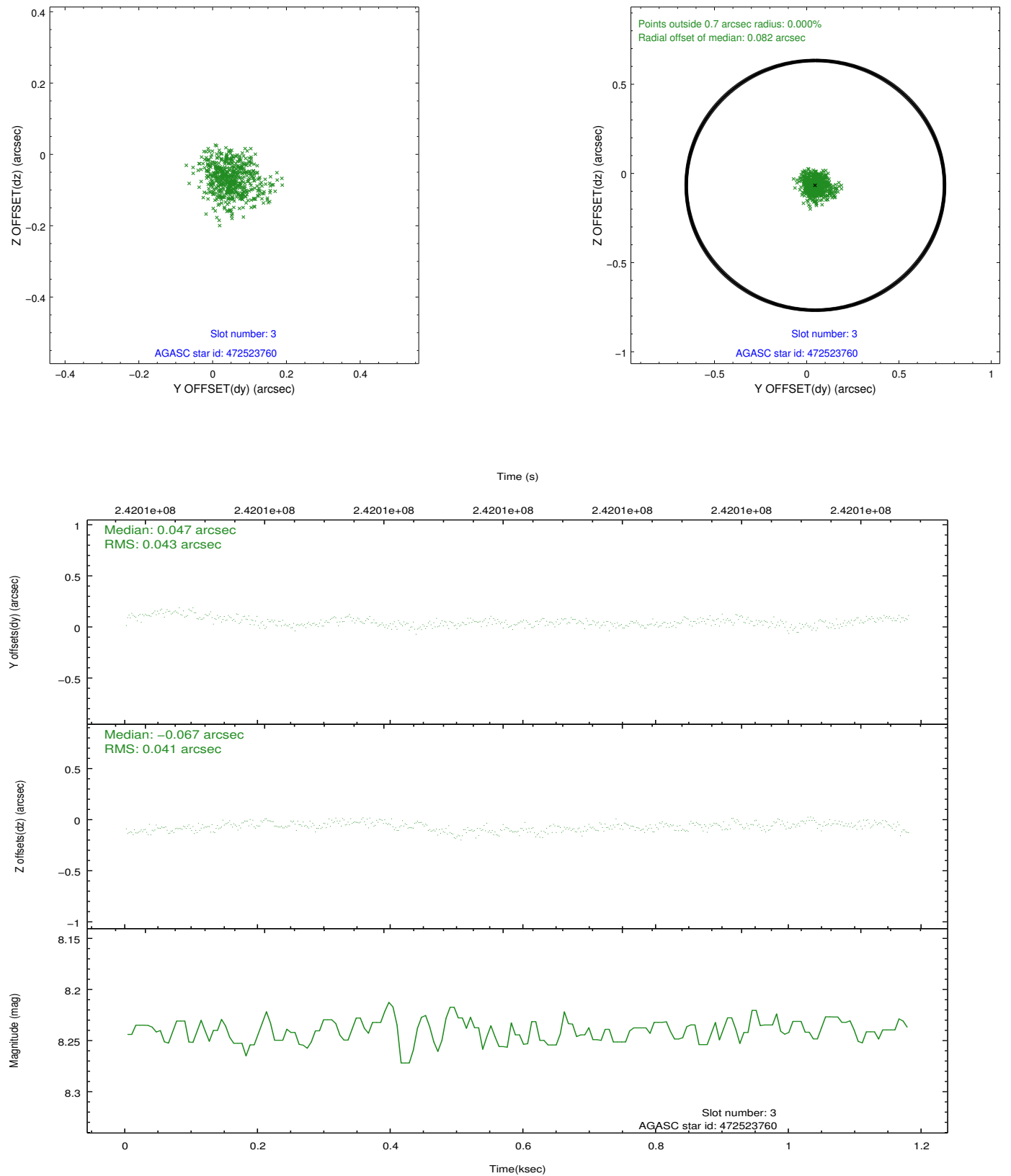


Slot Statistics

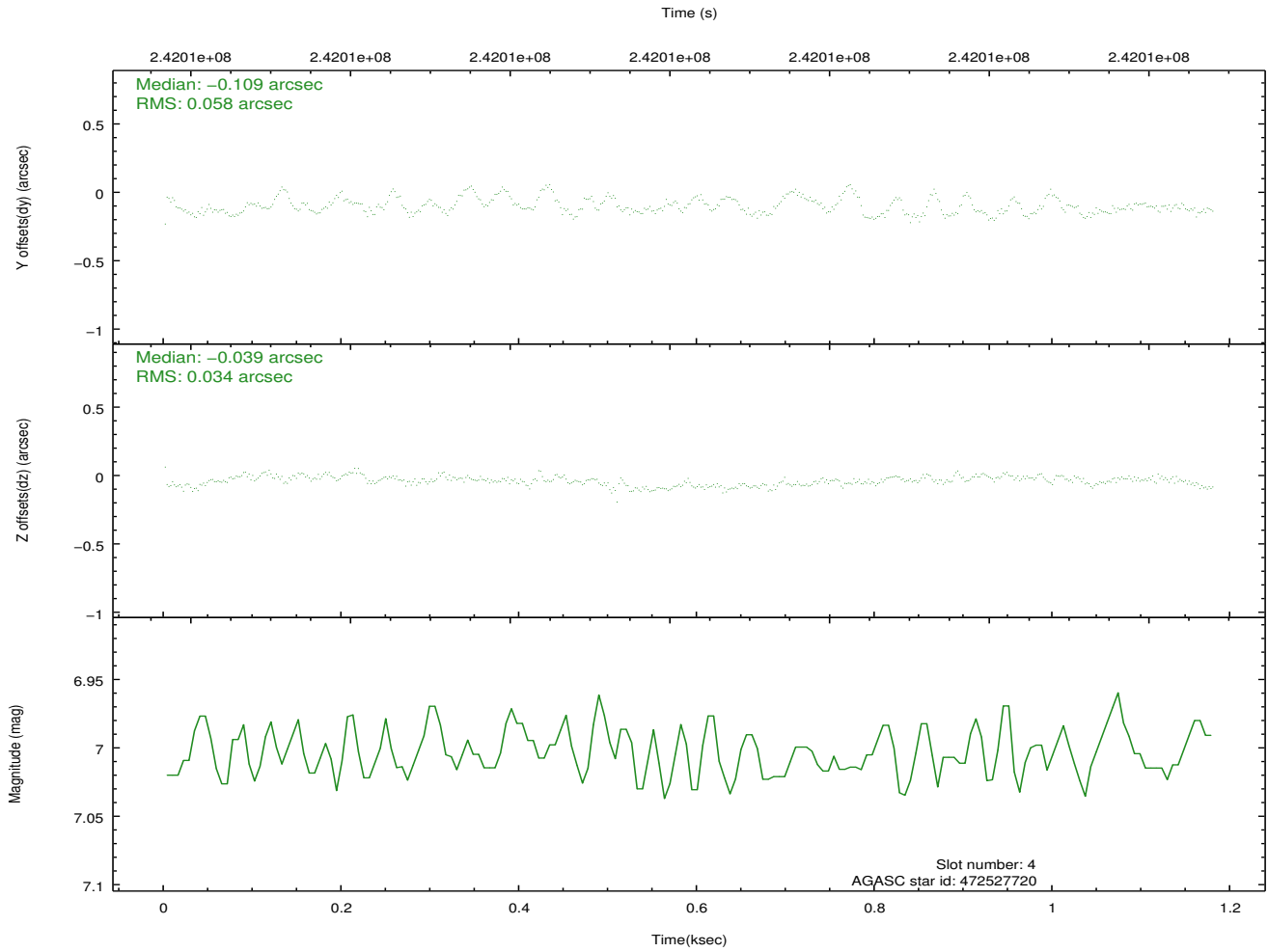
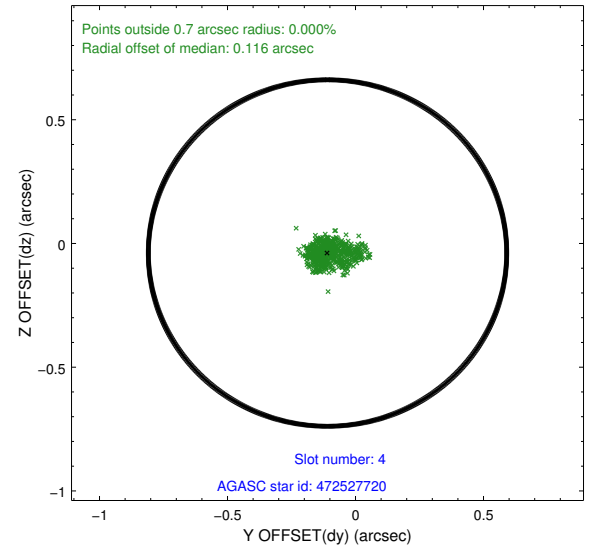
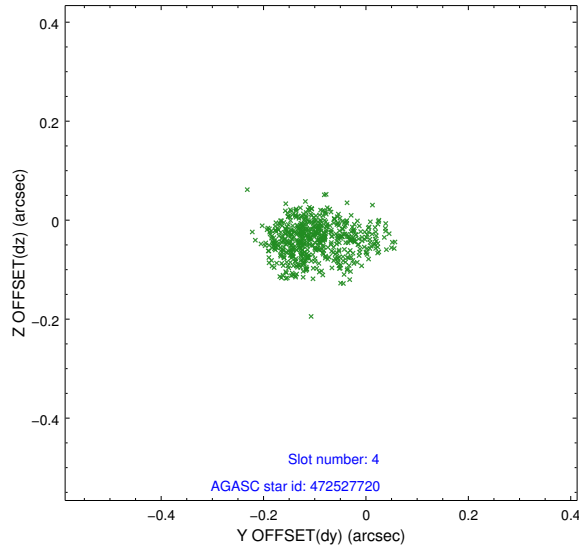
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.04	