

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 6027 - L2 Version 3
Chandra X-Ray Center

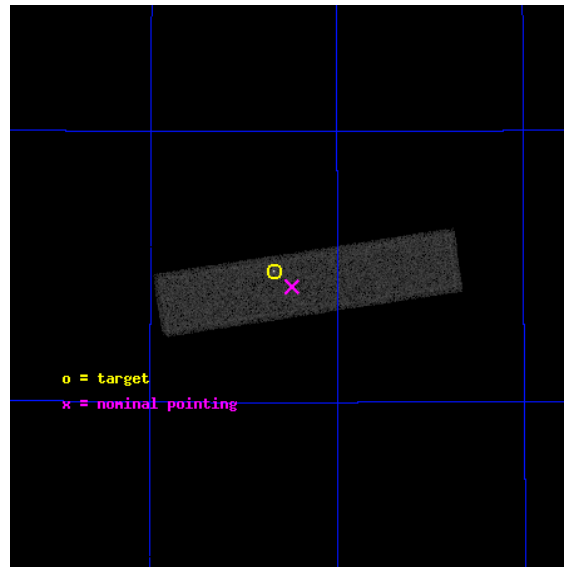
L2 Processing Date : Dec 18 2012

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1 Front

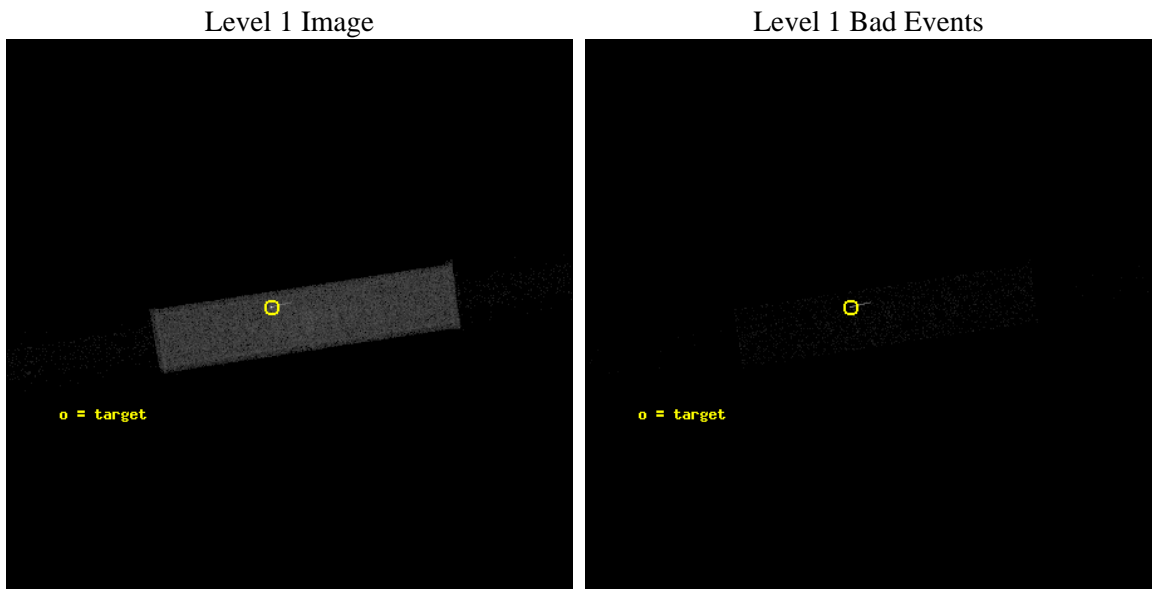
seq_num	290519	Sequence number
obs_id	6027	Observation id
title	AO6A Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.12160342837	Nominal RA [deg]
dec_nom	45.713672488121	Nominal Dec [deg]
roll_nom	351.29961542318	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1153.3813022077	[s]
livetime	1146.496999537	Ontime multiplied by DTCOR
l2events	48089	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	1153.3813022077	[s]
caldbver	4.5.5	 	l1events	77766	Number of level 1 events
date	2012-12-17T04:28:05	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

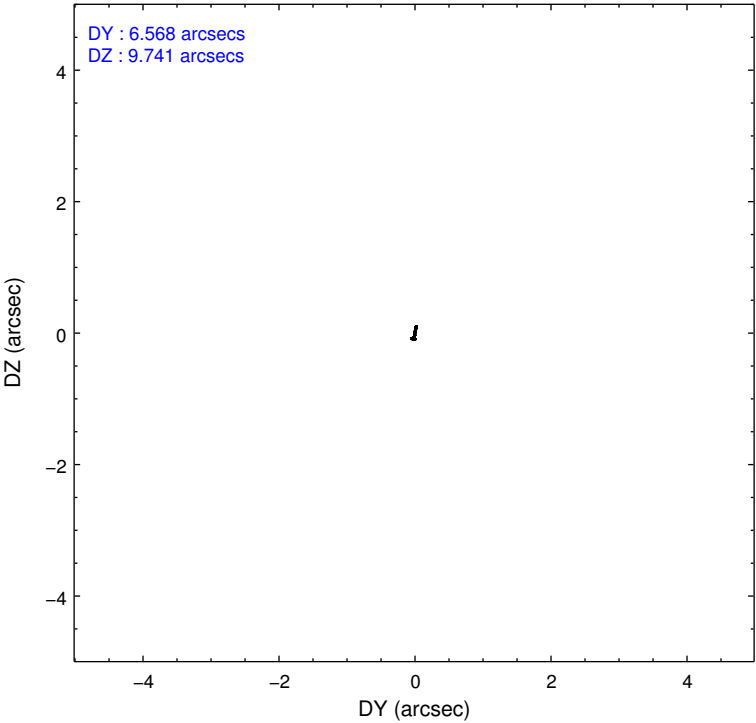
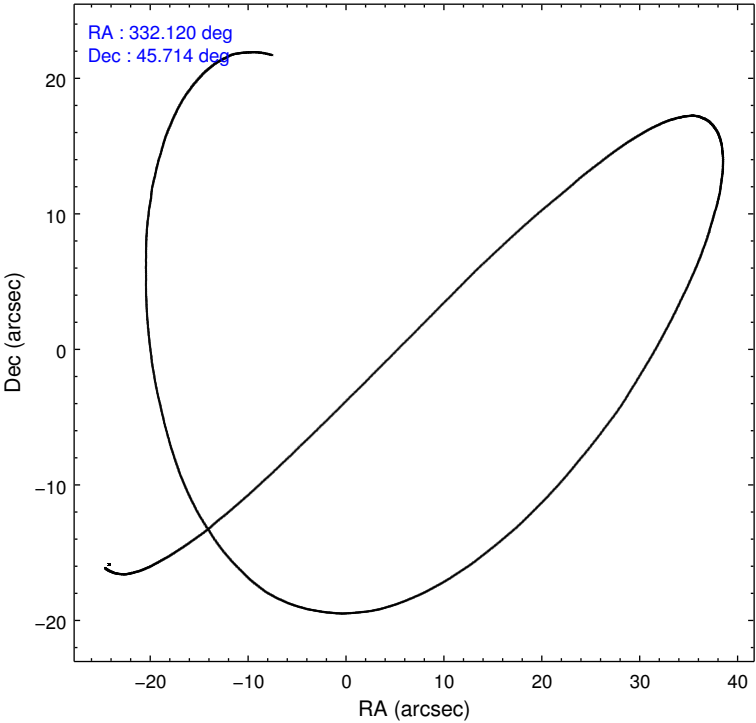
Level 1 Events

