

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3104 - L2 Version 3
Chandra X-Ray Center

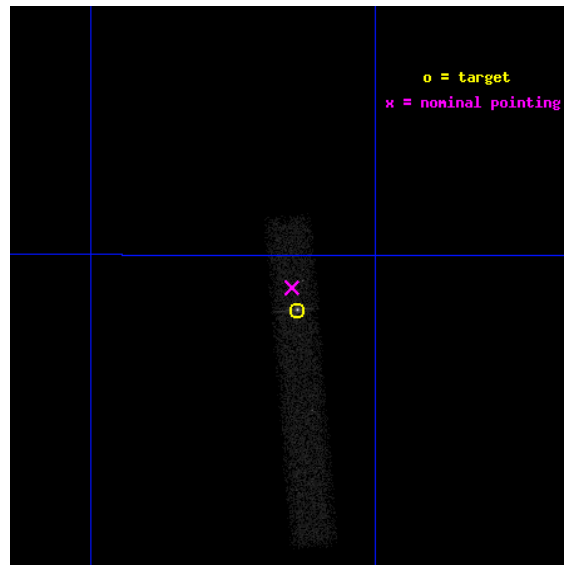
L2 Processing Date : Oct 3 2012

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1 Front

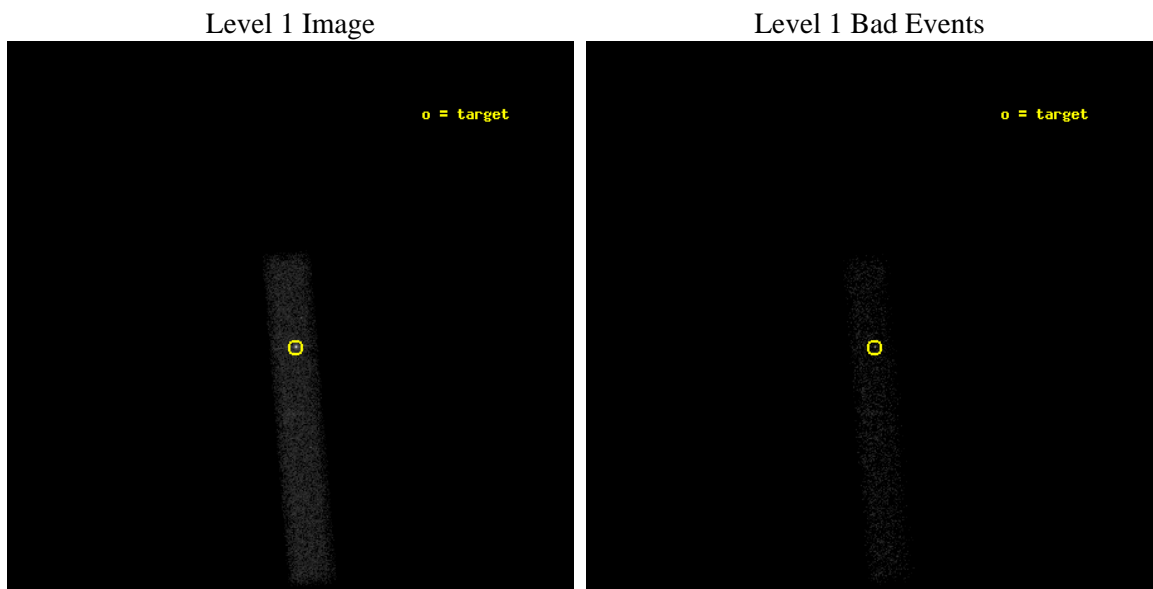
seq_num	700543	Sequence number
obs_id	3104	Observation id
title	X-RAY IMAGING OF GPS AND CSS QUASARS	Proposal title
observer	Dr. Aneta Siemiginowska	Principal investigator
object	Q1416+067	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	214.784167	Observer's specified target RA [deg]
dec_targ	6.476333	Observer's specified target Dec [deg]
ra_nom	214.78667173132	Nominal RA [deg]
dec_nom	6.4857300650881	Nominal Dec [deg]
roll_nom	85.346618801479	Nominal Roll [deg]
revision	3	Processing version of data
ontime	19709.559253708	Sum of GTIs [s]
livetime	17875.529887273	Livetime [s]
ontime7	19709.559253708	Sum of GTIs [s]
l2events	22343	Number of level 2 events



2 OBI

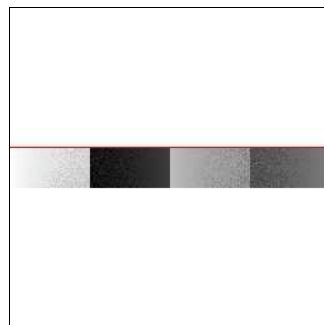
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	19224.152000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	19709.559253708	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	19709.559253708	Sum of GTIs [s]
date	2012-10-03T02:55:55	Date and time of file creation	l1events	35626	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

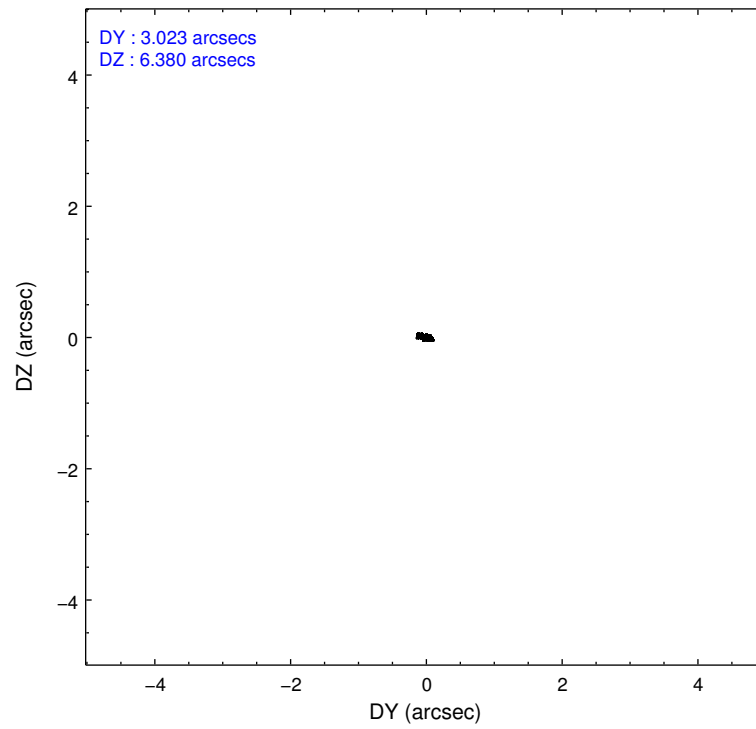
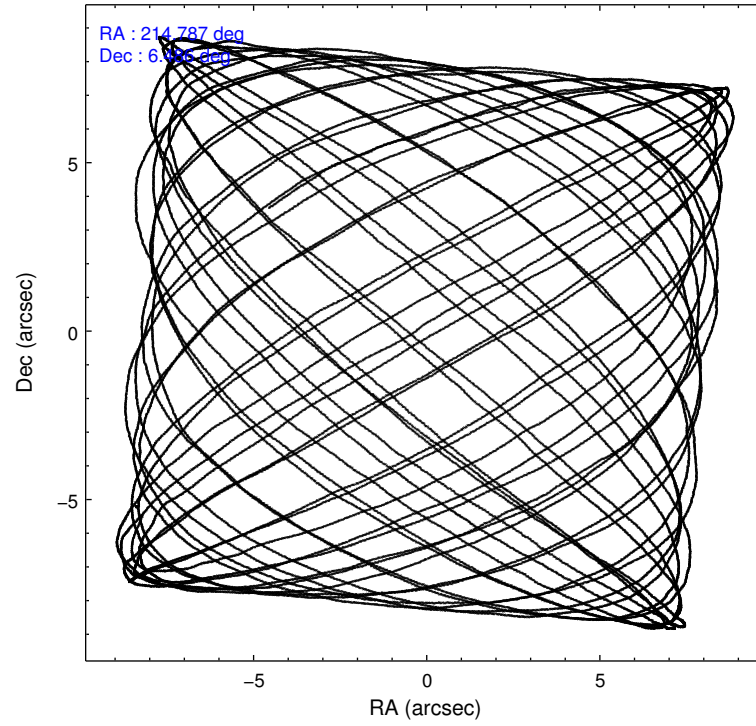
	ccd 7
level 1 events	35626
rejected events	12865
rejected %	36%

