

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 6034 - L2 Version 3
Chandra X-Ray Center

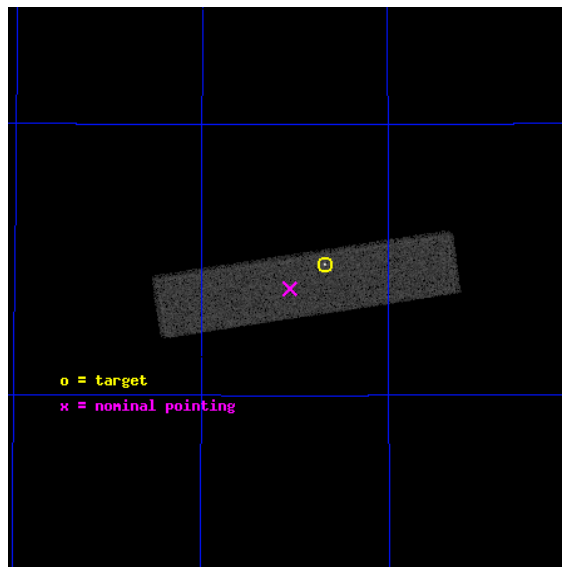
L2 Processing Date : Dec 17 2012

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1 Front

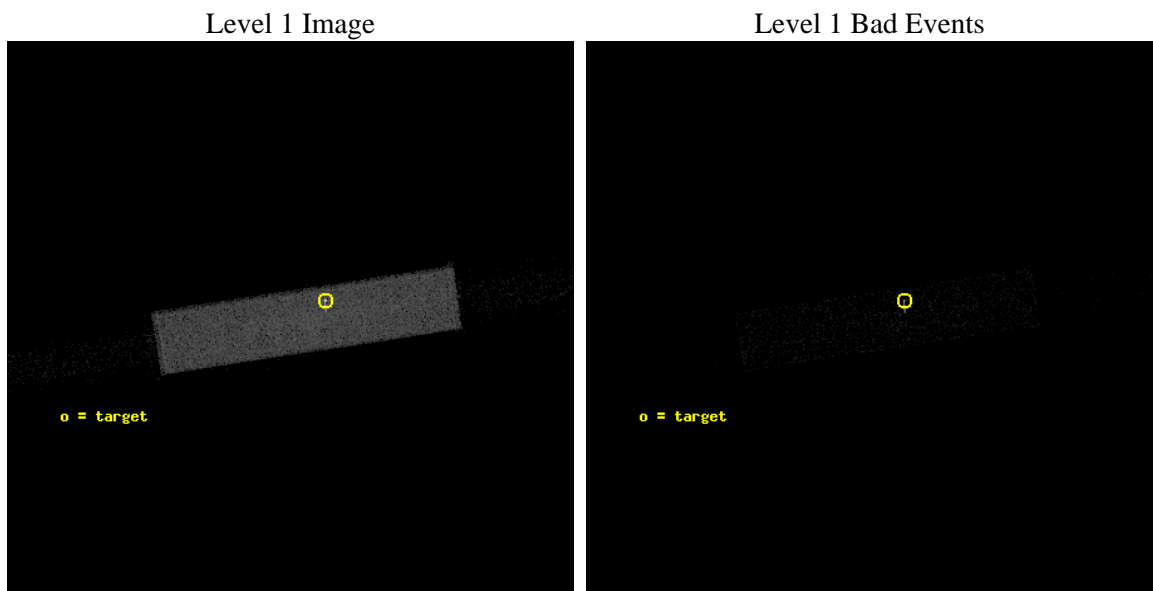
seq_num	290526	Sequence number
obs_id	6034	Observation id
title	AO6A Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.26322563237	Nominal RA [deg]
dec_nom	45.697319011425	Nominal Dec [deg]
roll_nom	351.27635712632	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1157.4813023508	[s]
livetime	1150.5740835631	Ontime multiplied by DTCOR
l2events	47989	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	1157.4813023508	[s]
caldsver	4.5.5	 	l1events	77418	Number of level 1 events
date	2012-12-17T04:30:24	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

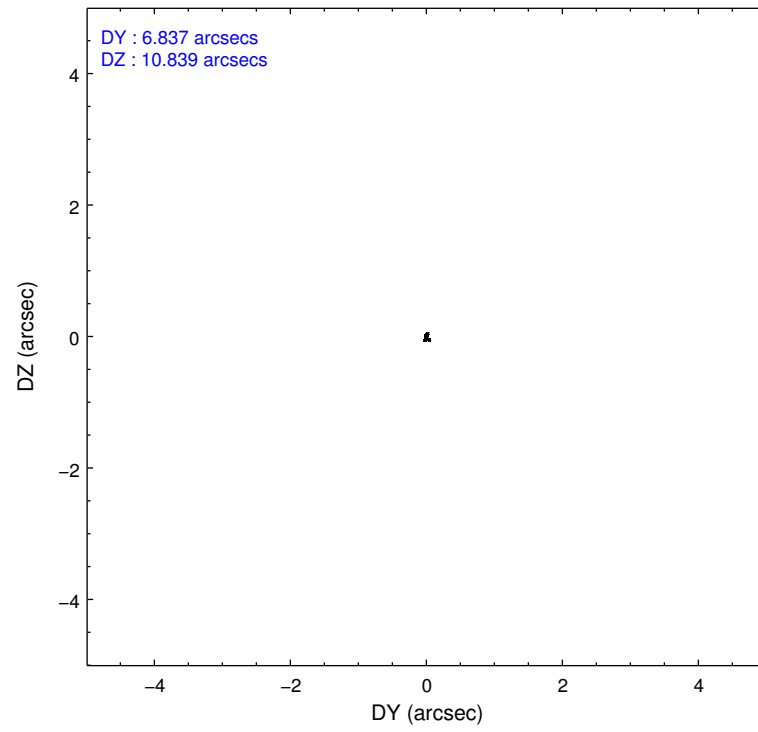
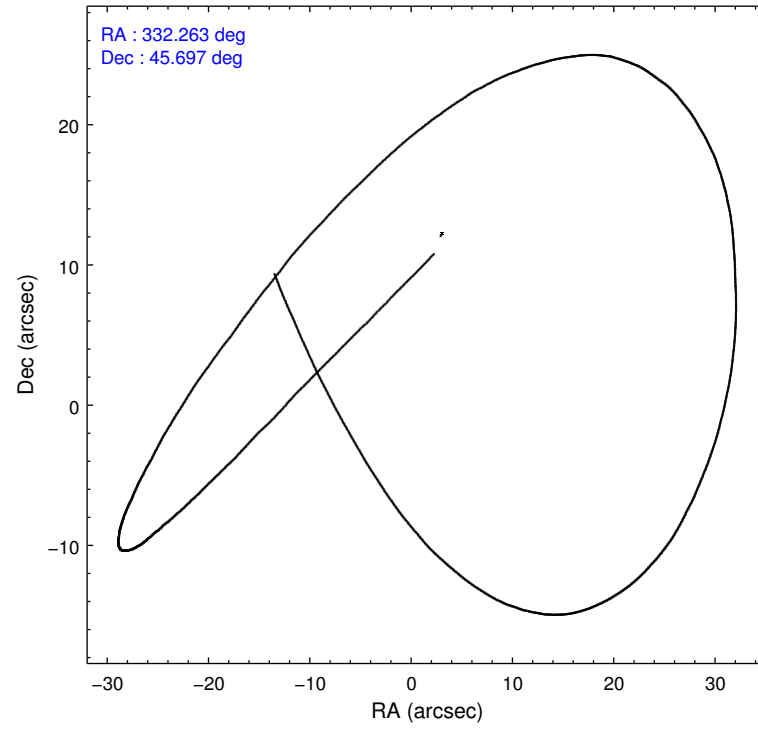
Level 1 Events

