

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 6002 - L2 Version 3
Chandra X-Ray Center

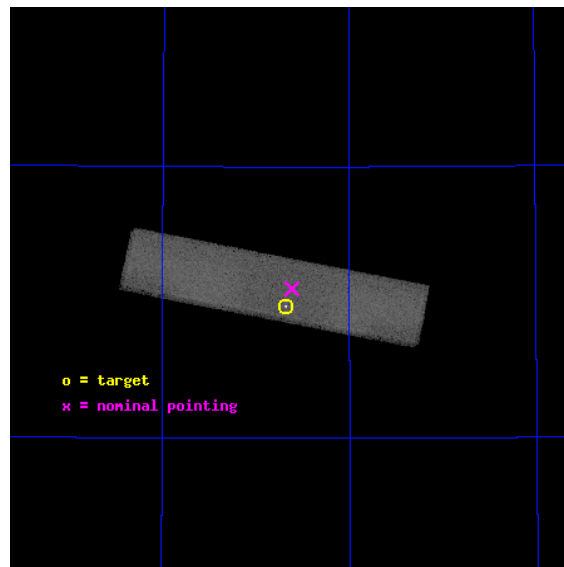
L2 Processing Date : Dec 28 2012

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1 Front

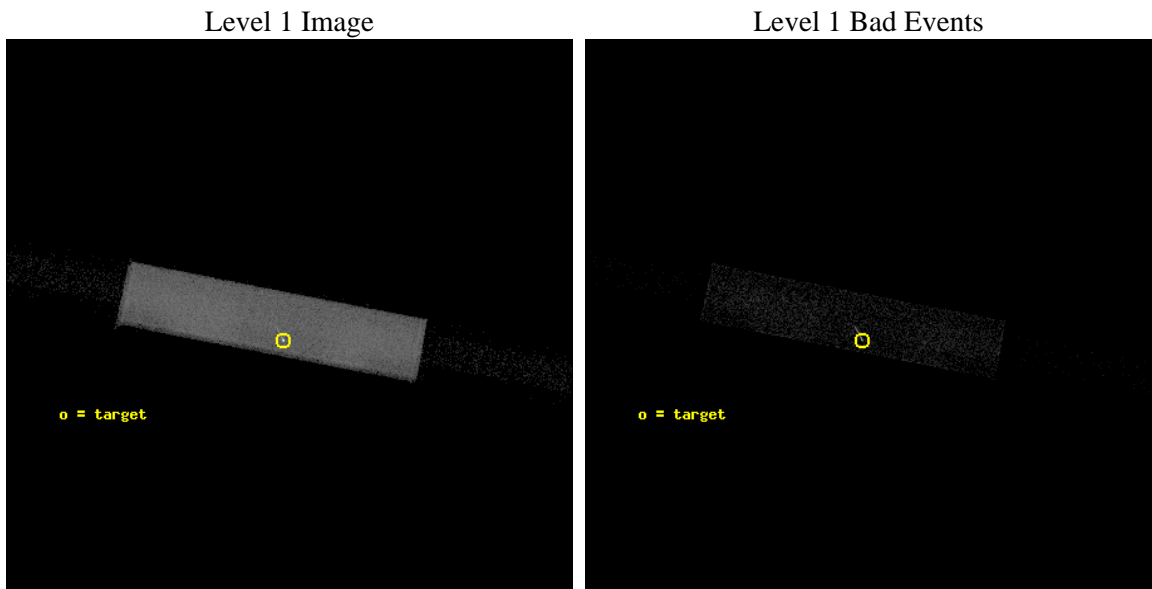
seq_num	290494	Sequence number
obs_id	6002	Observation id
title	AO6B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.15383218799	Nominal RA [deg]
dec_nom	45.775159762316	Nominal Dec [deg]
roll_nom	190.93106786334	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1151.3313028812	[s]
livetime	1136.1416218912	Ontime multiplied by DTCOR
l2events	118701	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	1151.3313028812	[s]
caldsver	4.5.5	 	l1events	168940	Number of level 1 events
date	2012-12-28T18:51:48	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

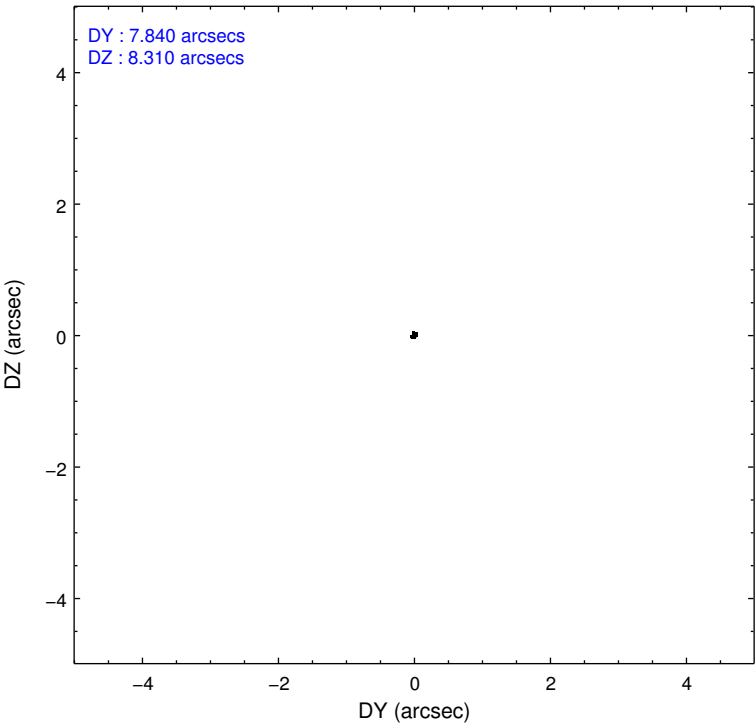
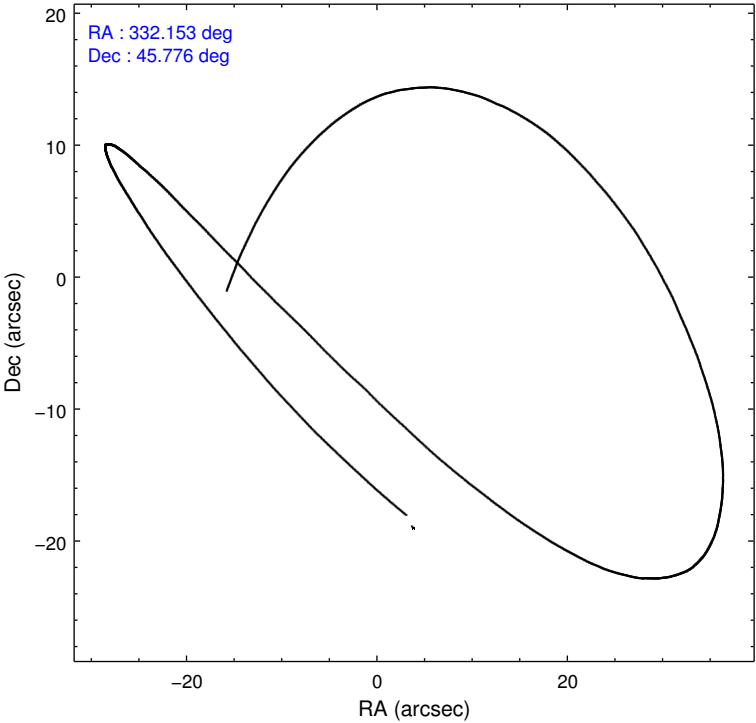
Level 1 Events