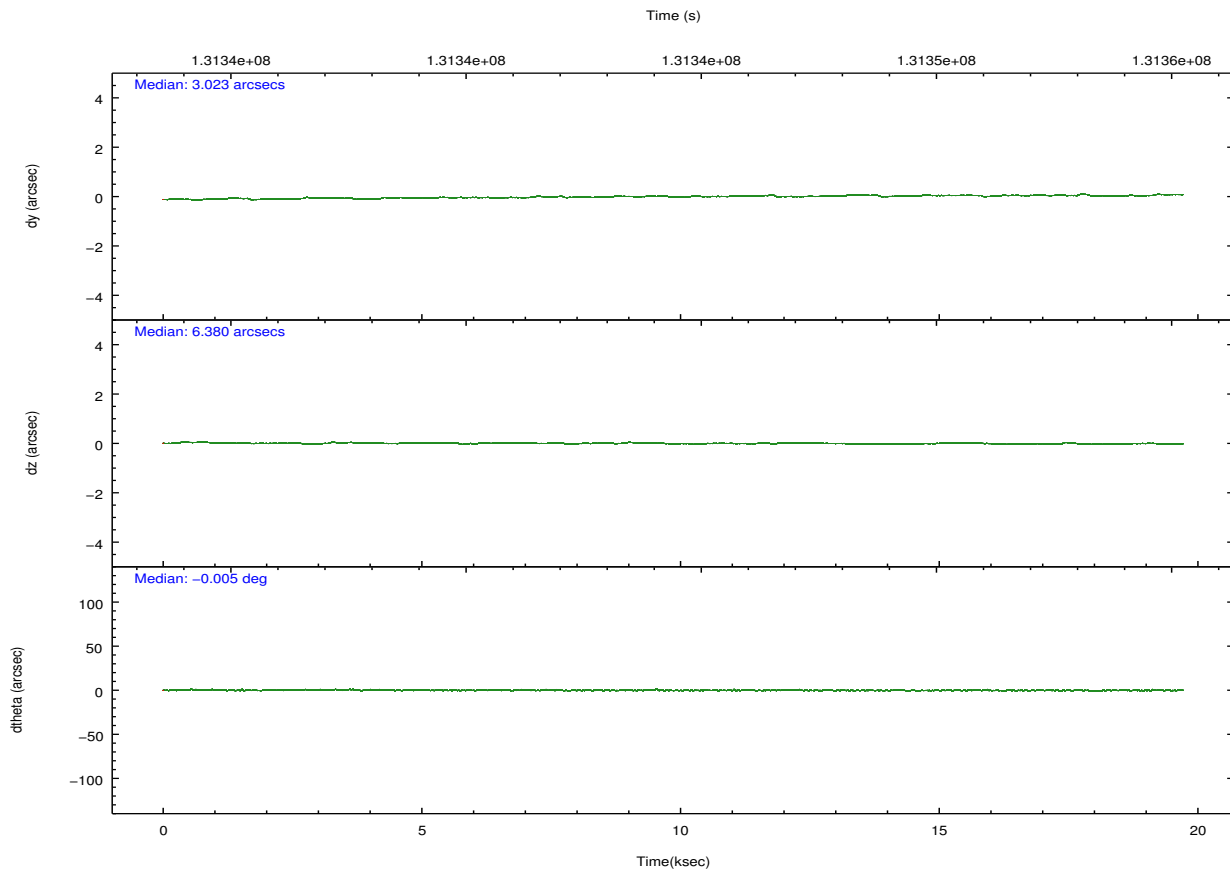
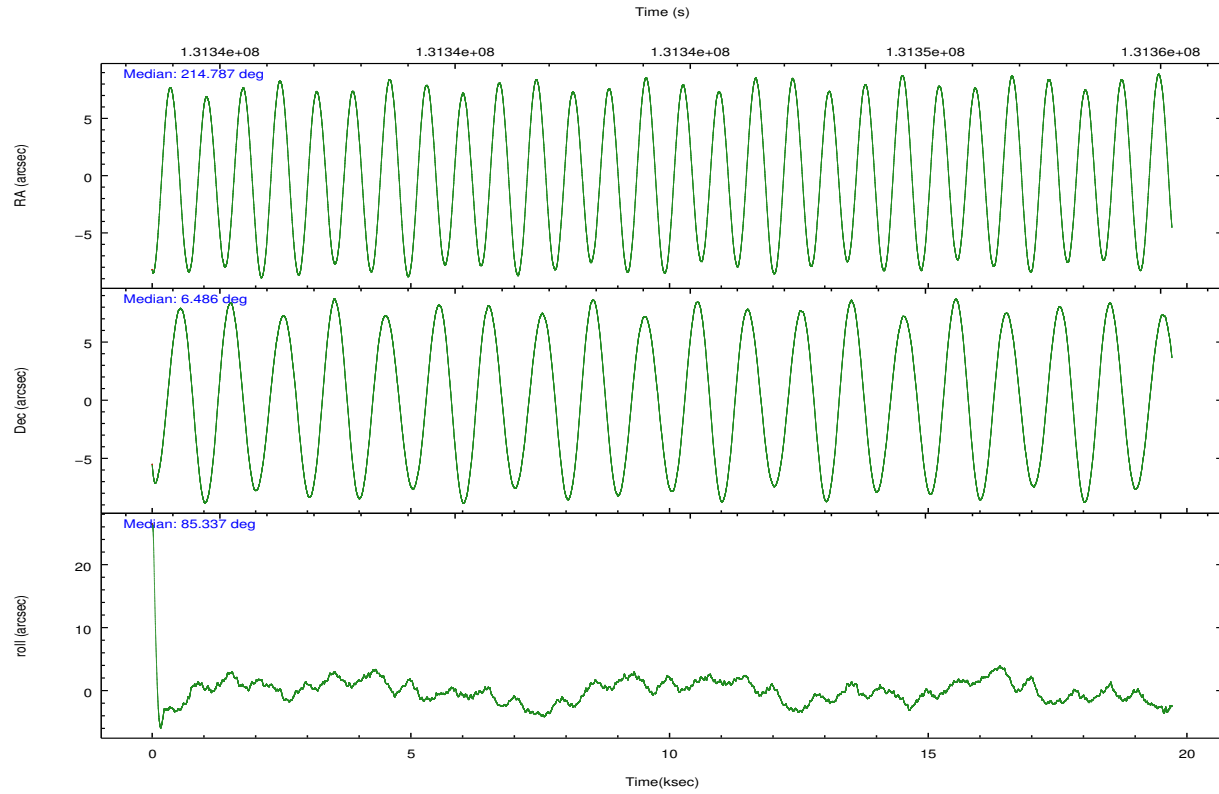
	ccd 7
grade 0 events	5239
	14%
grade 1 events	99
	0%
grade 2 events	5083
	14%
grade 3 events	2676
	7%
grade 4 events	2871
	8%
grade 5 events	2384
	6%
grade 6 events	7155
	20%
grade 7 events	10119
	28%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	214.798716	214.7866717313233	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	6.461234	6.485730065088105	Subarray start row	449	449
[deg] Pointing Roll	85.188615	85.34661880147894	Subarray row count	128	128
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.4
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	131335031.184000	131333920.45502			
Observation start date	2002-03-01T01:56:07	2002-03-01T01:38:40			
[s] Observation end time (MET)	131354255.184000	131354570.10586			
Observation end date	2002-03-01T07:16:31	2002-03-01T07:22:50			
Read mode	TIMED	TIMED			

