

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 6035 - L2 Version 3
Chandra X-Ray Center

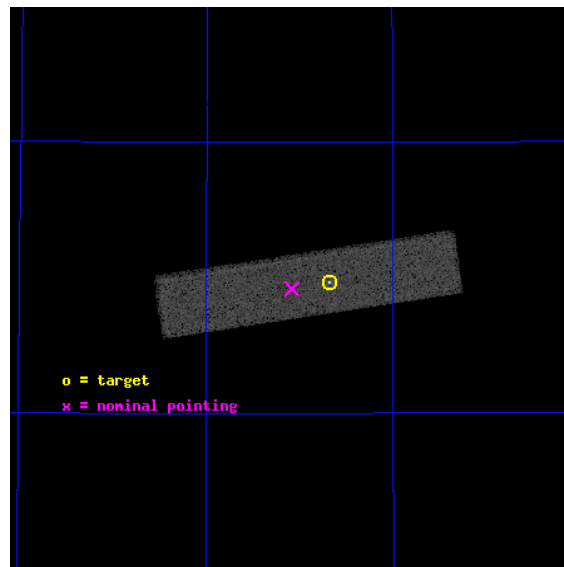
L2 Processing Date : Dec 17 2012

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1 Front

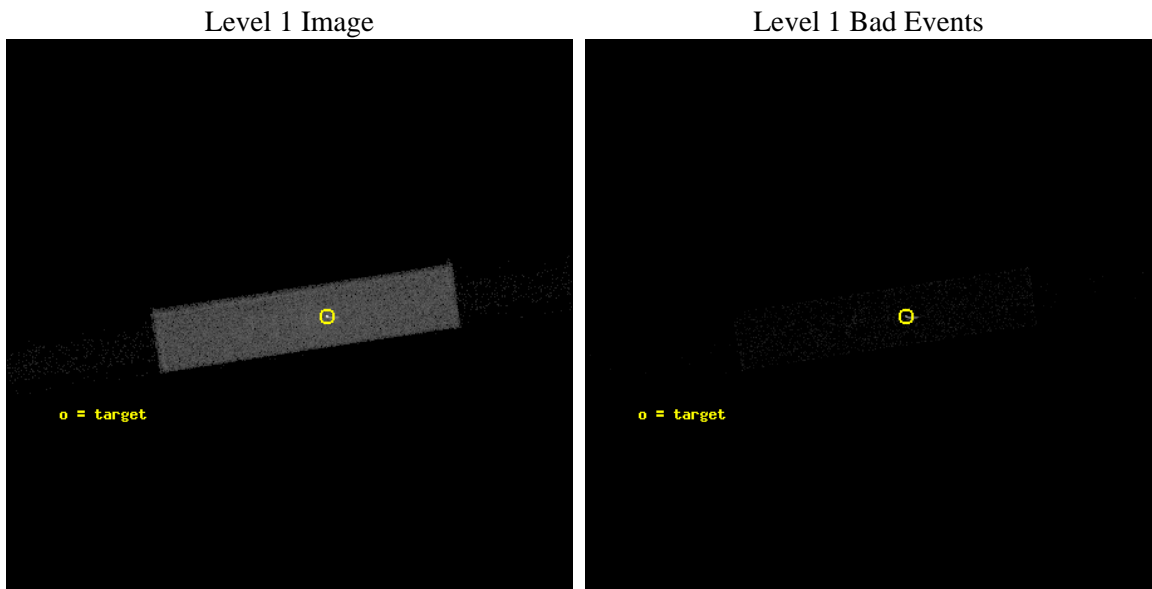
seq_num	290527	Sequence number
obs_id	6035	Observation id
title	AO6A Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.27058872851	Nominal RA [deg]
dec_nom	45.730314476049	Nominal Dec [deg]
roll_nom	351.29034874033	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1153.1250521541	[s]
livetime	1146.0403846564	Ontime multiplied by DTCOR
l2events	49648	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	1153.1250521541	[s]
caldbver	4.5.5	 	l1events	80279	Number of level 1 events
date	2012-12-17T04:32:00	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

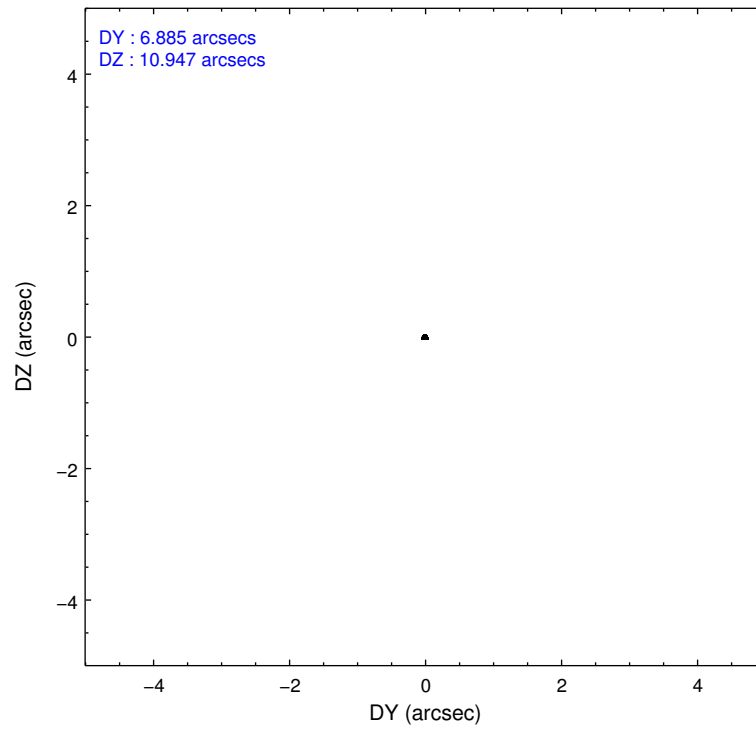
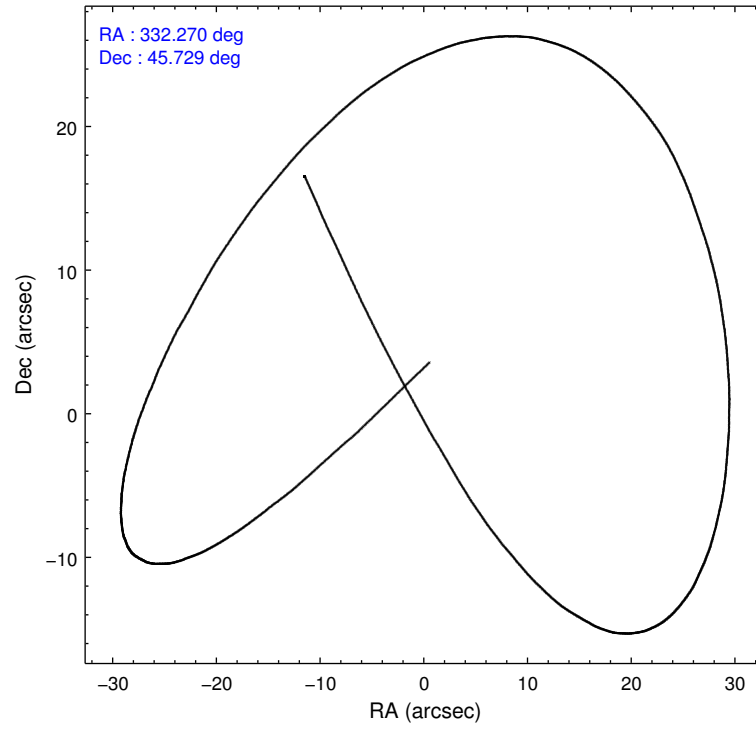
Level 1 Events