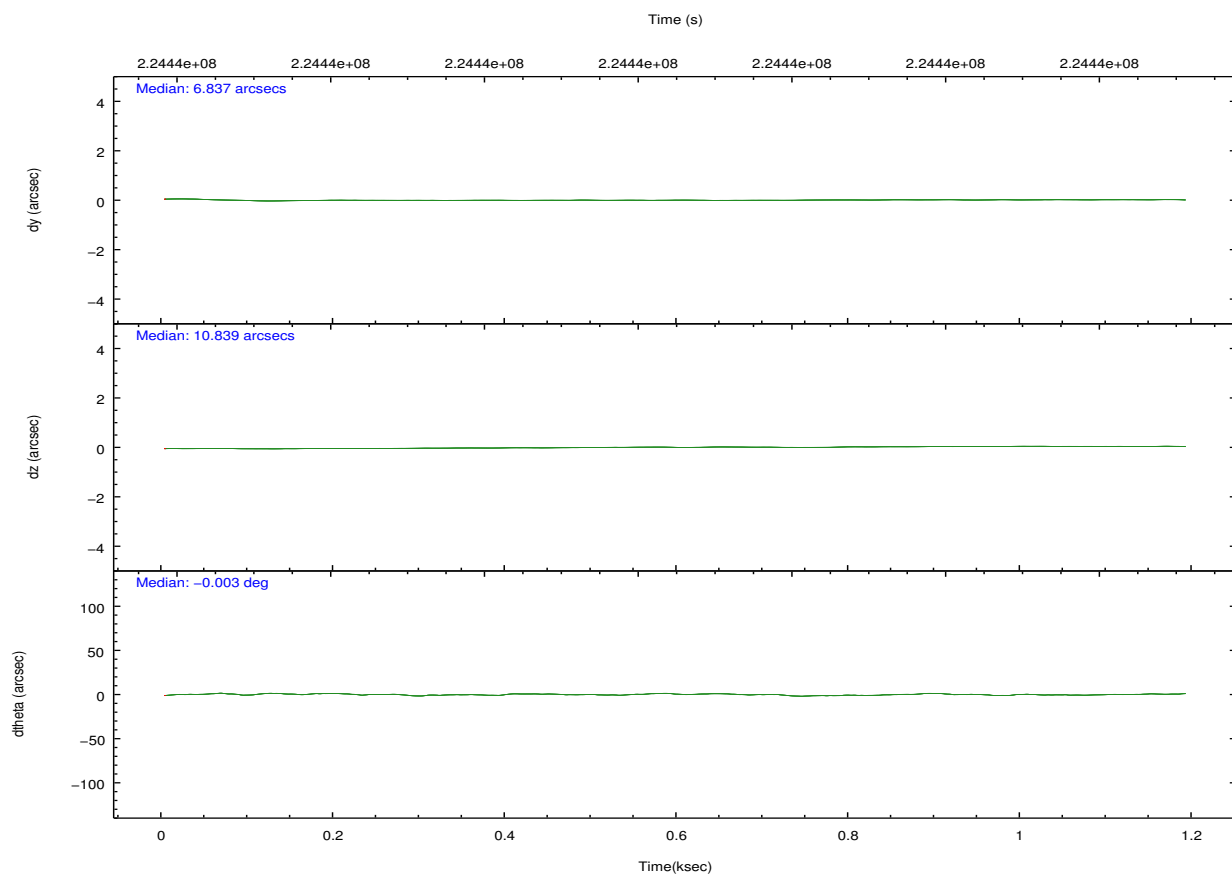
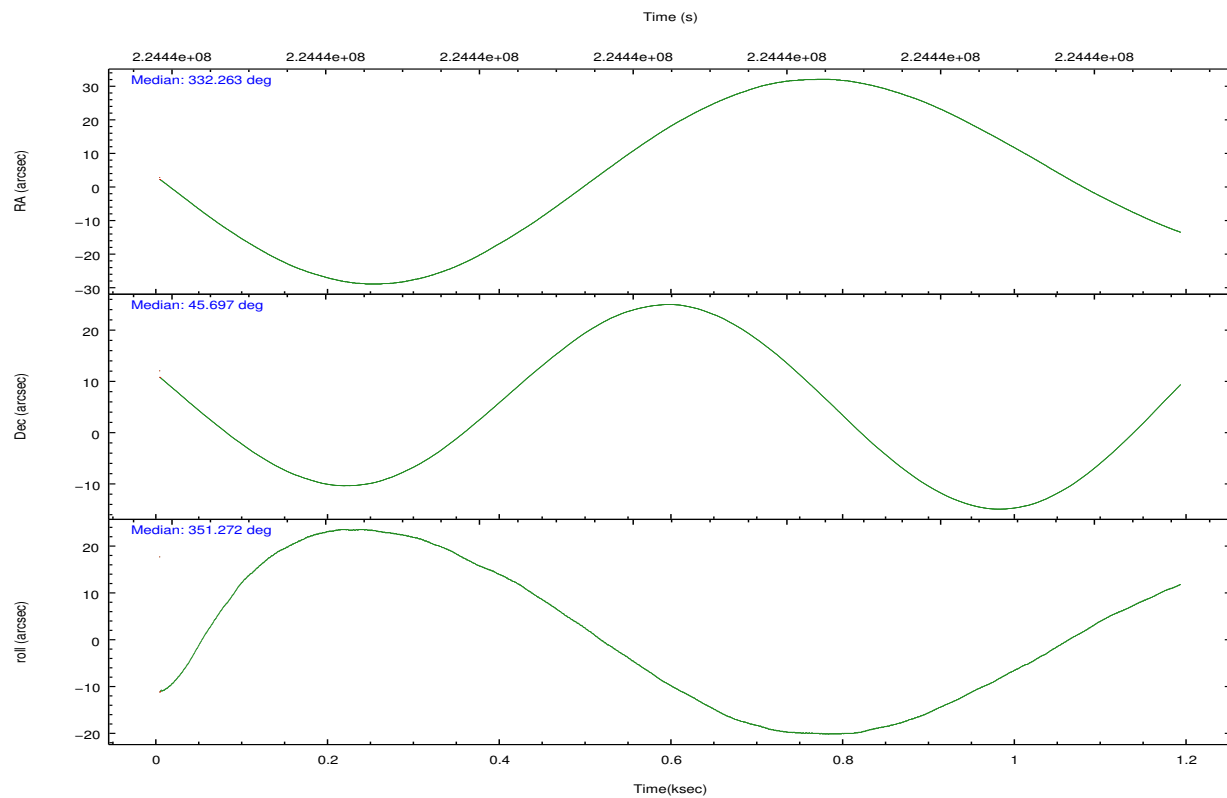
	segment 1	segment 2	segment 3
level 1 events	653	76138	627
rejected events	653	17176	627
rejected %	100%	22%	100%