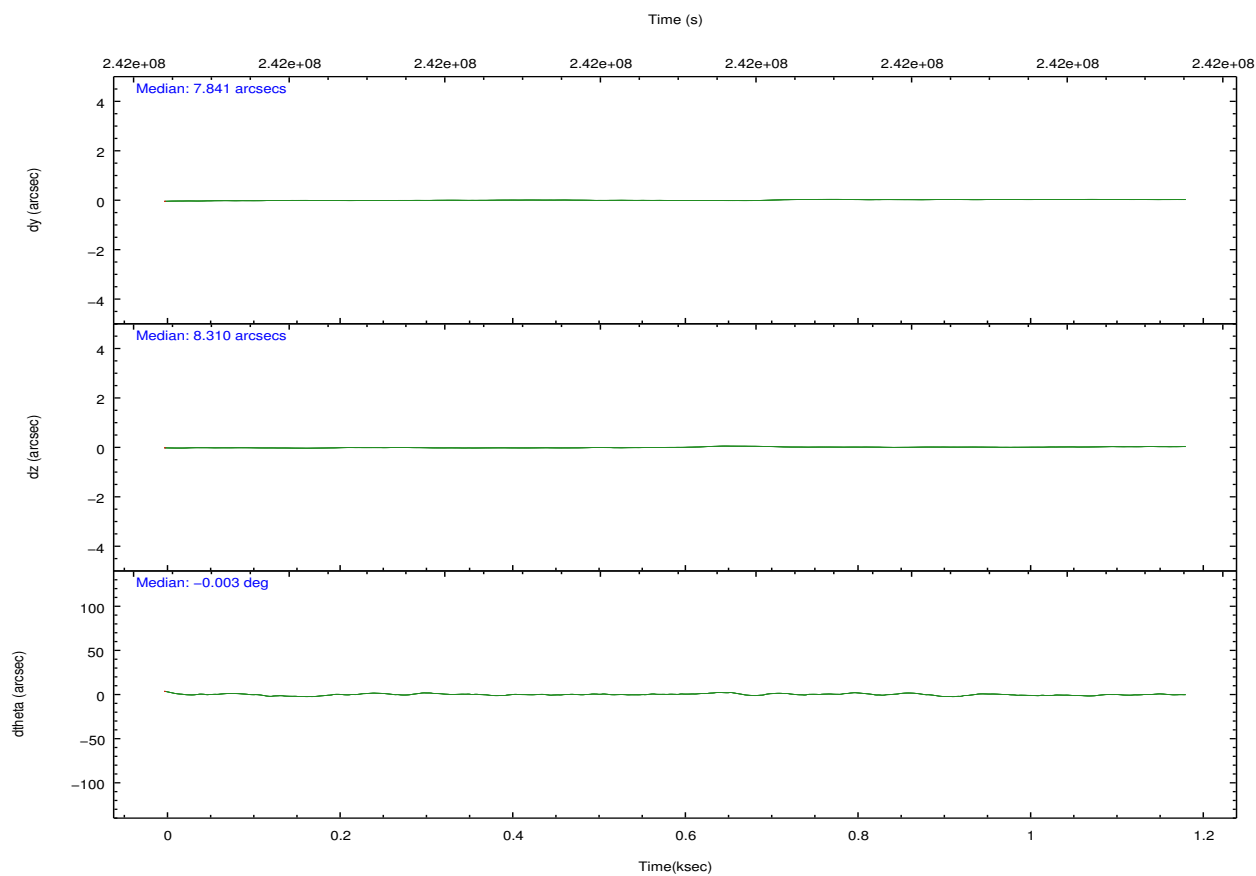
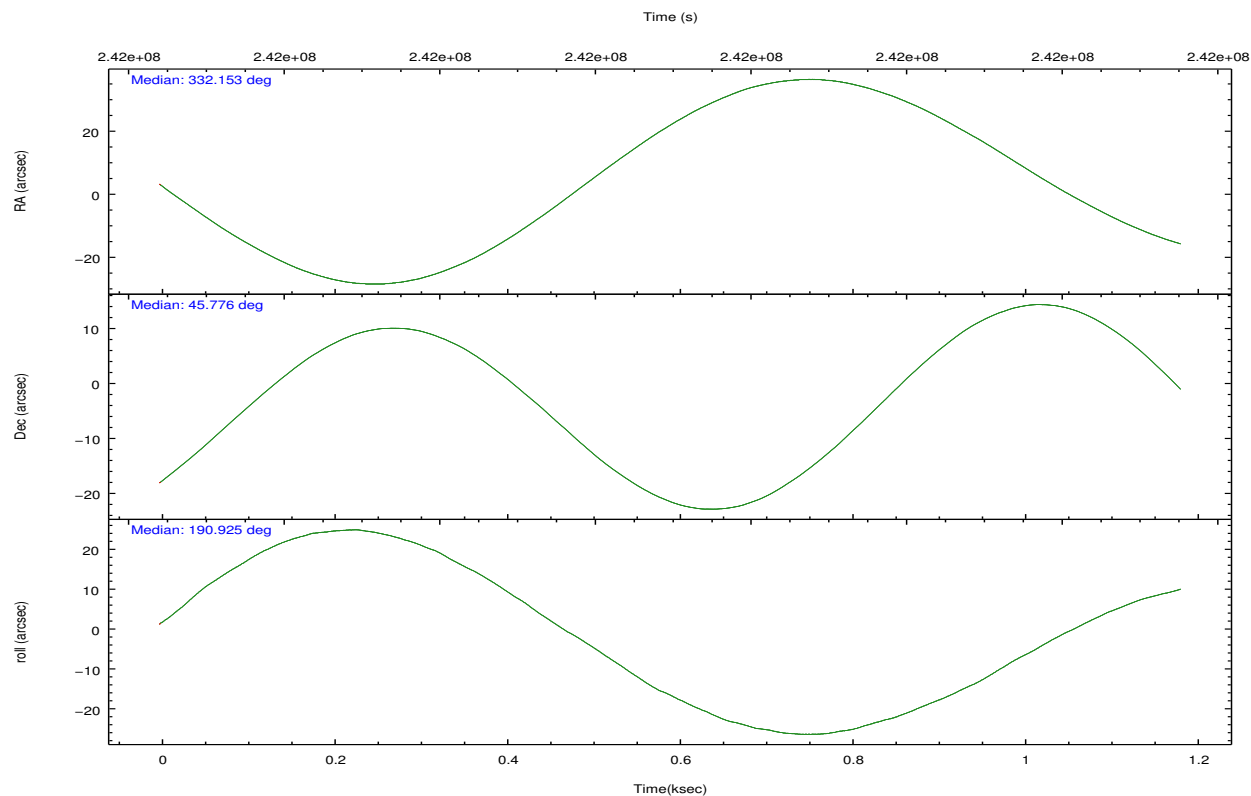
	segment 1	segment 2	segment 3
level 1 events	1415	166266	1259
rejected events	1415	34802	1259
rejected %	100%	20%	100%