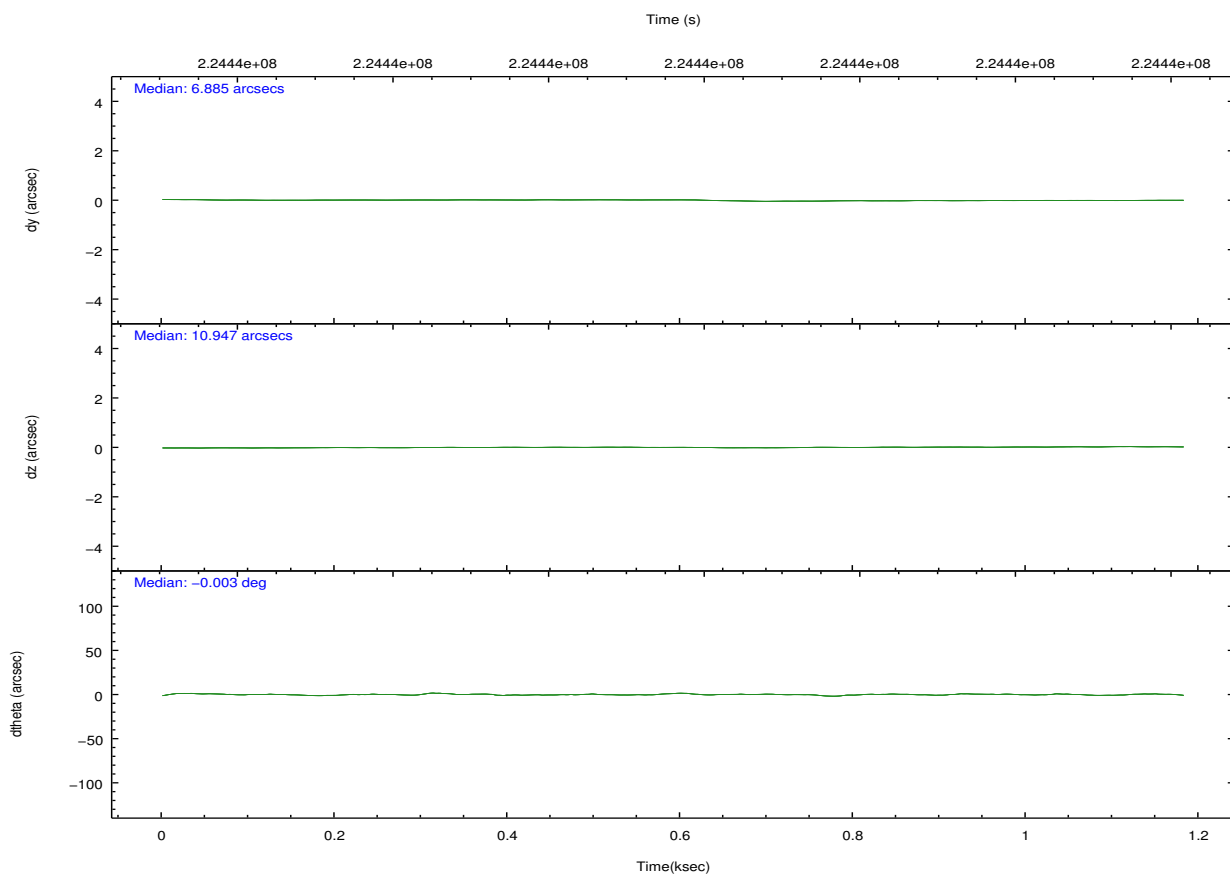
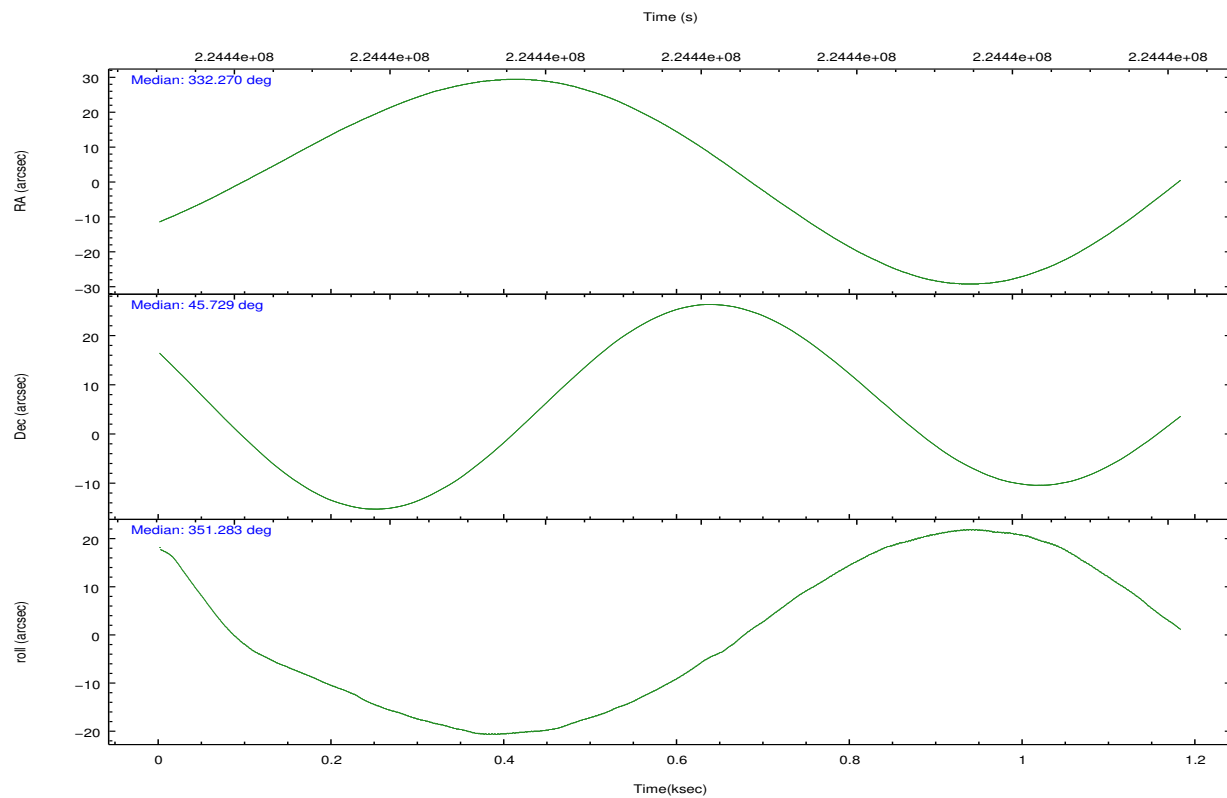
	segment 1	segment 2	segment 3
level 1 events	724	78824	731
rejected events	724	18136	731
rejected %	100%	23%	100%