288	0.141	-0.151	0.006	0.011	0.000000	0.000000	-1162.11	-457.08
1	FID	HRC-S-2	7.03	288	0.159	-0.118	0.004	0.007	0.000000	0.000000	1233.55	-451.26
2	FID	HRC-S-3	7.04	288	0.089	-0.034	0.007	0.011	0.000000	0.000000	-1160.61	571.00
3	GUIDE	472523760	8.24	576	0.047	-0.067	0.063	0.104	331.645363	45.403260	1720.20	881.99
4	GUIDE	472527720	7.00	576	-0.109	-0.039	0.070	0.123	331.460205	45.112509	2388.54	1817.86
5	GUIDE	472535576	7.87	576	-0.094	0.099	0.074	0.132	331.438373	46.291802	1604.77	-2353.20
6	GUIDE	472665256	9.00	576	0.182	0.003	0.088	0.147	332.808125	46.195041	-1679.14	-1372.90
7	GUIDE	472533912	9.16	575	-0.043	0.023	0.102	0.162	331.791136	46.368695	683.63	-2458.79

2.4 Star Slots

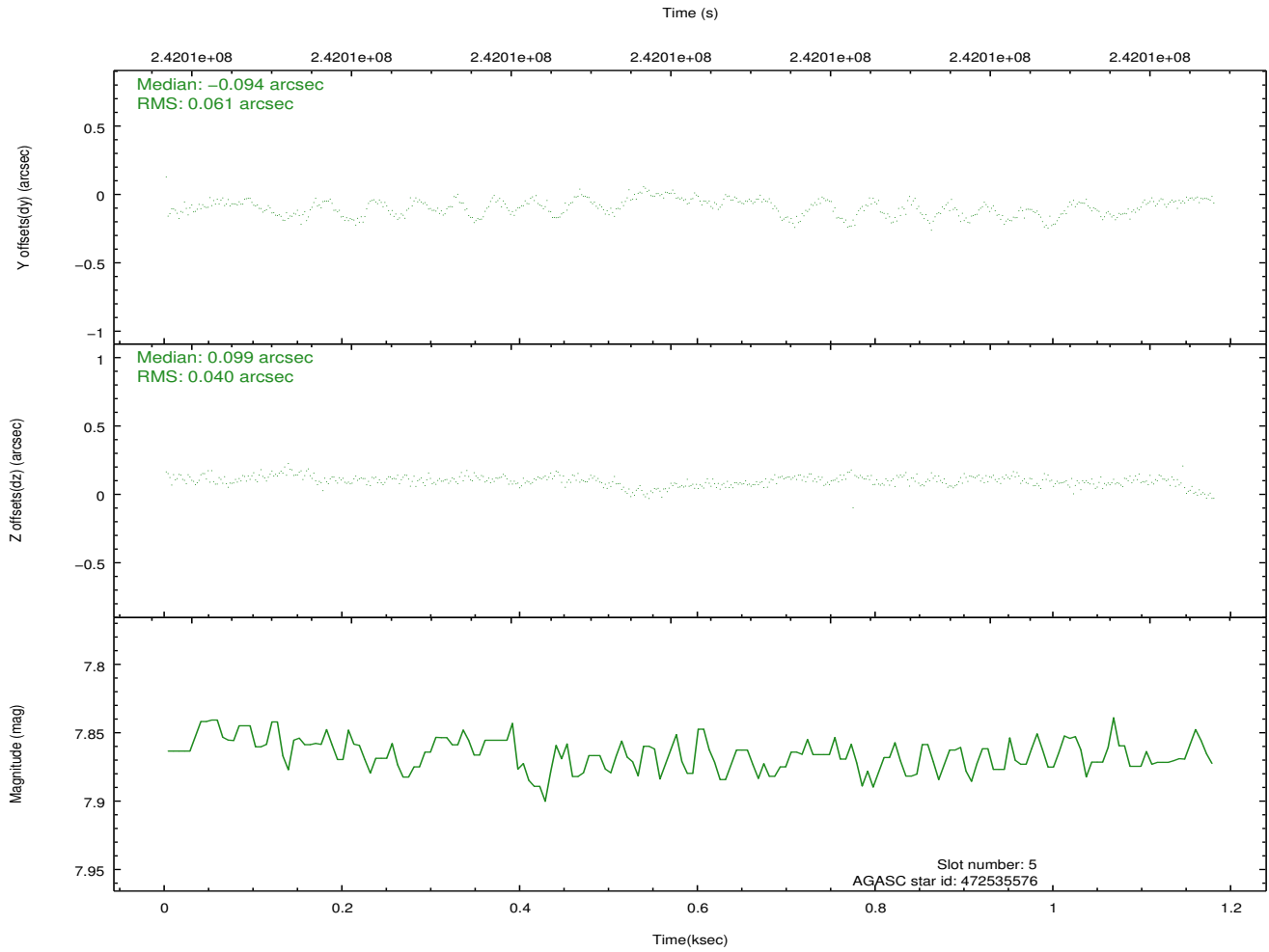
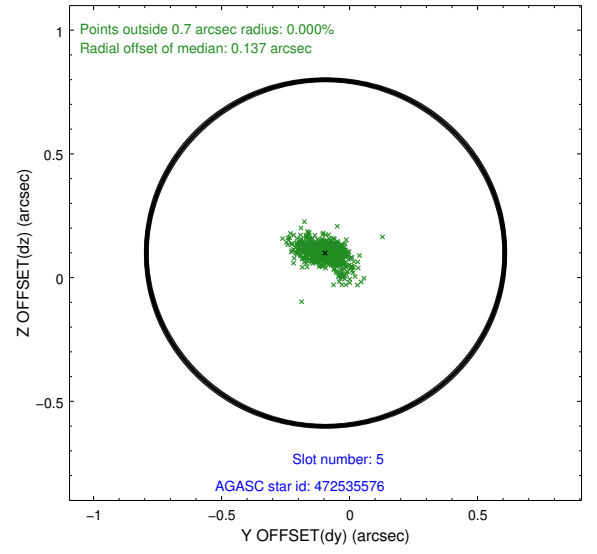
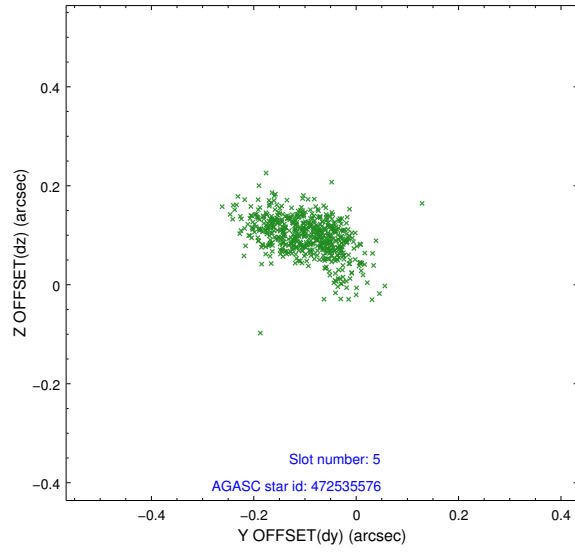
2.4.1 Slot 3



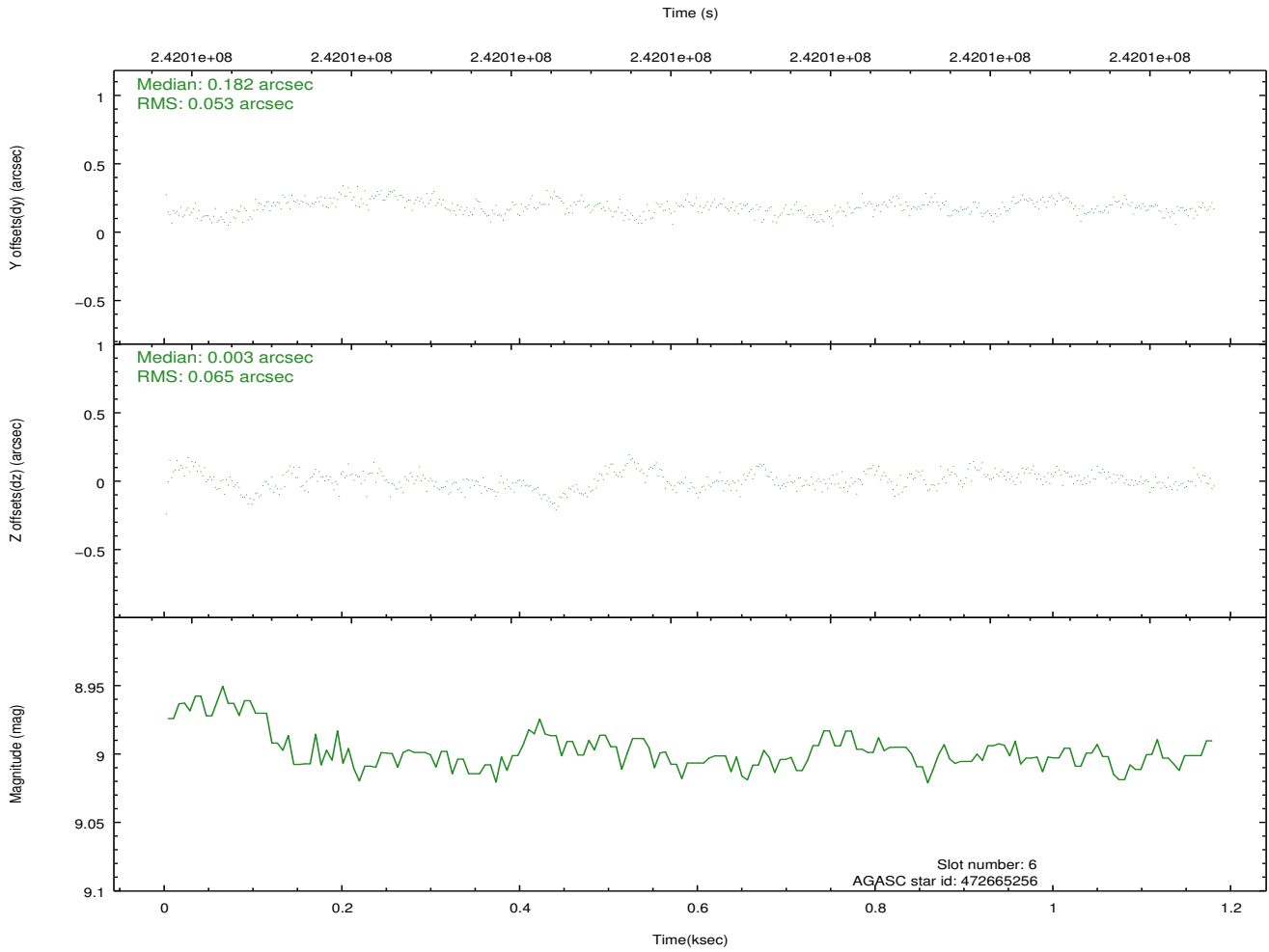