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	332.184004	332.1538321879872			
[deg] Pointing Dec	45.794069	45.77515976231619			
[deg] Pointing Roll	190.842062	190.9310678633431			
[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)	242001284.184000	242000908.45857			
Observation start date	2005-09-01T22:33:40	2005-09-01T22:28:28			
[s] Observation end time (MET)	242002284.184000	242002418.28364			
Observation end date	2005-09-01T22:50:20	2005-09-01T22:53:38			

2.3 Aspect



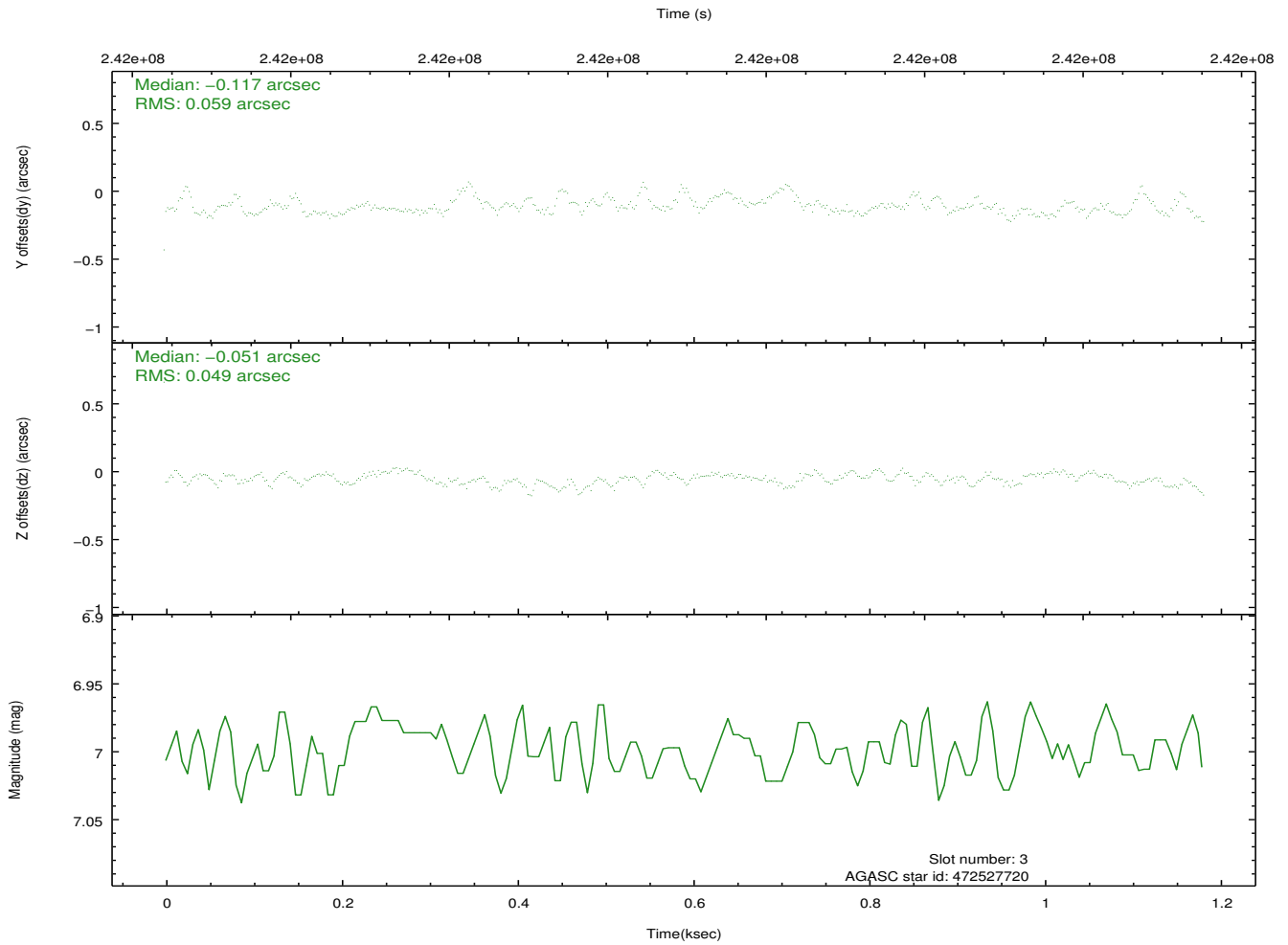
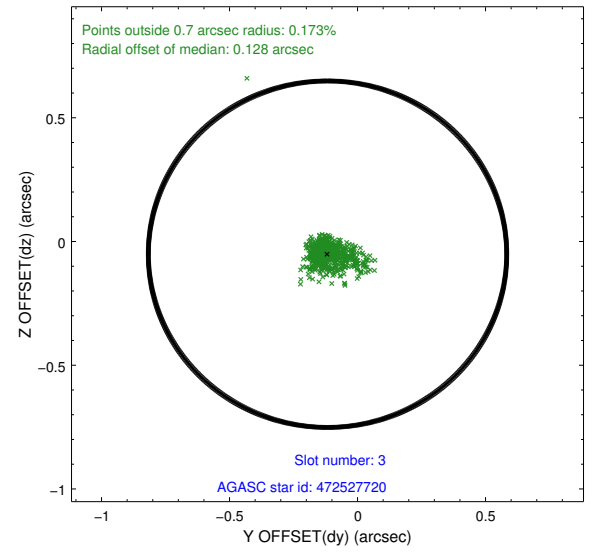
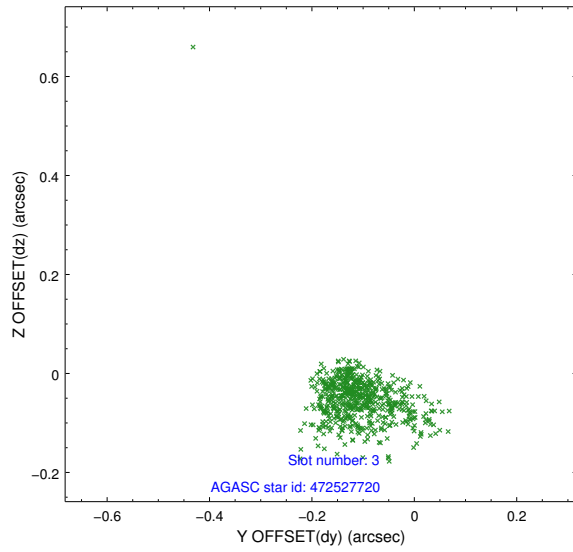