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	332.233619	332.2705887285107			
[deg] Pointing Dec	45.719640	45.73031447604943			
[deg] Pointing Roll	351.249488	351.290348740326			
[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)	224443353.184000	224442976.43333			
Observation start date	2005-02-10T17:21:29	2005-02-10T17:16:16			
[s] Observation end time (MET)	224444353.184000	224444486.77089			
Observation end date	2005-02-10T17:38:09	2005-02-10T17:41:26			

2.3 Aspect



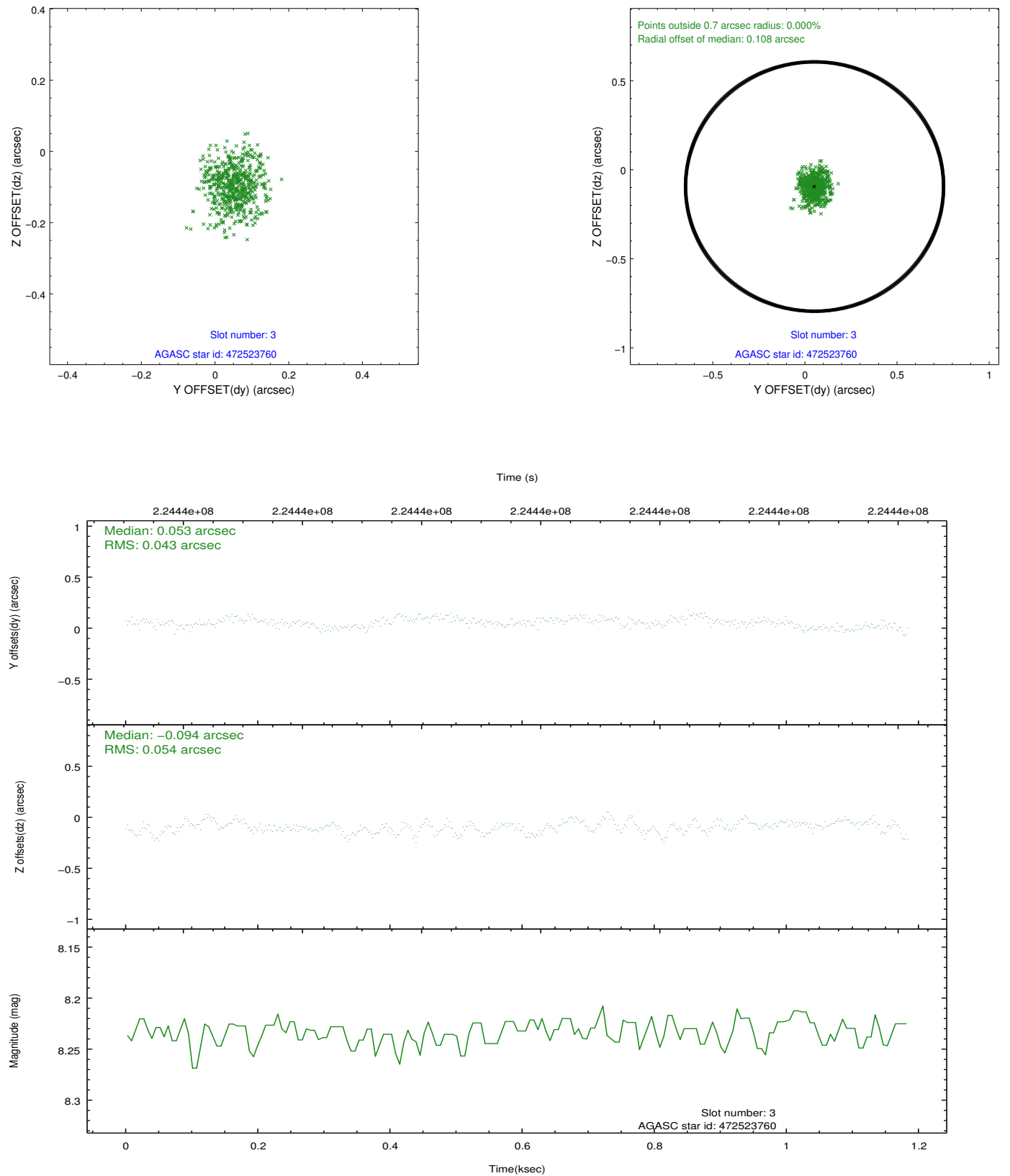


Slot Statistics

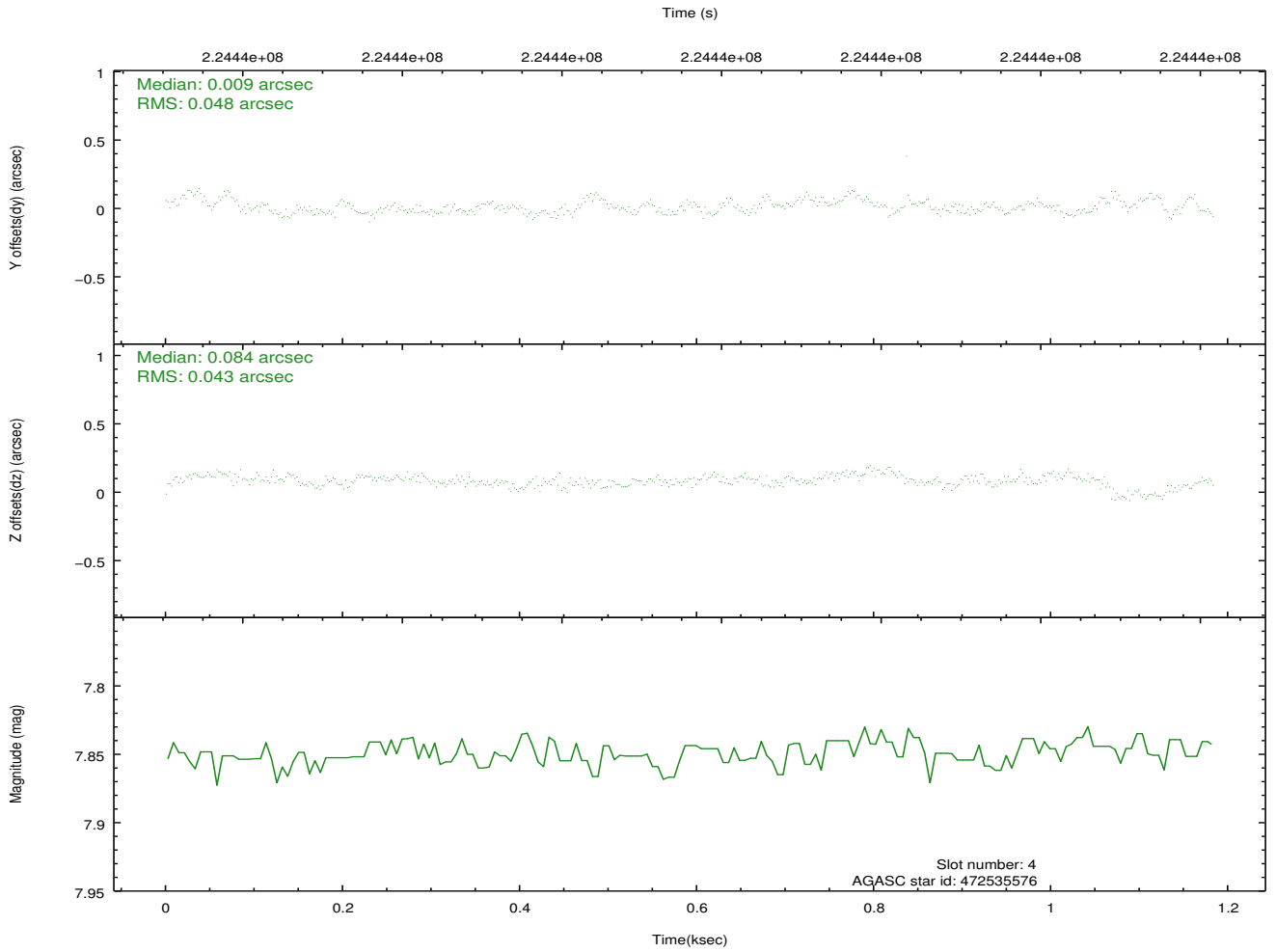
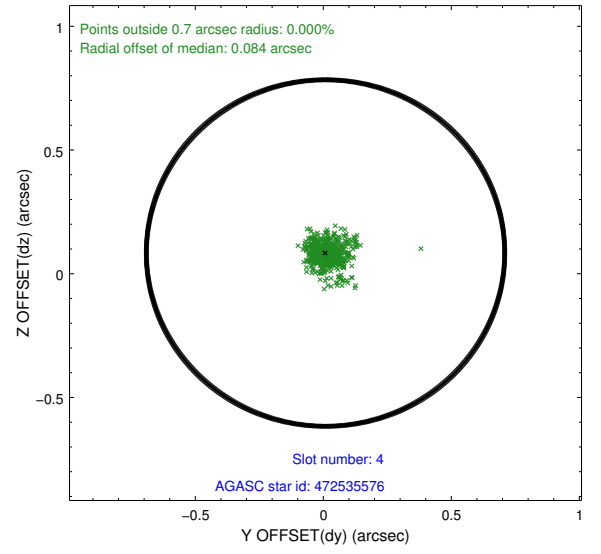
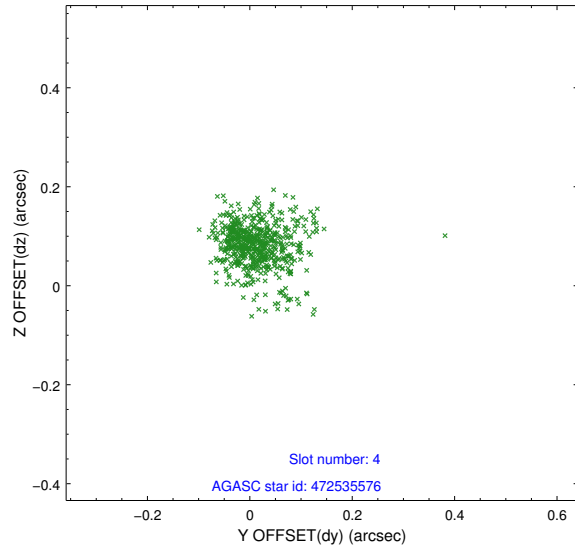
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.03	289	0.113	-0.166	0.007	0.011	0.000000	0.000000	-1161.04	-459.65
1	FID	HRC-S-2	7.02	289	0.184	-0.116	0.005	0.009	0.000000	0.000000	1234.69	-453.85
2	FID	HRC-S-3	7.03	289	0.093	-0.019	0.008	0.011	0.000000	0.000000	-1159.50	568.46
3	GUIDE	472523760	8.23	578	0.053	-0.094	0.074	0.119	331.645363	45.403260	-1296.45	-1342.65
4	GUIDE	472535576	7.85	578	0.009	0.084	0.063	0.121	331.438373	46.291802	-2272.03	1746.33
5	GUIDE	472536328	8.14	578	-0.022	0.058	0.071	0.121	331.496671	46.454831	-2214.24	2353.25
6	GUIDE	472665256	9.01	578	-0.014	0.028	0.087	0.143	332.808125	46.195041	1150.29	1922.86
7	GUIDE	472527720	6.99	577	-0.037	-0.063	0.066	0.111	331.460205	45.112509	-1608.29	-2442.61