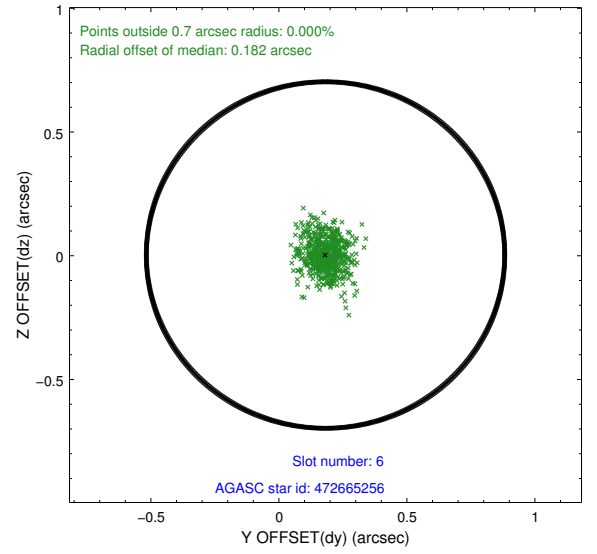
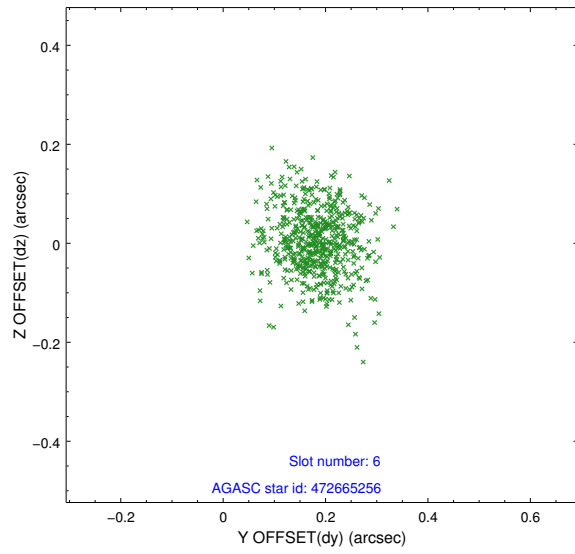
2.4.2 Slot 4



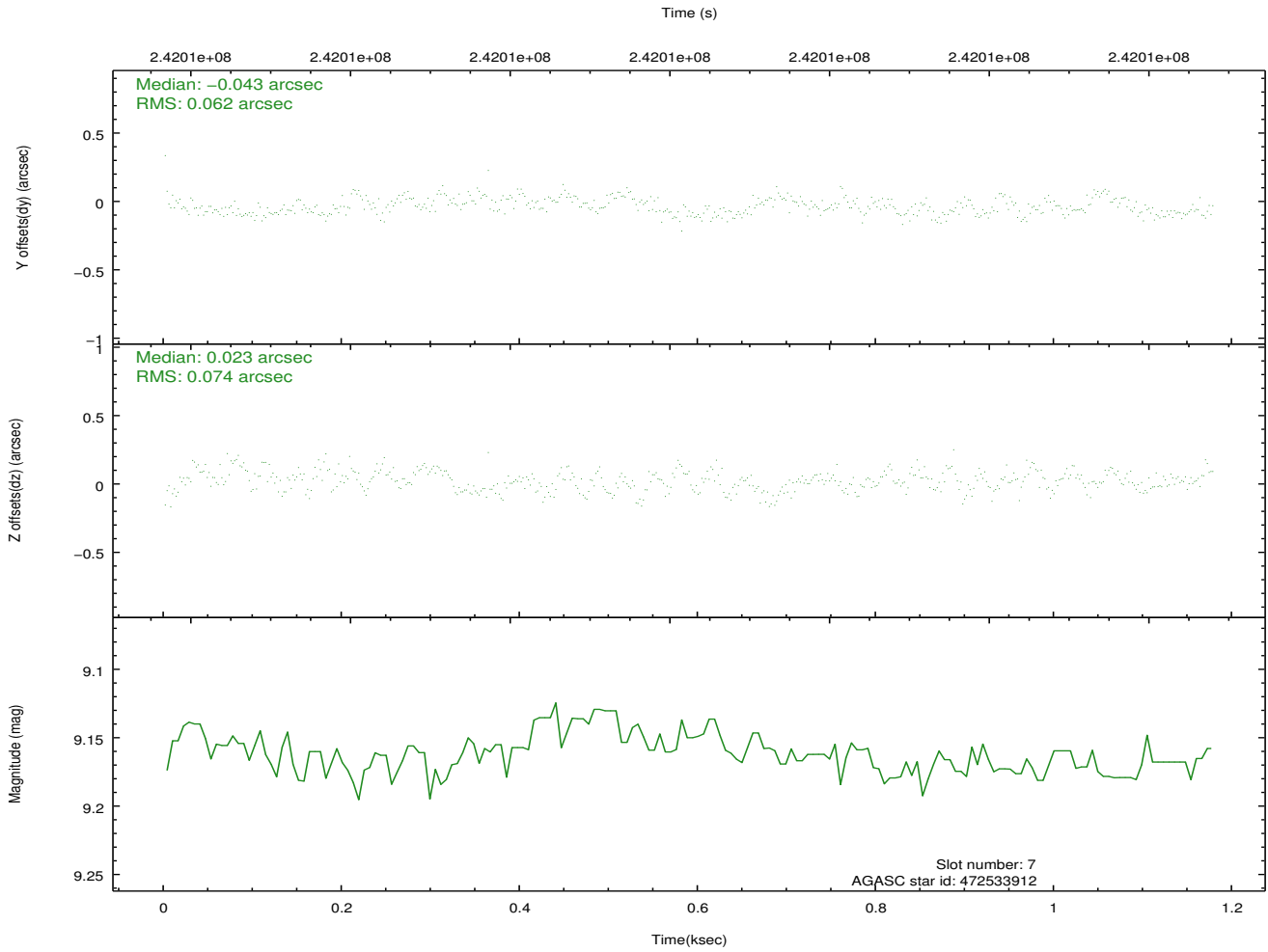
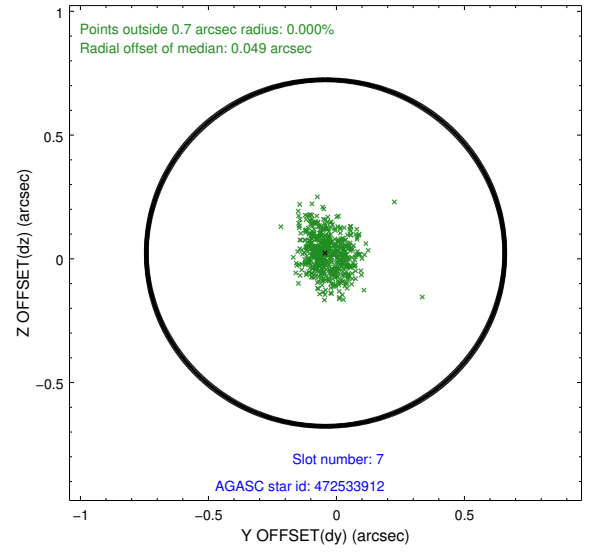
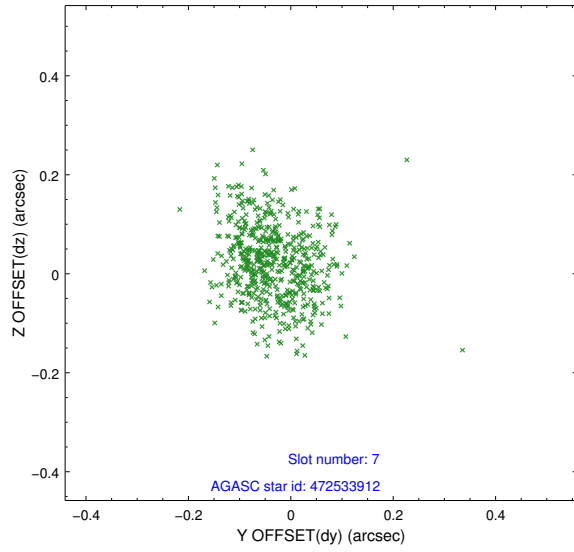