Slot Statistics

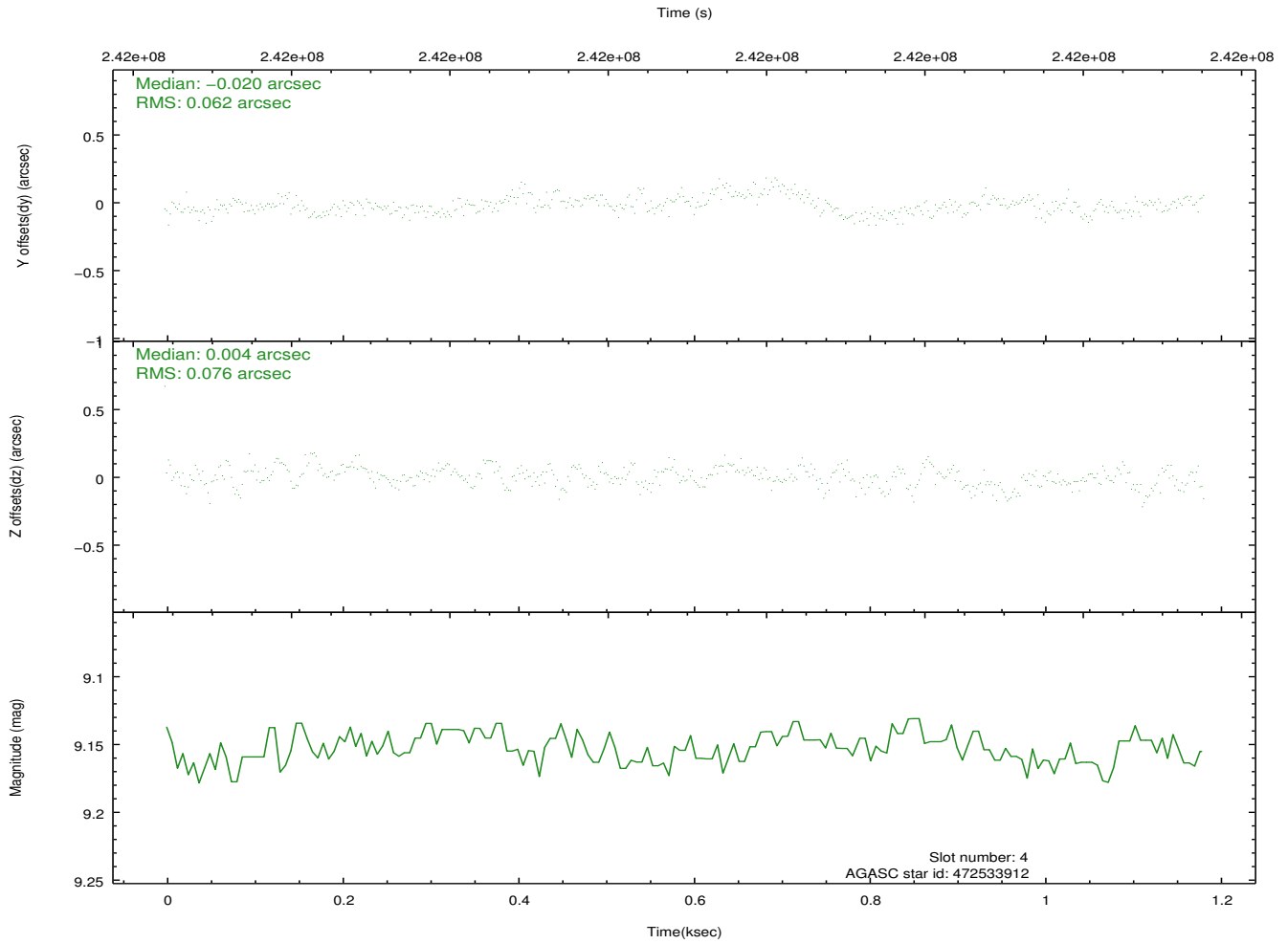
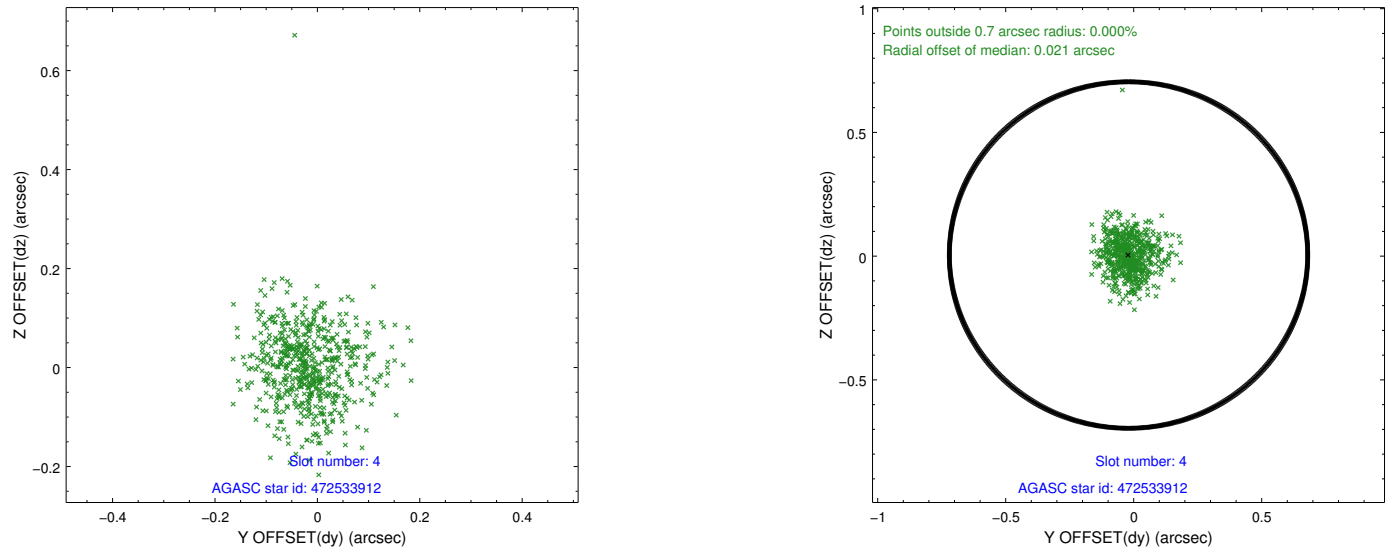
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.04	289	0.078	-0.141	0.005	0.010	0.000000	0.000000	-1162.08	-456.92
1	FID	HRC-S-2	7.04	289	0.100	-0.088	0.010	0.021	0.000000	0.000000	1233.60	-451.11
2	FID	HRC-S-4	7.02	289	0.225	-0.076	0.010	0.020	0.000000	0.000000	1240.61	573.65
3	GUIDE	472527720	7.00	578	-0.117	-0.051	0.068	0.140	331.460205	45.112509	2265.33	2059.60
4	GUIDE	472533912	9.15	577	-0.020	0.004	0.100	0.165	331.791136	46.368695	572.65	-2210.47
5	GUIDE	472535576	7.86	578	-0.170	0.062	0.068	0.116	331.438373	46.291802	1483.69	-2117.35
6	GUIDE	472655152	9.45	578	0.123	0.018	0.108	0.218	332.504239	45.862991	-833.22	-94.41
7	GUIDE	472665256	9.01	576	0.174	-0.012	0.077	0.130	332.808125	46.195041	-1801.71	-1128.06