2.4 Star Slots

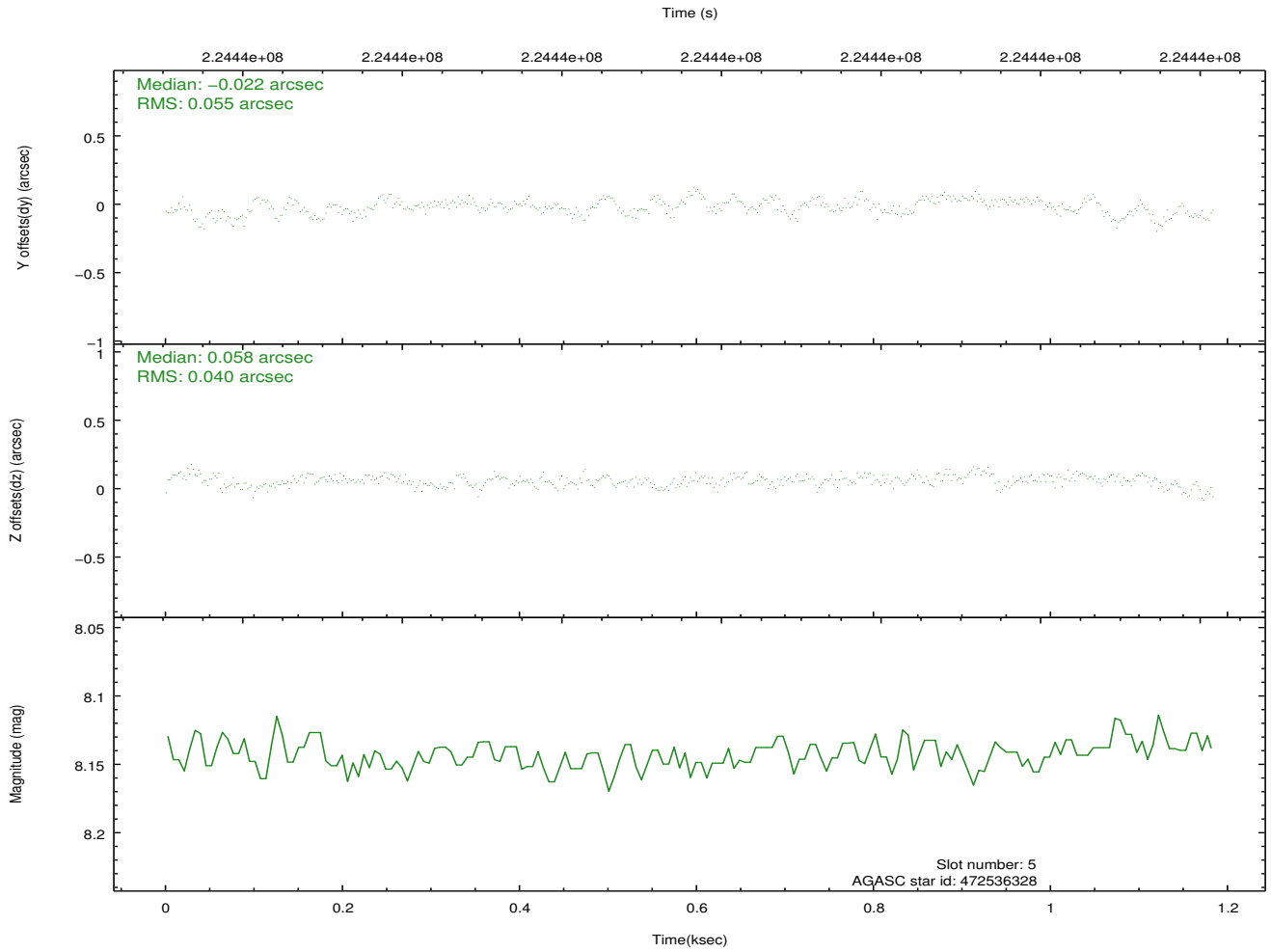
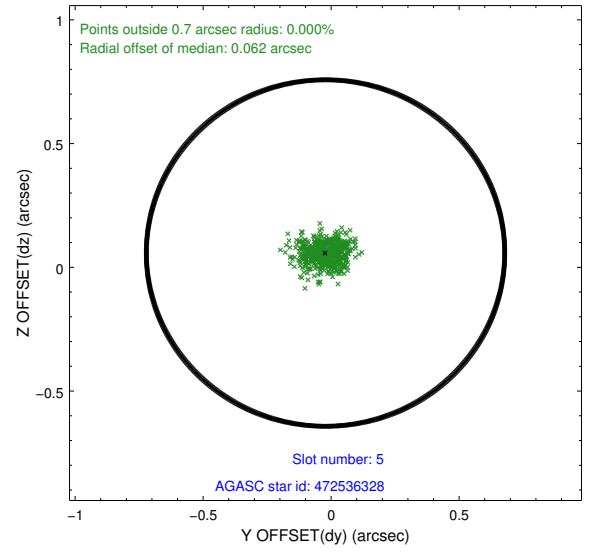
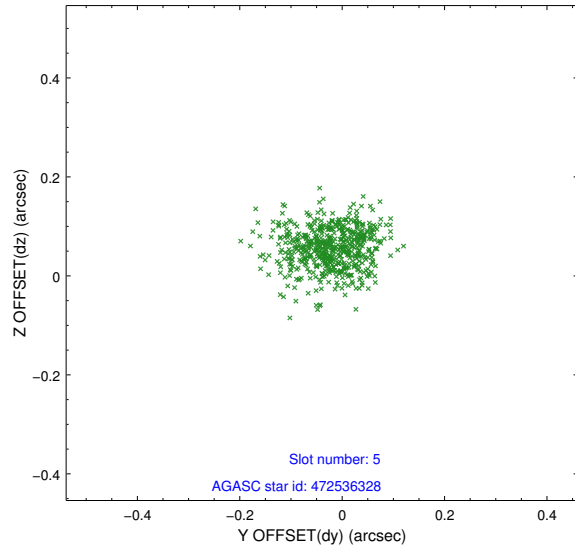
2.4.1 Slot 3