2.4.3 Slot 5



2.4.4 Slot 6

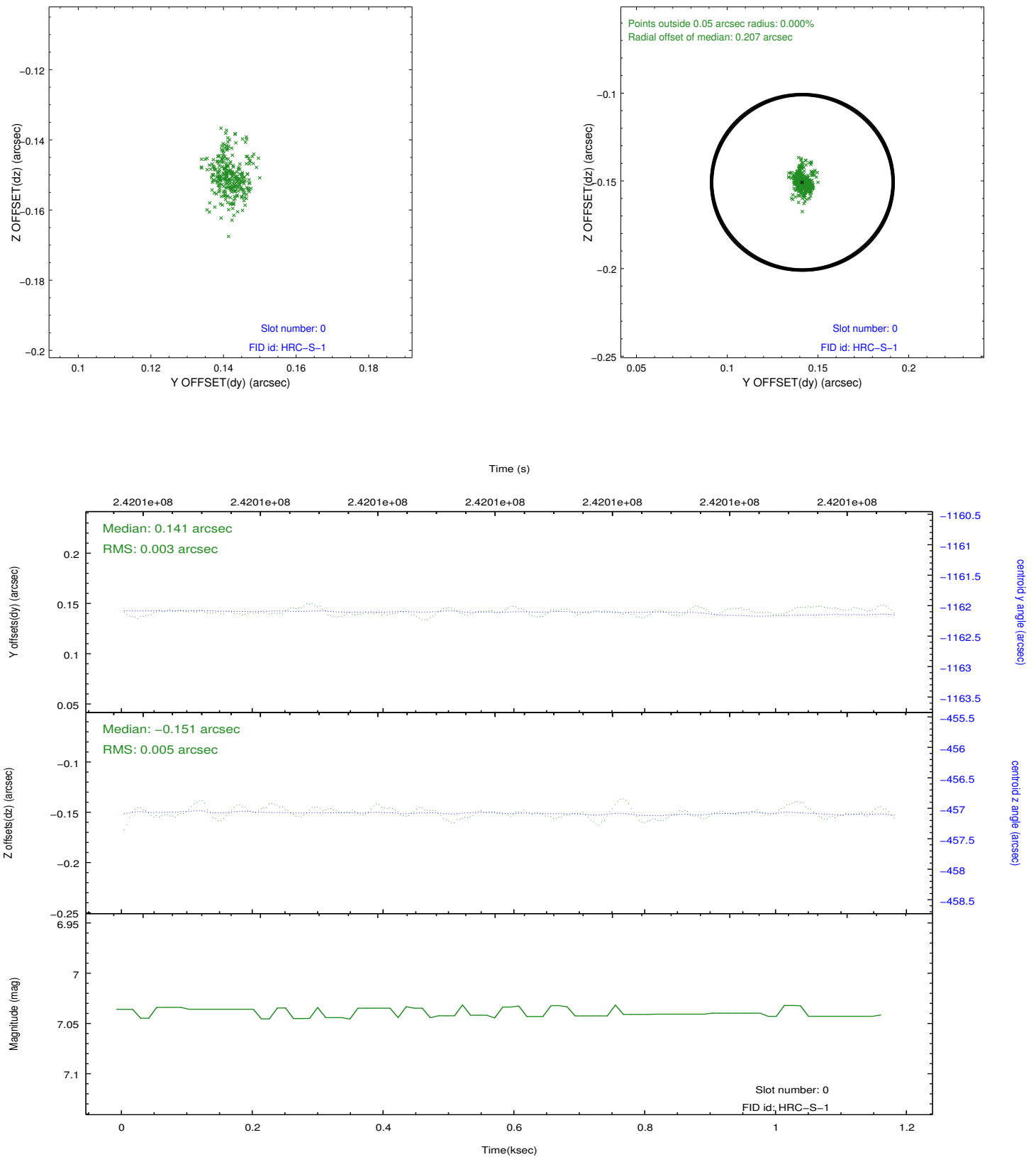


2.4.5 Slot 7

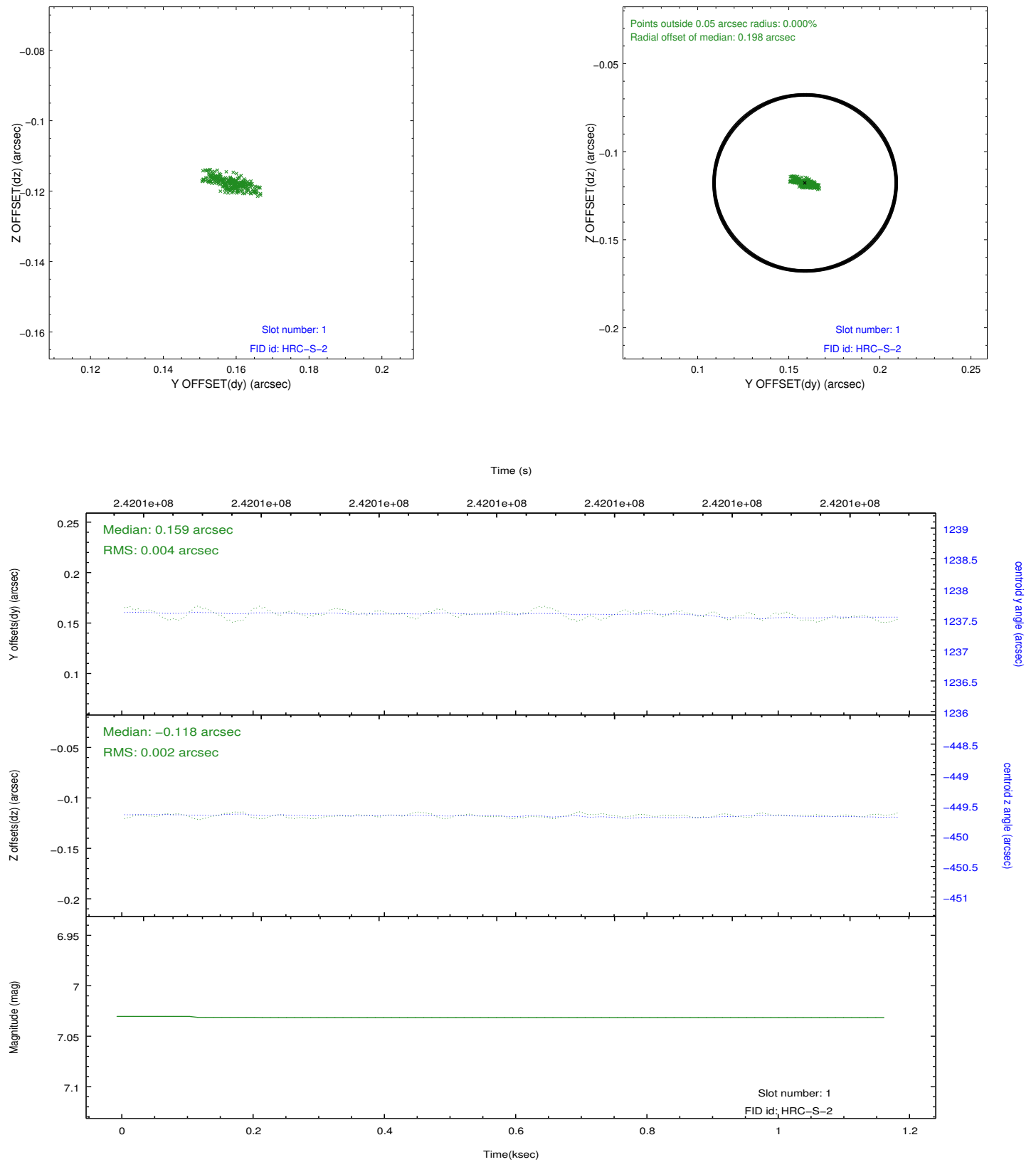


2.5 FID Slots

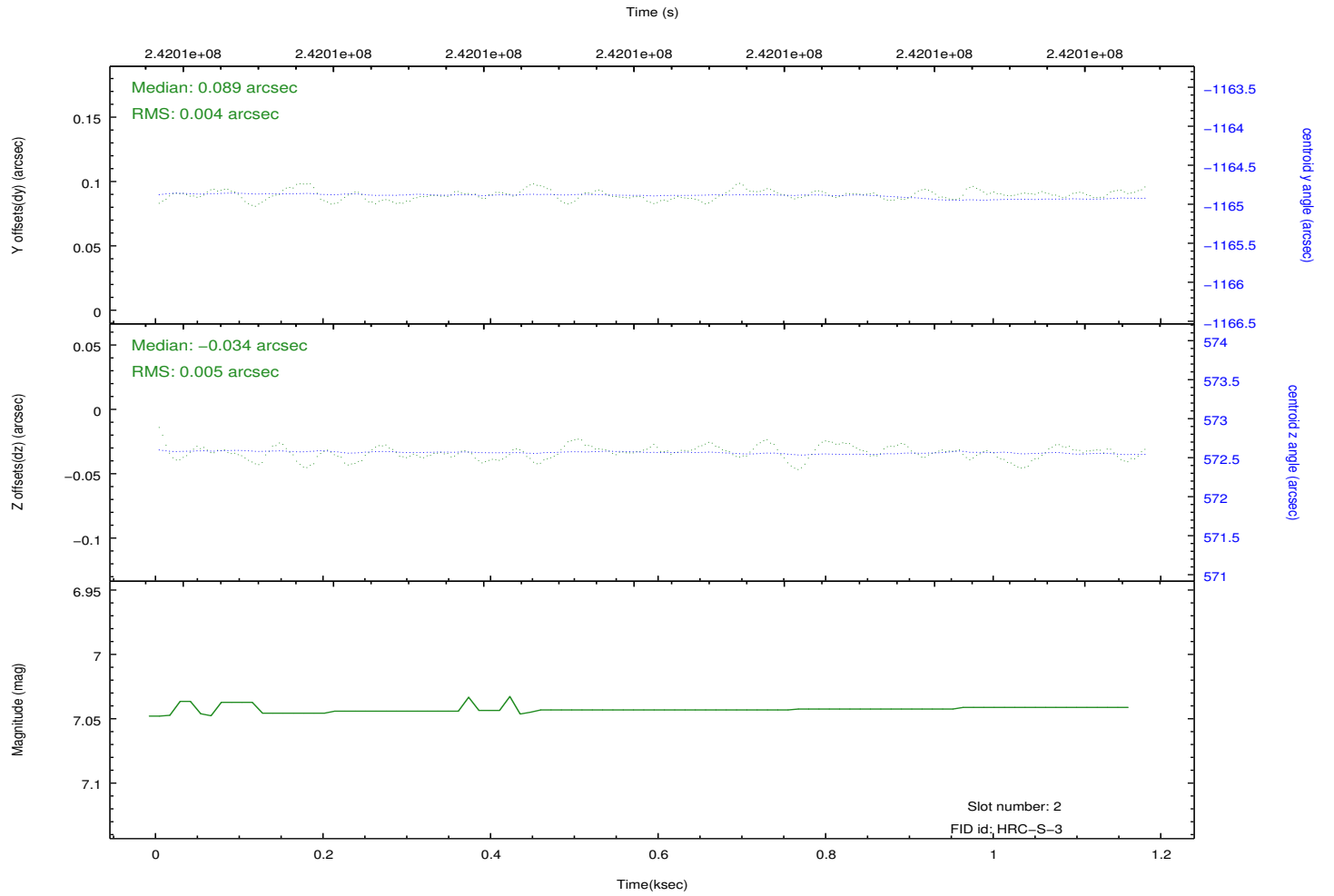