2.4 Star Slots

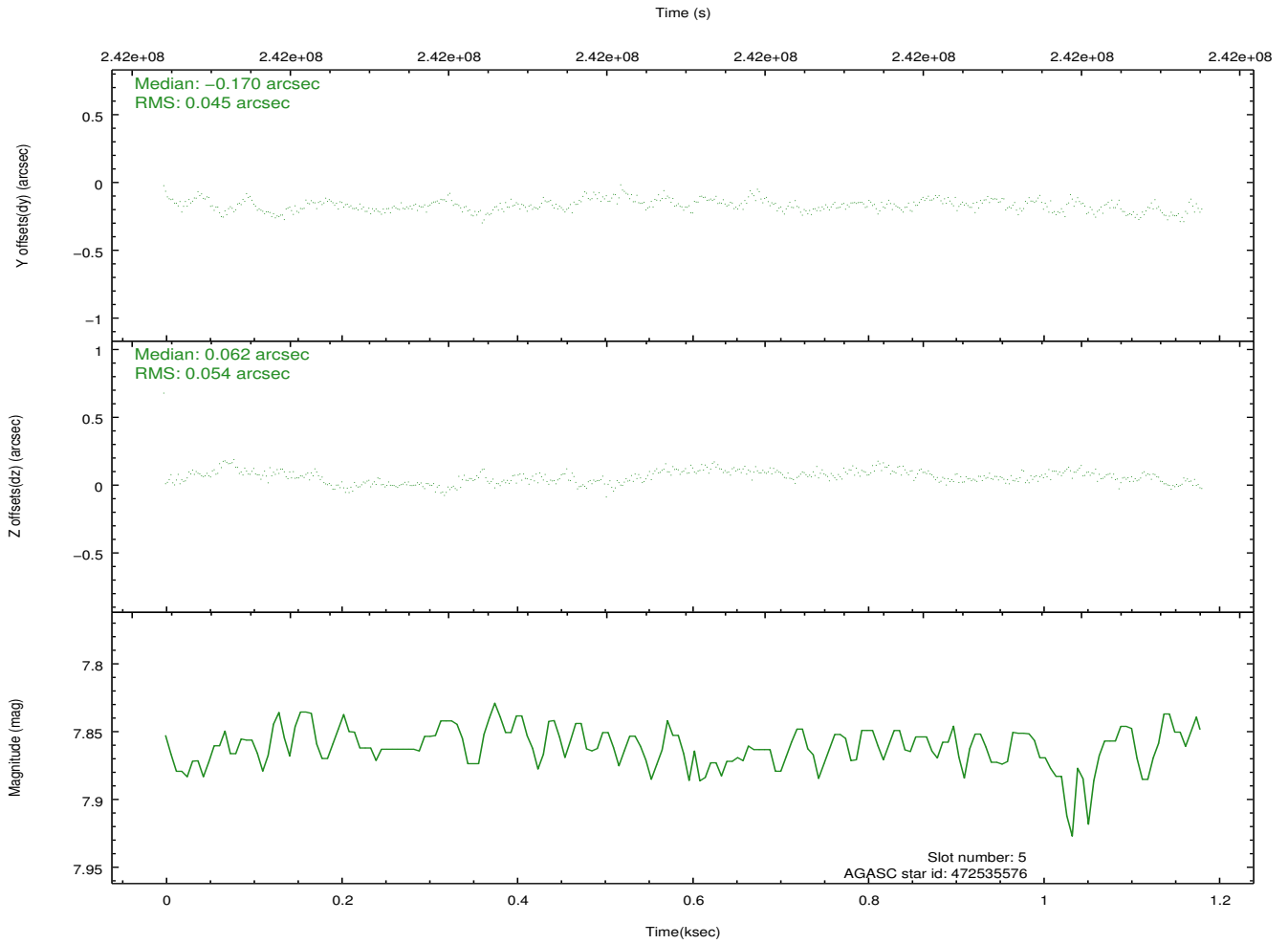
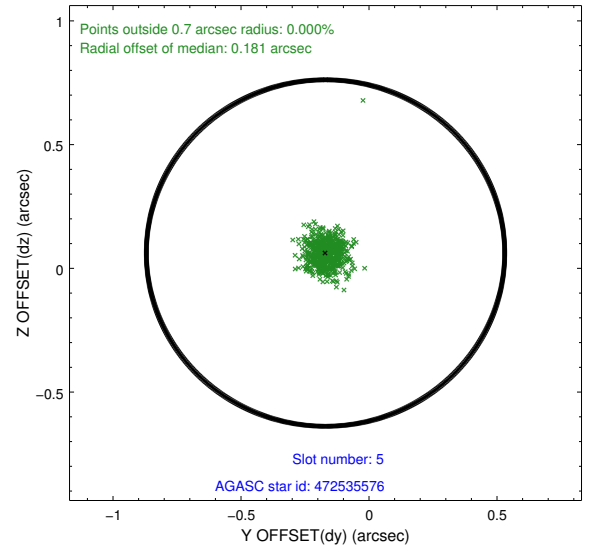
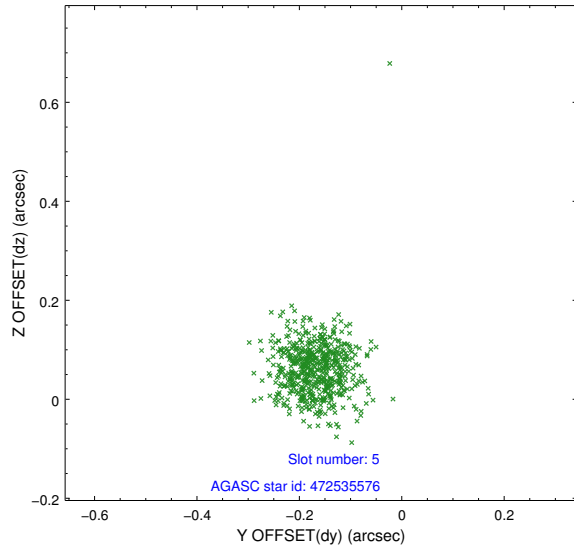
2.4.1 Slot 3