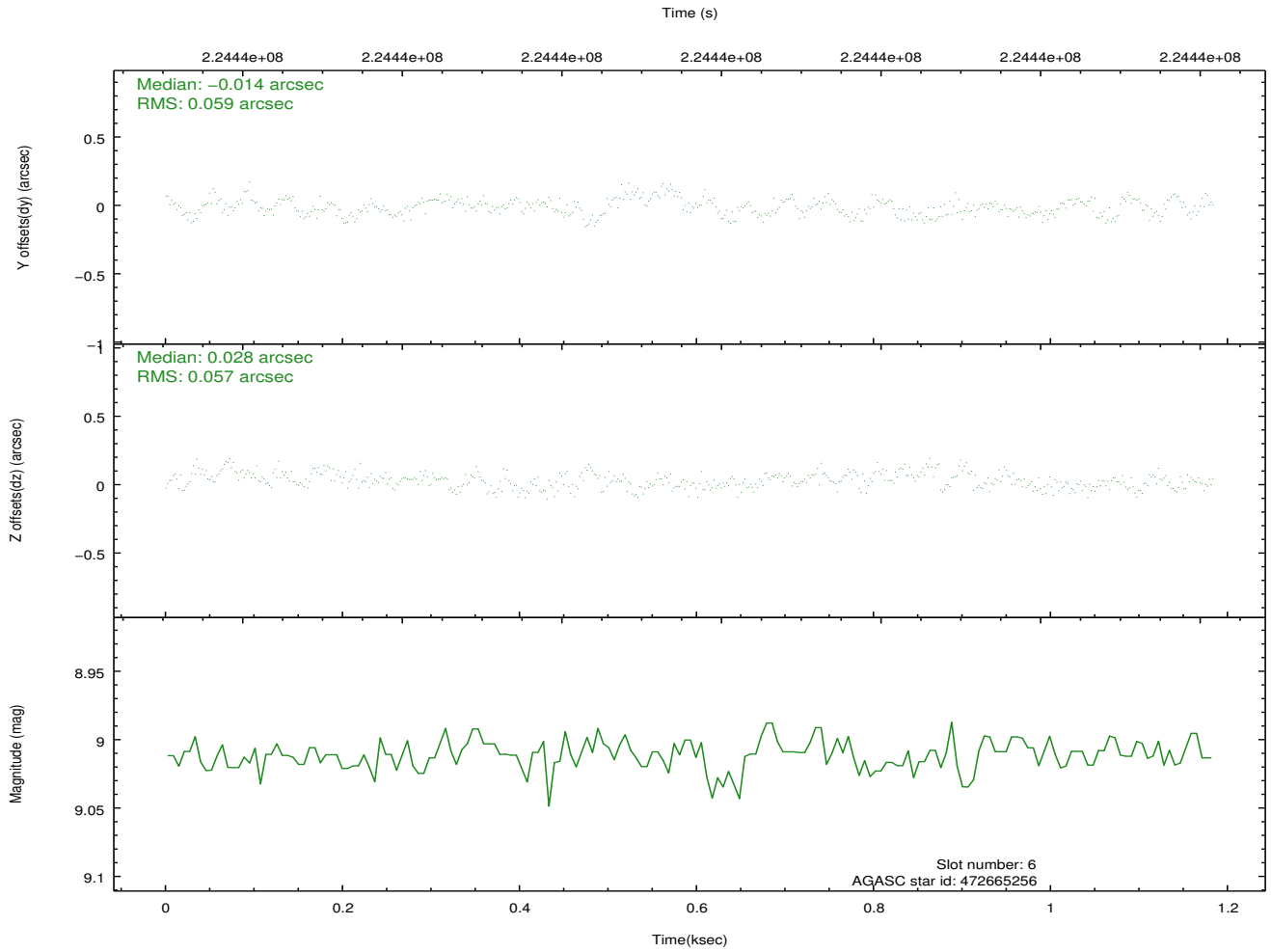
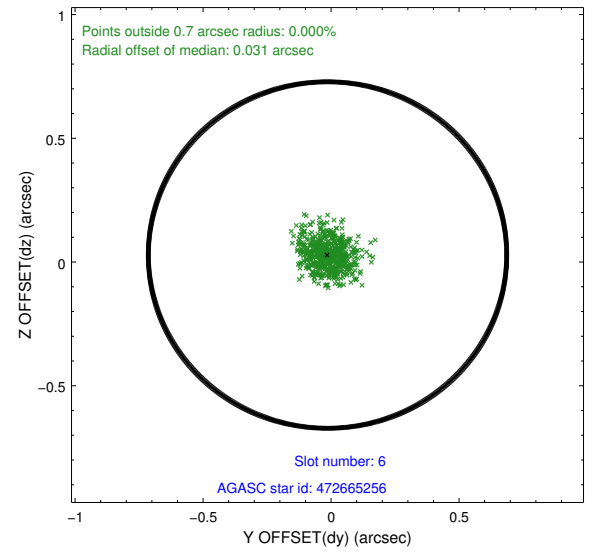
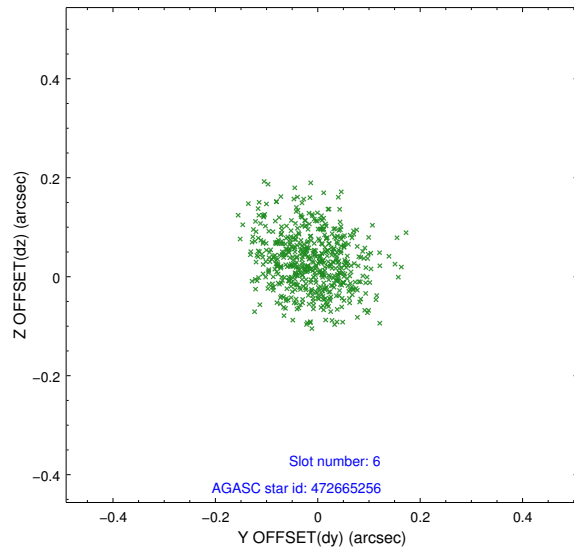
2.4.2 Slot 4