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	332.226340	332.2632256323685			
[deg] Pointing Dec	45.686685	45.69731901142463			
[deg] Pointing Roll	351.235472	351.2763571263187			
[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)	224441843.184000	224441466.60826			
Observation start date	2005-02-10T16:56:19	2005-02-10T16:51:06			
[s] Observation end time (MET)	224442843.184000	224442976.43333			
Observation end date	2005-02-10T17:12:59	2005-02-10T17:16:16			

2.3 Aspect



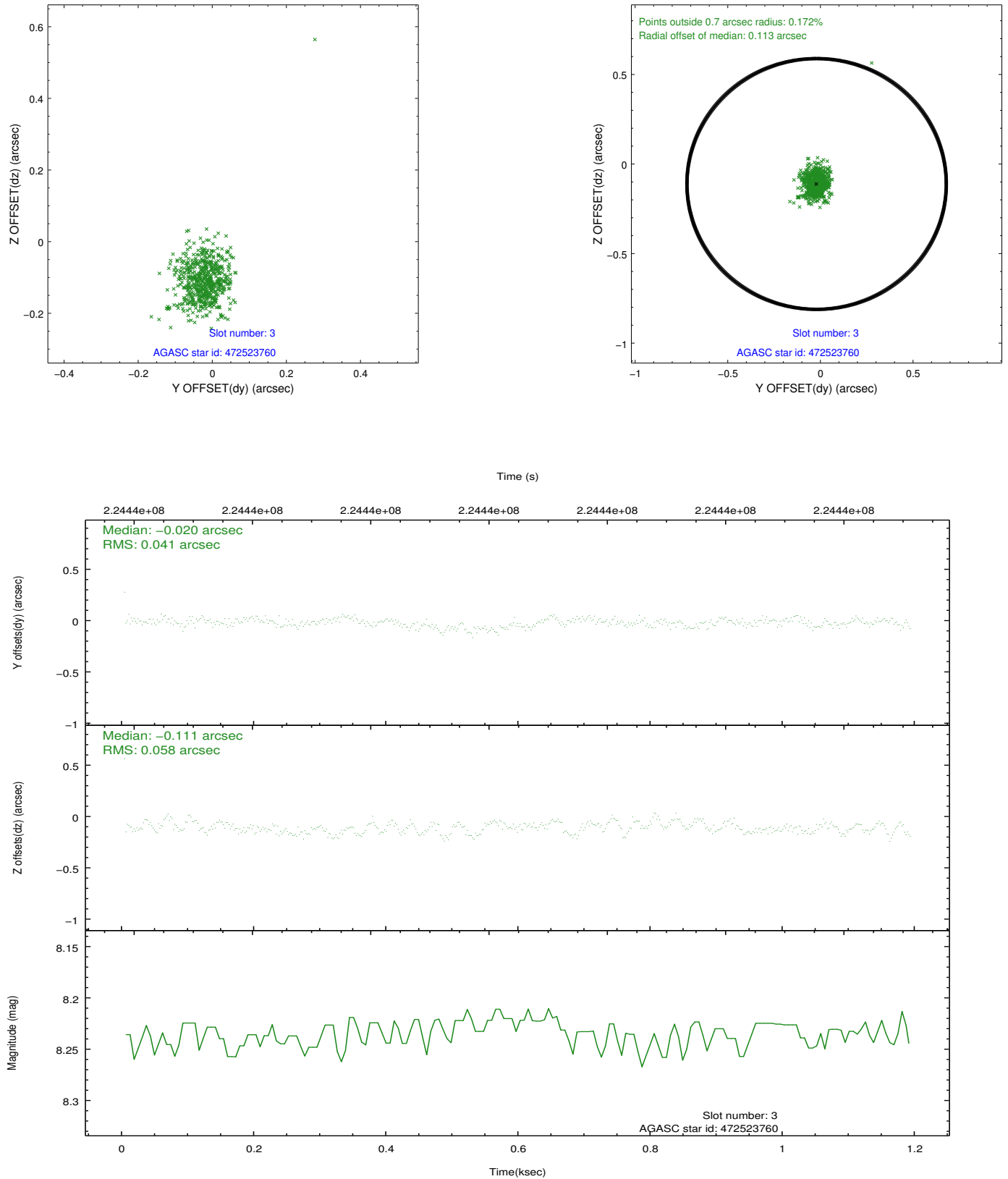


Slot Statistics

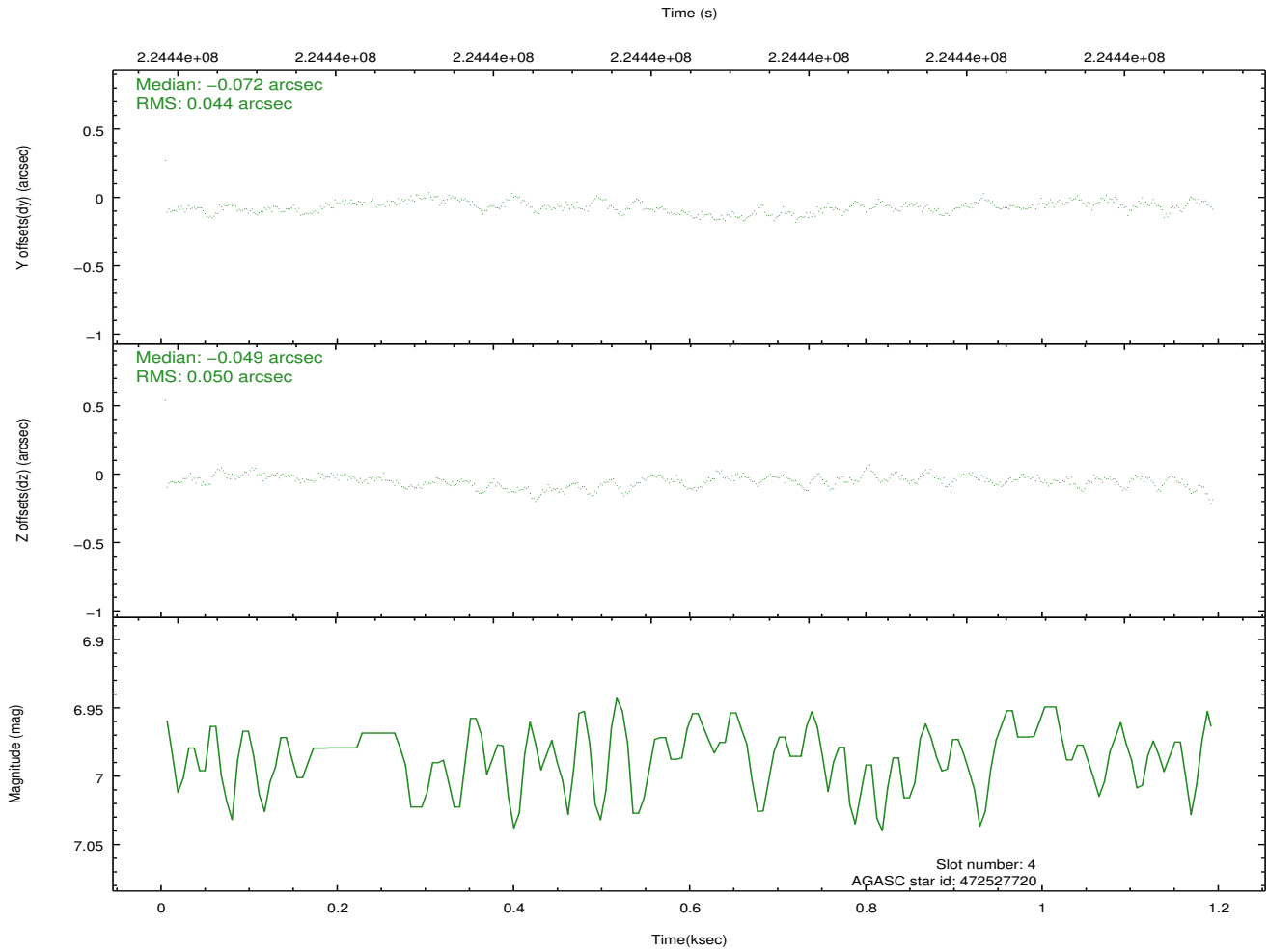
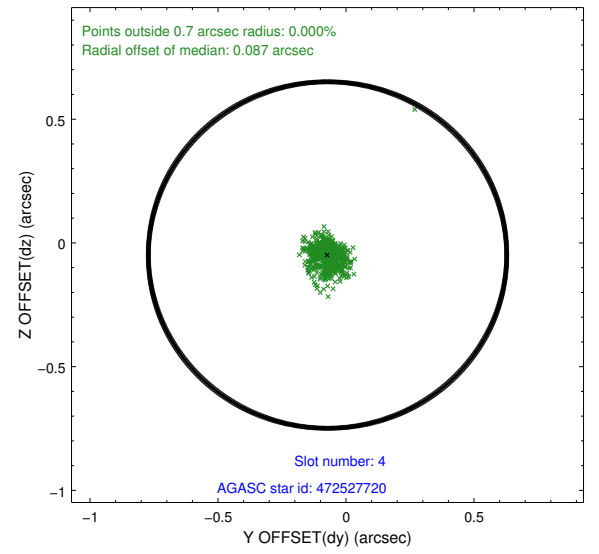
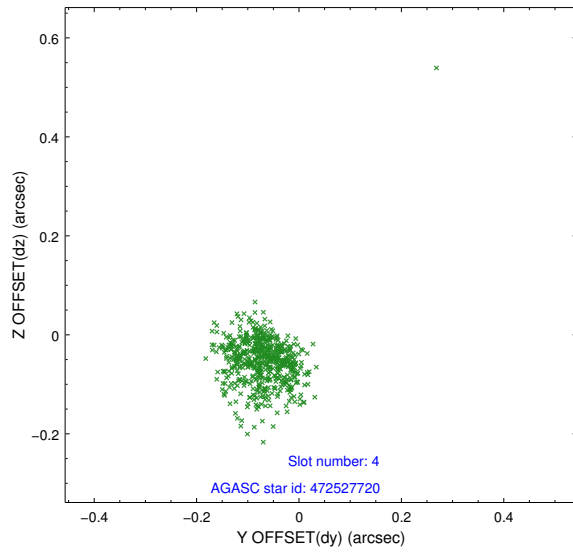
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.02	291	0.110	-0.172	0.006	0.012	0.000000	0.000000	-1161.00	-459.54
1	FID	HRC-S-2	7.02	291	0.186	-0.115	0.005	0.010	0.000000	0.000000	1234.76	-453.73
2	FID	HRC-S-3	7.03	291	0.095	-0.014	0.007	0.016	0.000000	0.000000	-1159.49	568.59
3	GUIDE	472523760	8.23	581	-0.020	-0.111	0.066	0.114	331.645363	45.403260	-1295.92	-1222.97
4	GUIDE	472527720	6.98	581	-0.072	-0.049	0.063	0.104	331.460205	45.112509	-1611.60	-2328.44
5	GUIDE	472535576	7.86	581	-0.039	0.074	0.059	0.104	331.438373	46.291802	-2272.93	1864.05
6	GUIDE	472655152	9.42	581	0.202	0.064	0.096	0.163	332.504239	45.862991	588.66	742.13
7	GUIDE	472665256	9.01	580	-0.068	0.028	0.095	0.156	332.808125	46.195041	1154.71	2040.49

