

V&V Reference Report

L2 ASCDS Version : 8.1.2

Observation 1160 - L2 Version 6

Chandra X-Ray Center

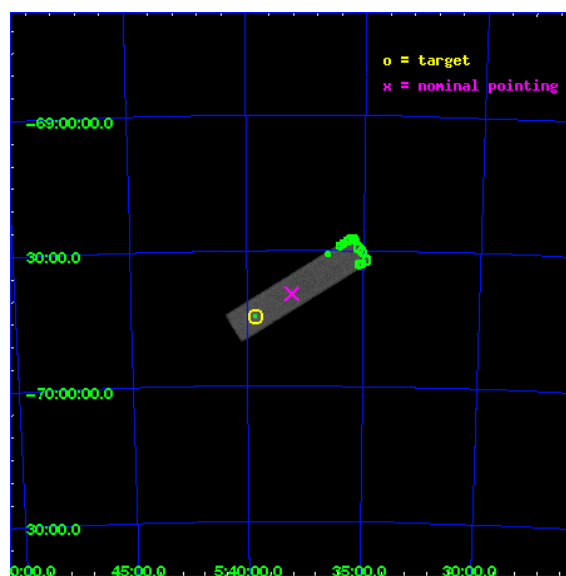
L2 Processing Date : Dec 2 2009

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1 Front

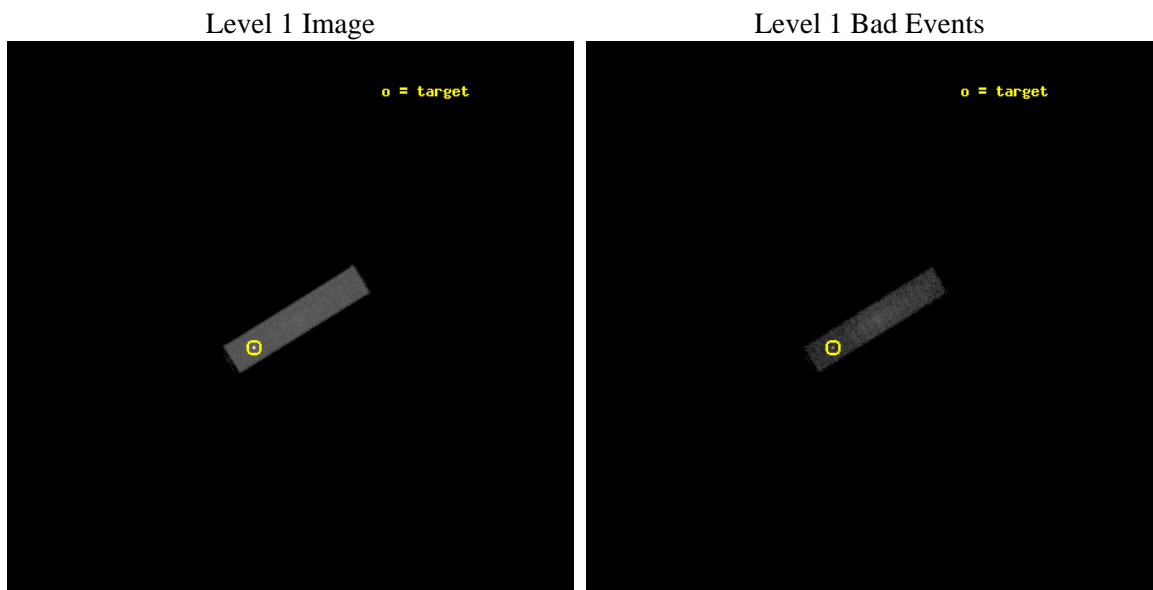
seq_num	480110	Sequence number
obs_id	1160	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	LMC X-1	Source name
ra_targ	84.914583	Observer's specified target RA
dec_targ	-69.743611	Observer's specified target Dec
ra_nom	84.518103953995	Nominal RA
dec_nom	-69.659790141854	Nominal Dec
roll_nom	328.33194386156	Nominal Roll
revision	6	Processing version of data
ontime	2202.9813300371	[s]
livetime	2187.0620713297	Ontime multiplied by DTCOR
l2events	114820	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	2000.000000	Scheduled observation exposure time
ascdsver	8.1.2	Processing system revision	ontime	2202.9813300371	[s]
caldbver	4.1.4	 	l1events	147913	Number of level 1 events
date	2009-12-02T18:25:15	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

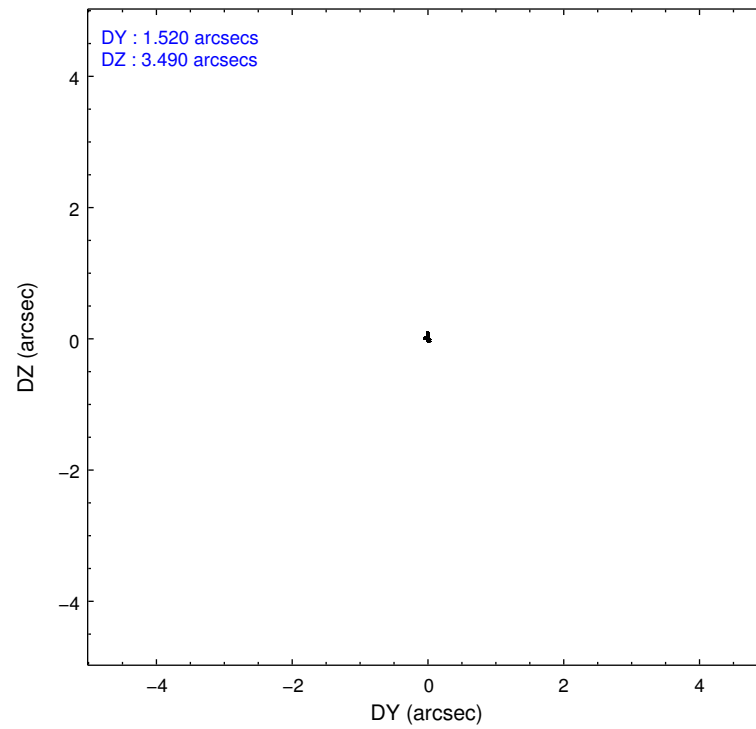
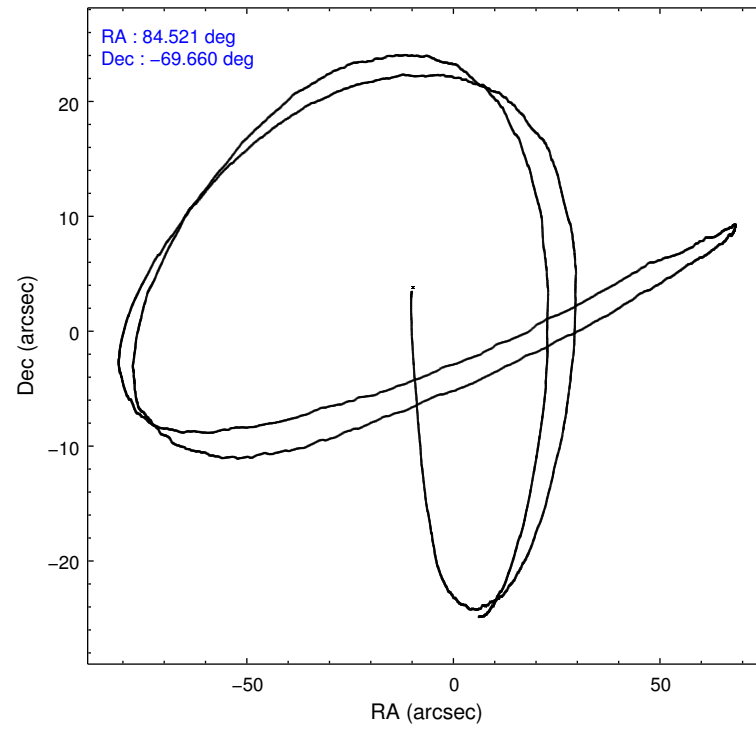
Level 1 Events

