

V&V Reference Report

L2 ASCDS Version : 8.1.2

Observation 1157 - L2 Version 6

Chandra X-Ray Center

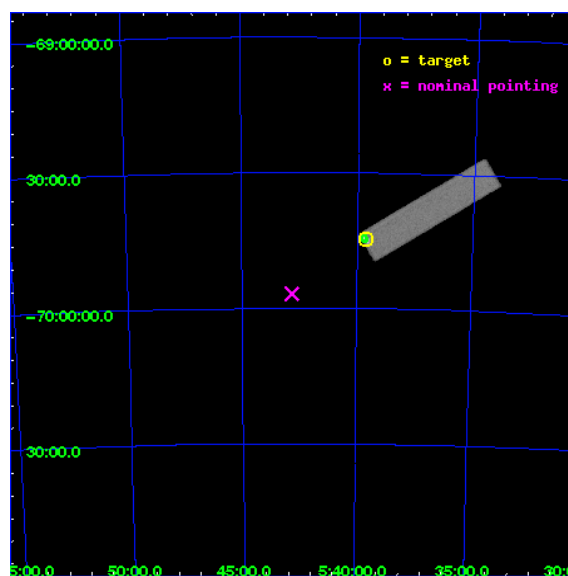
L2 Processing Date : Dec 2 2009

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1 Front

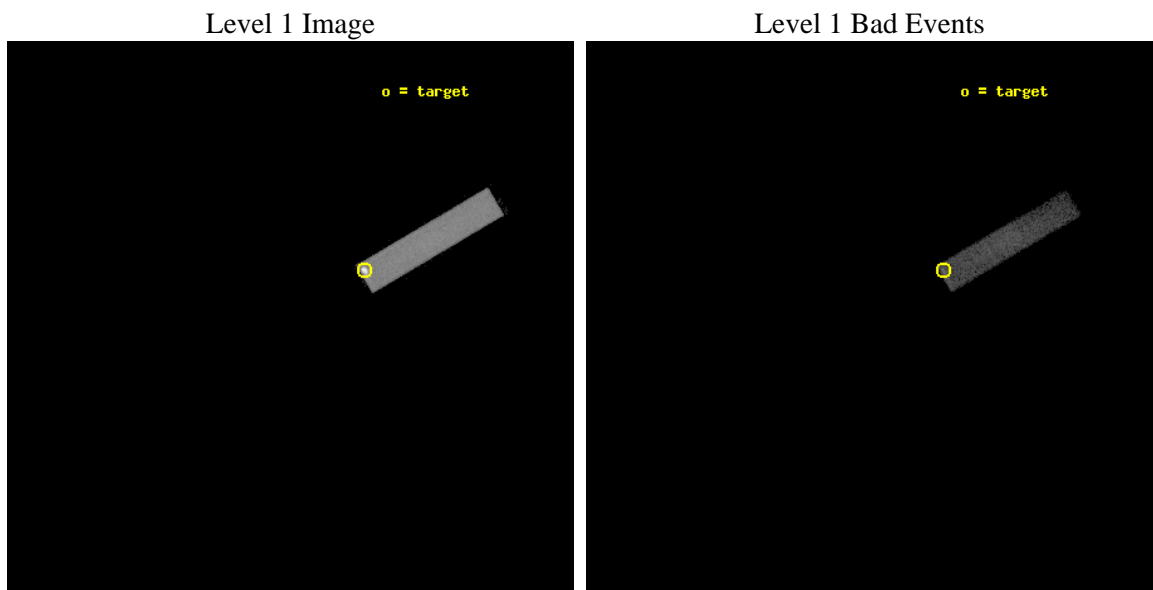
seq_num	480107	Sequence number
obs_id	1157	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	LMC X-1	Source name
ra_targ	84.914583	Observer's specified target RA
dec_targ	-69.743611	Observer's specified target Dec
ra_nom	85.707899803367	Nominal RA
dec_nom	-69.946883826325	Nominal Dec
roll_nom	329.51418322839	Nominal Roll
revision	6	Processing version of data
ontime	2204.0063300729	[s]
livetime	2191.0555005607	Ontime multiplied by DTCOR
l2events	90243	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	2204.0063300729	[s]
caldbver	4.1.4	 	l1events	125132	Number of level 1 events
date	2009-12-02T17:35:29	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

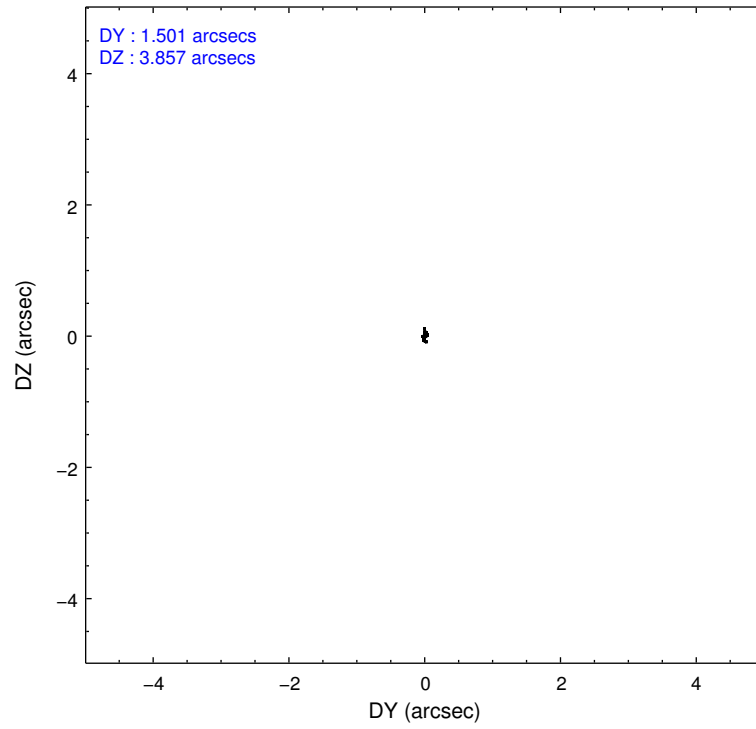
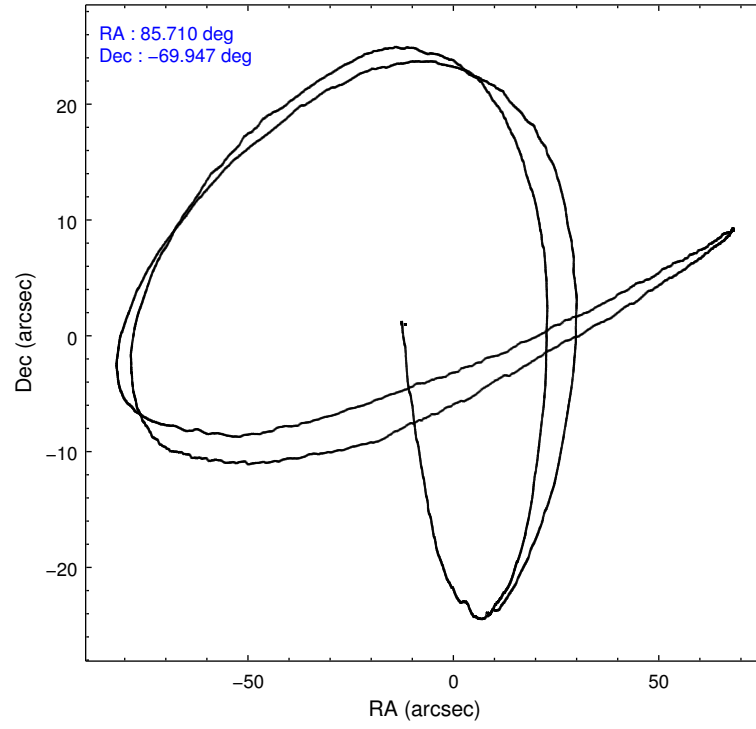
Level 1 Events