2.4 Star Slots

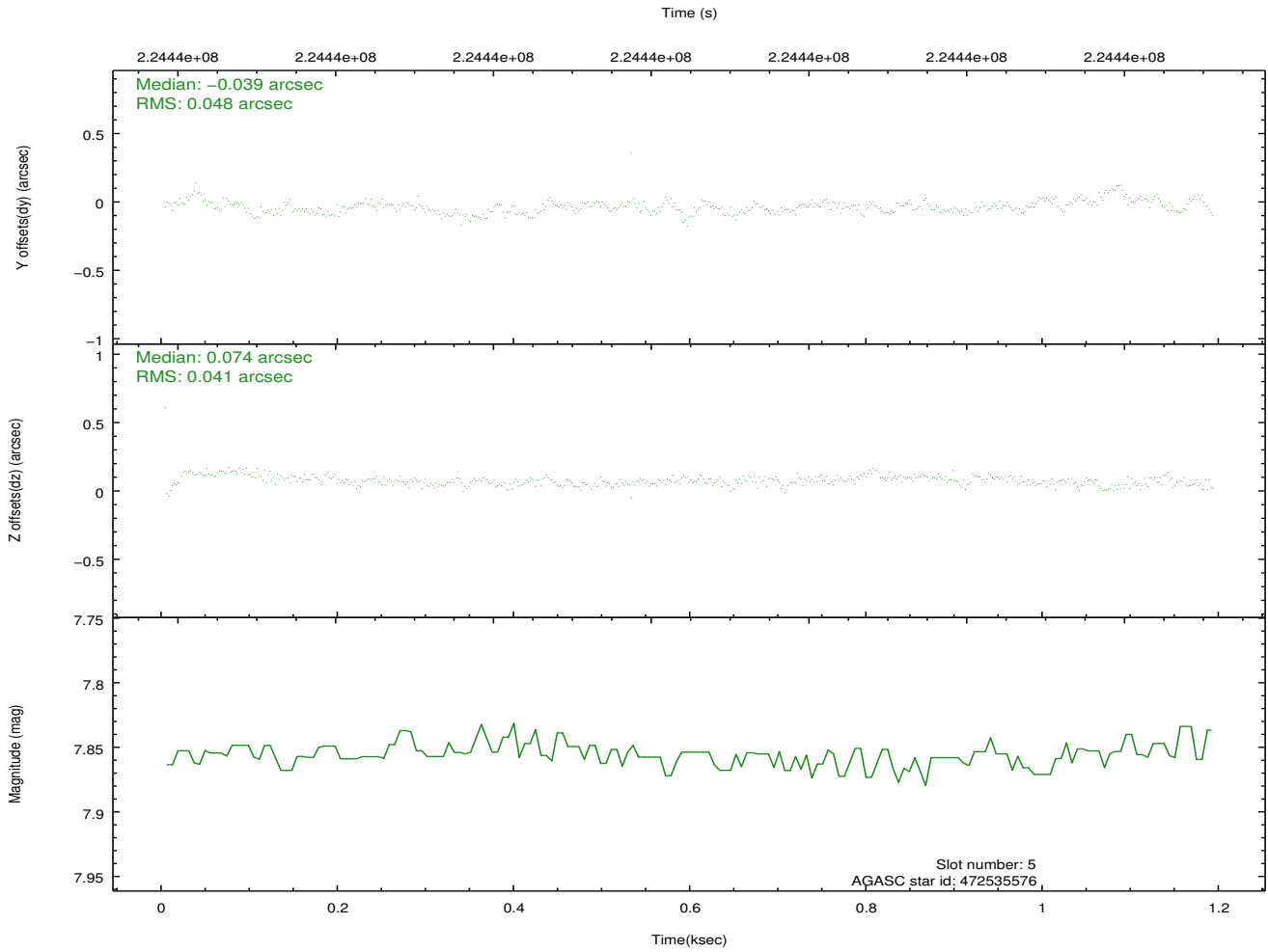
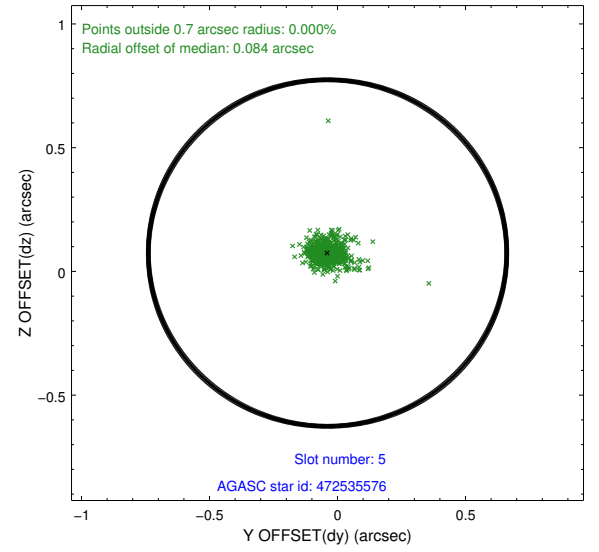
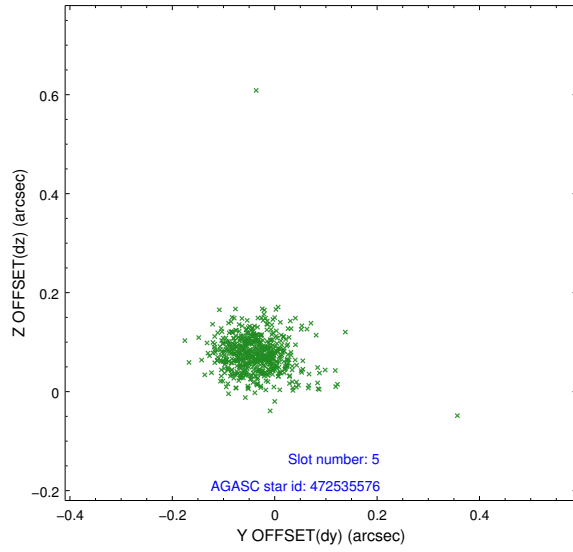
2.4.1 Slot 3