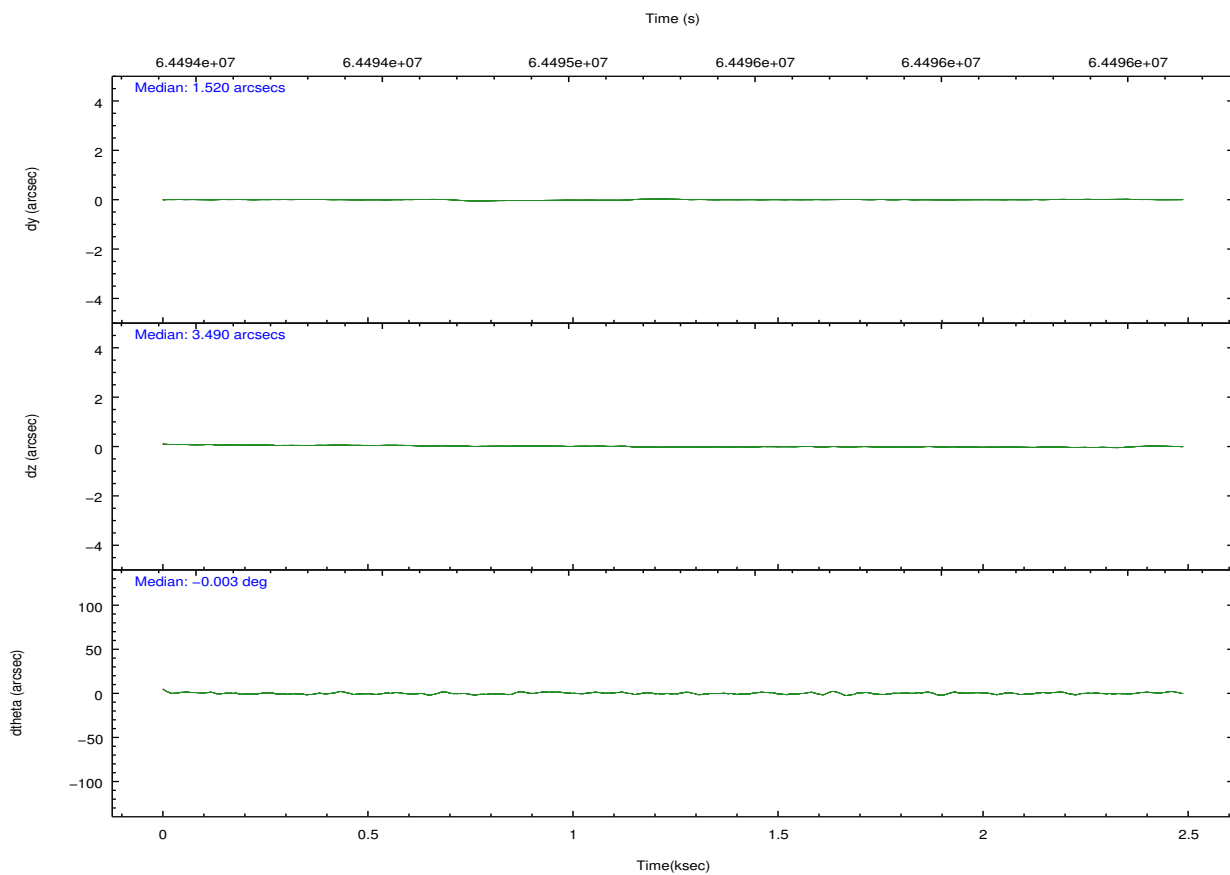
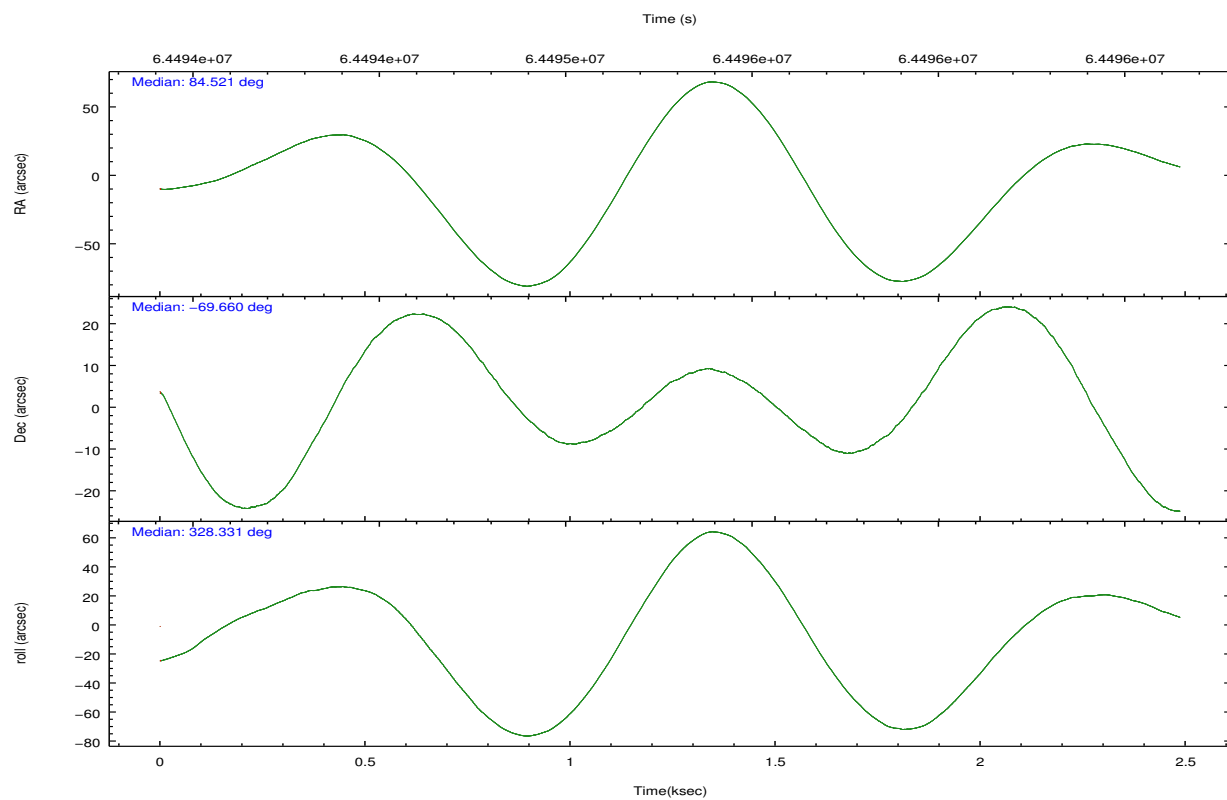
	segment 1	segment 2	segment 3
level 1 events	0	147913	0
rejected events	0	27492	0
rejected %	0%	18%	0%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
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			
Pointing RA	84.434200	84.51810395399539			
Pointing Dec	-69.659510	-69.65979014185403			
Pointing Roll	328.185941	328.3319438615638			
SIM focus pos (mm)	-1.528523	-1.428180813131781			
SIM defocus (mm)	0.004813771043328752	0.1051558262725154			
SIM translation stage pos (mm)	250.455976	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	64494524.184000	64493857.974497			
Observation start date	2000-01-17T11:07:40	2000-01-17T10:57:37			
Observation end time	64496524.184000	64496658.274599			
Observation end date	2000-01-17T11:41:00	2000-01-17T11:44:18			