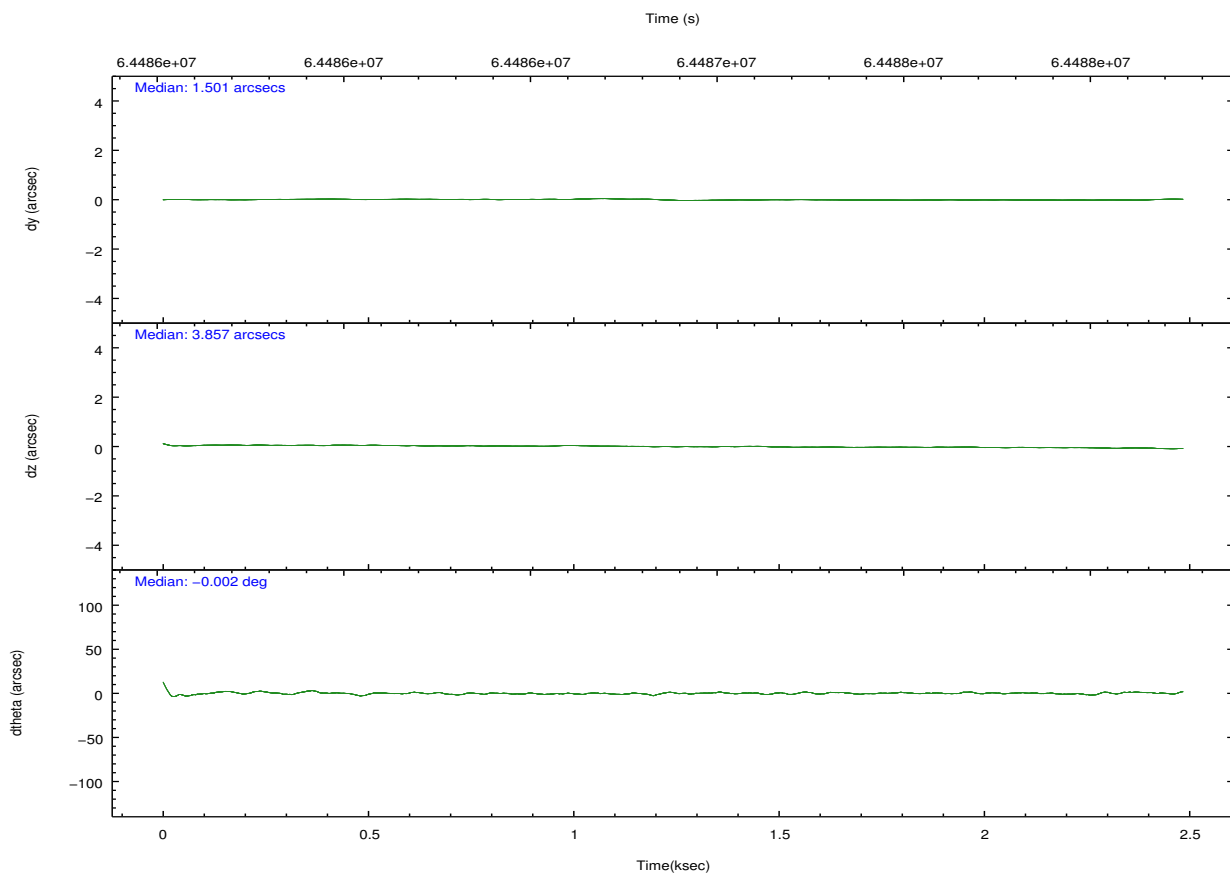
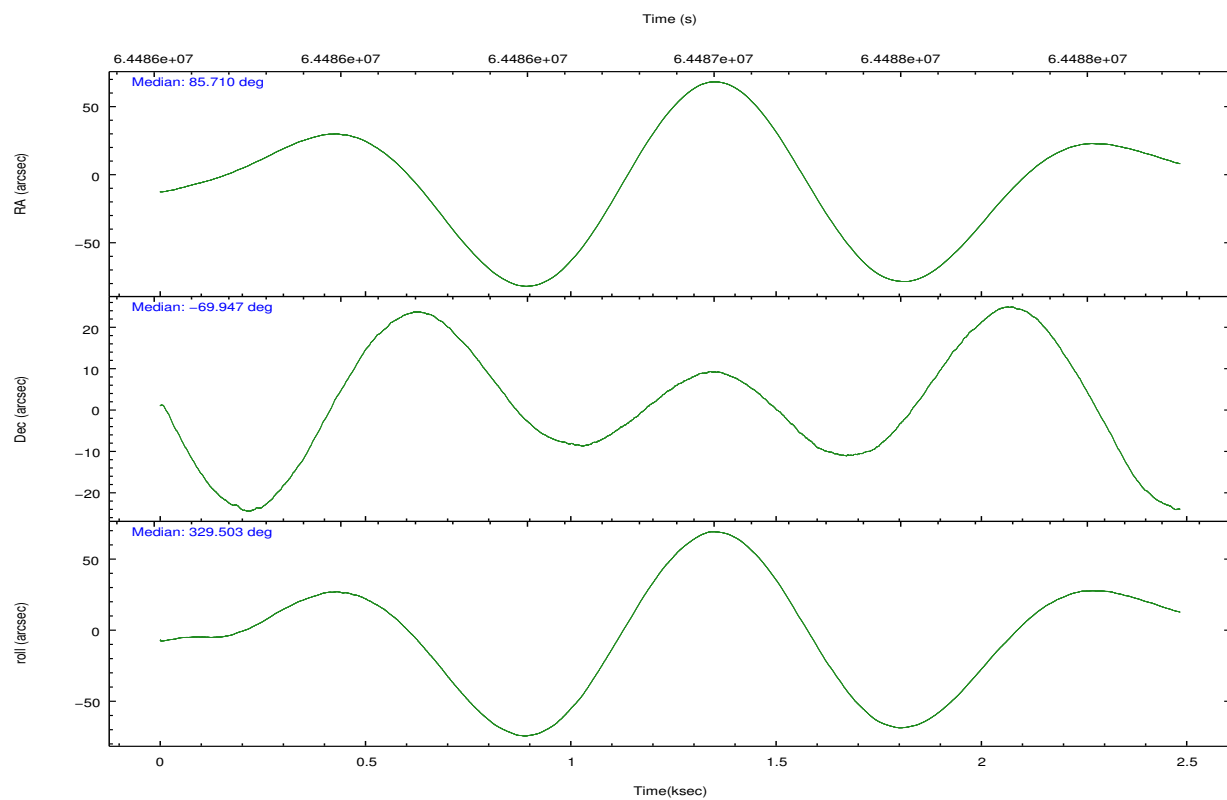
	segment 1	segment 2	segment 3
level 1 events	125091	41	0
rejected events	26085	9	0
rejected %	20%	21%	0%