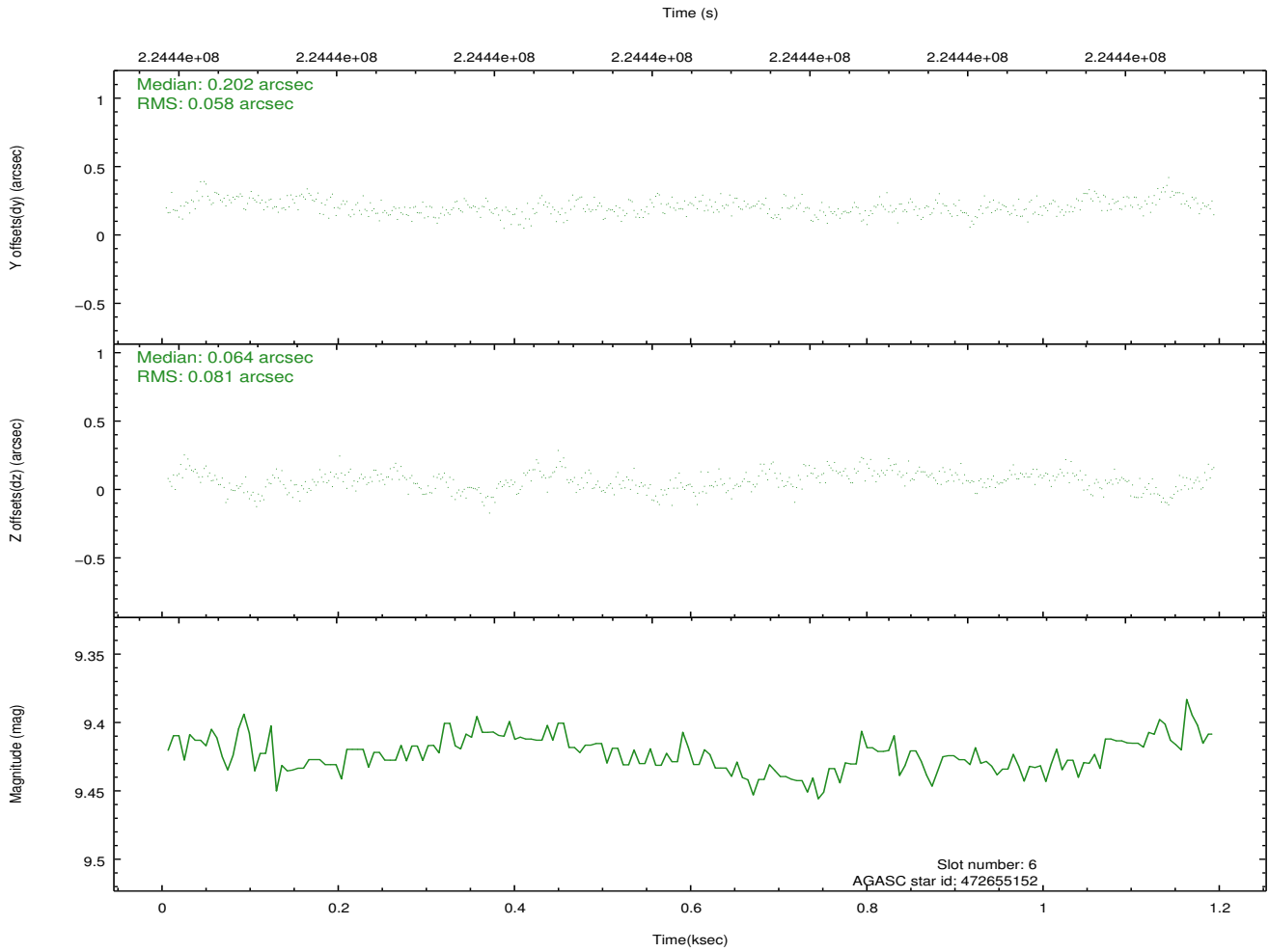
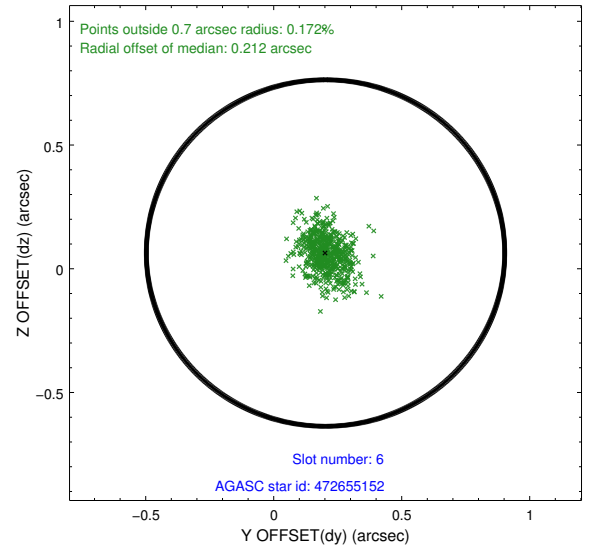
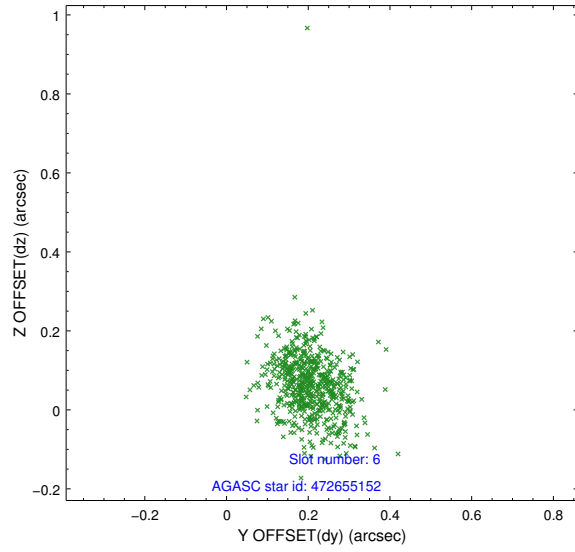
2.4.2 Slot 4