2.3 Aspect



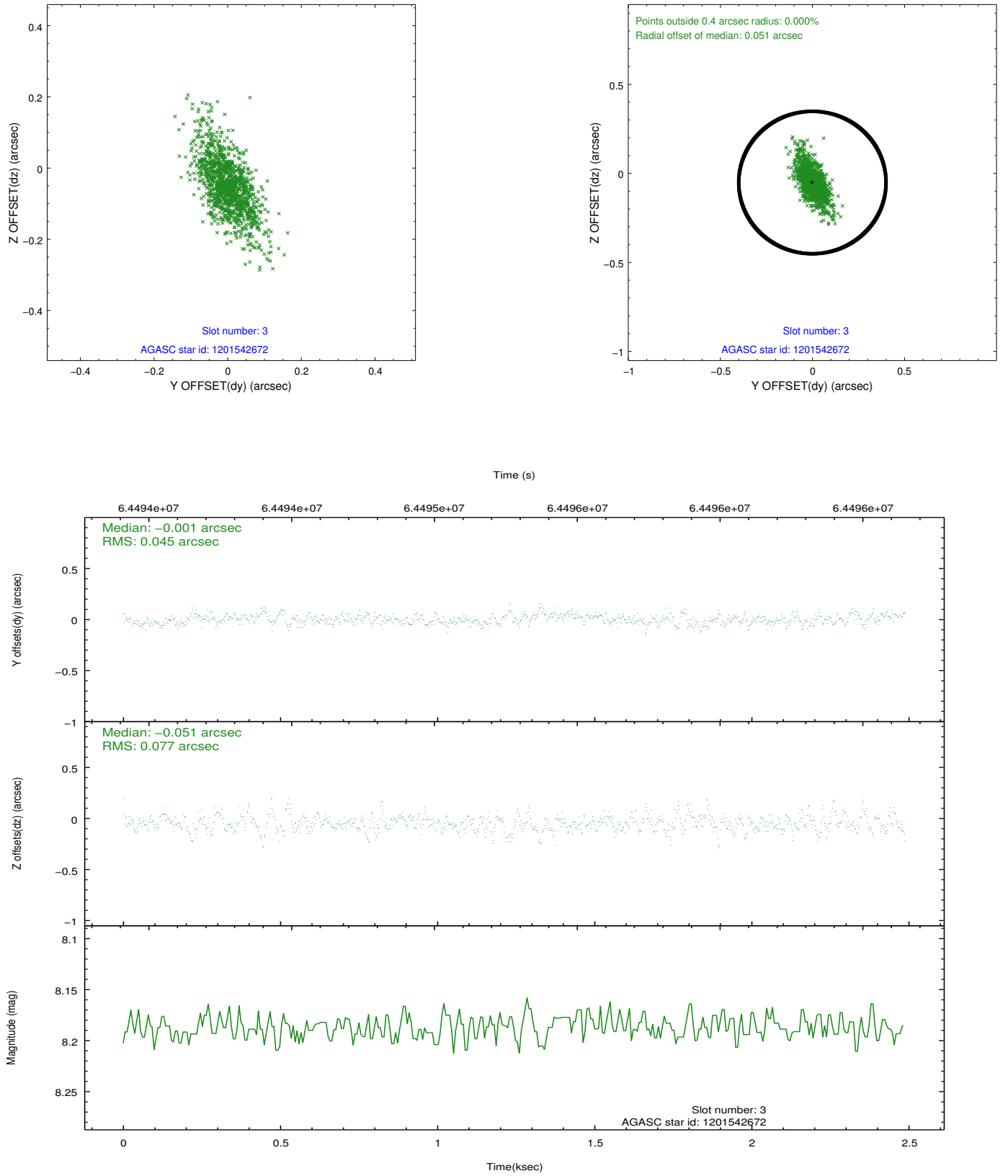


Slot Statistics

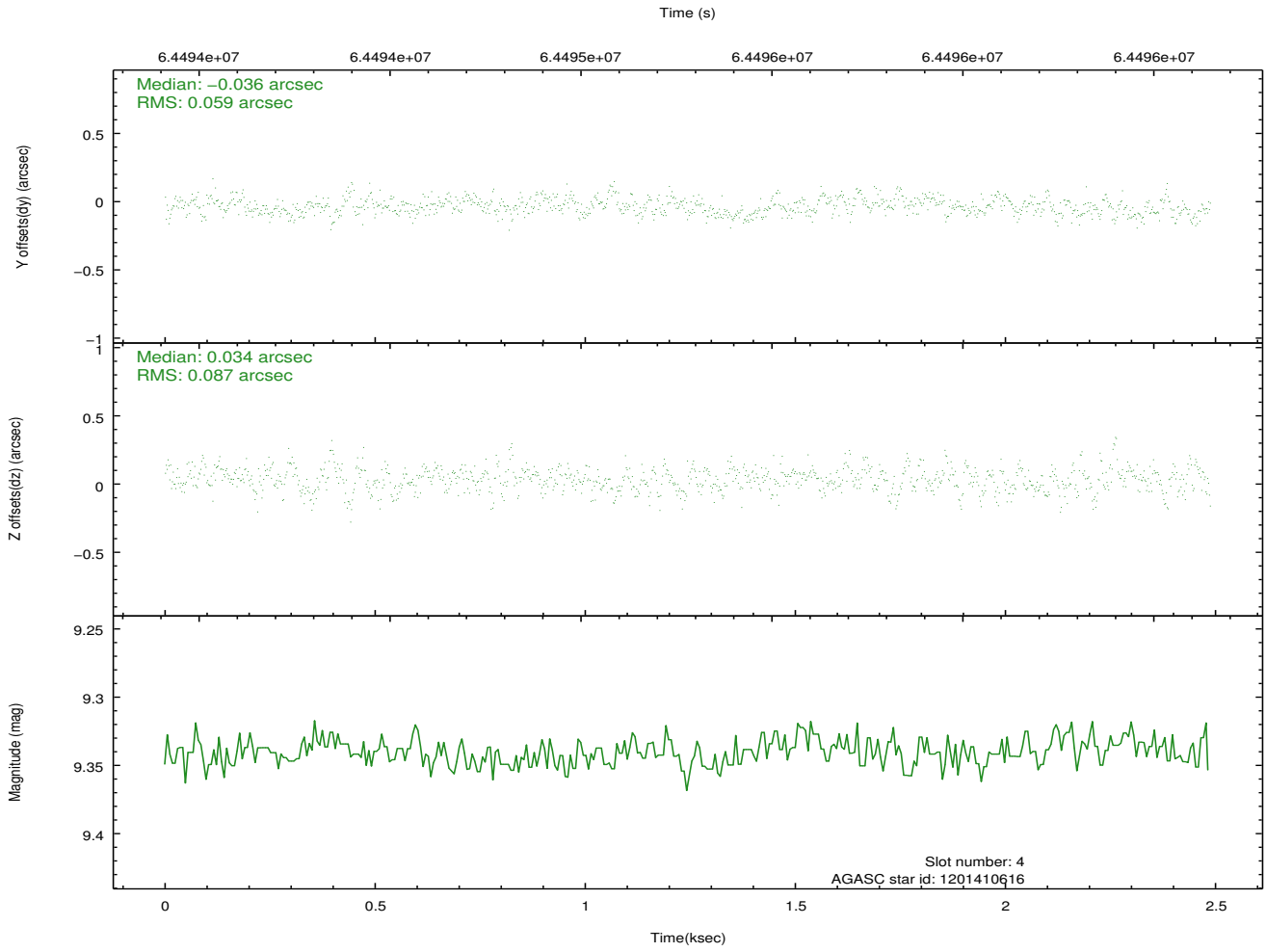
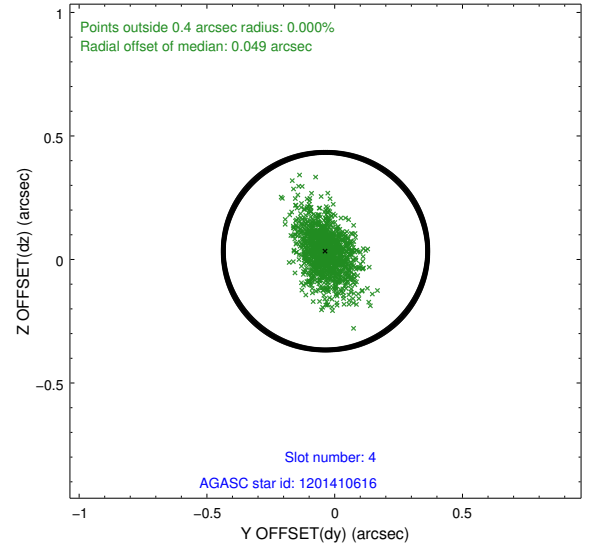
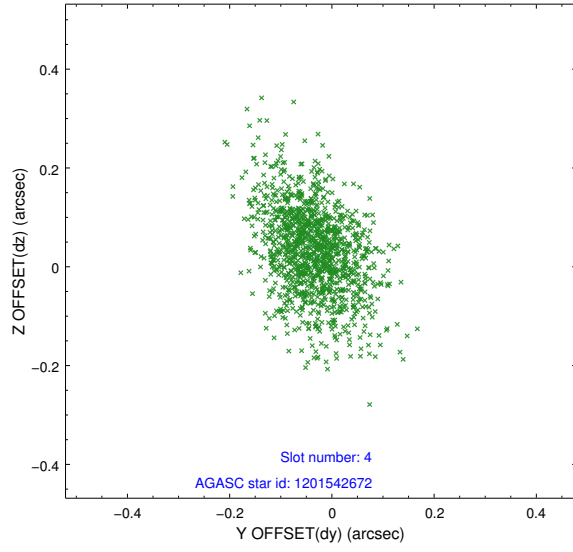
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.96	607	0.115	-0.065	0.007	0.011	0.000000	0.000000	-1155.55	-451.87
1	FID	HRC-S-3	6.99	607	0.160	-0.138	0.007	0.012	0.000000	0.000000	-1160.12	576.84
2	FID	HRC-S-4	6.93	607	0.113	-0.094	0.005	0.009	0.000000	0.000000	1240.80	581.11
3	GUIDE	1201542672	8.19	1214	-0.001	-0.051	0.088	0.175	84.492488	-69.957531	625.12	-873.52
4	GUIDE	1201410616	9.34	1214	-0.036	0.034	0.107	0.193	82.516808	-69.784406	-1770.90	-1671.62
5	GUIDE	1200883536	9.88	1213	0.049	0.045	0.129	0.225	83.119228	-69.218429	-2257.82	447.46
6	GUIDE	1201017424	10.17	1214	-0.060	-0.134	0.163	0.270	85.854985	-69.248506	767.30	2195.30
7	GUIDE	1201540568	9.97	1211	0.042	0.111	0.162	0.269	85.901764	-70.070643	2320.87	-324.55