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	85.622852	85.70789980336664			
Pointing Dec	-69.947193	-69.94688382632474			
Pointing Roll	329.366951	329.5141832283883			
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	64486124.184000	64485458.099192			
Observation start date	2000-01-17T08:47:40	2000-01-17T08:37:38			
Observation end time	64488124.184000	64488258.399294			
Observation end date	2000-01-17T09:21:00	2000-01-17T09:24:18			

2.3 Aspect



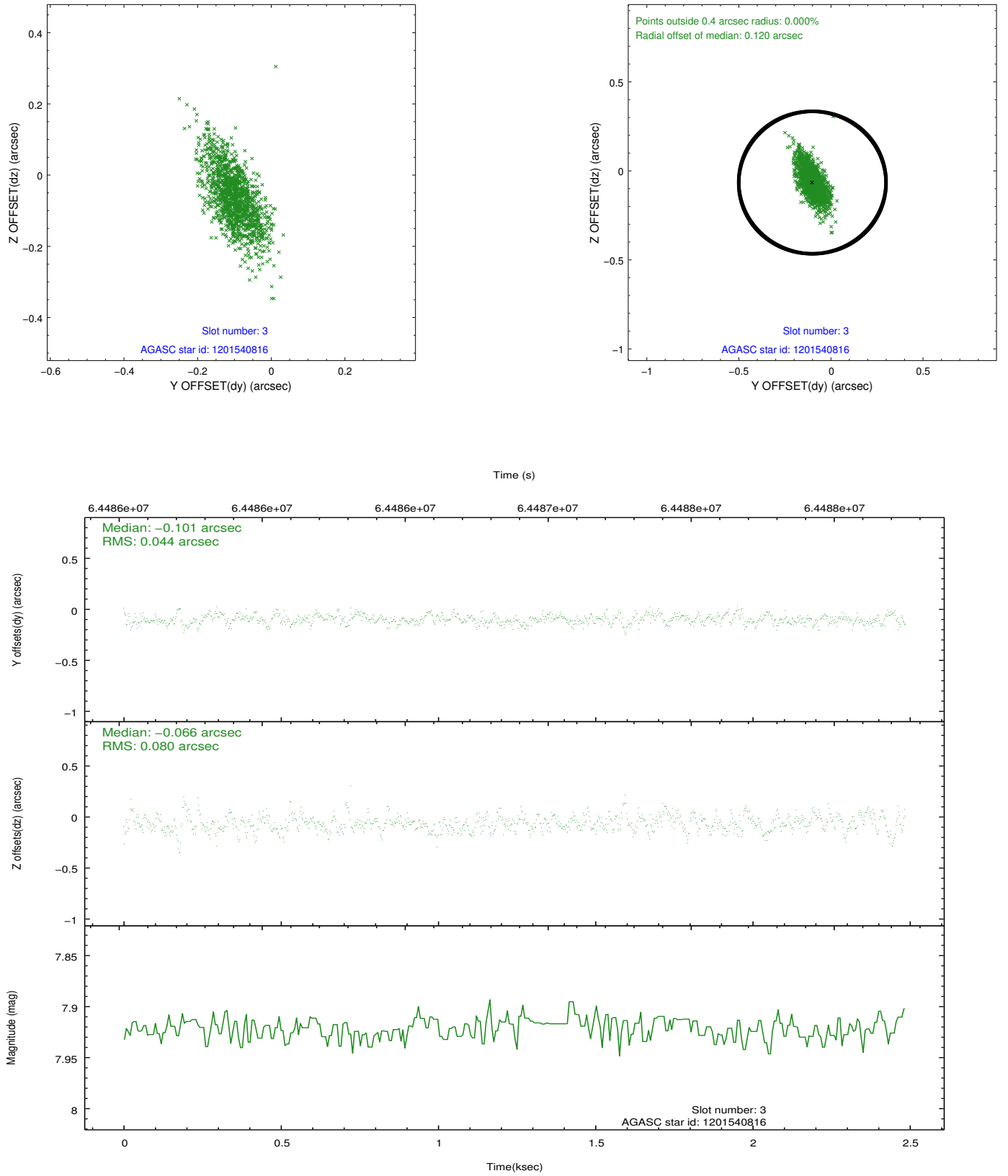


Slot Statistics

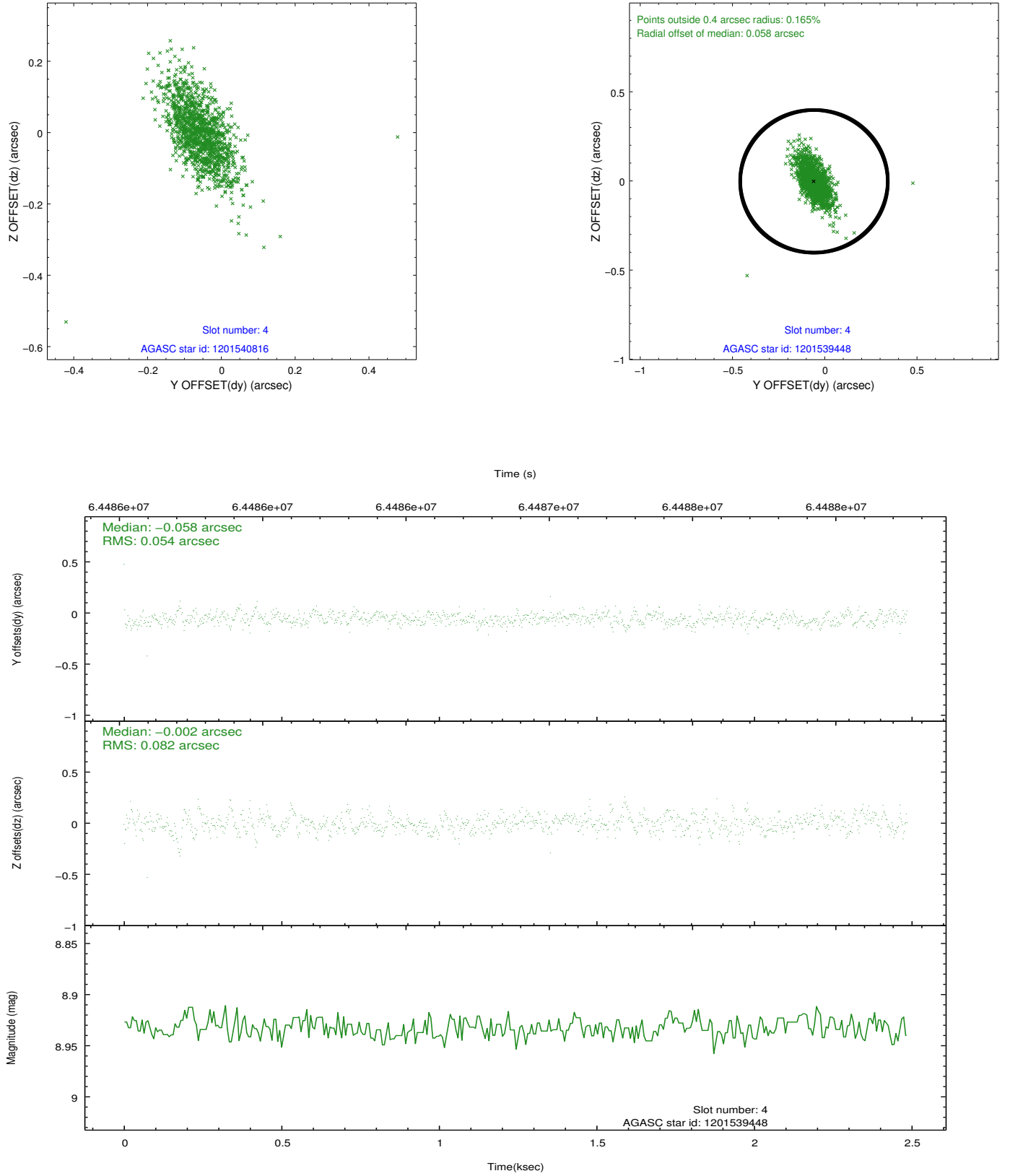
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	606	0.125	-0.078	0.009	0.015	0.000000	0.000000	-1155.54	-452.23
1	FID	HRC-S-3	6.99	606	0.152	-0.121	0.010	0.015	0.000000	0.000000	-1160.11	576.51
2	FID	HRC-S-4	6.94	606	0.111	-0.098	0.005	0.009	0.000000	0.000000	1240.83	580.72
3	GUIDE	1201540816	7.92	1213	-0.101	-0.066	0.090	0.169	86.998494	-69.749817	1120.62	1468.43
4	GUIDE	1201539448	8.93	1213	-0.058	-0.002	0.095	0.176	85.635707	-70.382152	810.86	-1337.89
5	GUIDE	1201542312	9.74	1213	-0.003	0.020	0.119	0.214	86.031967	-70.422284	1296.37	-1222.27
6	GUIDE	1201017424	10.18	1211	0.063	-0.070	0.159	0.255	85.854985	-69.248506	-1027.52	2313.49
7	GUIDE	1201540568	9.94	1211	0.086	0.117	0.125	0.218	85.901764	-70.070643	519.09	-206.39