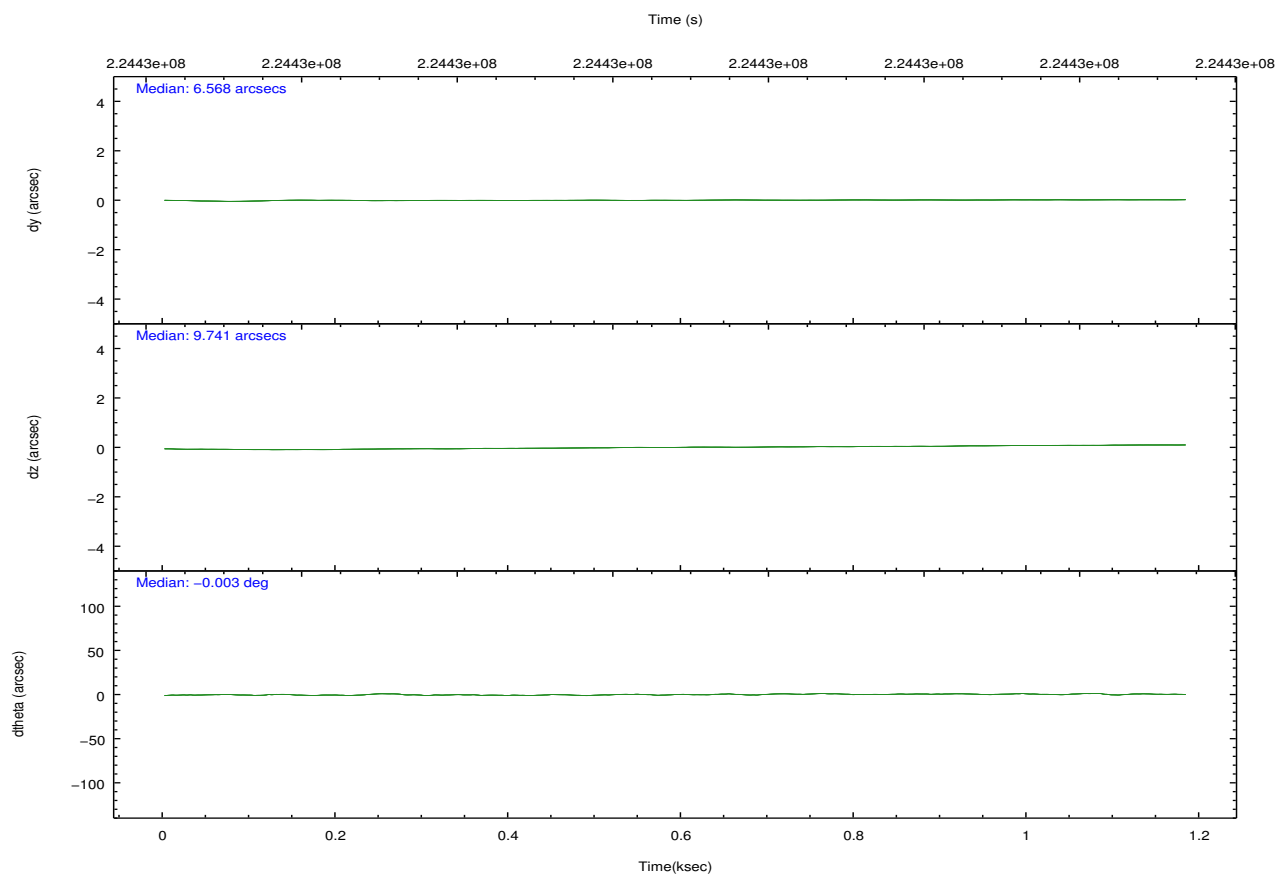
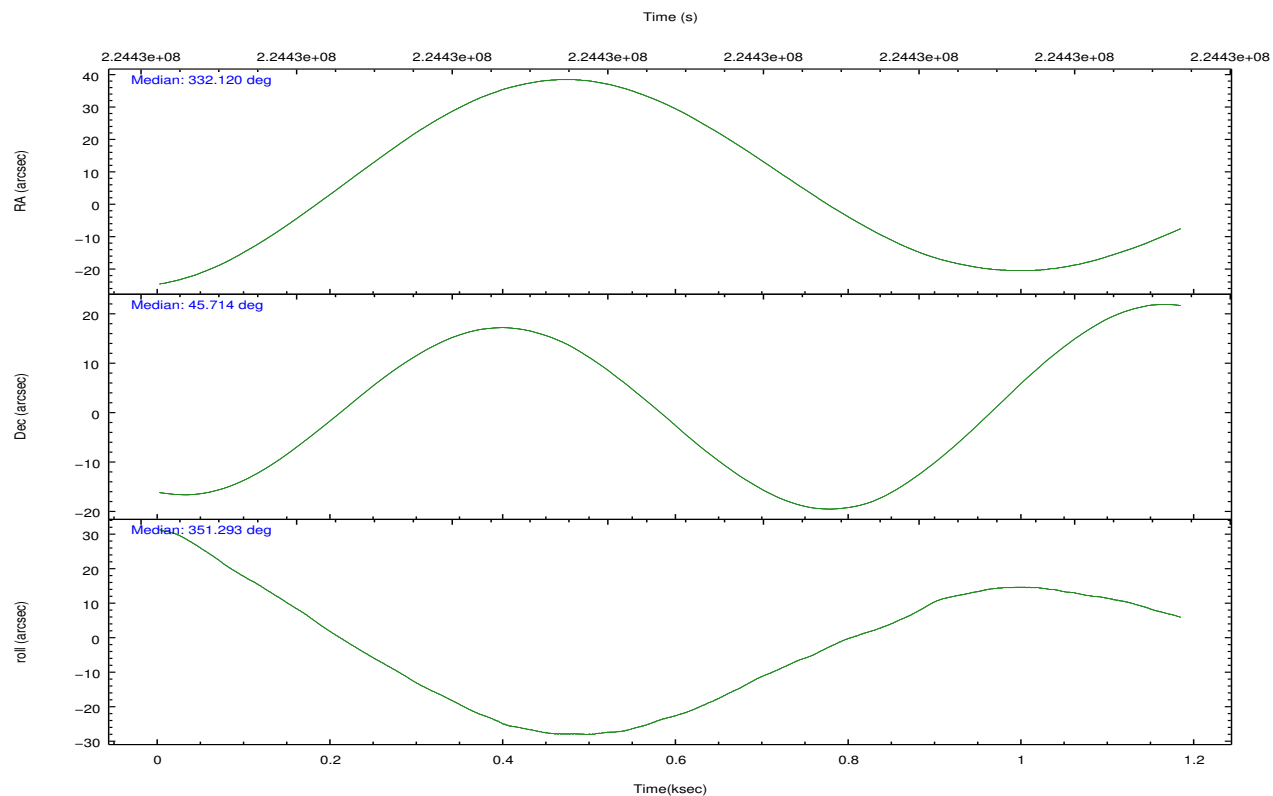
	segment 1	segment 2	segment 3
level 1 events	655	76485	626
rejected events	655	17454	626
rejected %	100%	22%	100%