2.4 Star Slots

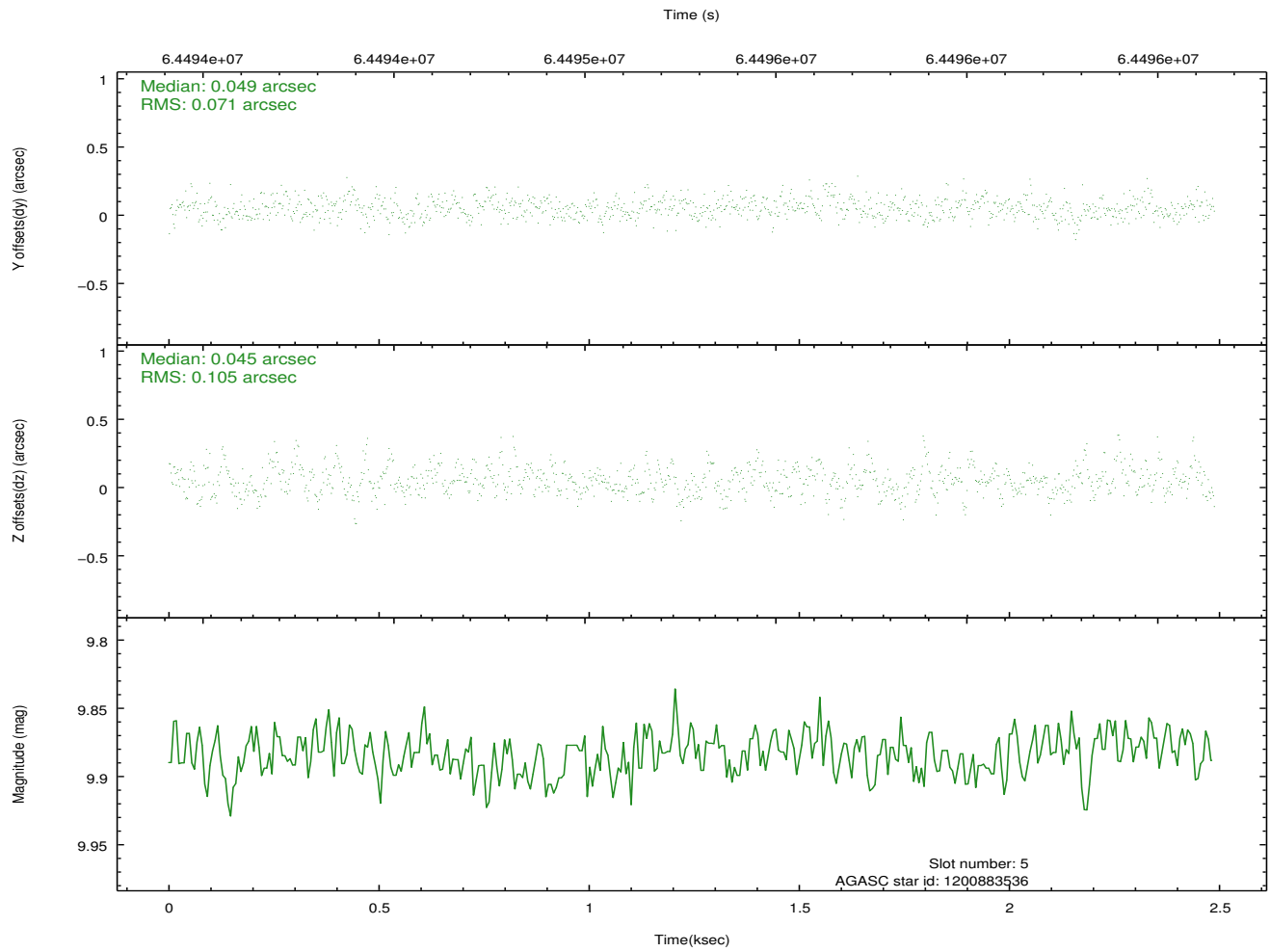
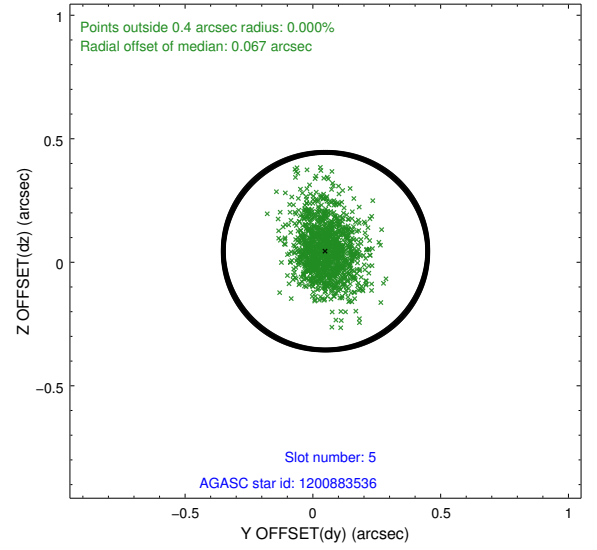
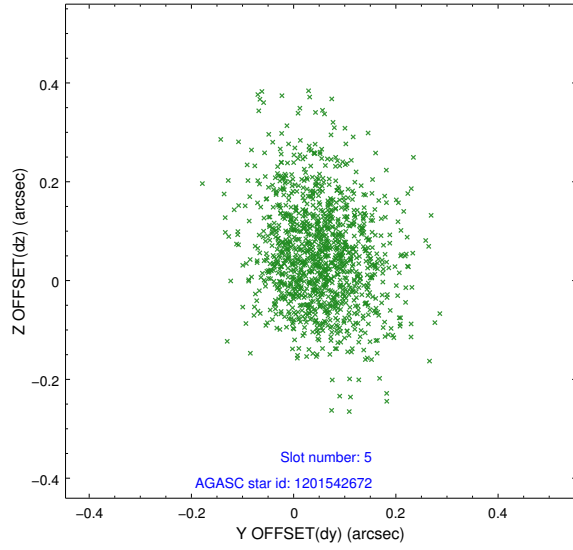
2.4.1 Slot 3