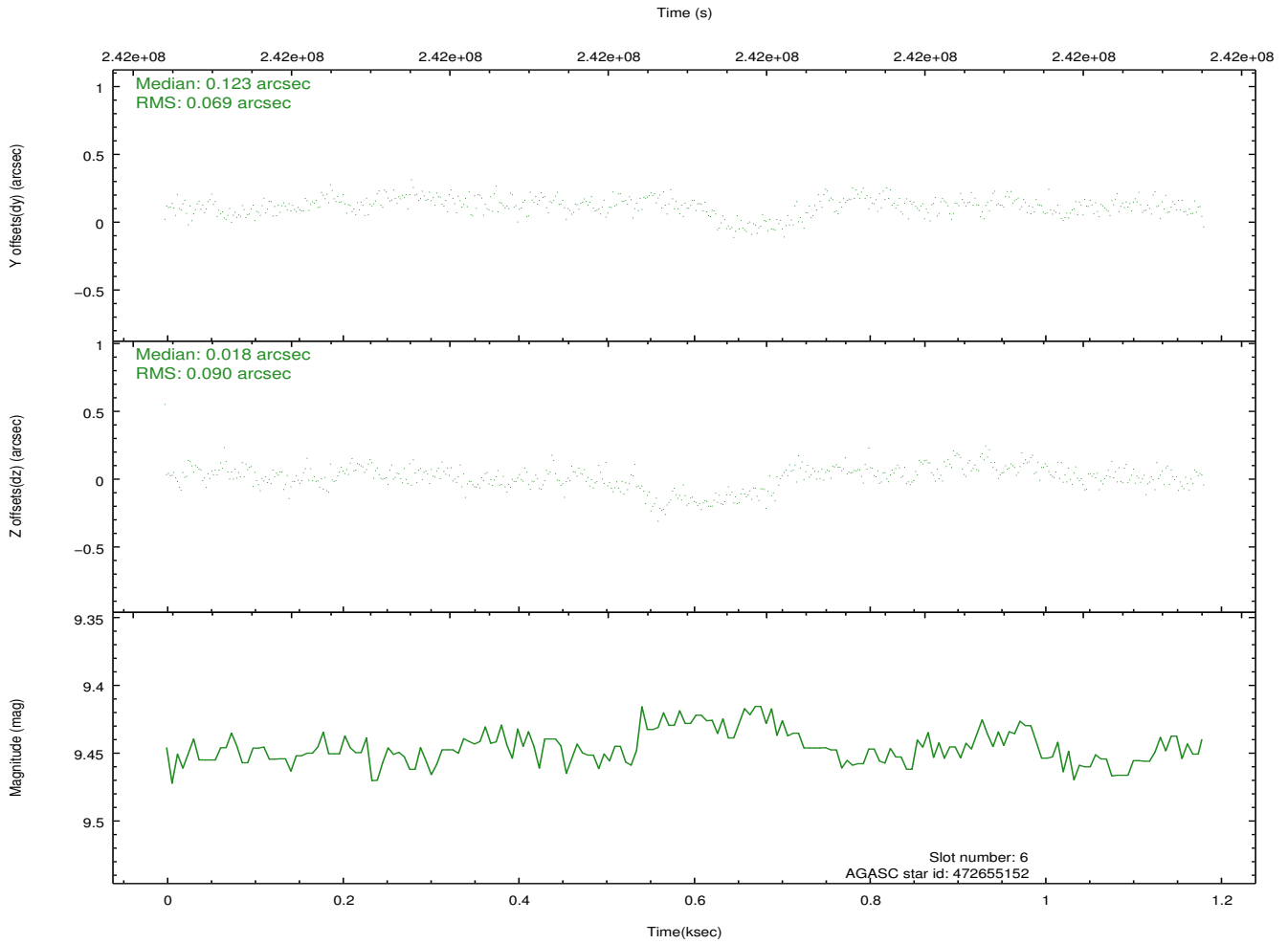
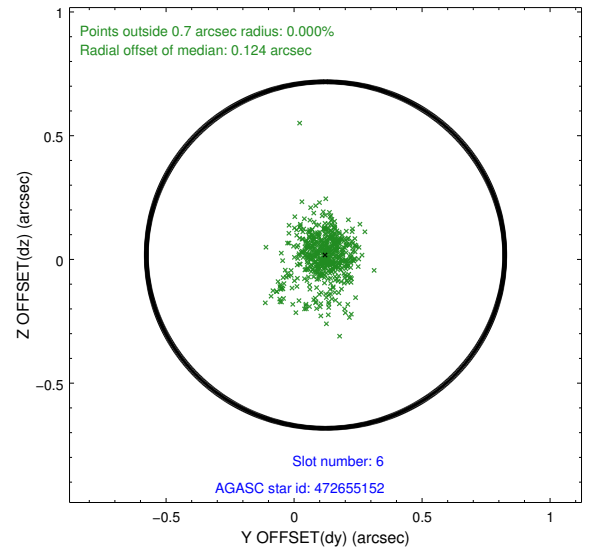
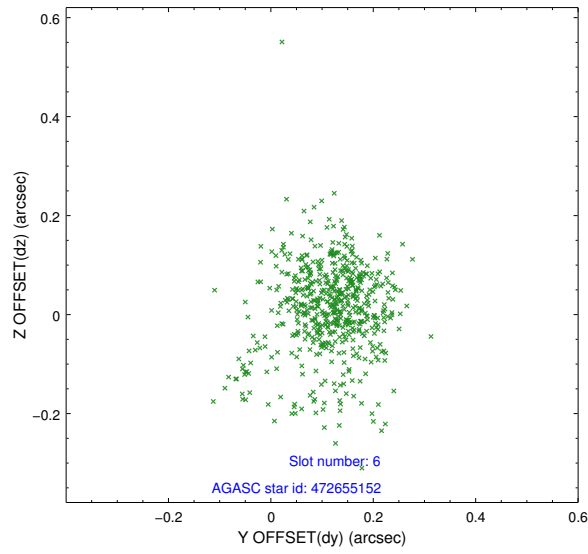
2.4.2 Slot 4