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	332.084744	332.1216034283697			
[deg] Pointing Dec	45.701916	45.7136724881205			
[deg] Pointing Roll	351.258667	351.2996154231789			
[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)	224431273.184000	224430896.80778			
Observation start date	2005-02-10T14:00:09	2005-02-10T13:54:56			
[s] Observation end time (MET)	224432273.184000	224432406.63285			
Observation end date	2005-02-10T14:16:49	2005-02-10T14:20:06			

2.3 Aspect



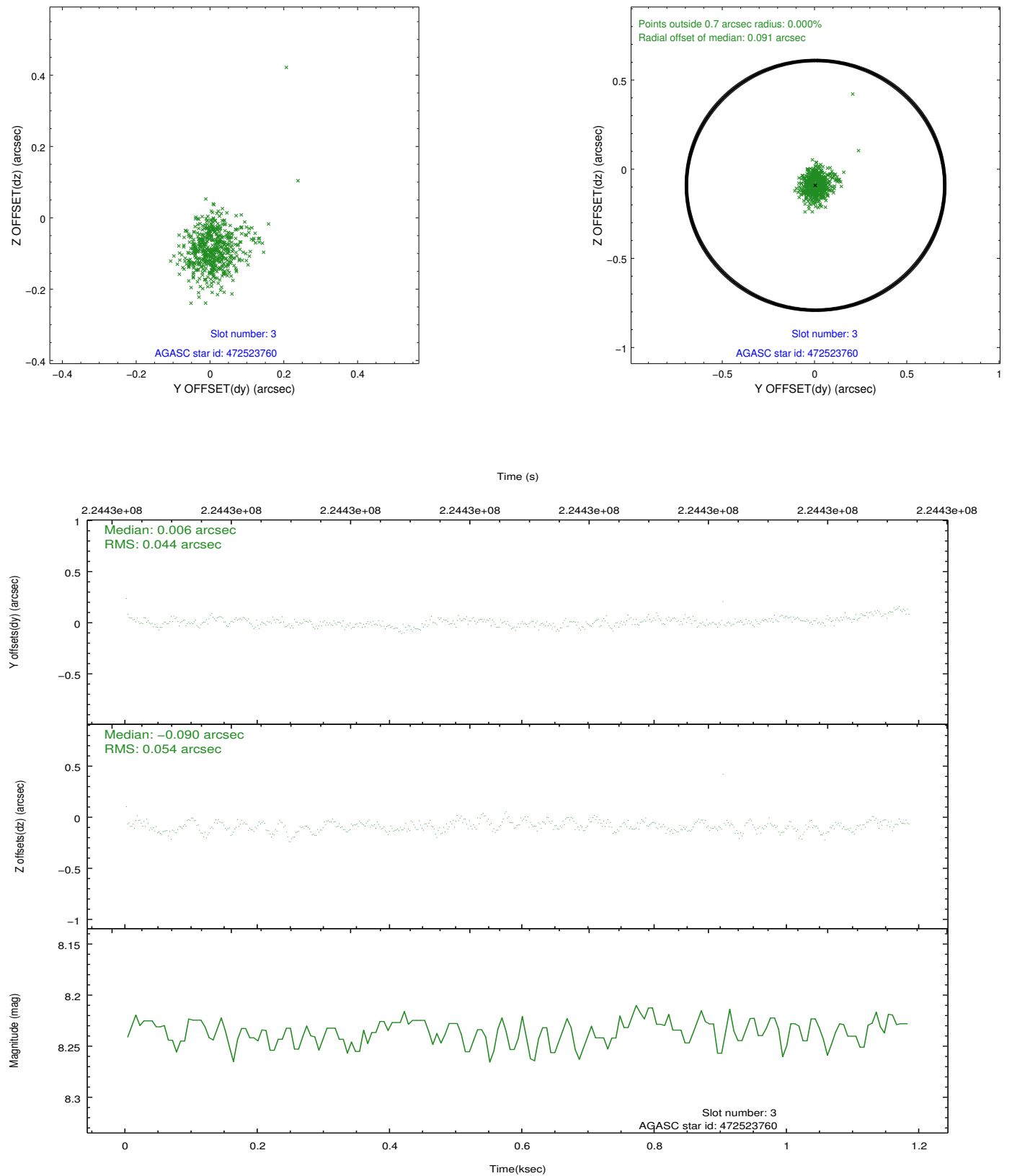


Slot Statistics

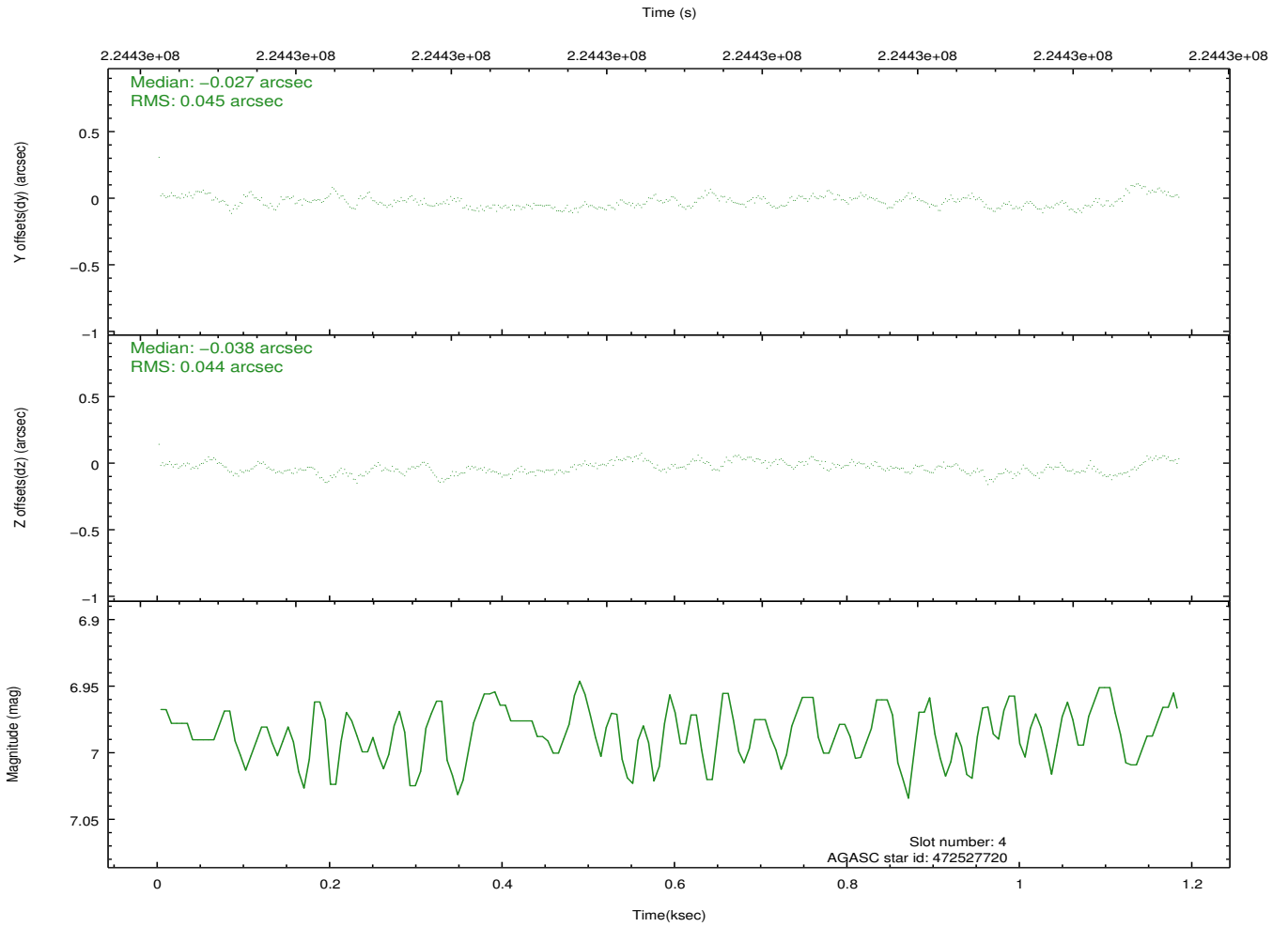
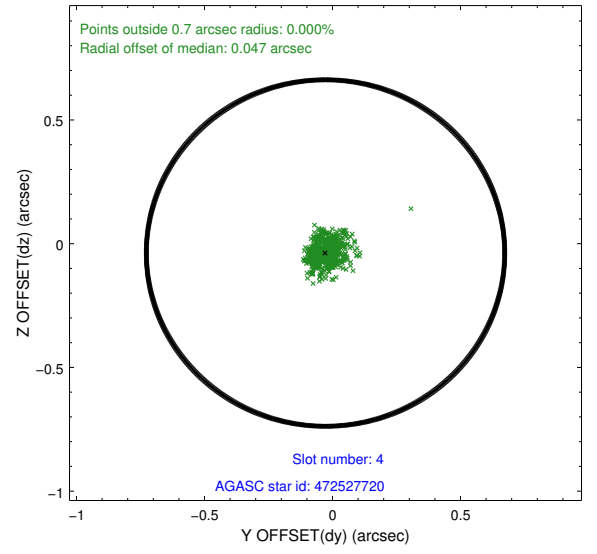
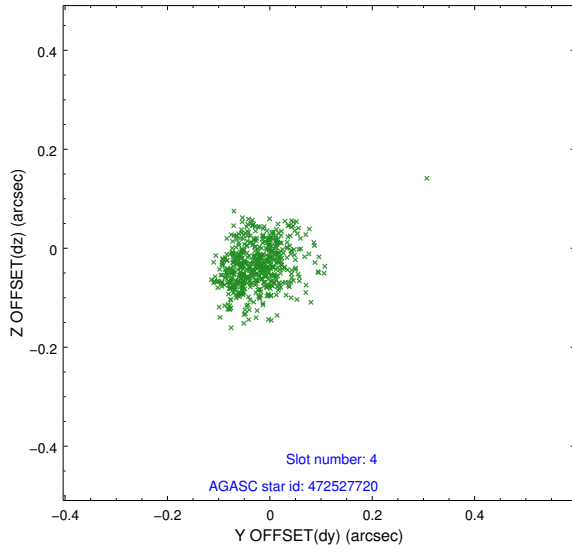
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.04	289	0.119	-0.192	0.006	0.010	0.000000	0.000000	-1160.72	-458.43
1	FID	HRC-S-2	7.03	289	0.173	-0.114	0.004	0.009	0.000000	0.000000	1235.00	-452.61
2	FID	HRC-S-3	7.04	289	0.098	0.004	0.006	0.010	0.000000	0.000000	-1159.17	569.73
3	GUIDE	472523760	8.23	578	0.006	-0.090	0.068	0.117	331.645363	45.403260	-933.23	-1228.34
4	GUIDE	472527720	6.99	578	-0.027	-0.038	0.064	0.107	331.460205	45.112509	-1246.74	-2334.24
5	GUIDE	472533912	9.17	578	0.082	0.038	0.131	0.315	331.791136	46.368695	-1086.88	2259.25
6	GUIDE	472535576	7.86	578	-0.016	0.020	0.062	0.101	331.438373	46.291802	-1913.70	1865.11
7	GUIDE	472665256	9.02	574	-0.043	0.048	0.099	0.165	332.808125	46.195041	1508.45	2040.46