2.3 Aspect



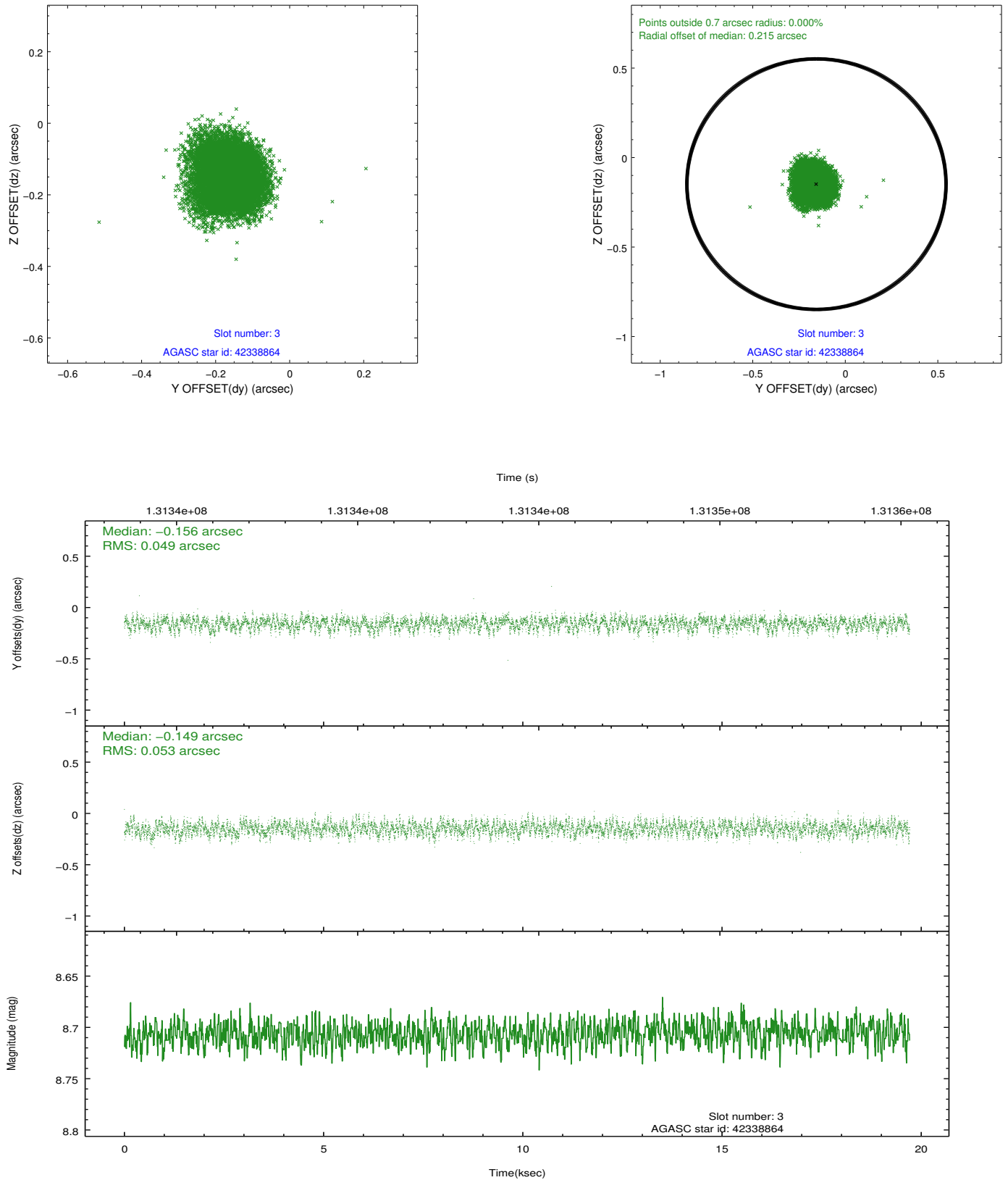


Slot Statistics

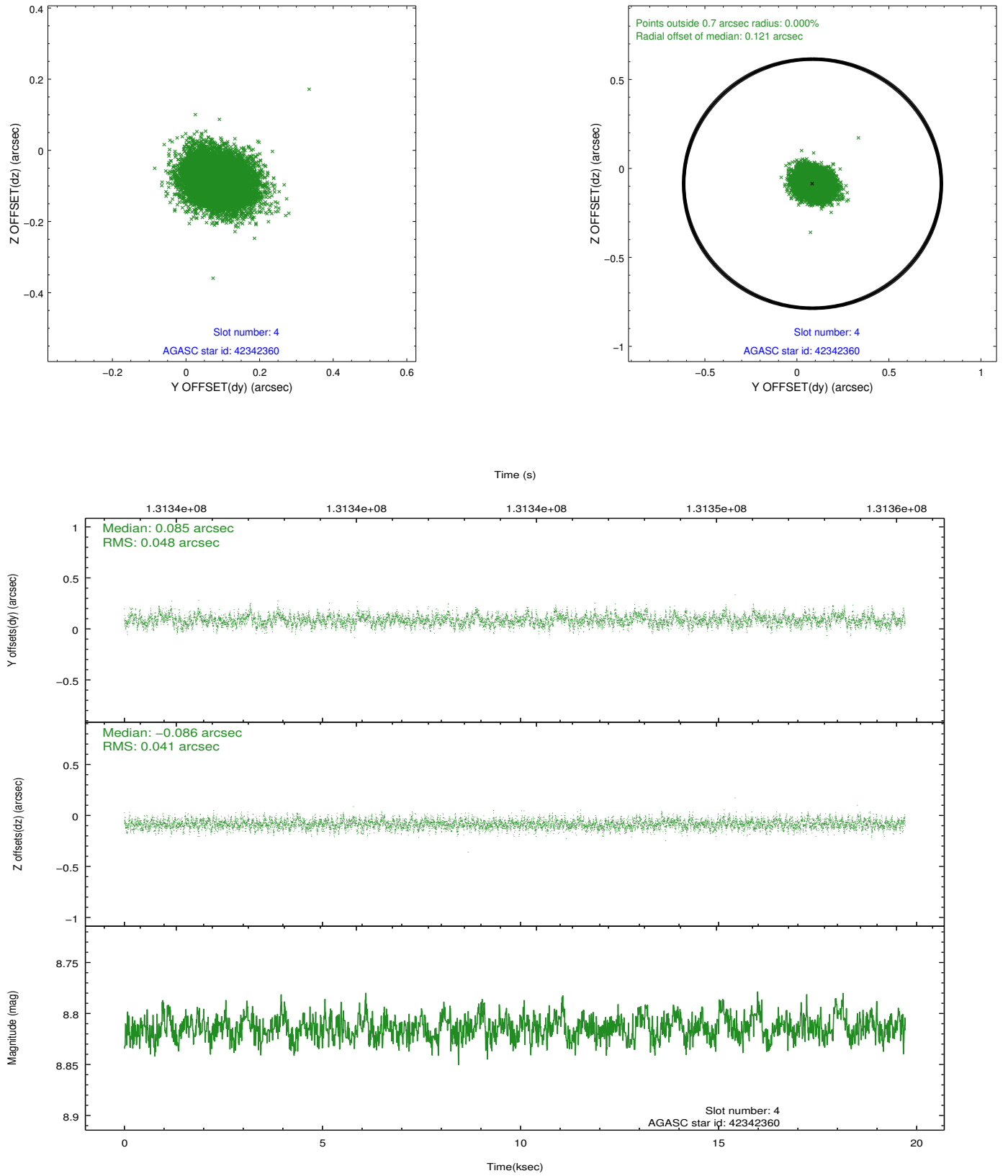
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	4808	-0.031	0.005	0.007	0.011	0.000000	0.000000	-755.65	-1727.54
1	FID	ACIS-S-4	7.21	4808	-0.016	0.014	0.006	0.011	0.000000	0.000000	2157.52	180.81
2	FID	ACIS-S-5	7.24	4808	0.016	-0.010	0.007	0.011	0.000000	0.000000	-1808.23	174.60
3	GUIDE	42338864	8.71	9614	-0.156	-0.149	0.077	0.124	214.291523	6.752765	893.76	1895.59
4	GUIDE	42342360	8.81	9615	0.085	-0.086	0.066	0.110	214.659937	6.232653	-861.98	426.45
5	GUIDE	42338216	9.36	9608	-0.054	-0.097	0.088	0.141	214.545343	6.840230	1283.05	1017.71
6	GUIDE	42338104	9.84	9614	0.224	0.106	0.101	0.167	214.872561	6.378797	-273.65	-287.40
7	GUIDE	42474848	7.61	9613	-0.099	0.227	0.052	0.084	215.355097	6.442439	100.24	-1988.02