2.4 Star Slots

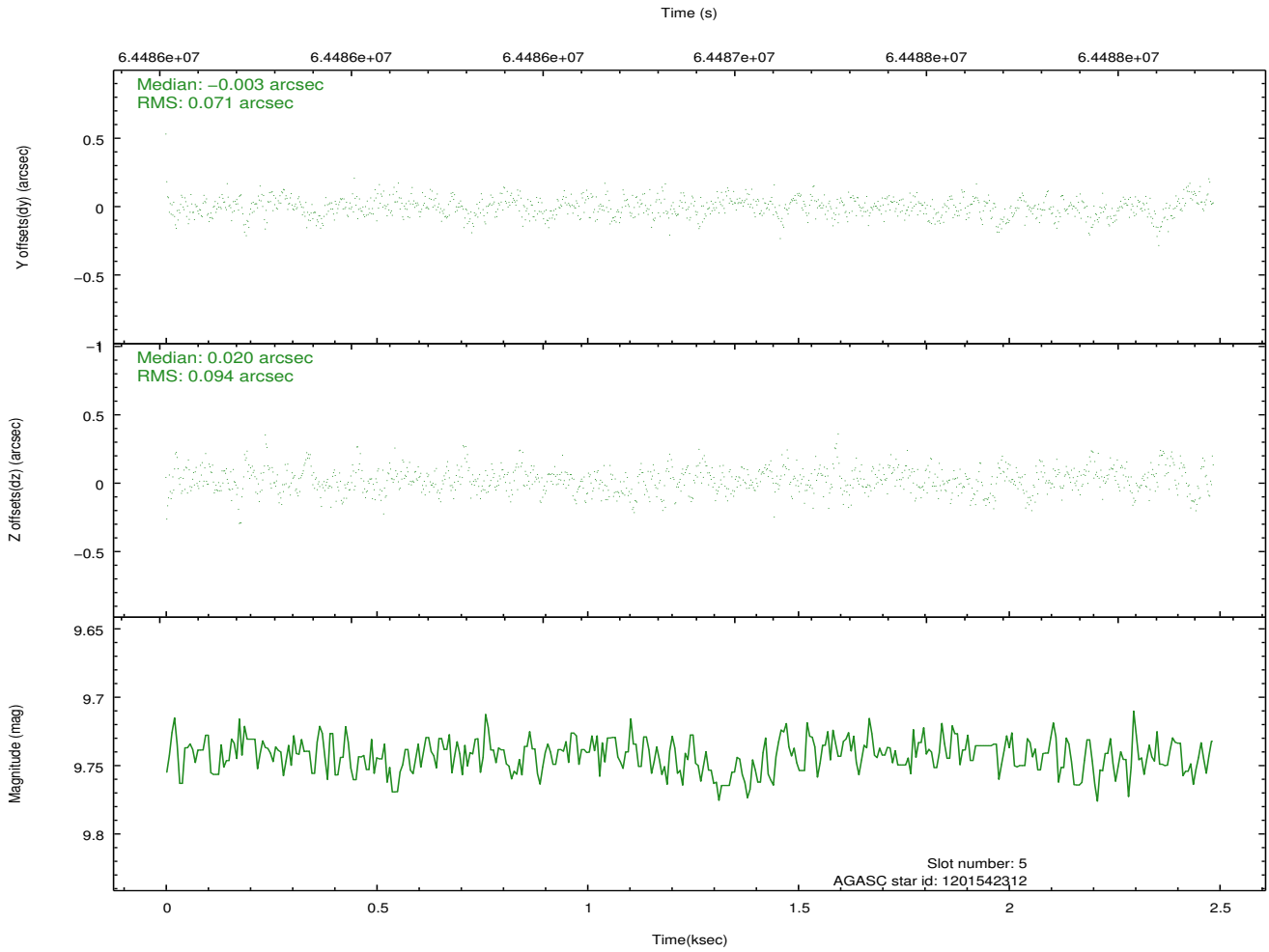
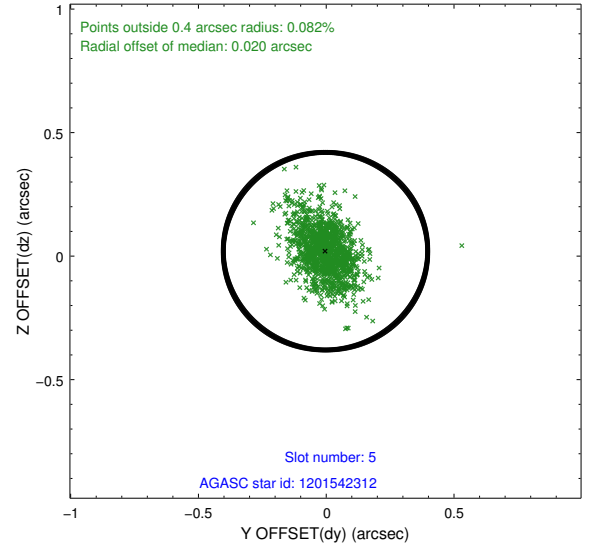
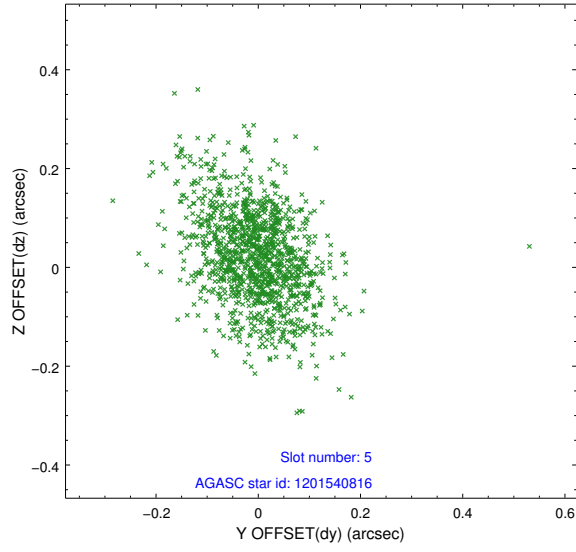
2.4.1 Slot 3