2.4 Star Slots

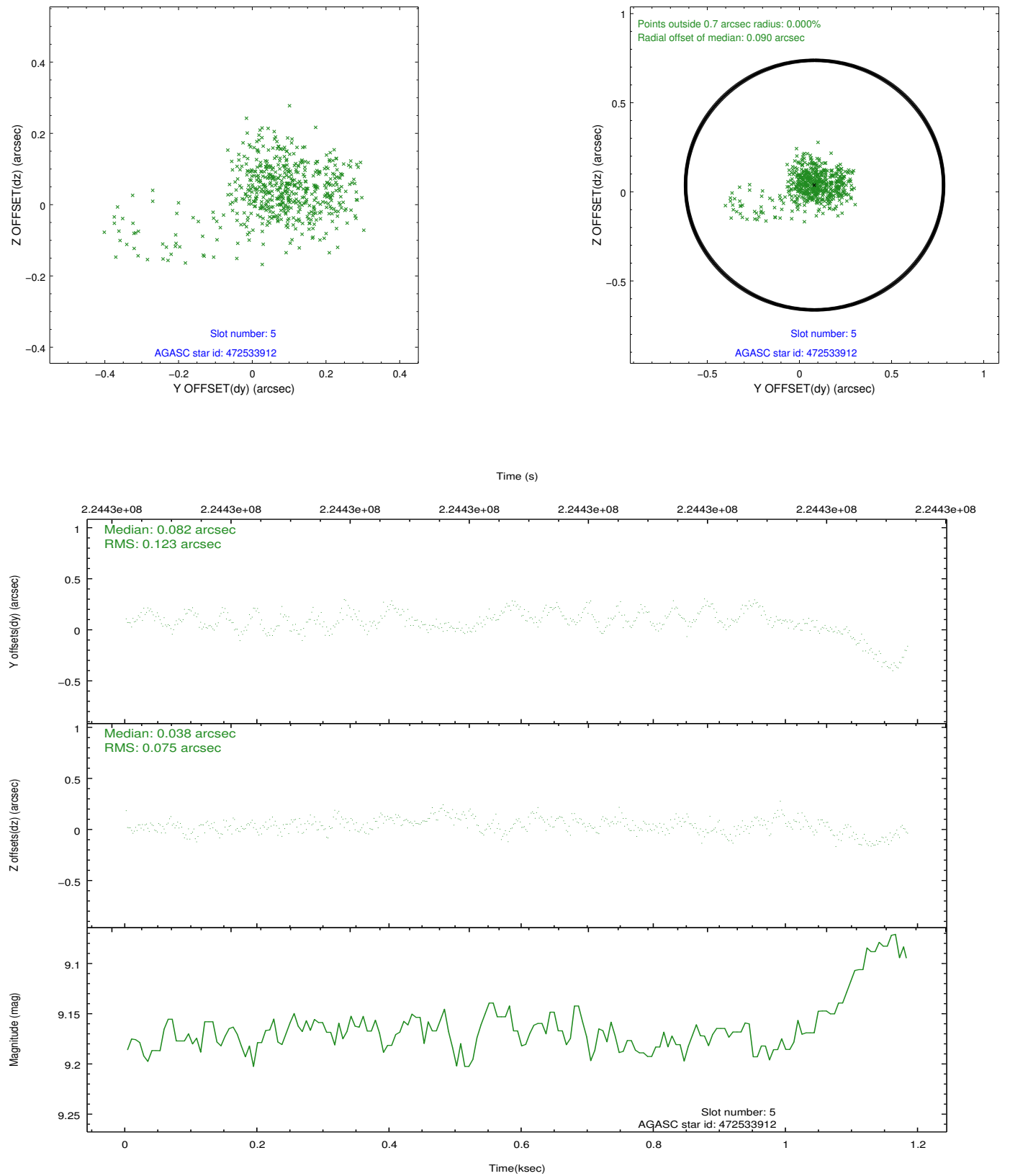
2.4.1 Slot 3



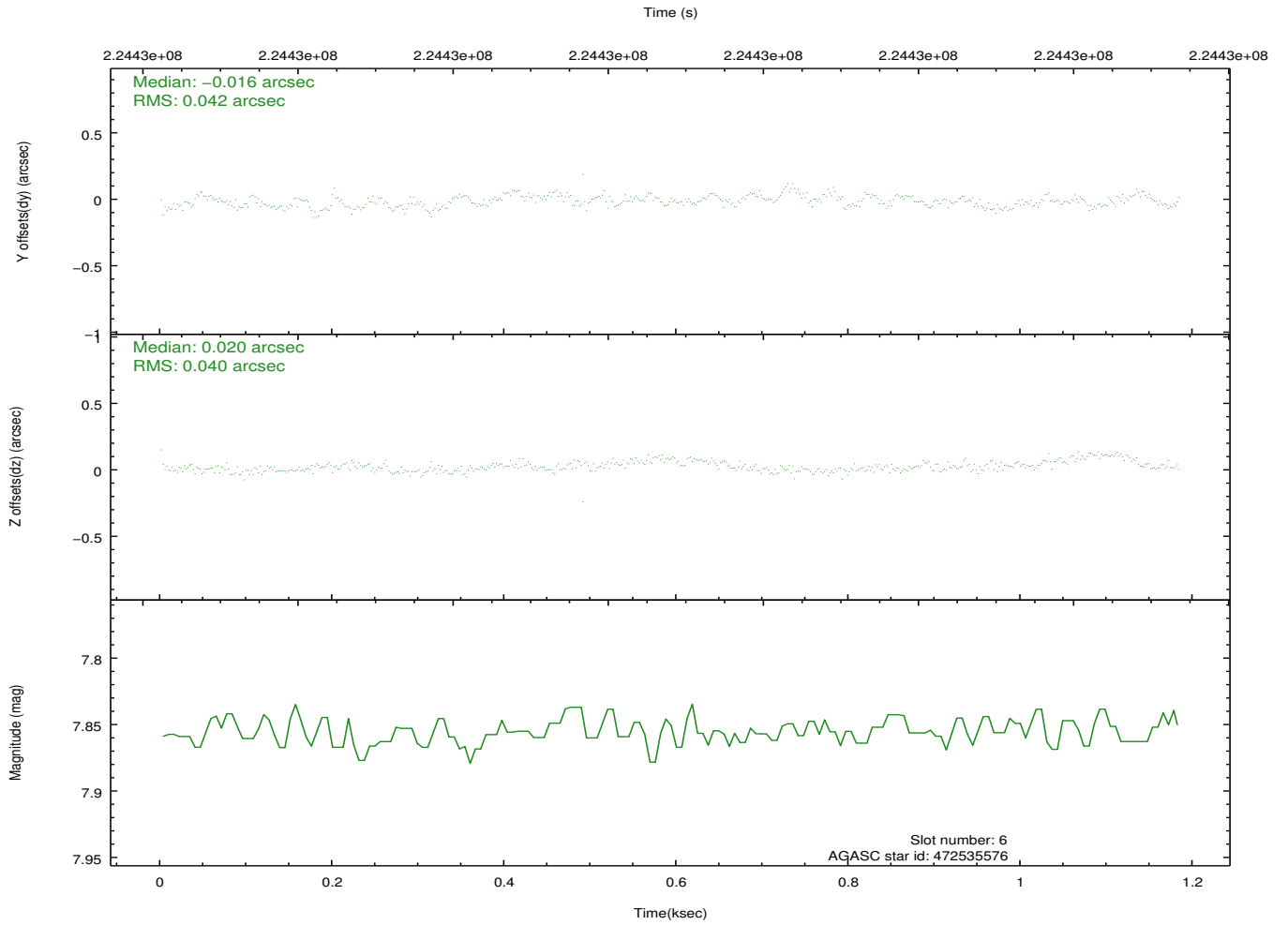
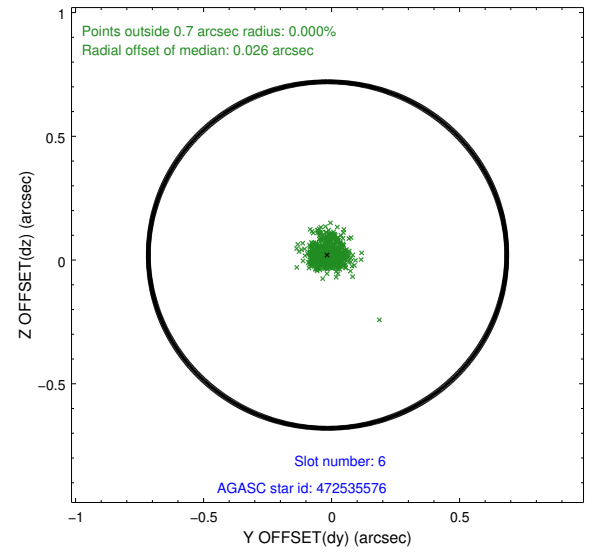
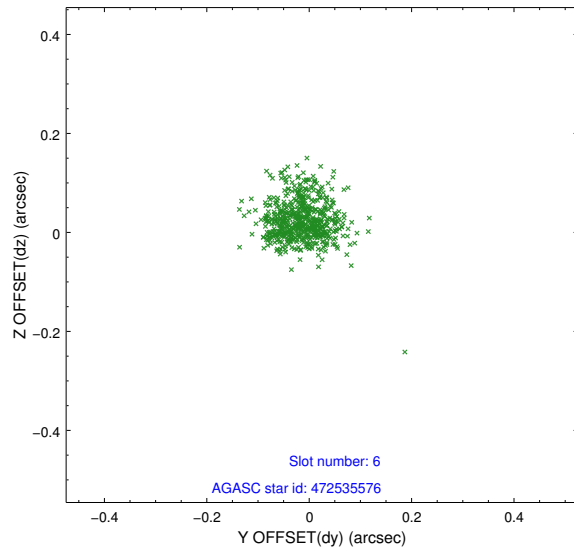
2.4.2 Slot 4