2.4 Star Slots

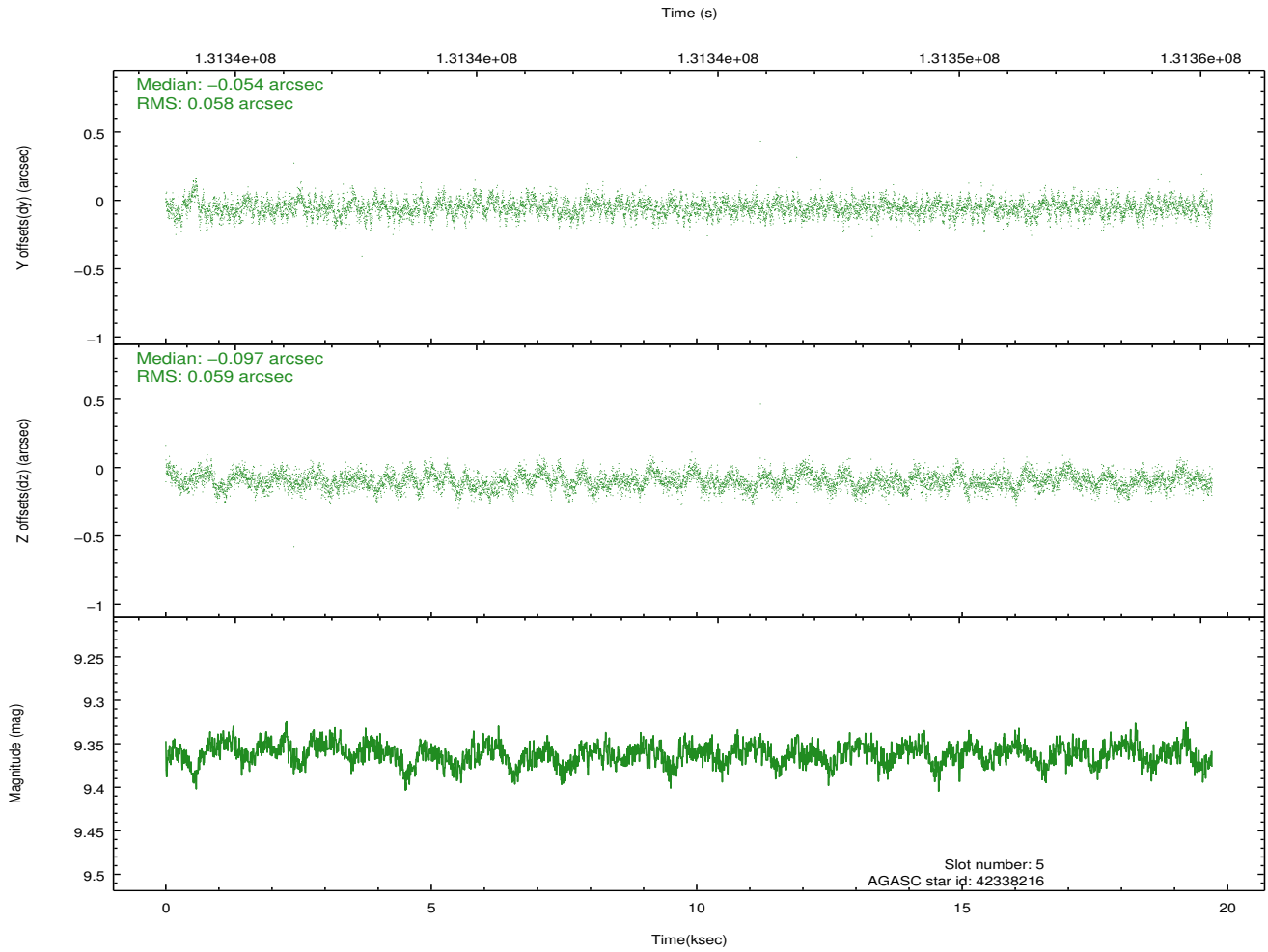
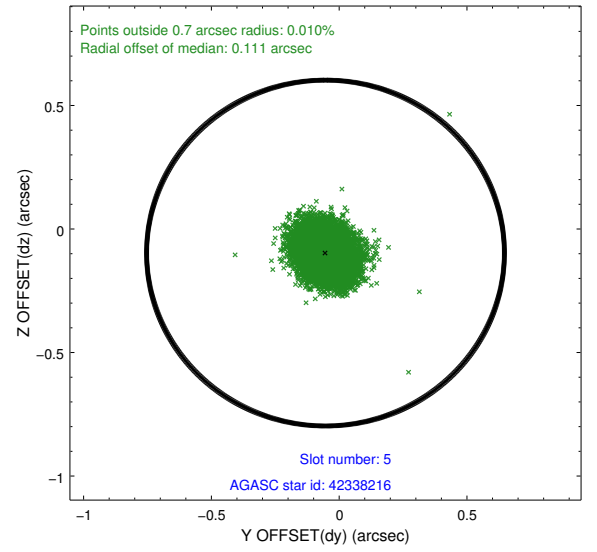
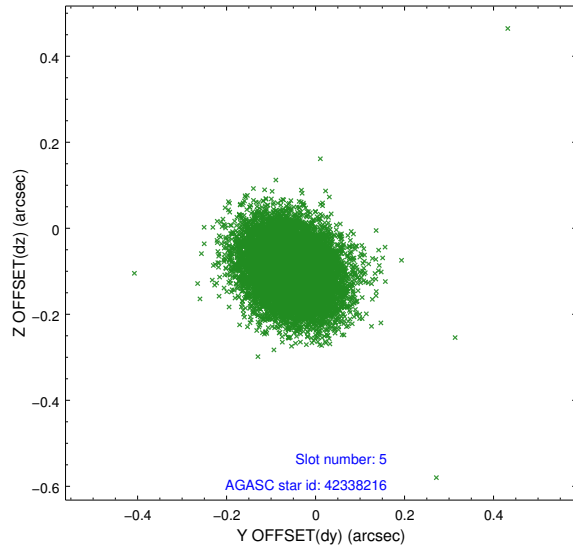