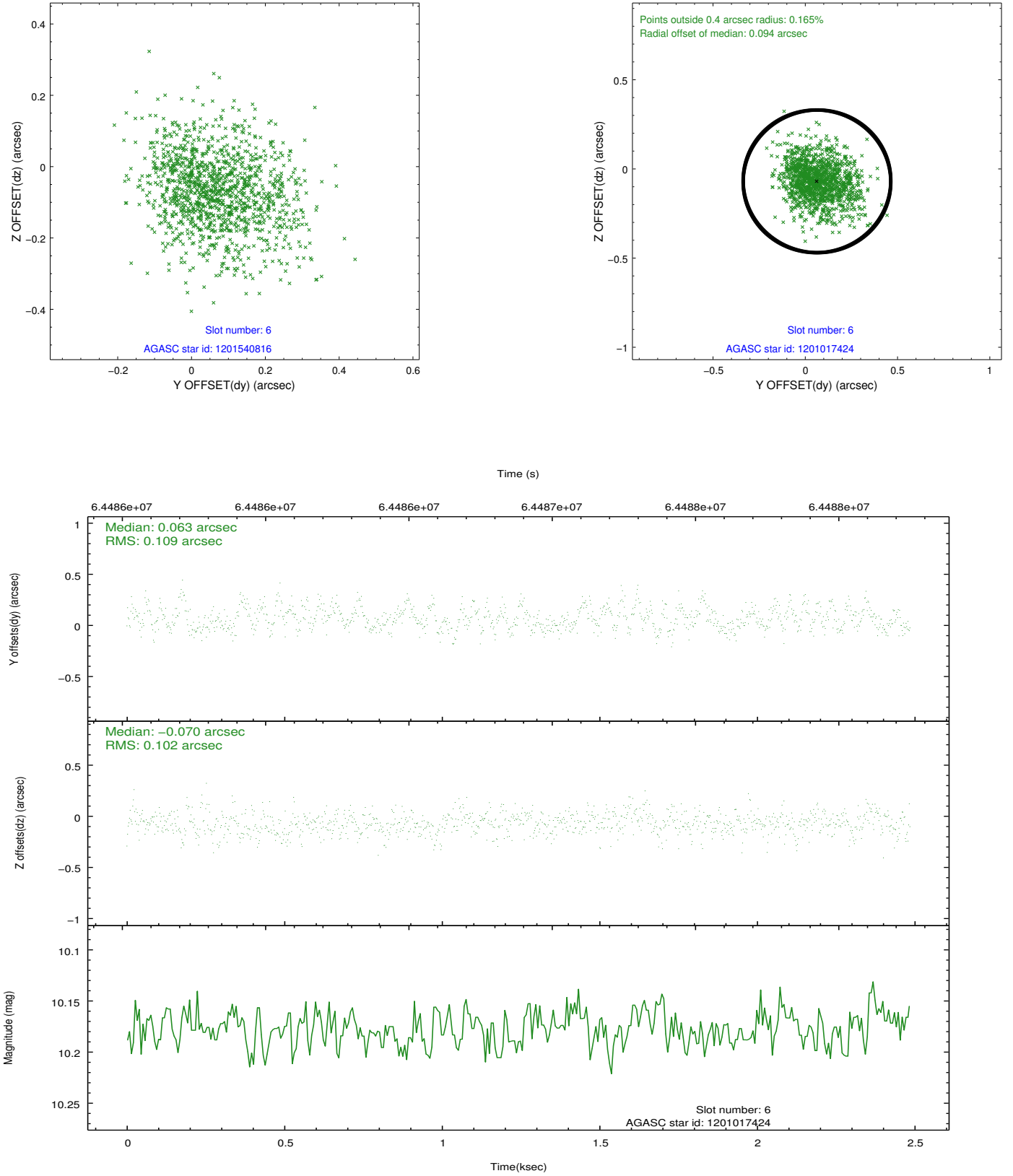
2.4.2 Slot 4



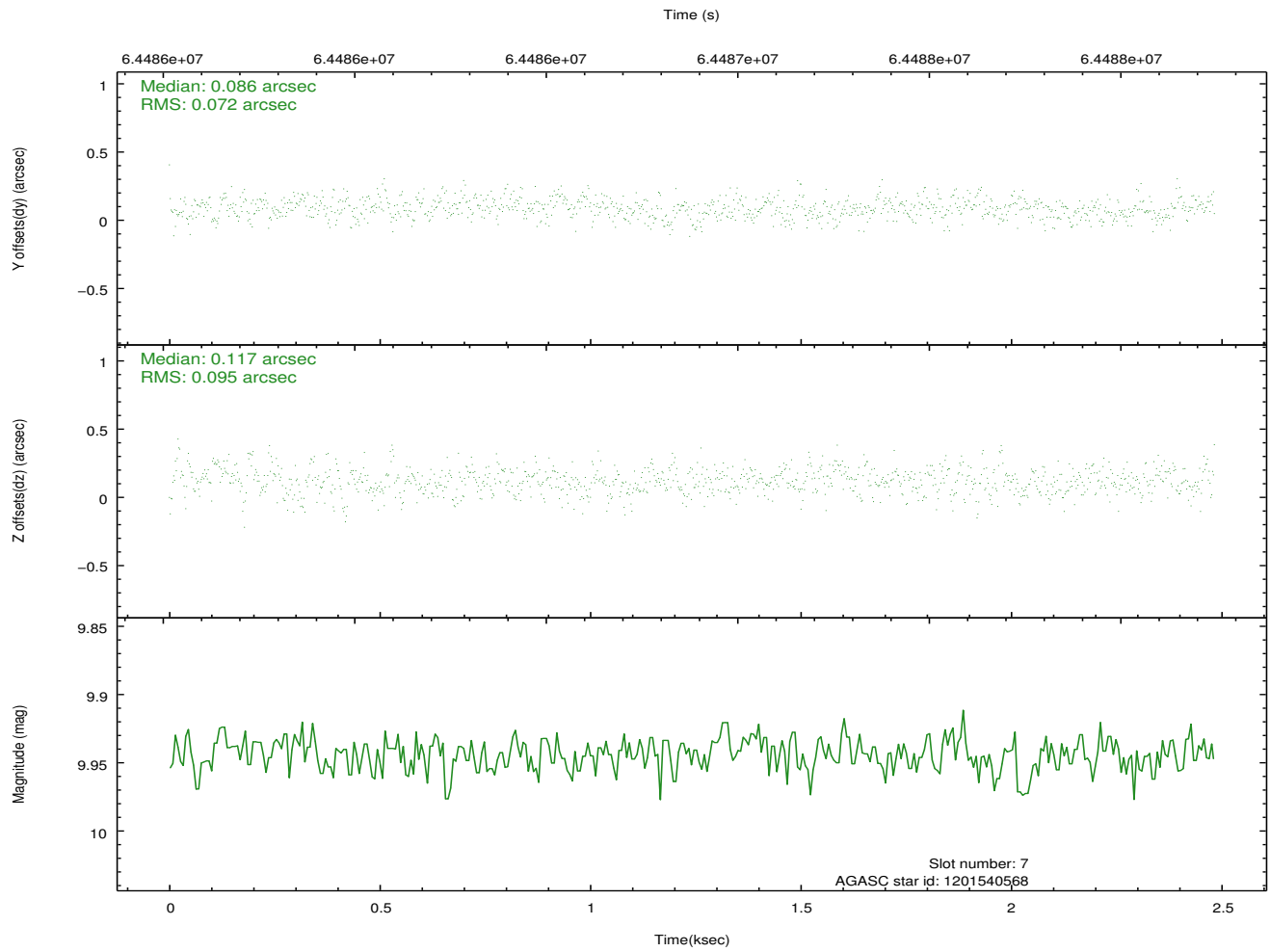