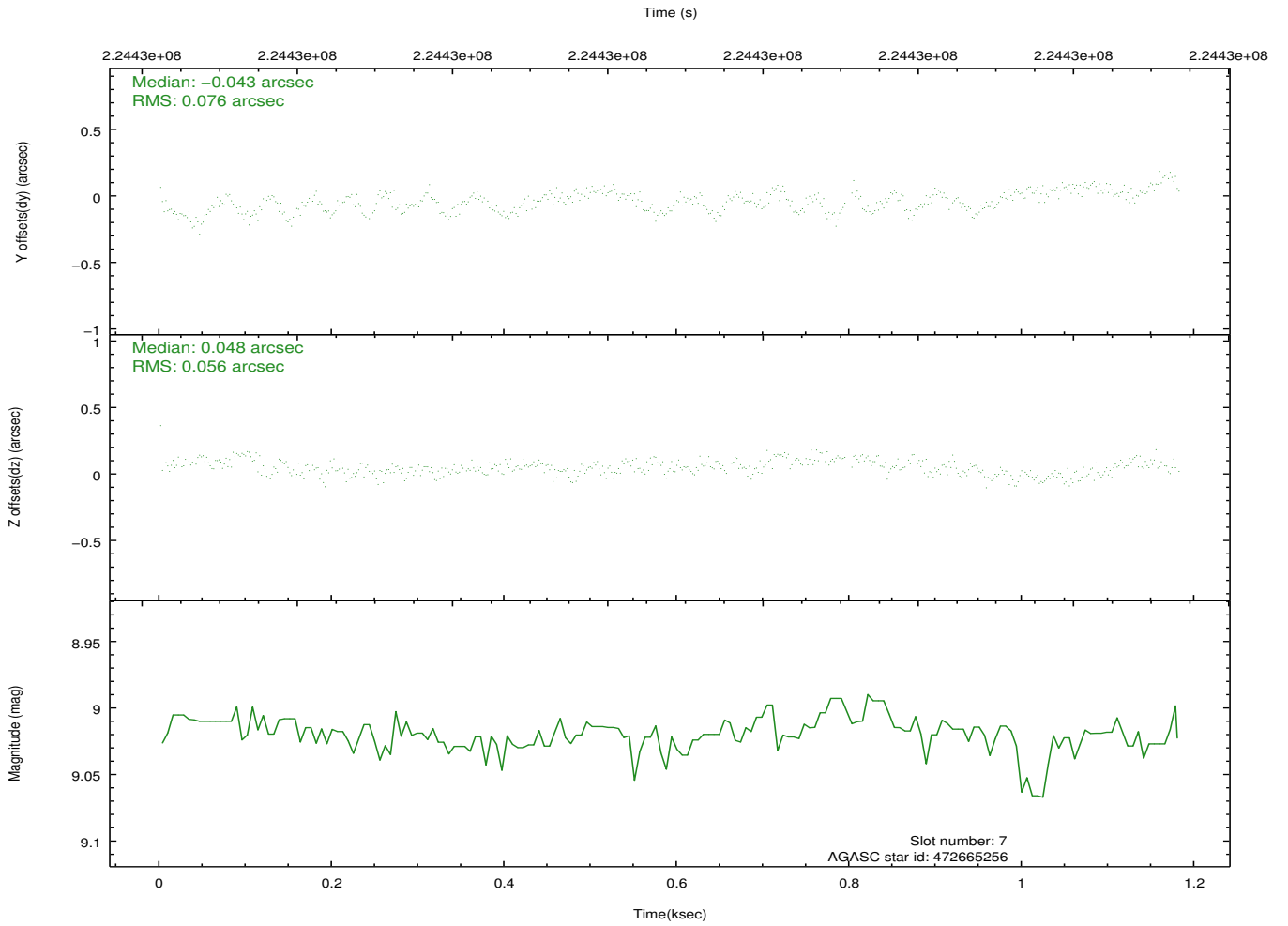
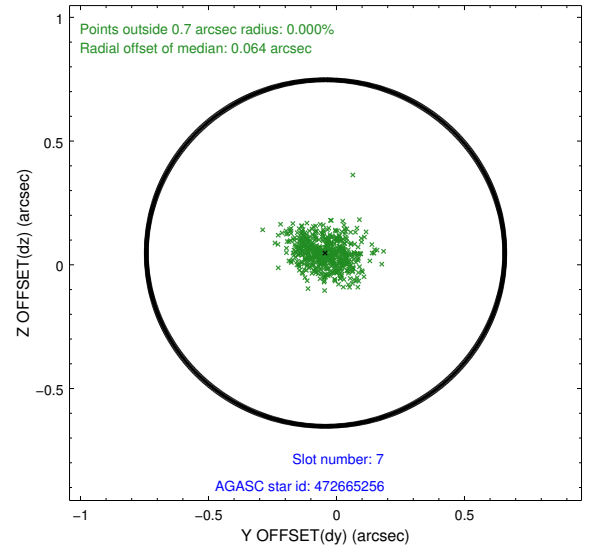
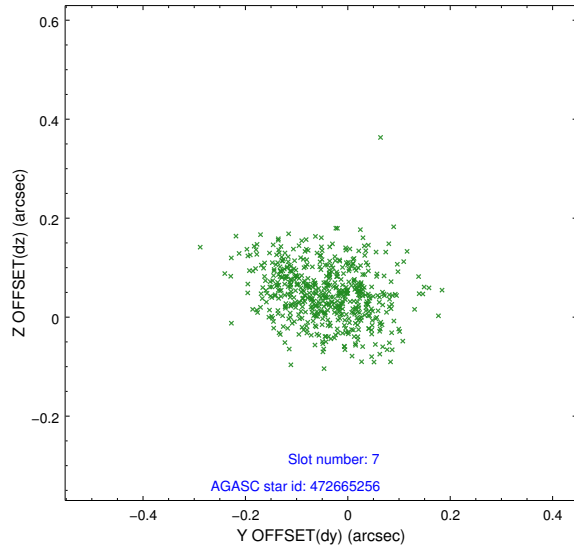
2.4.3 Slot 5