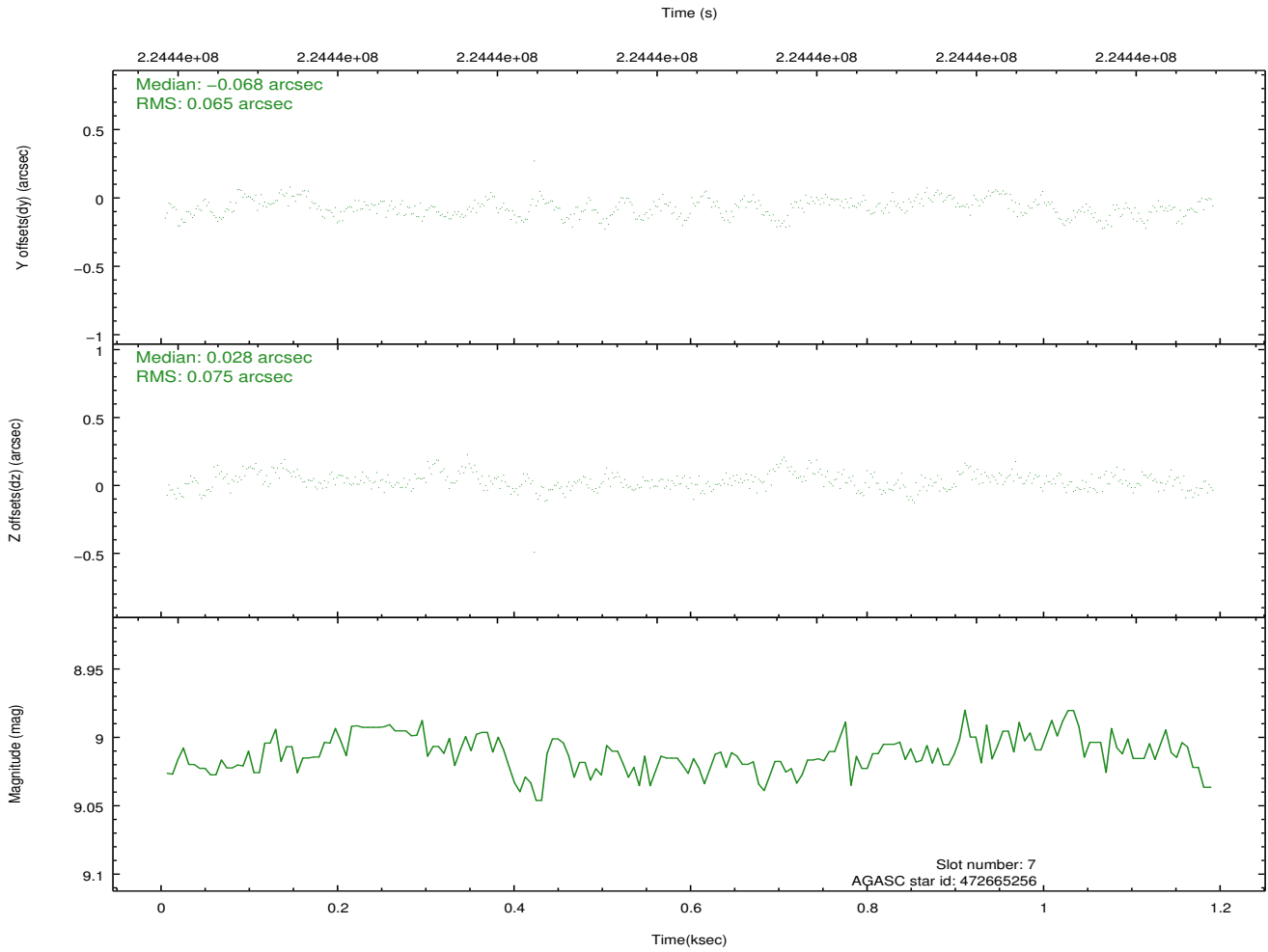
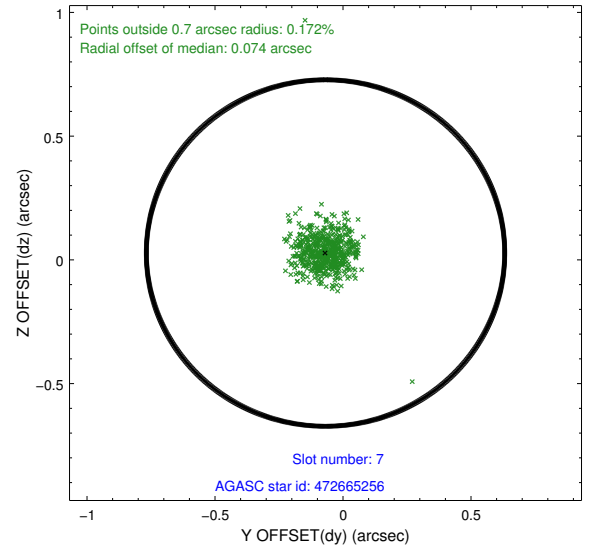
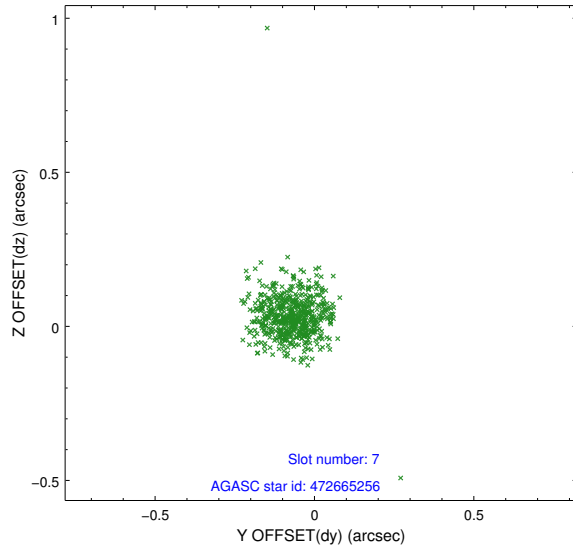
2.4.3 Slot 5