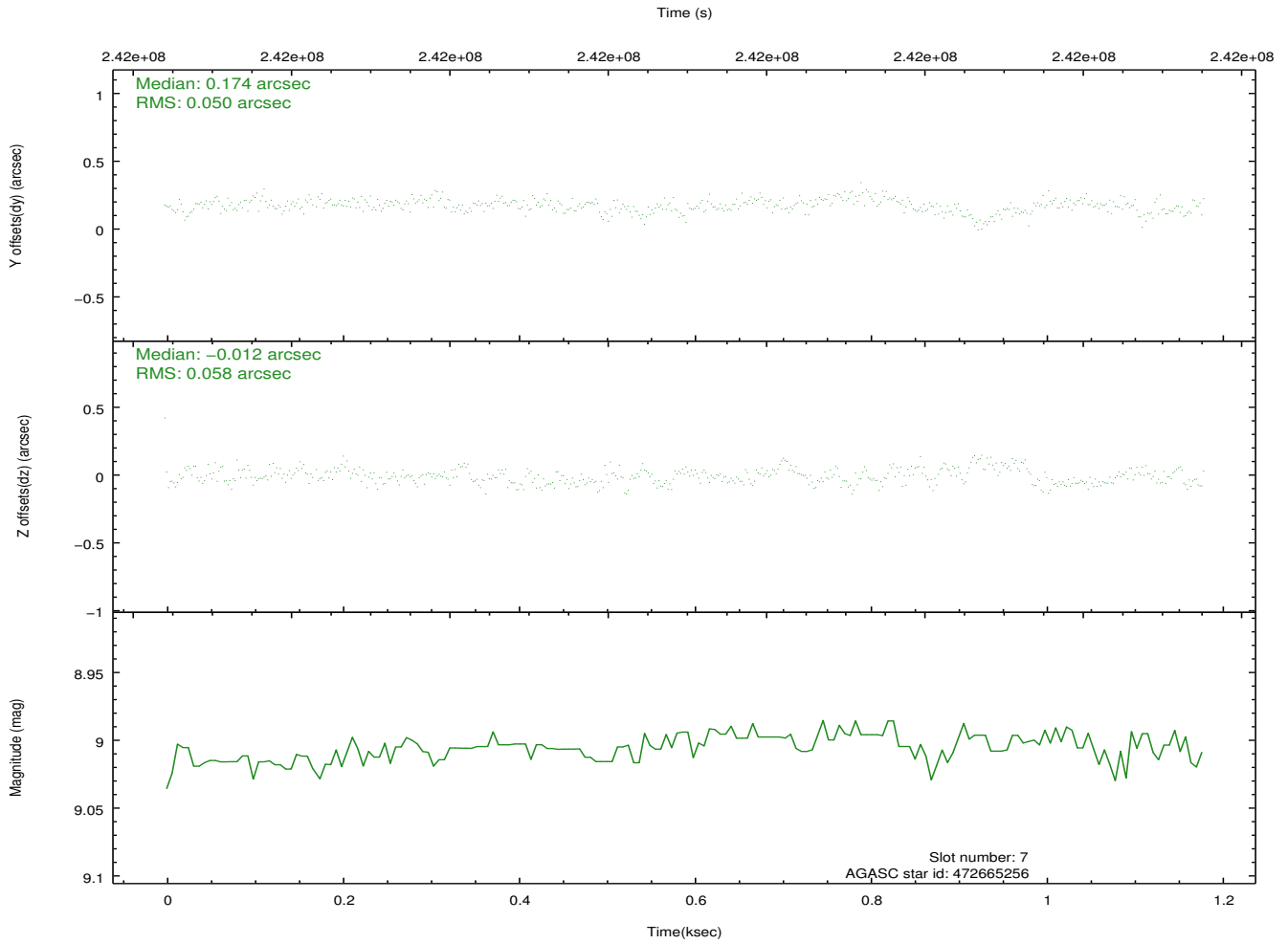
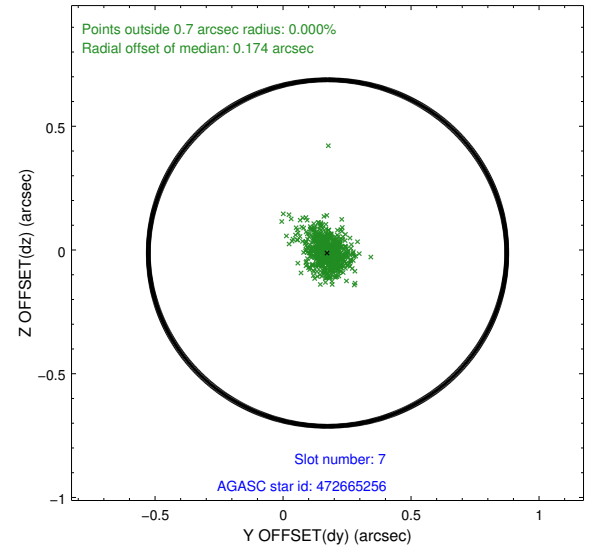
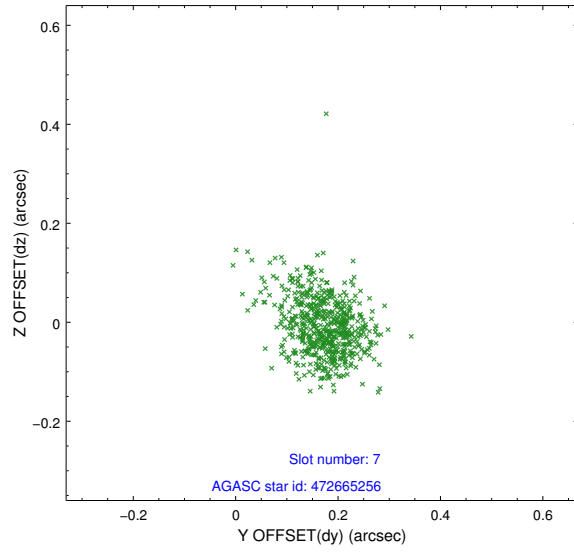
2.4.3 Slot 5