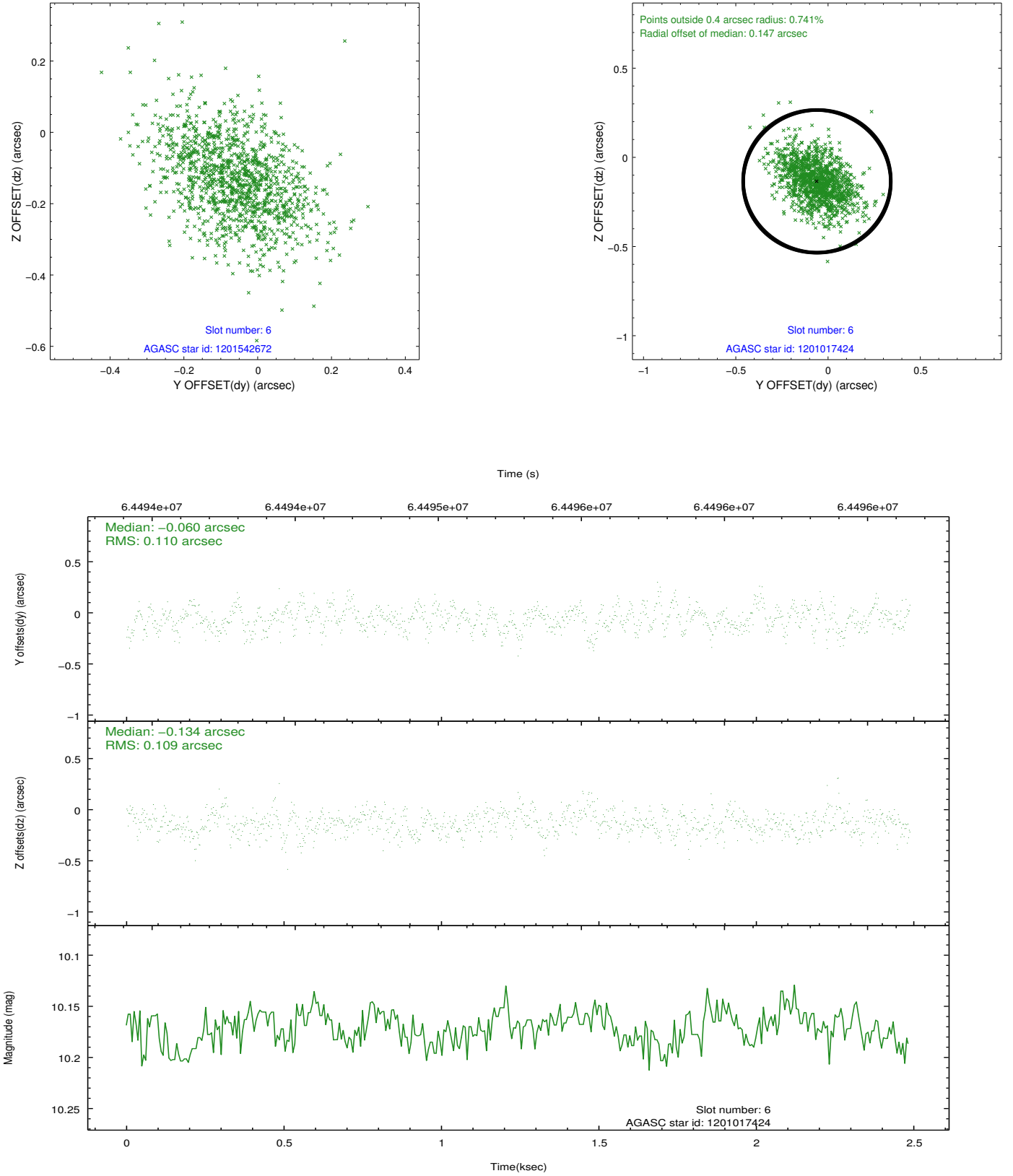
2.4.2 Slot 4



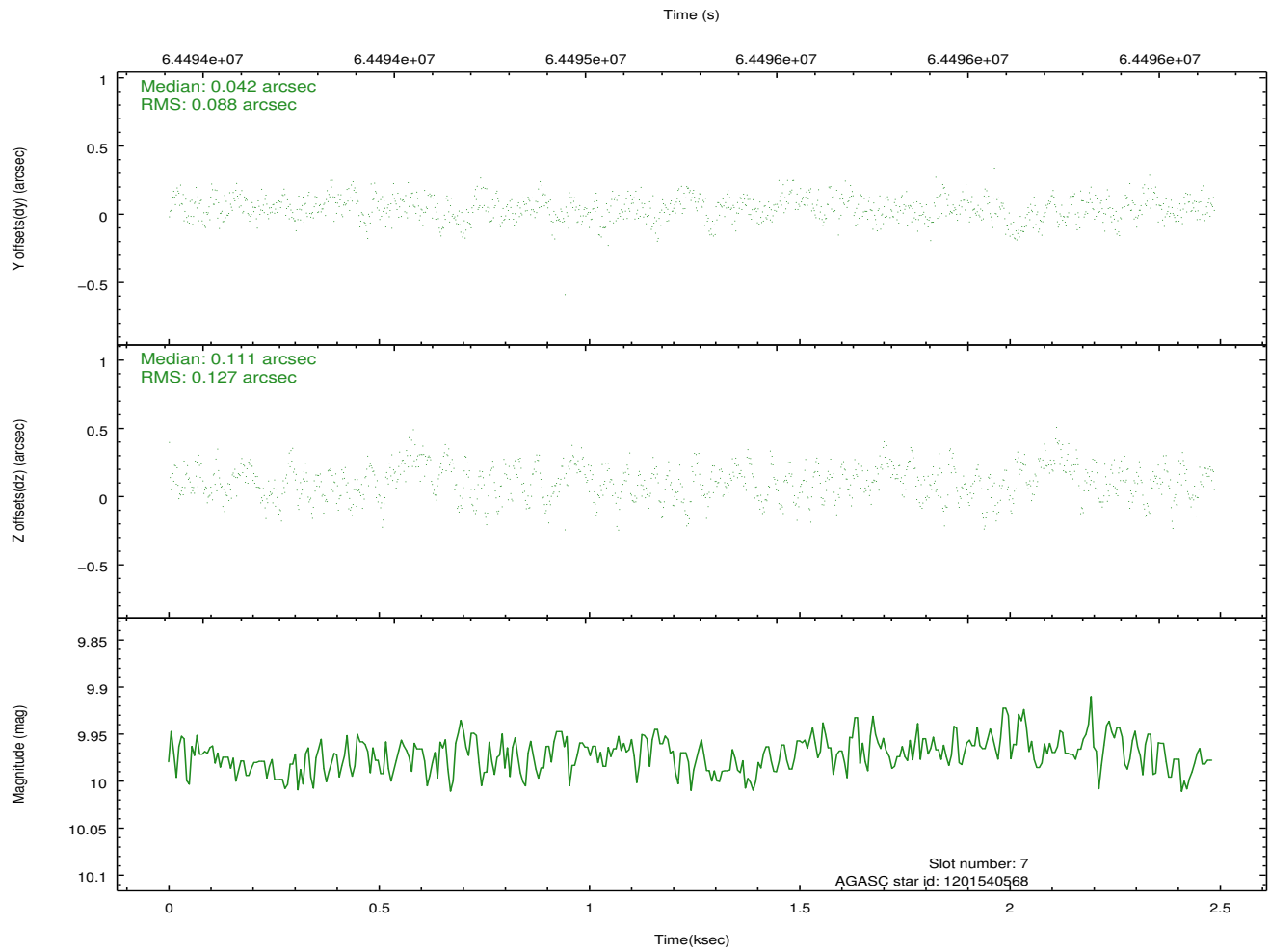
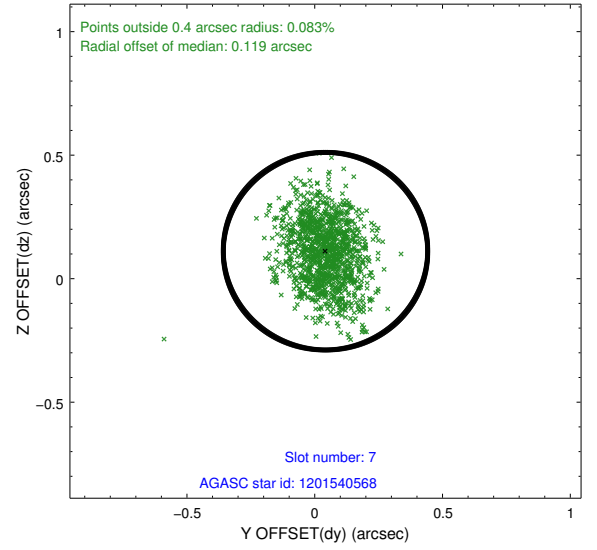
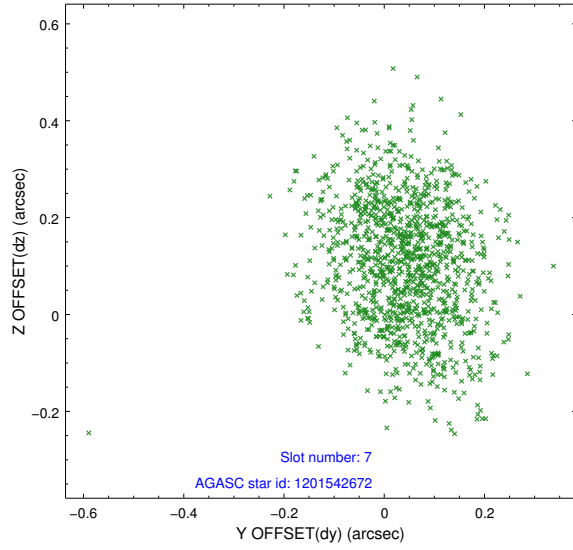
2.4.3 Slot 5