2.4.1 Slot 3



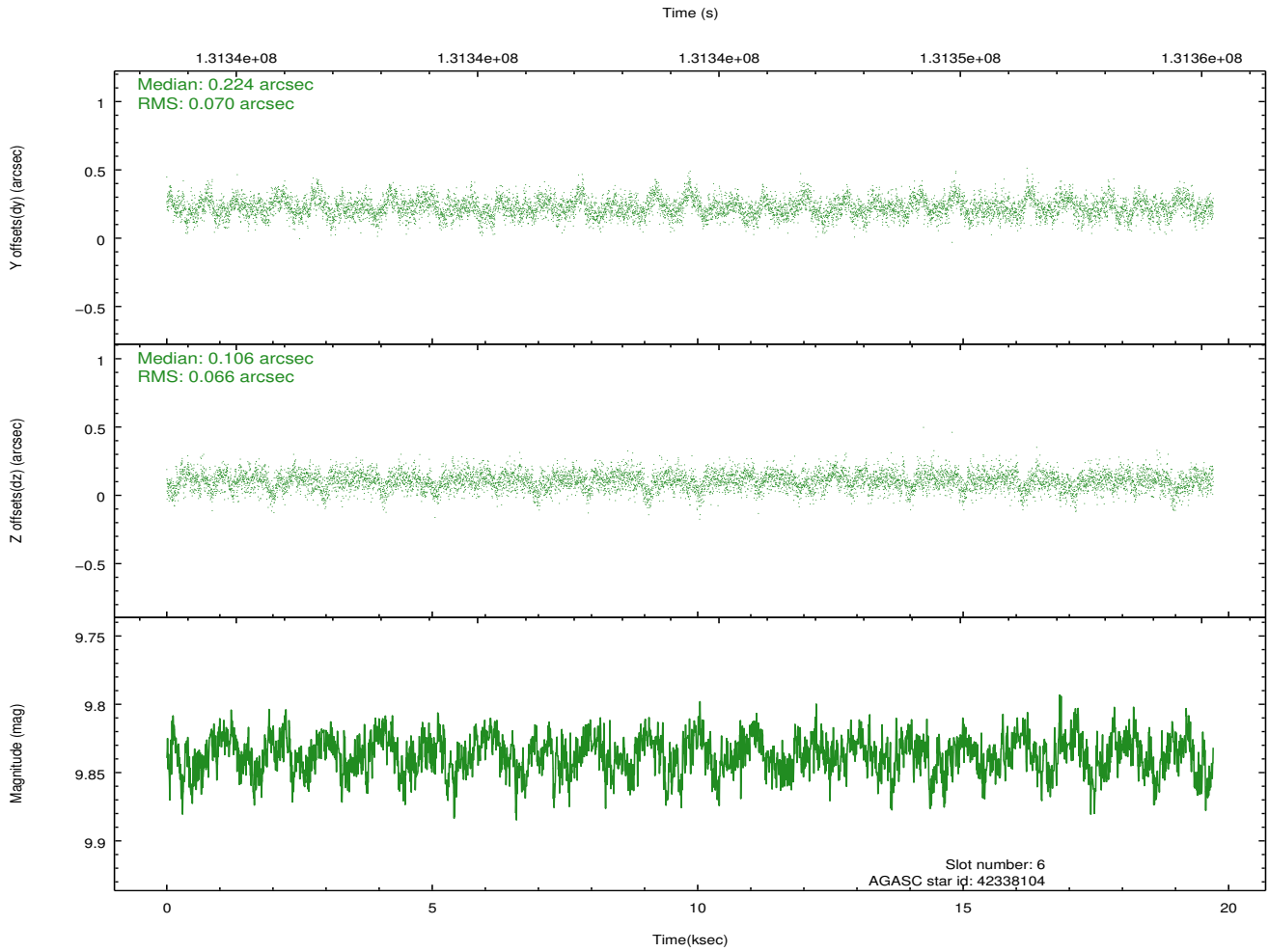
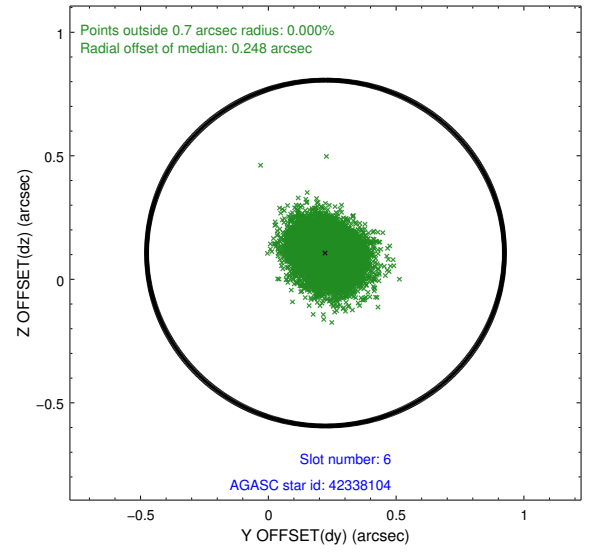
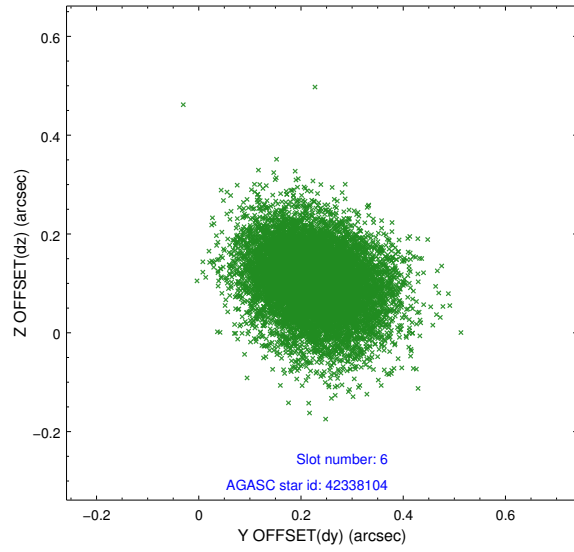
2.4.2 Slot 4