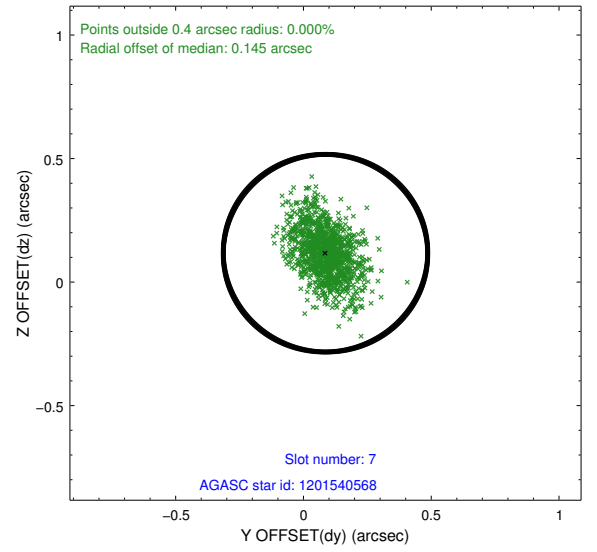
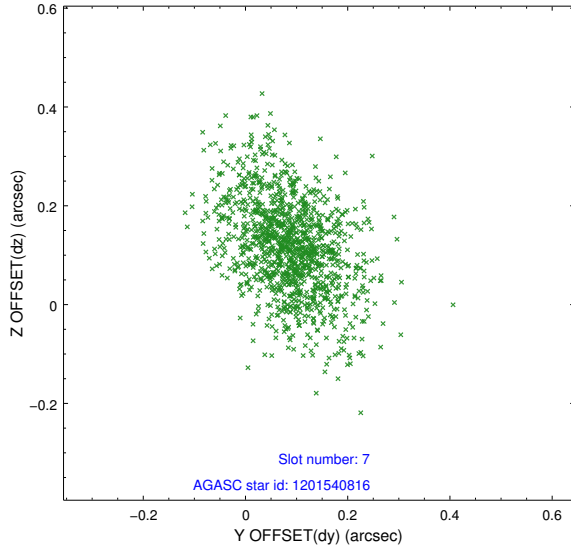
2.4.3 Slot 5