2.4.4 Slot 6

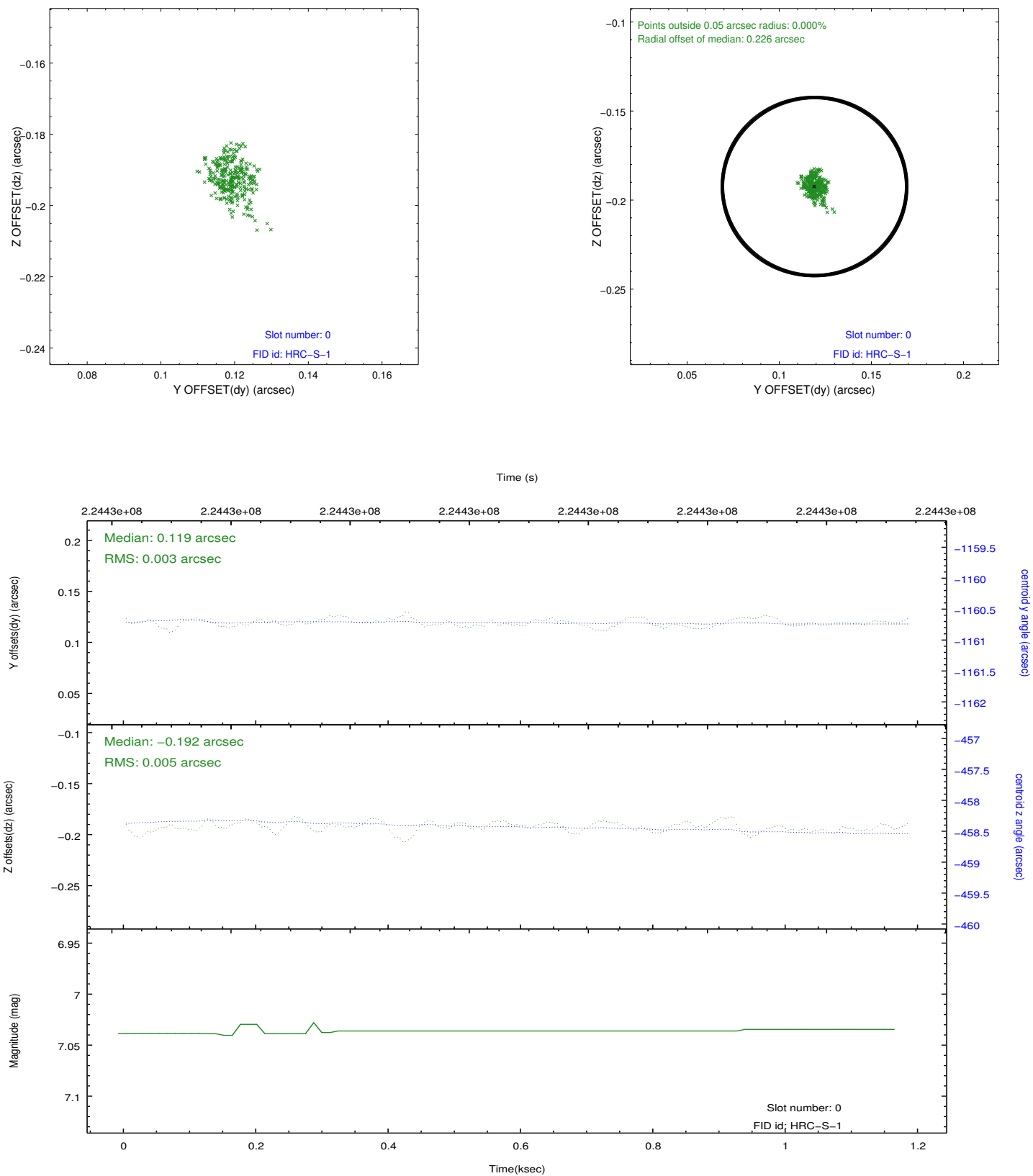


2.4.5 Slot 7

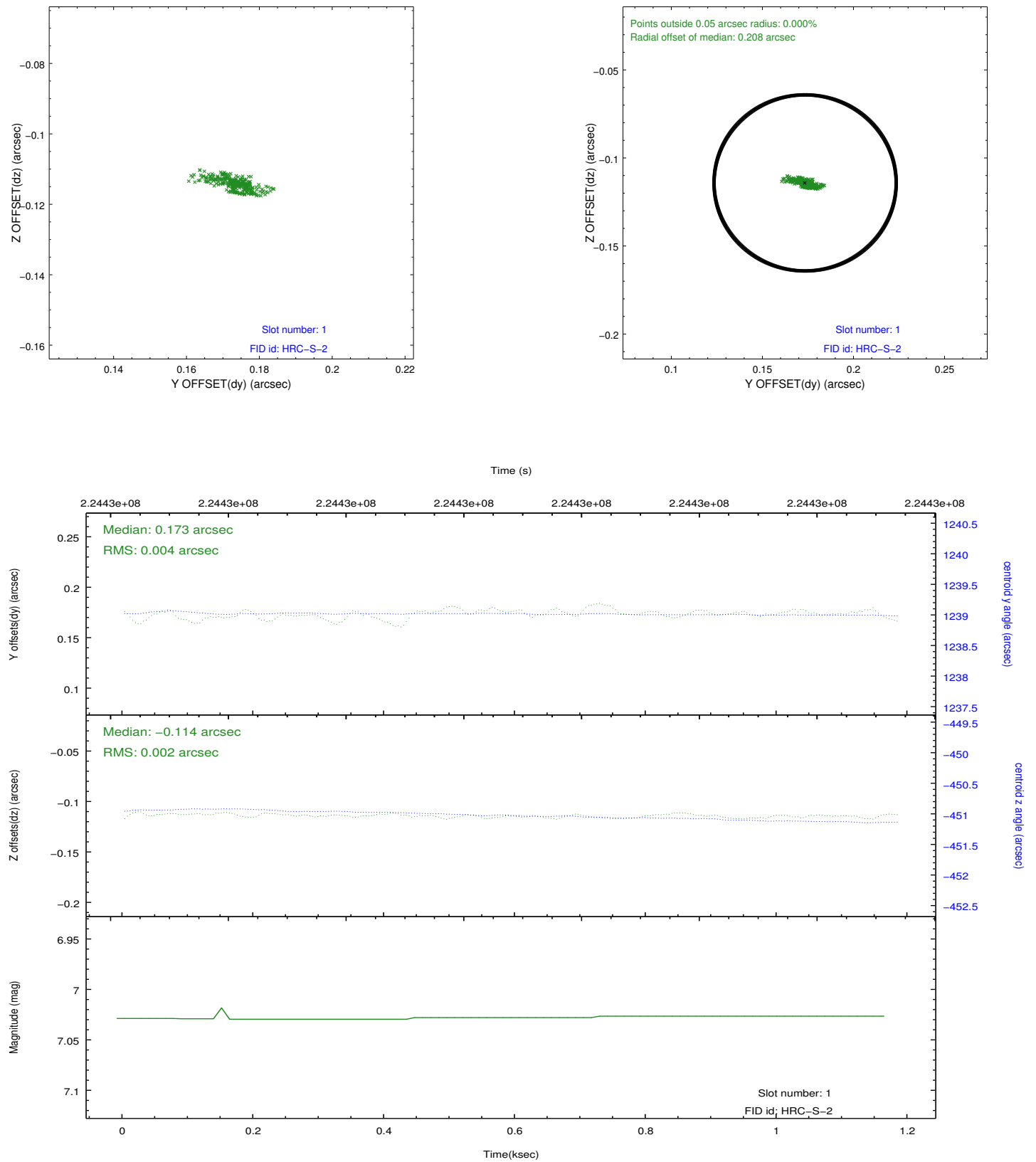


2.5 FID Slots

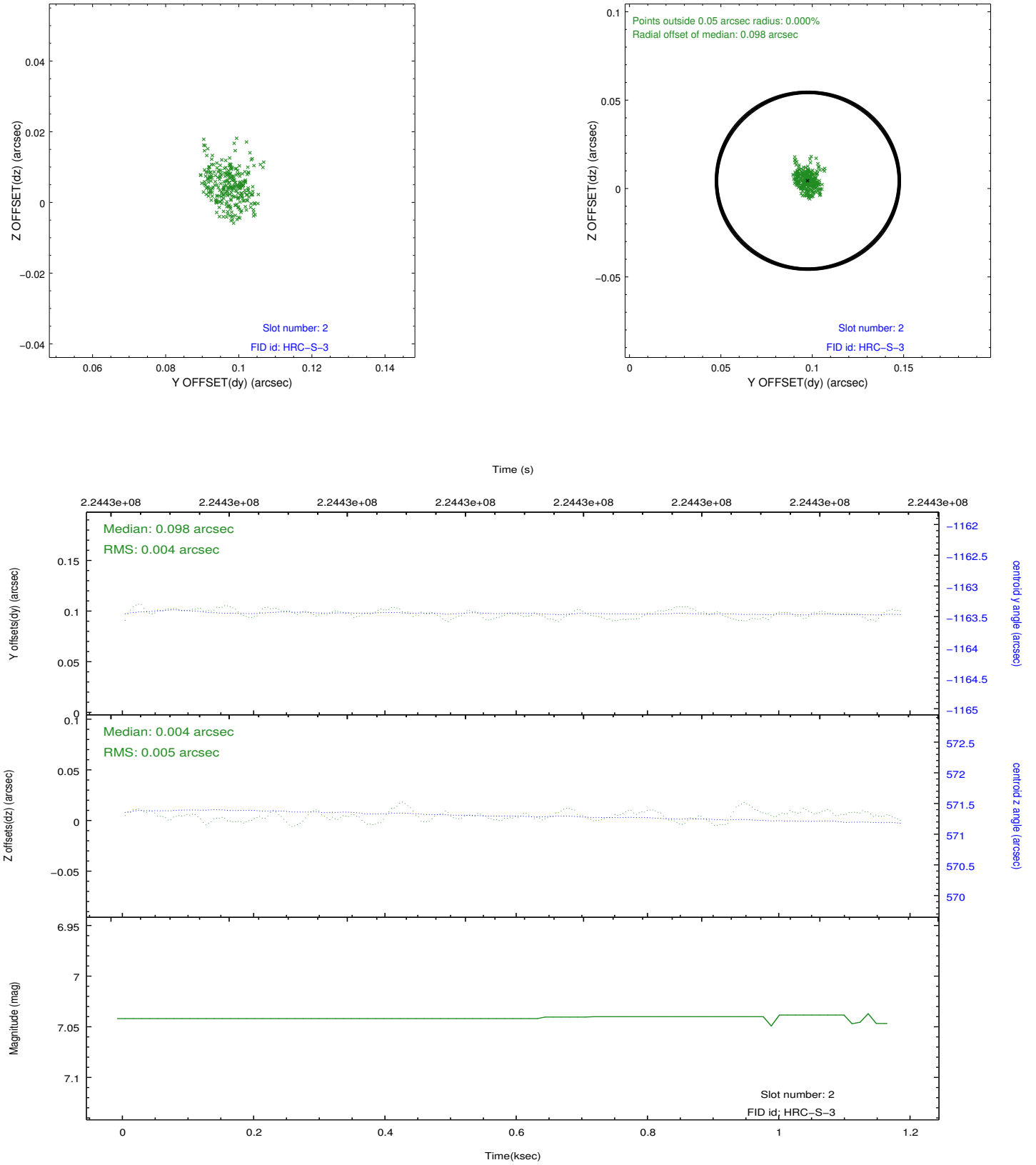
2.5.1 Slot 0



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)	2013.01.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.153381

A.2 Comments