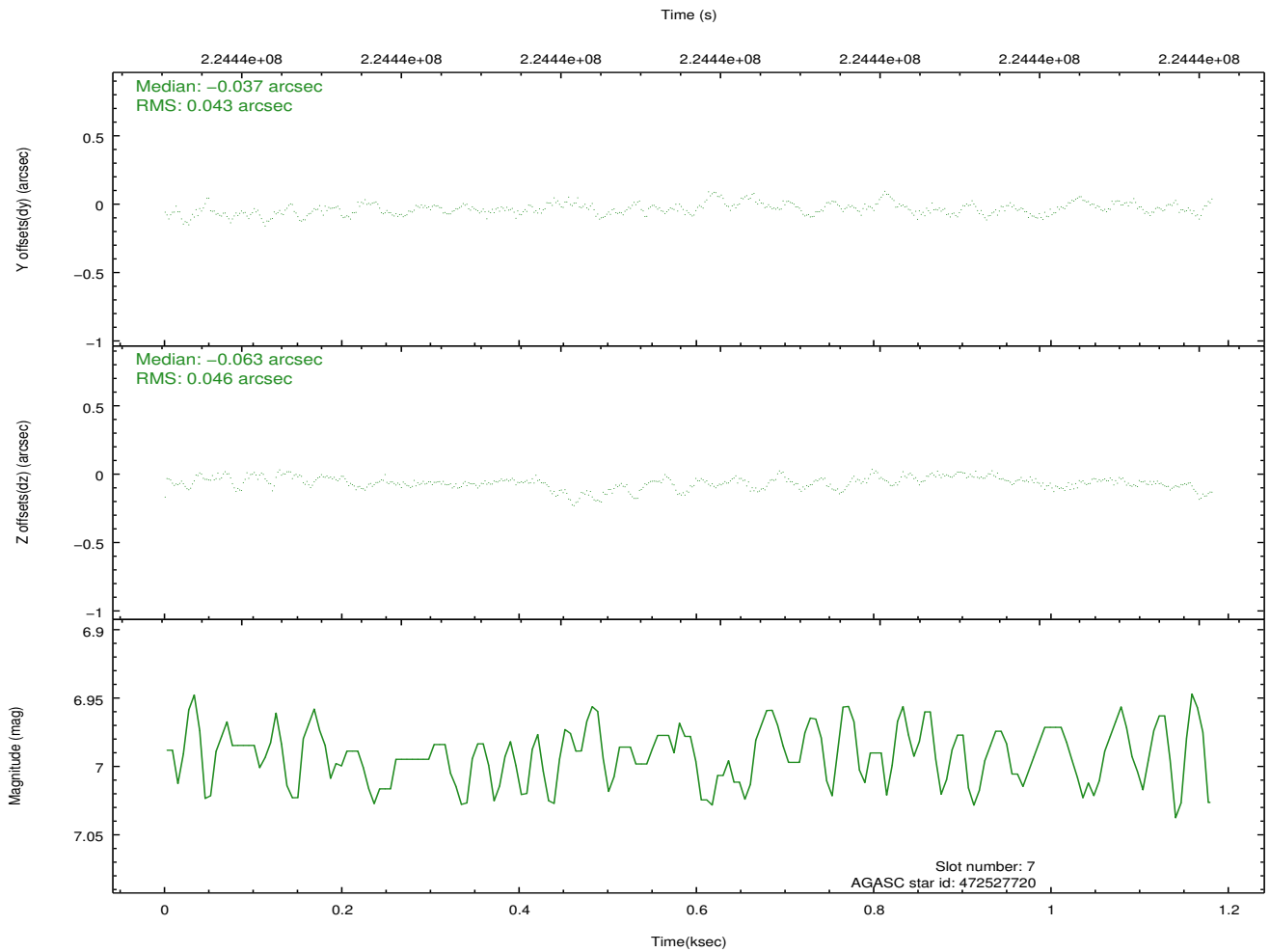
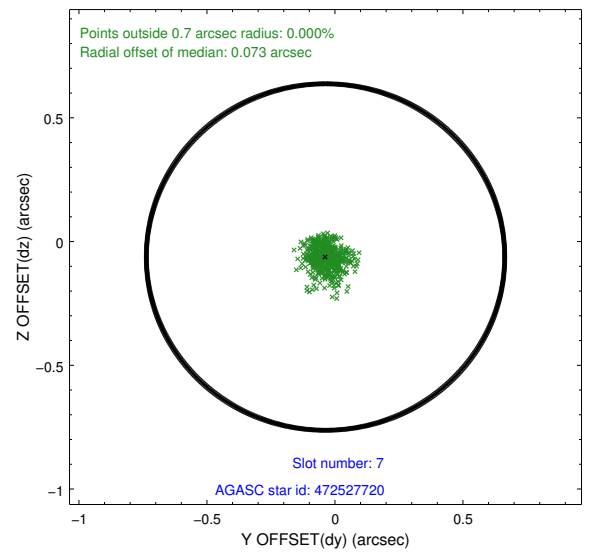
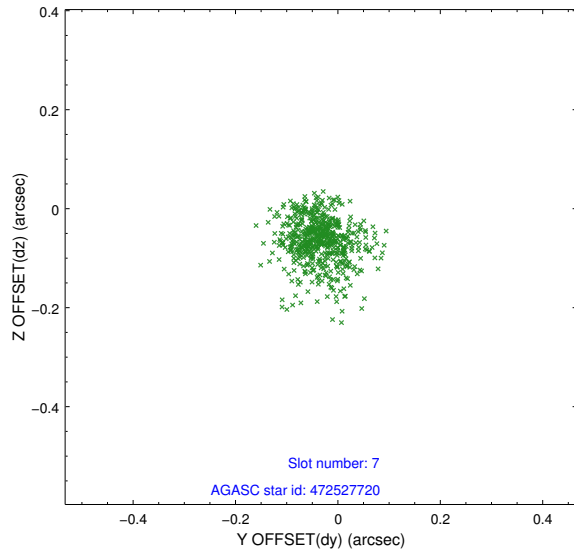
2.4.3 Slot 5