2.4.4 Slot 6

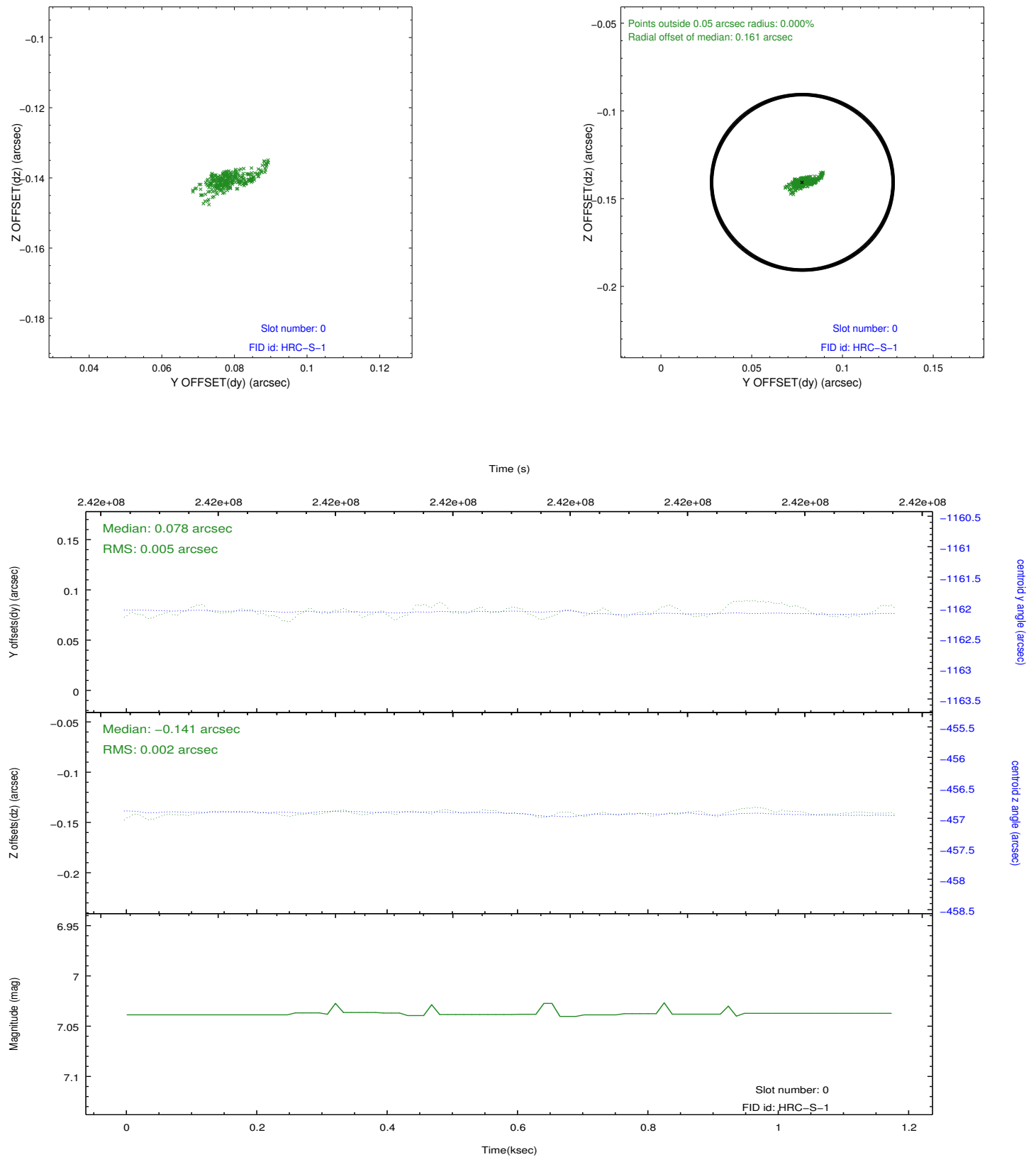


2.4.5 Slot 7

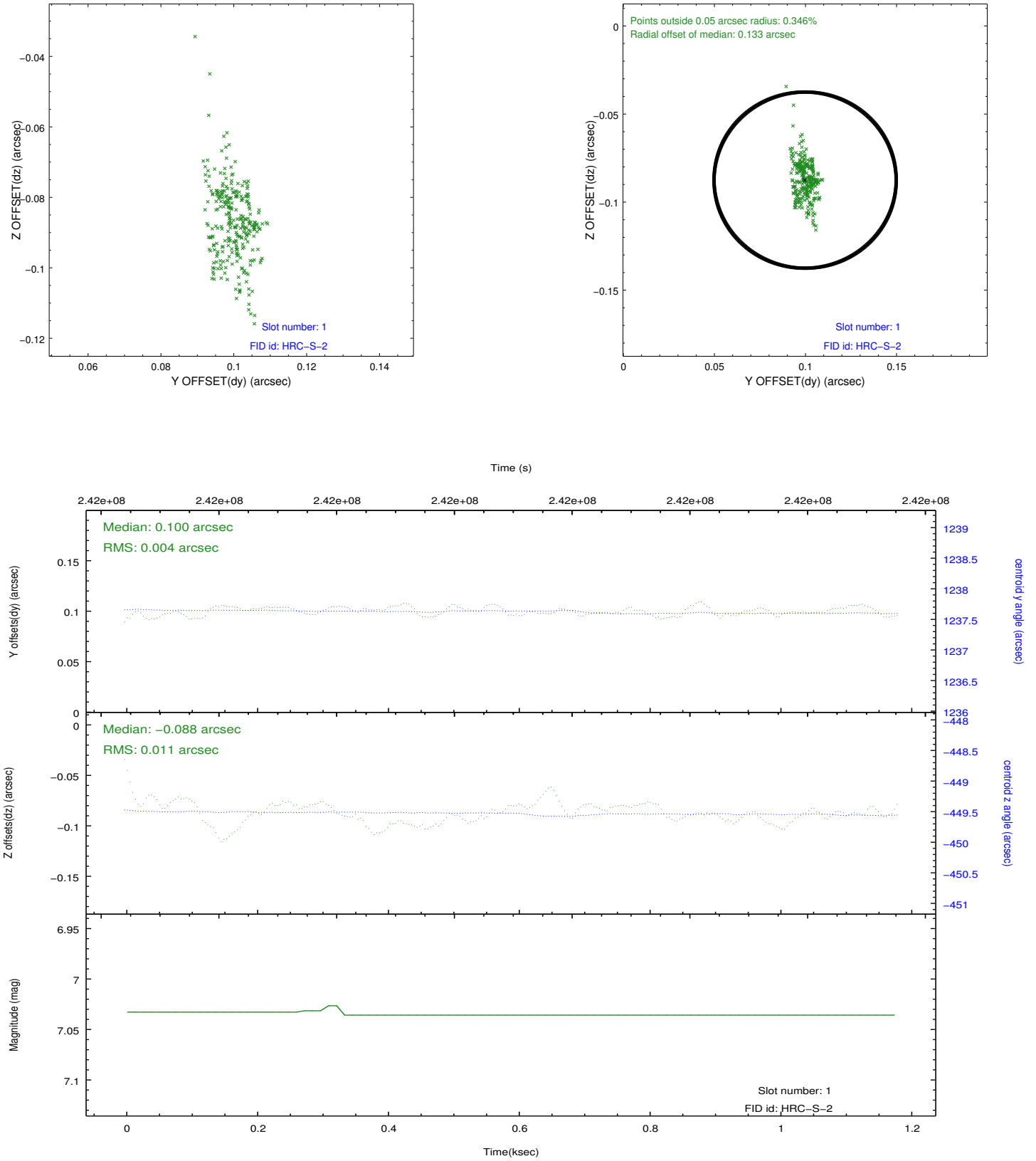


2.5 FID Slots

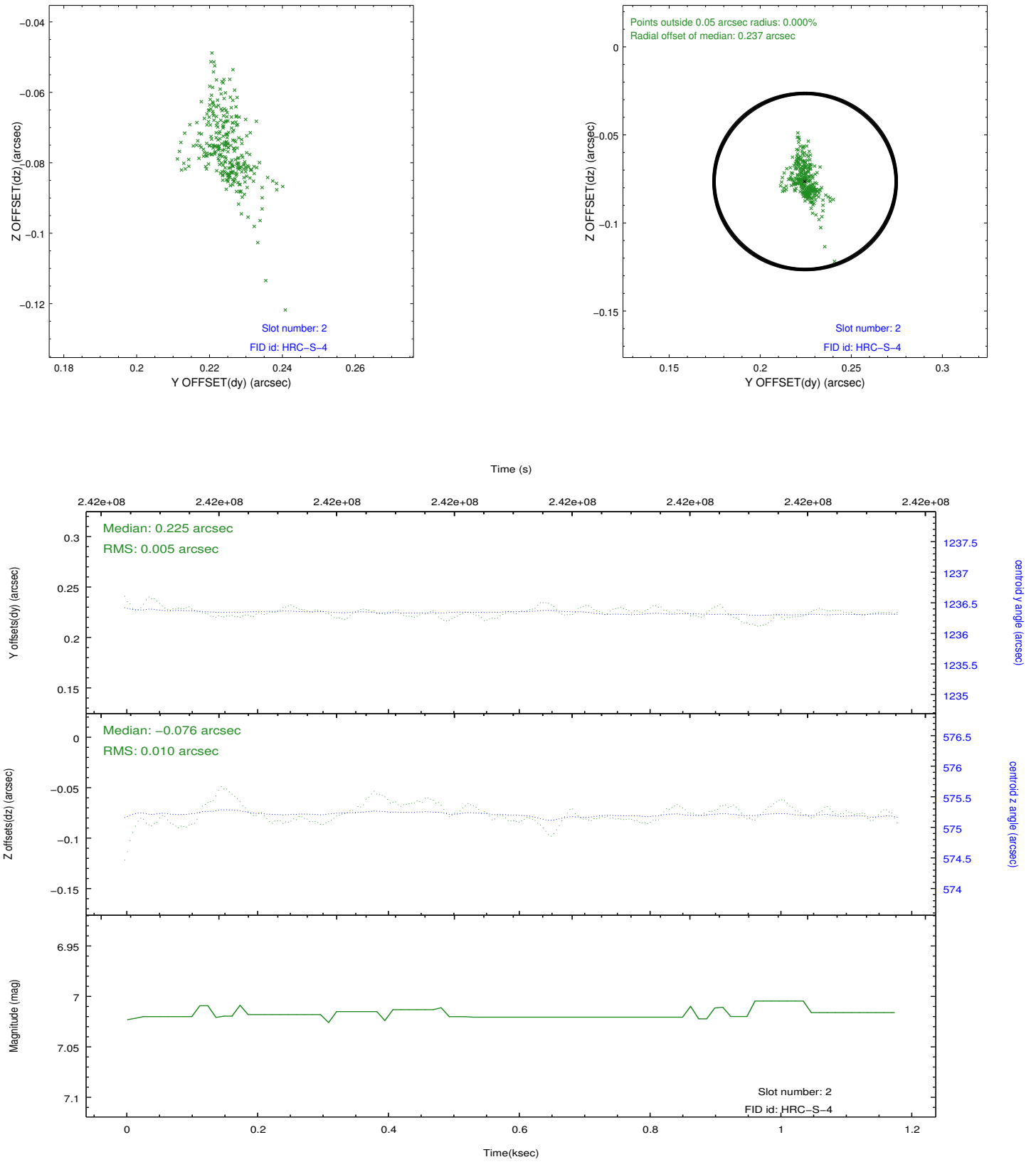
2.5.1 Slot 0



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)	2013.01.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.151331

A.2 Comments