2.4.4 Slot 6

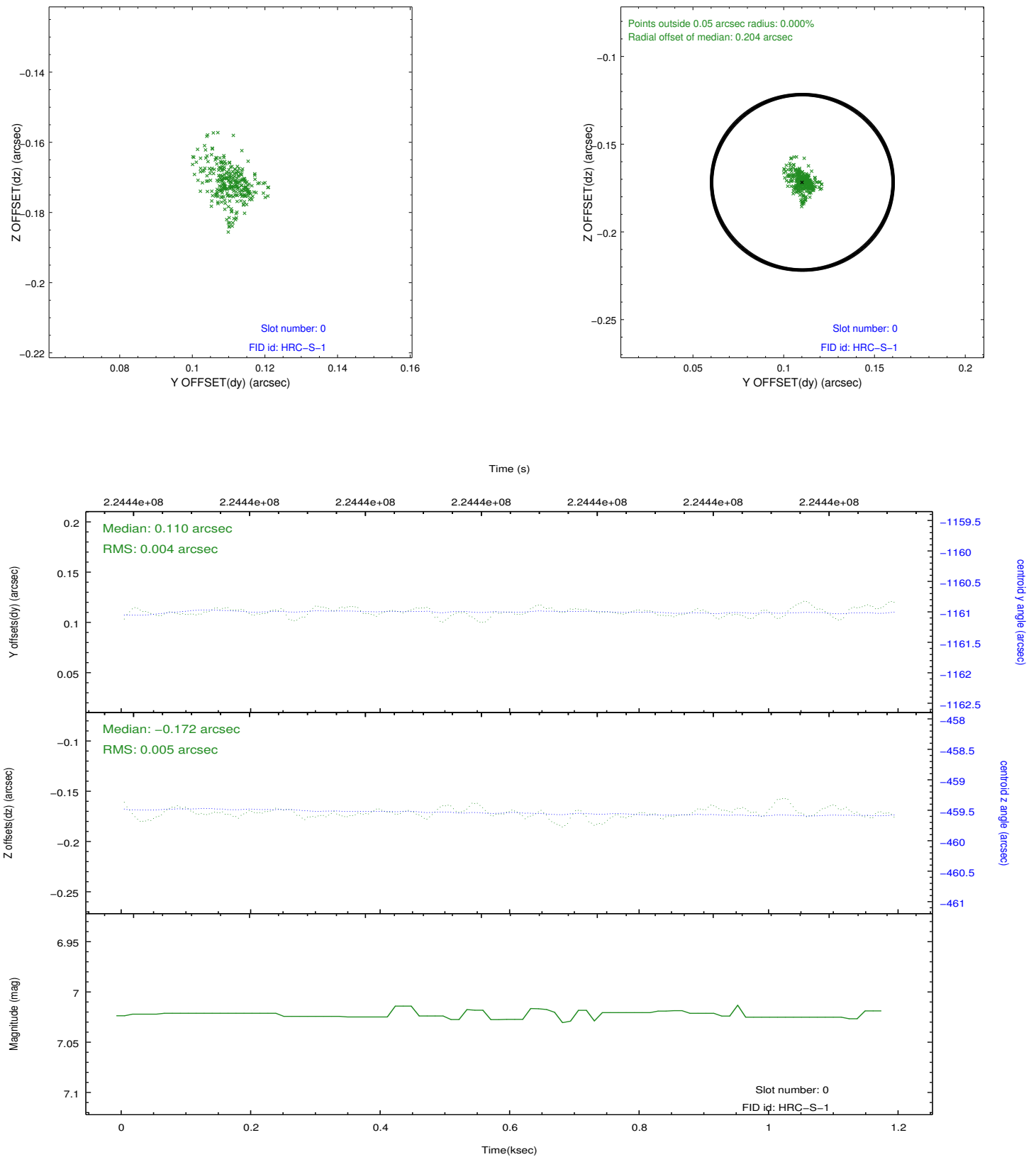


2.4.5 Slot 7

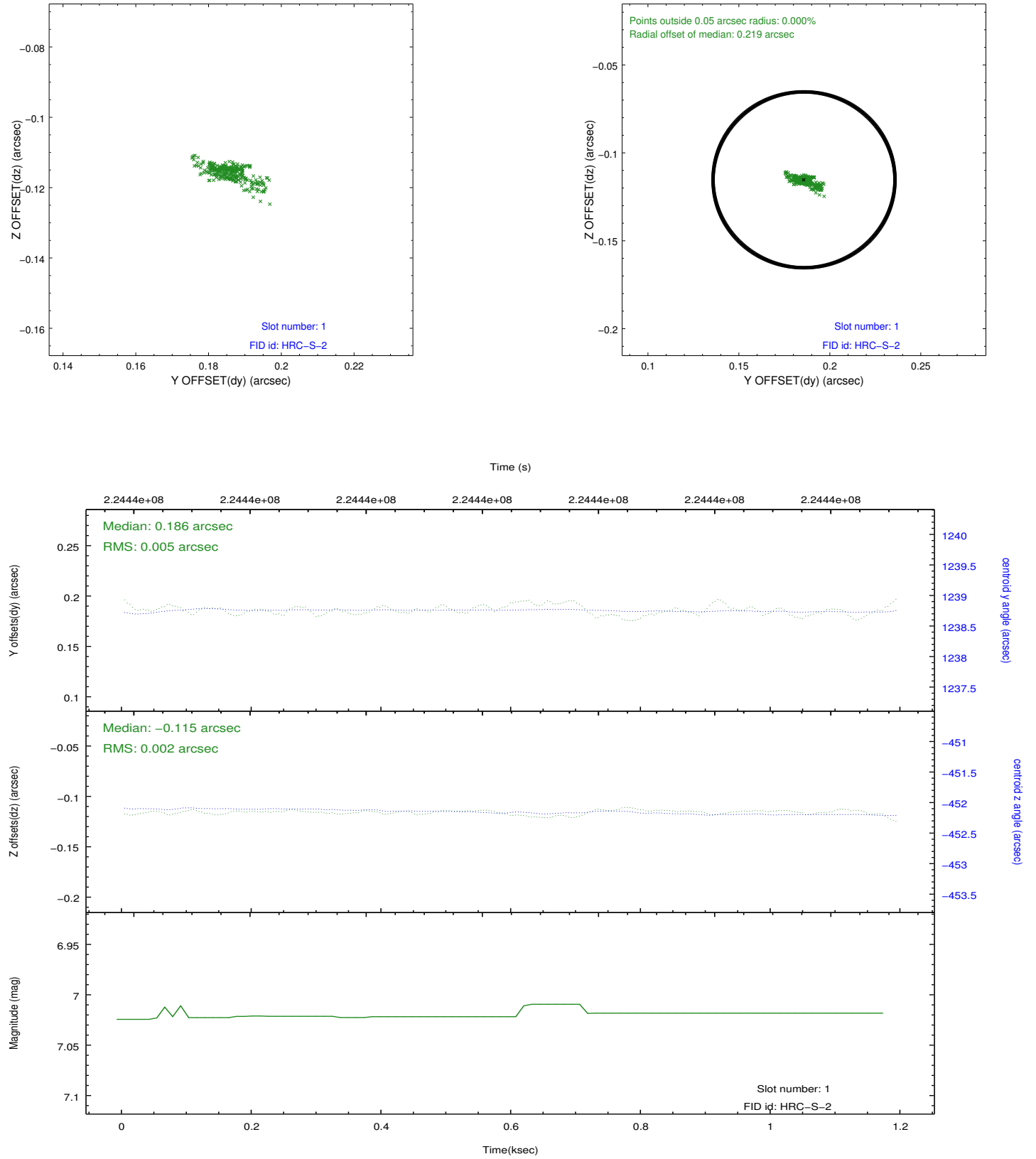


2.5 FID Slots

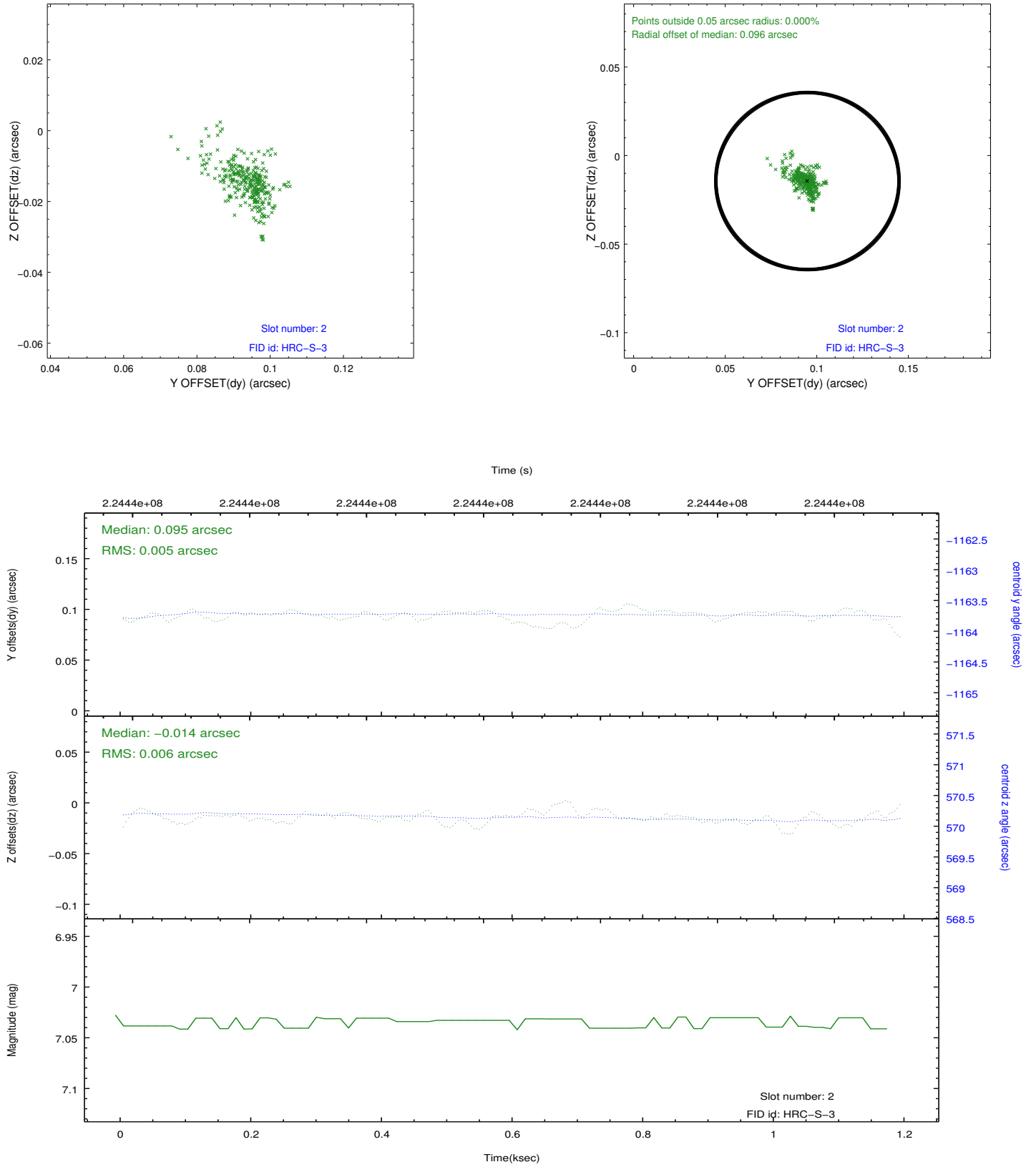
2.5.1 Slot 0



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)	2013.01.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.157481

A.2 Comments