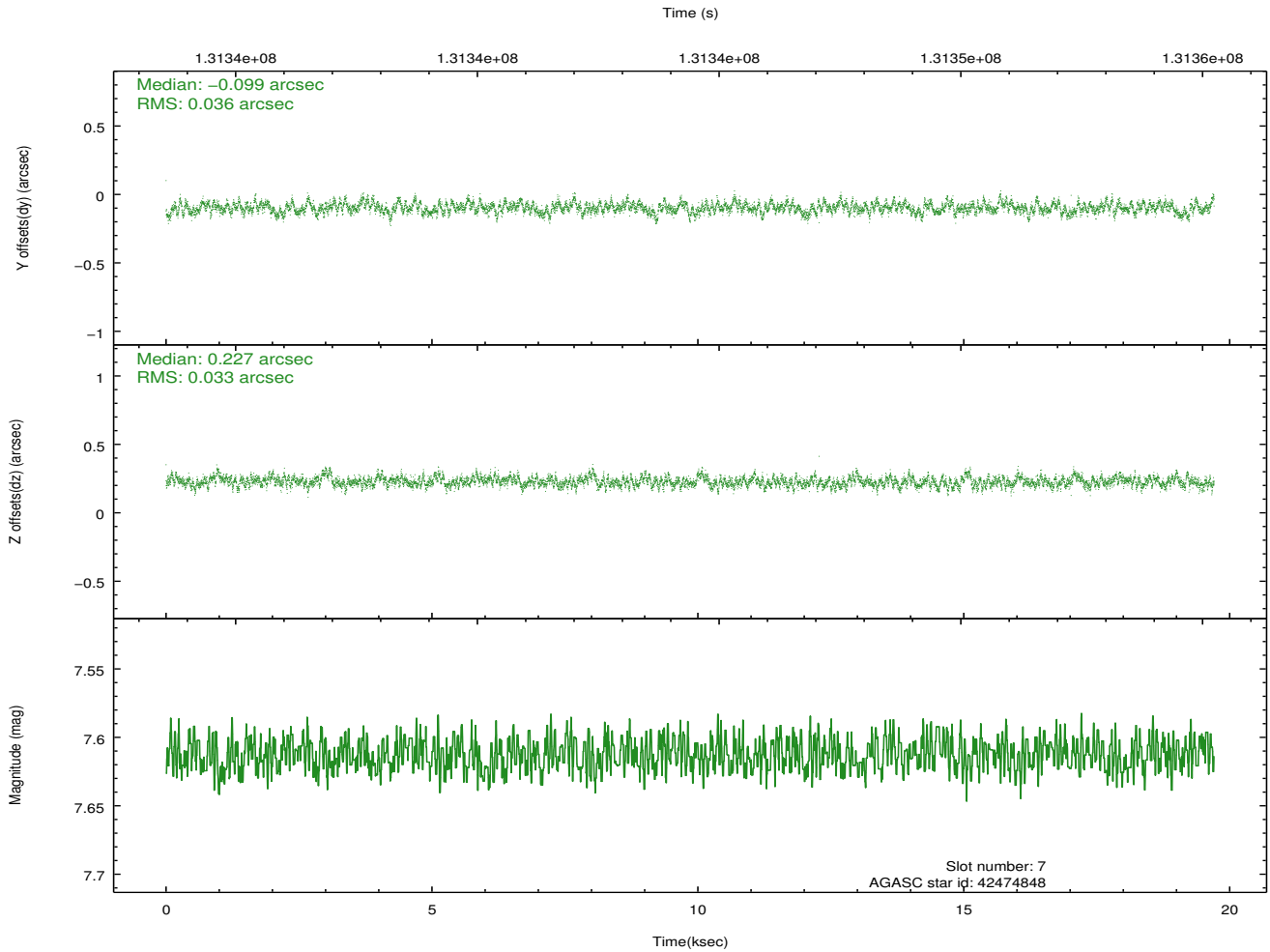
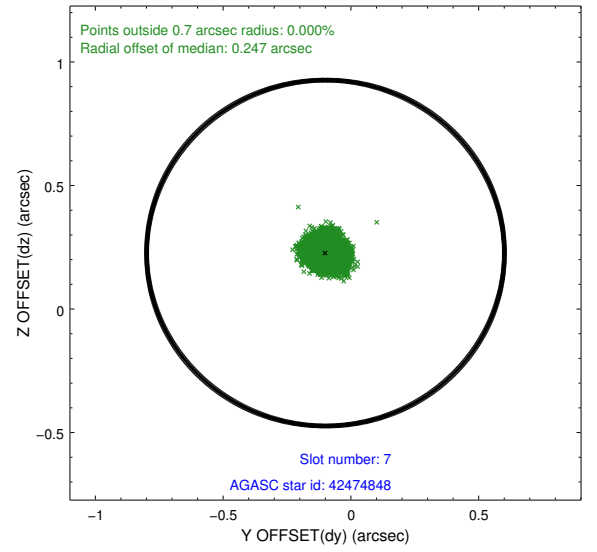
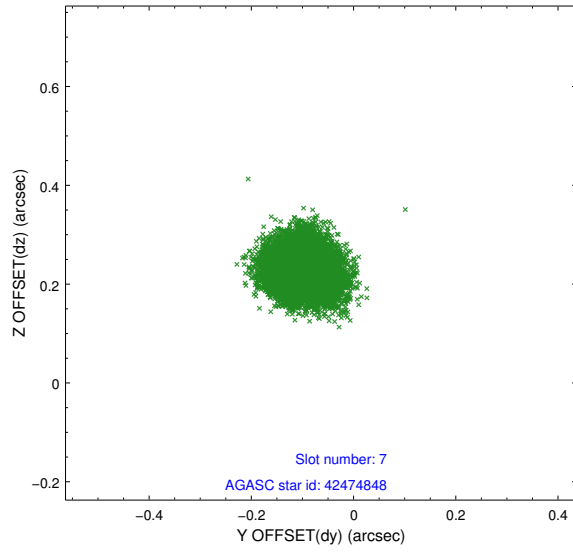
2.4.3 Slot 5