2.4.4 Slot 6

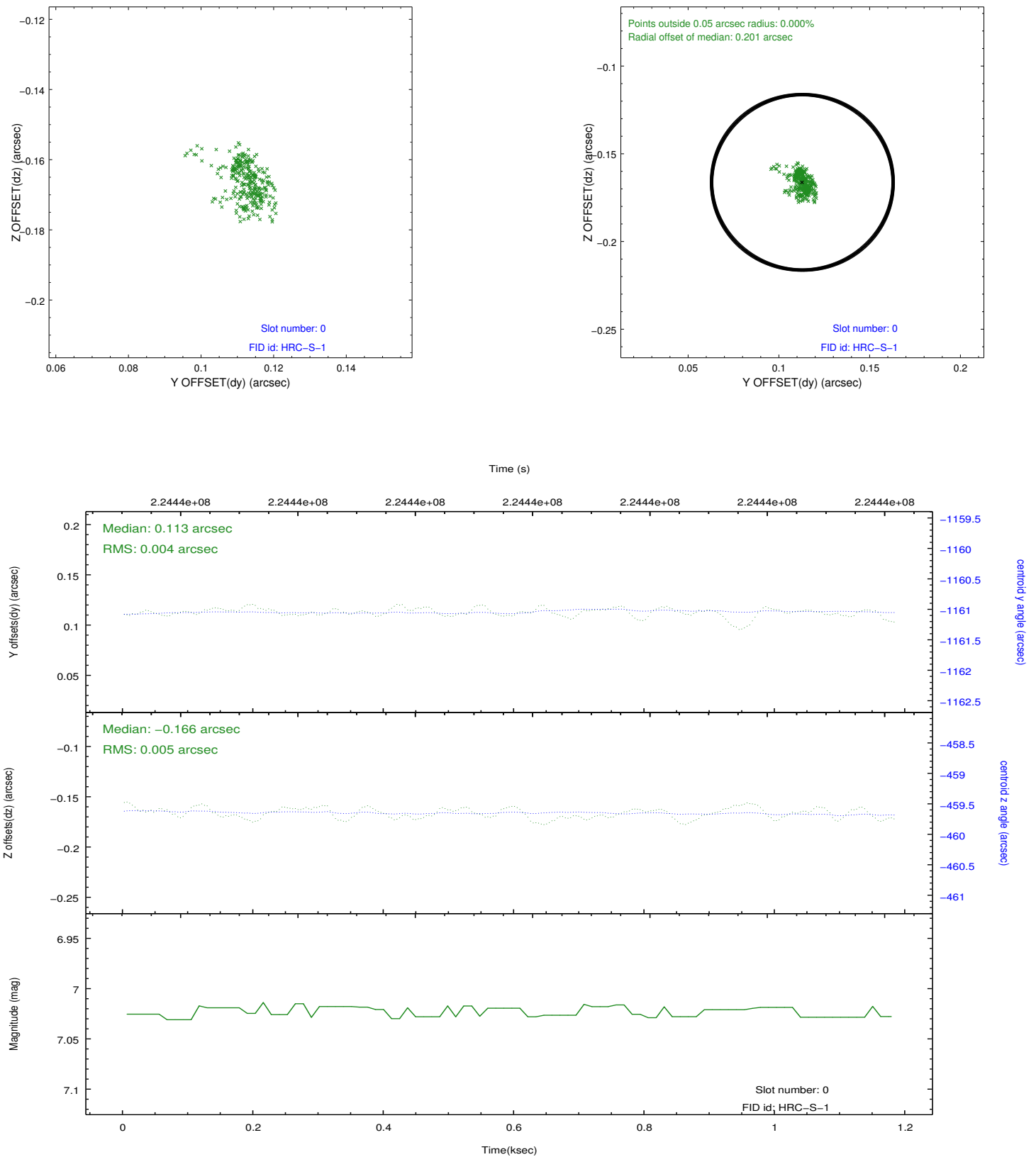


2.4.5 Slot 7

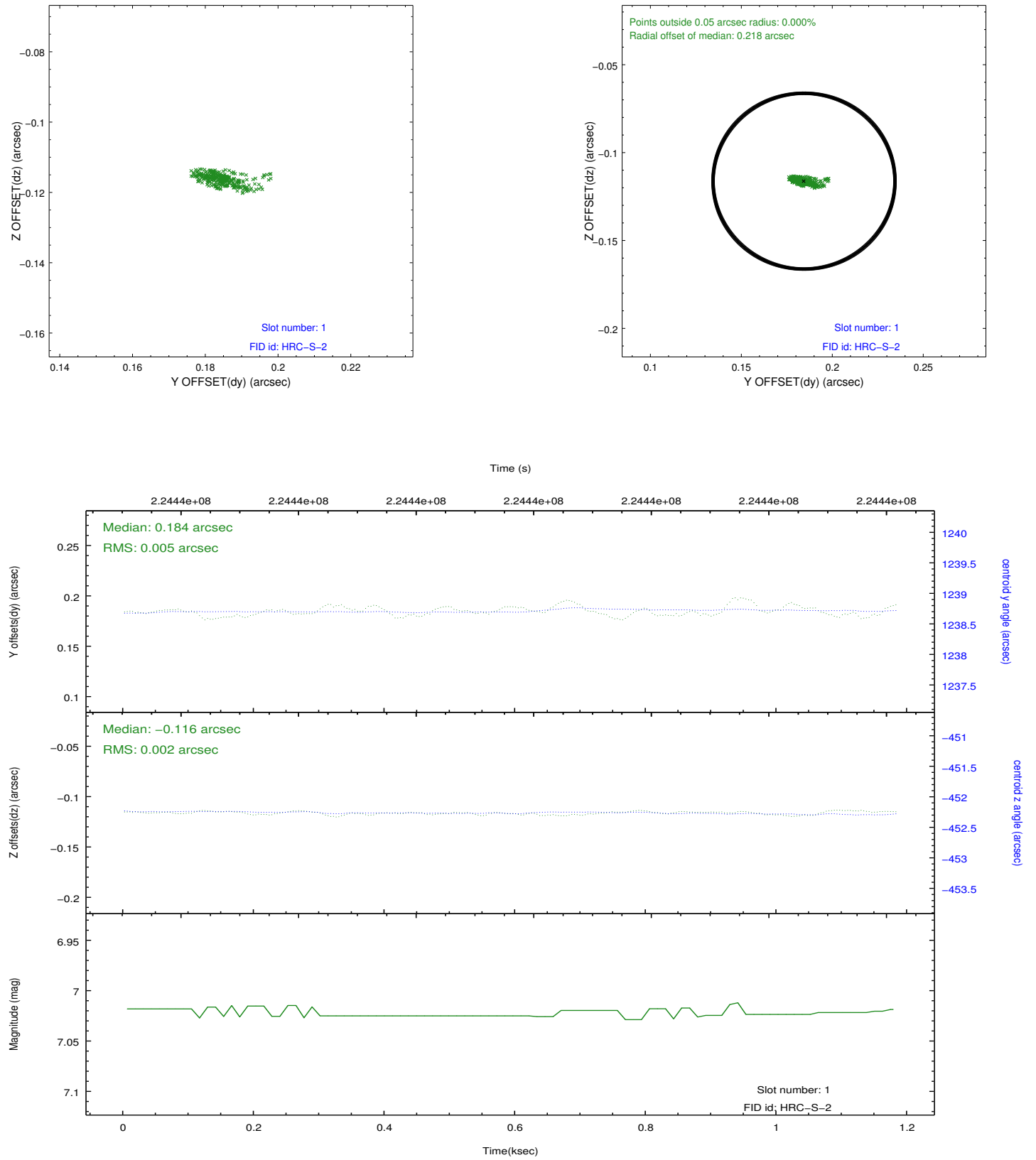


2.5 FID Slots