2.4.4 Slot 6

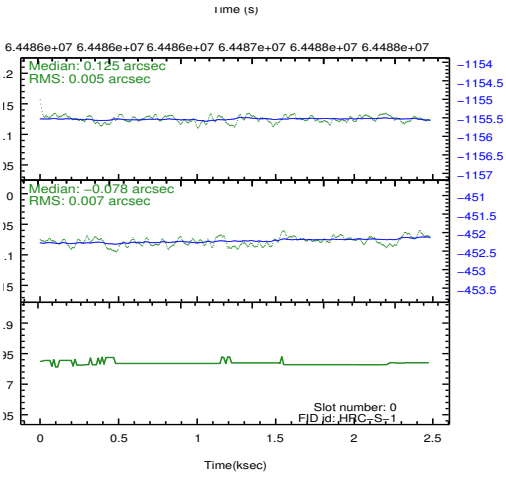
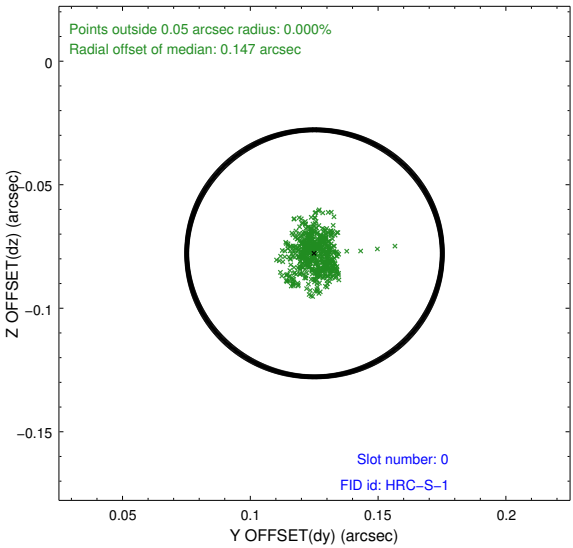
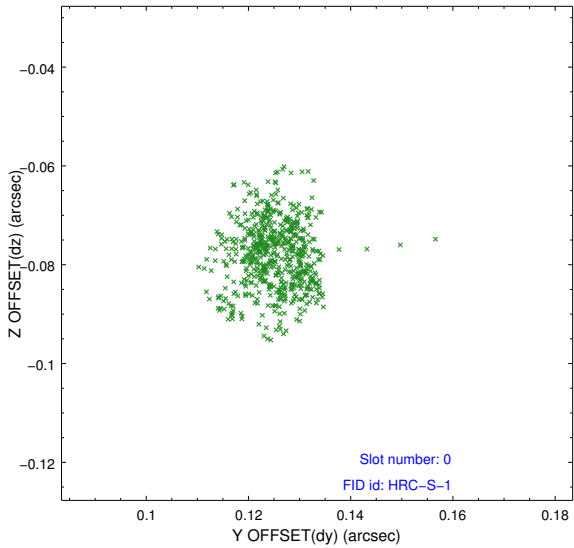


2.4.5 Slot 7

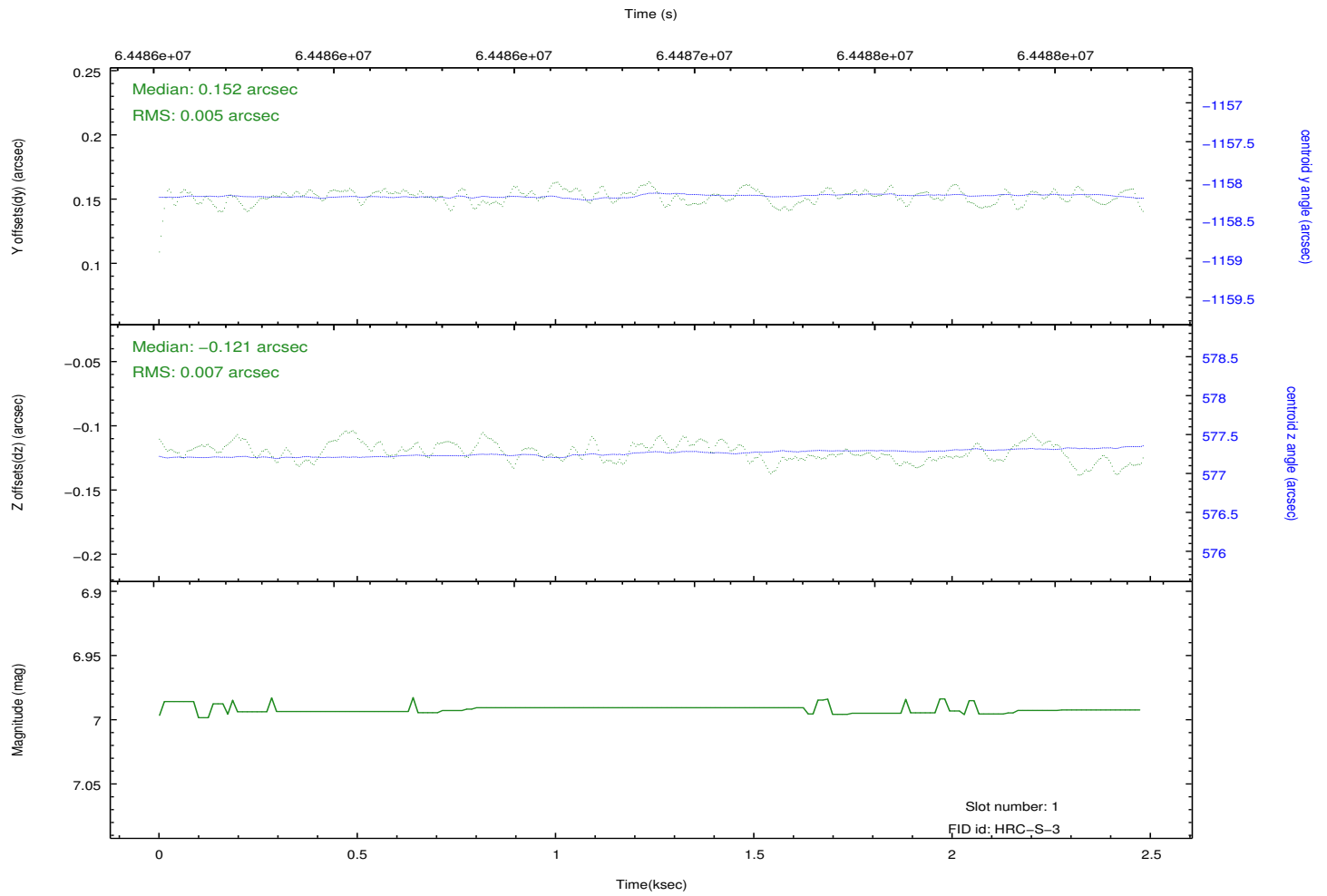
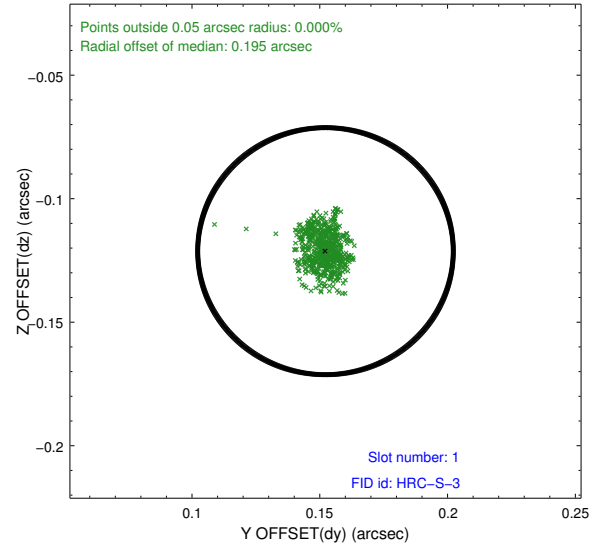
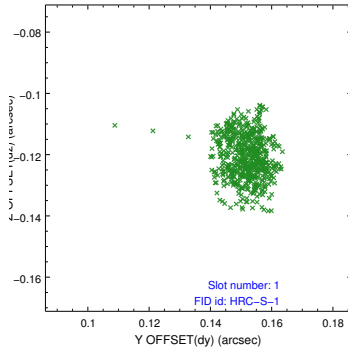