2.4.4 Slot 6

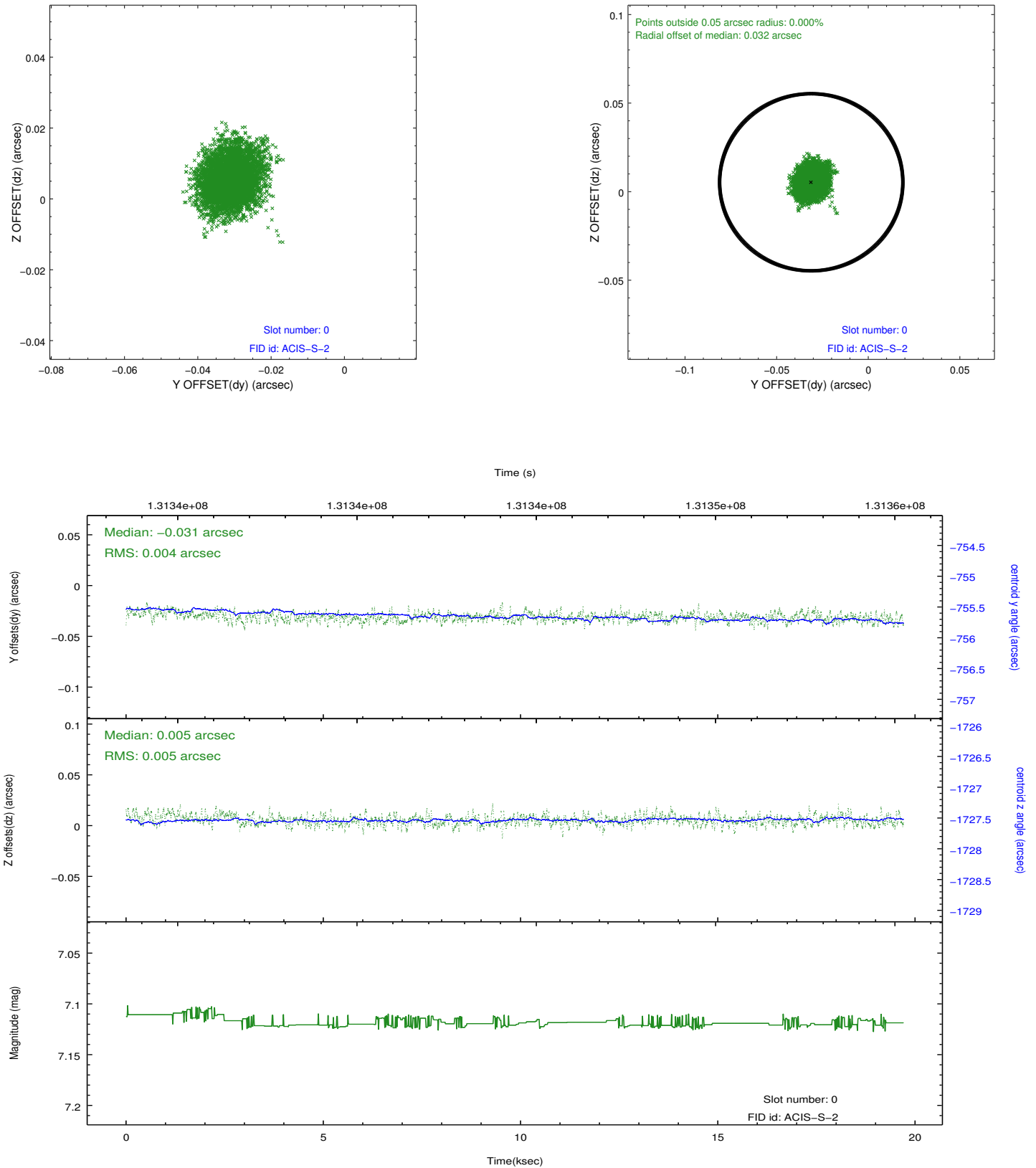


2.4.5 Slot 7

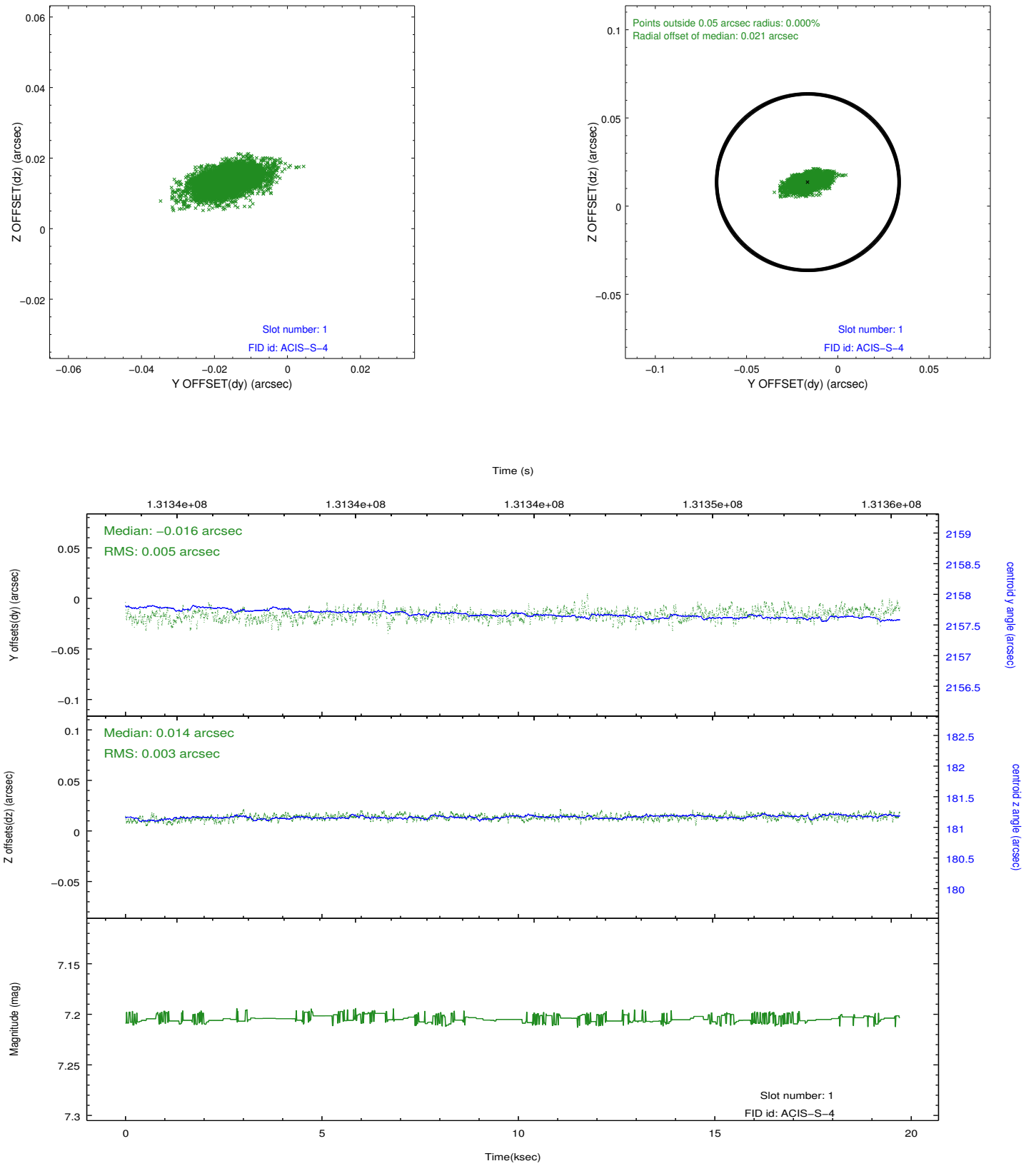


2.5 FID Slots

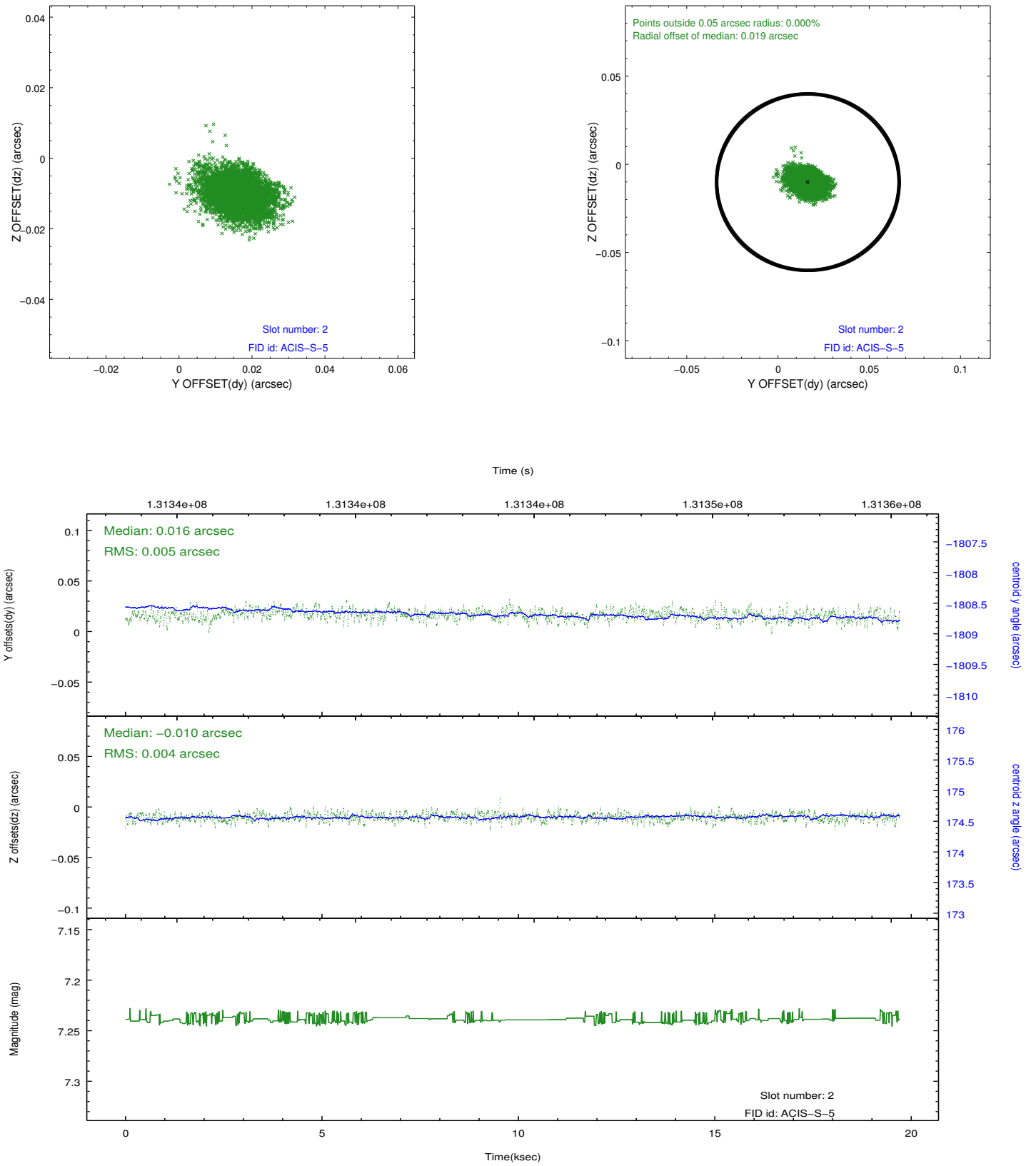
2.5.1 Slot 0



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)	2012.10.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.709

A.2 Comments

Joint Proposal: HST+NOAO