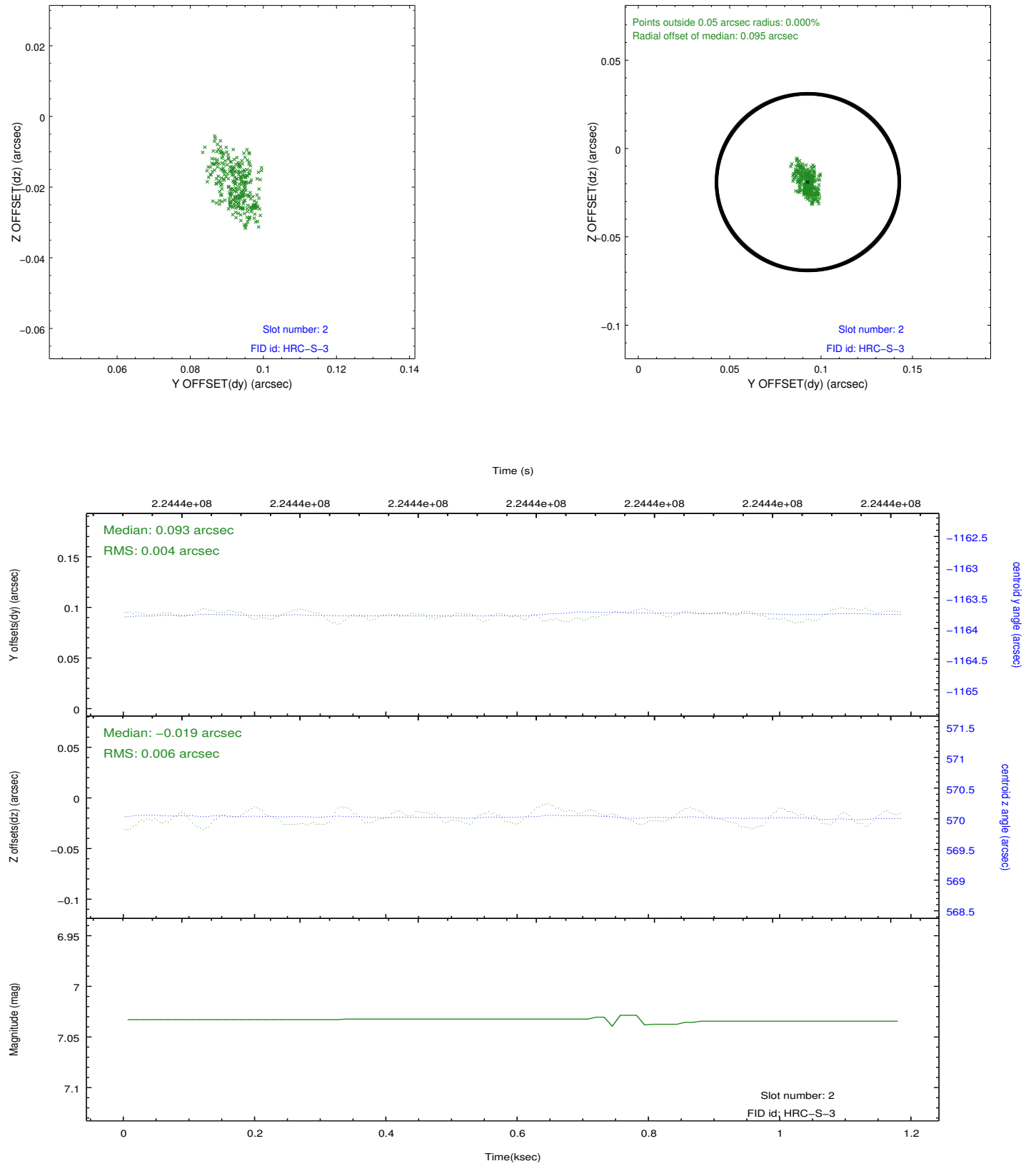
2.5.1 Slot 0



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	1.153381

A.2 Comments