2.5 FID Slots

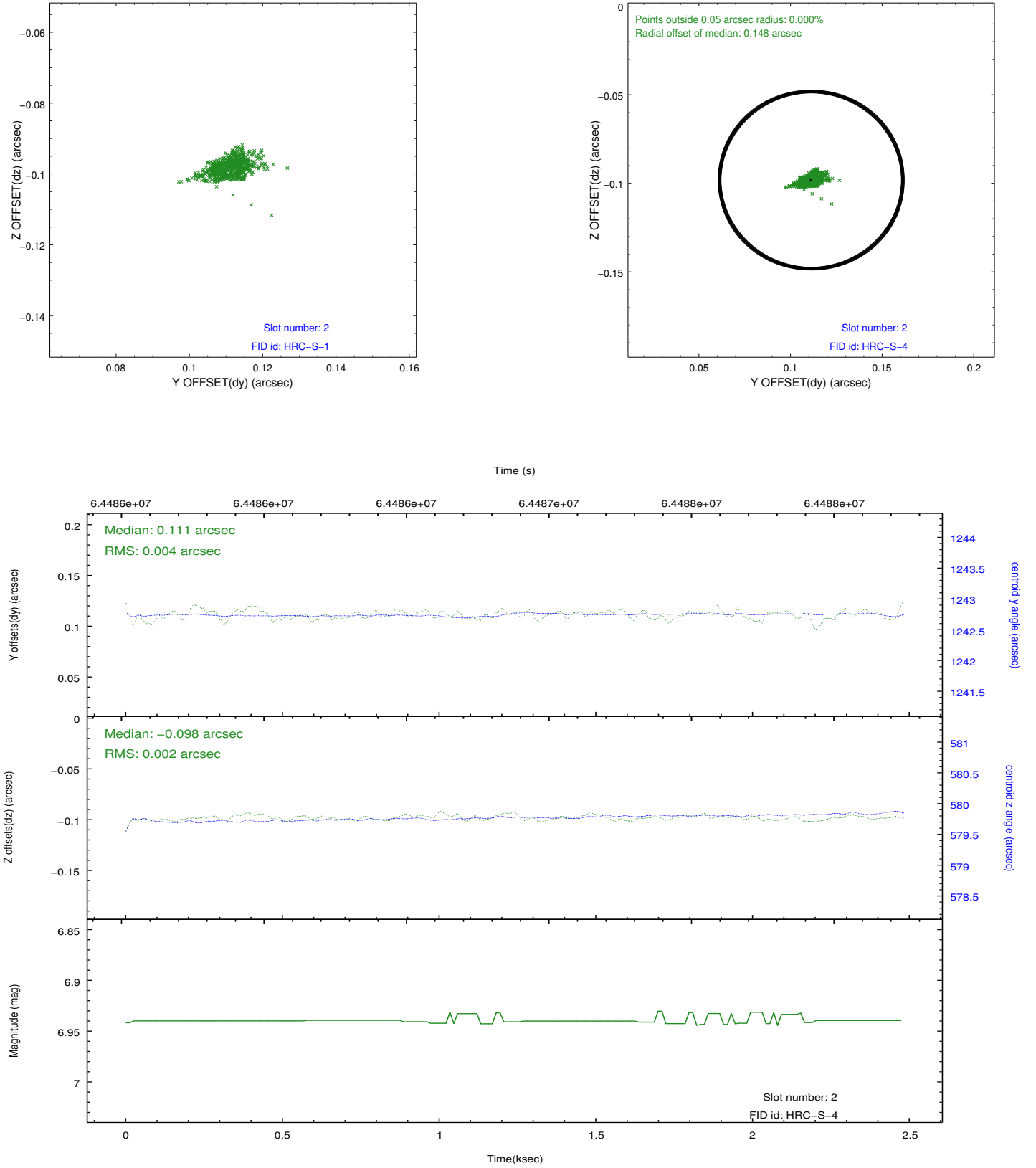
2.5.1 Slot 0



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	1.997

A.2 Comments

Charge time for this ObsId remains at original value of 1.997 ks,
although
with the current processing the charge time would have been 2.204 ksec.

Target very off-axis.