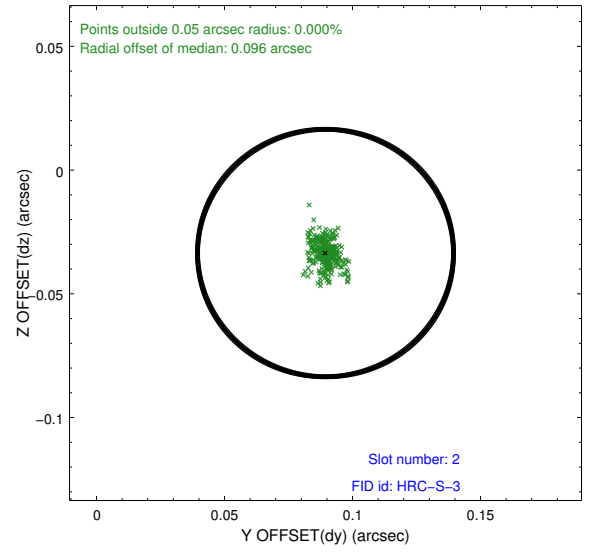
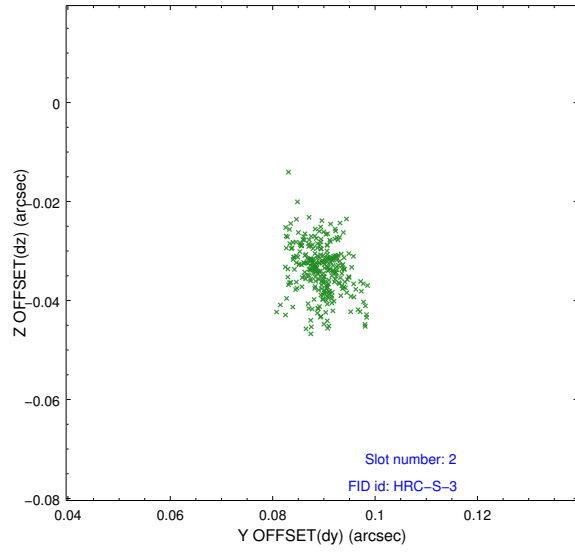
2.5.1 Slot 0



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)	2013.03.19
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	1.149281

A.2 Comments