2.4.4 Slot 6

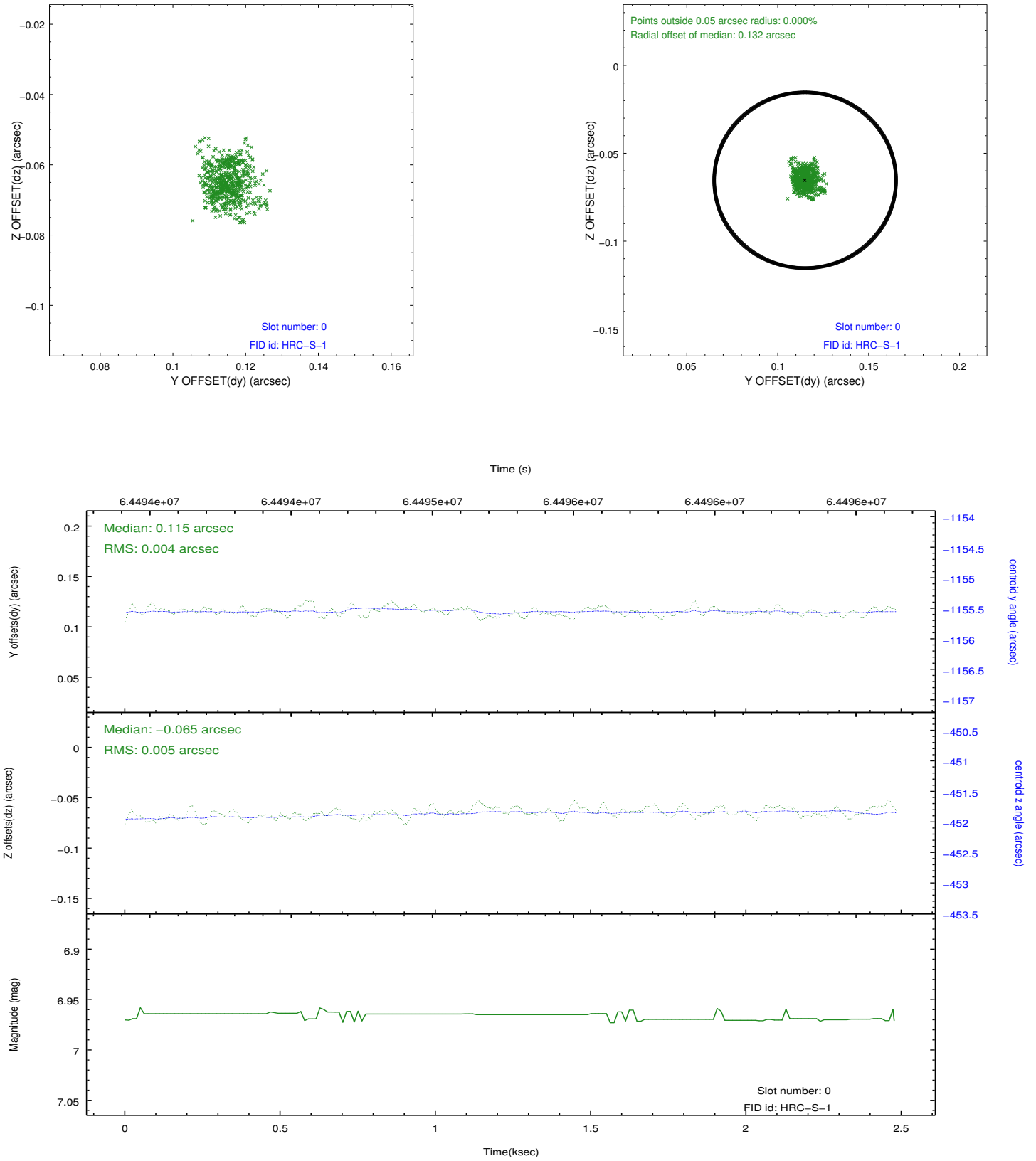


2.4.5 Slot 7

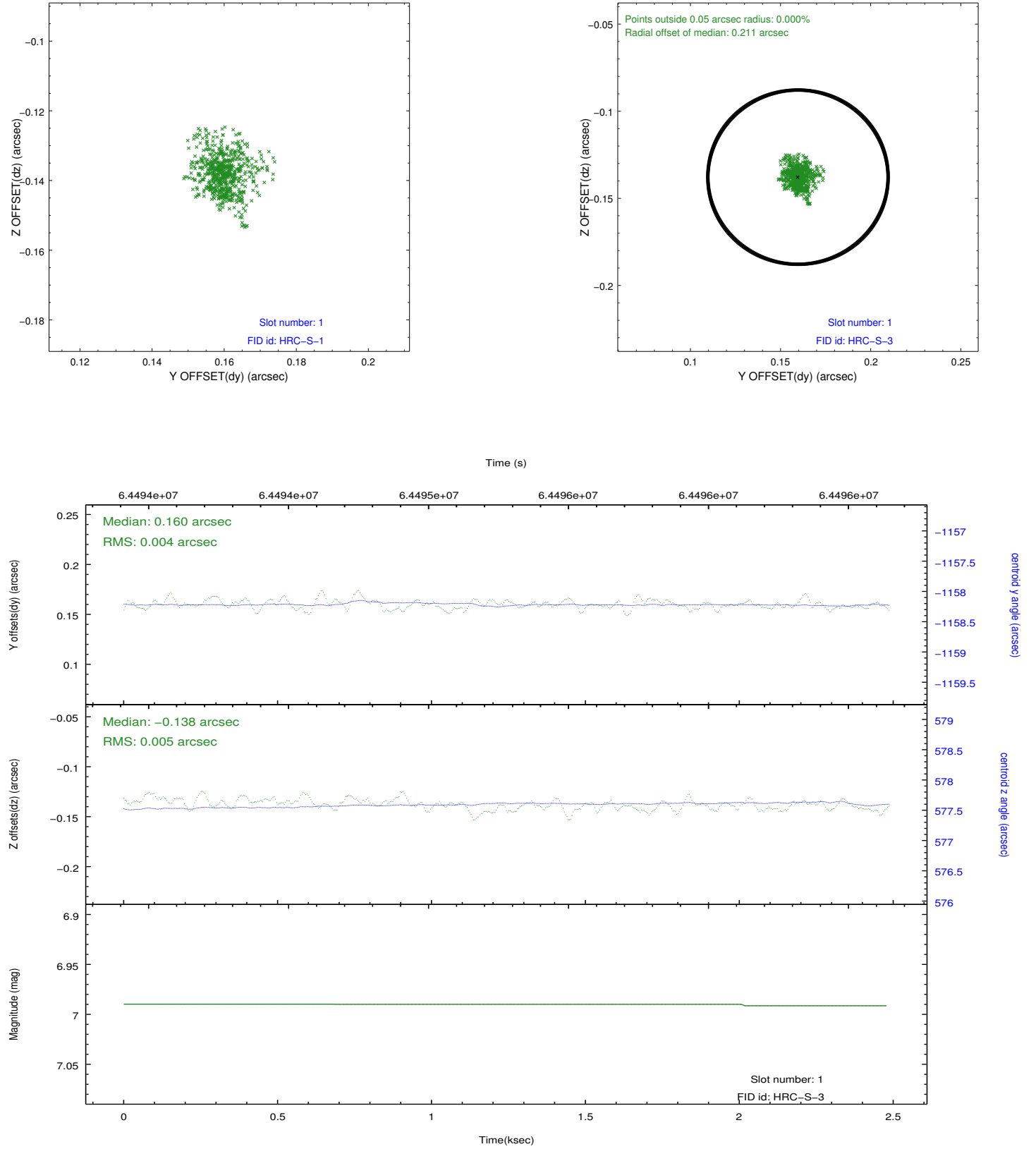


2.5 FID Slots

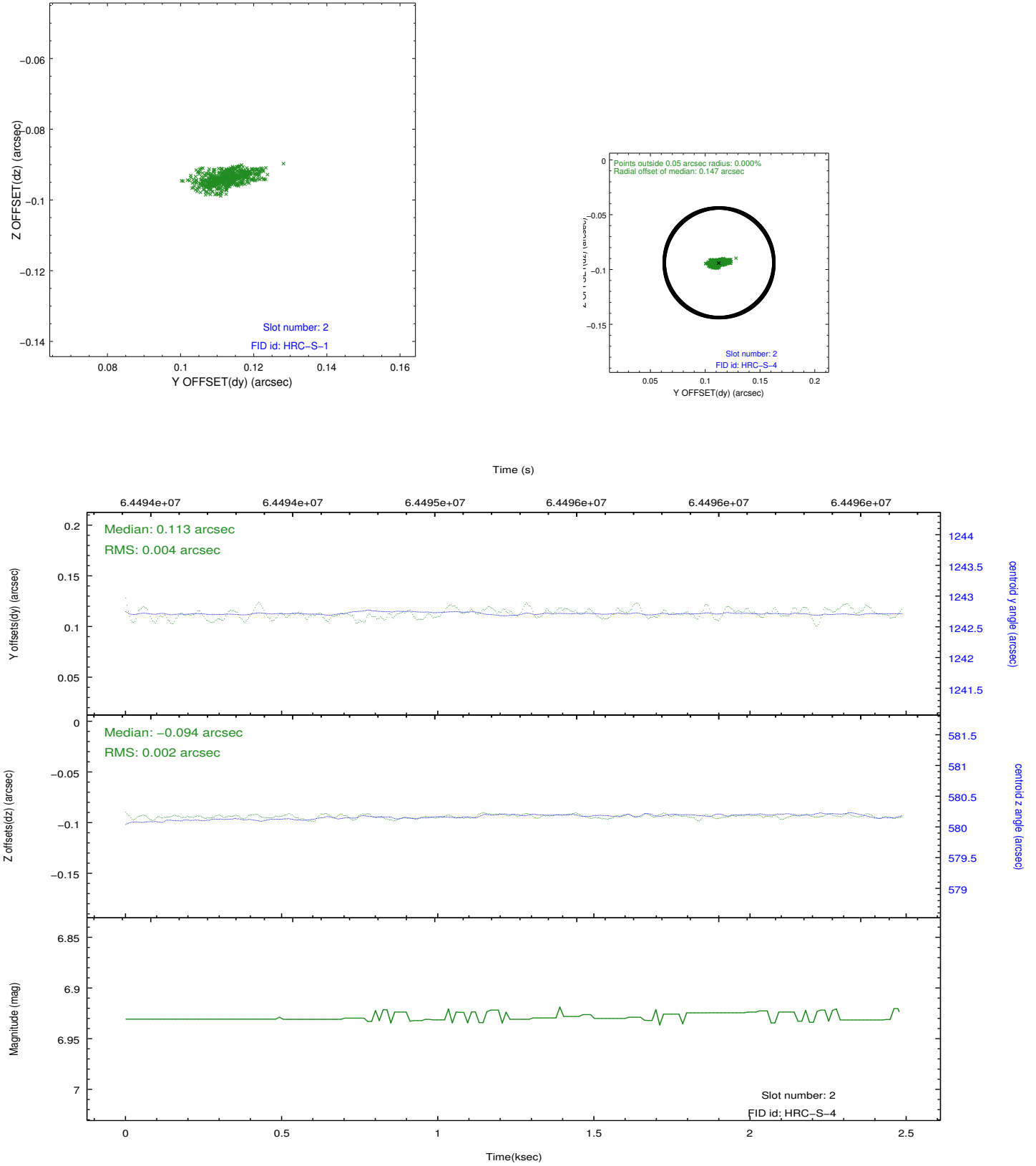
2.5.1 Slot 0



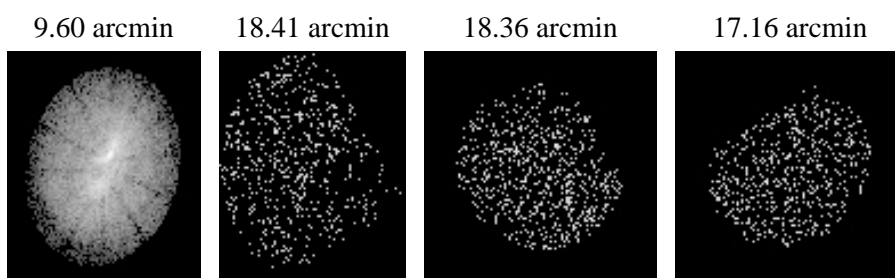
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2009.12.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.39

A.2 Comments

Charge time for this ObsId remains at original value of 2.39 ks,
although
with the current processing the charge time would have been 2.203 ksec.

Target off-axis.