

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 1621 - L2 Version 3
Chandra X-Ray Center

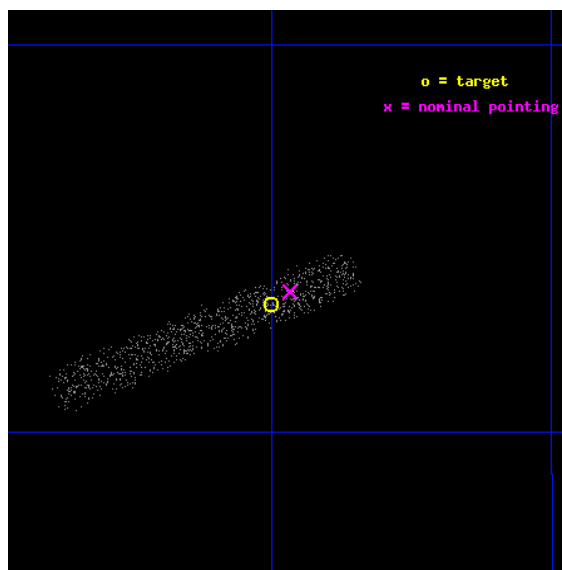
L2 Processing Date : Sep 14 2012

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1 Front

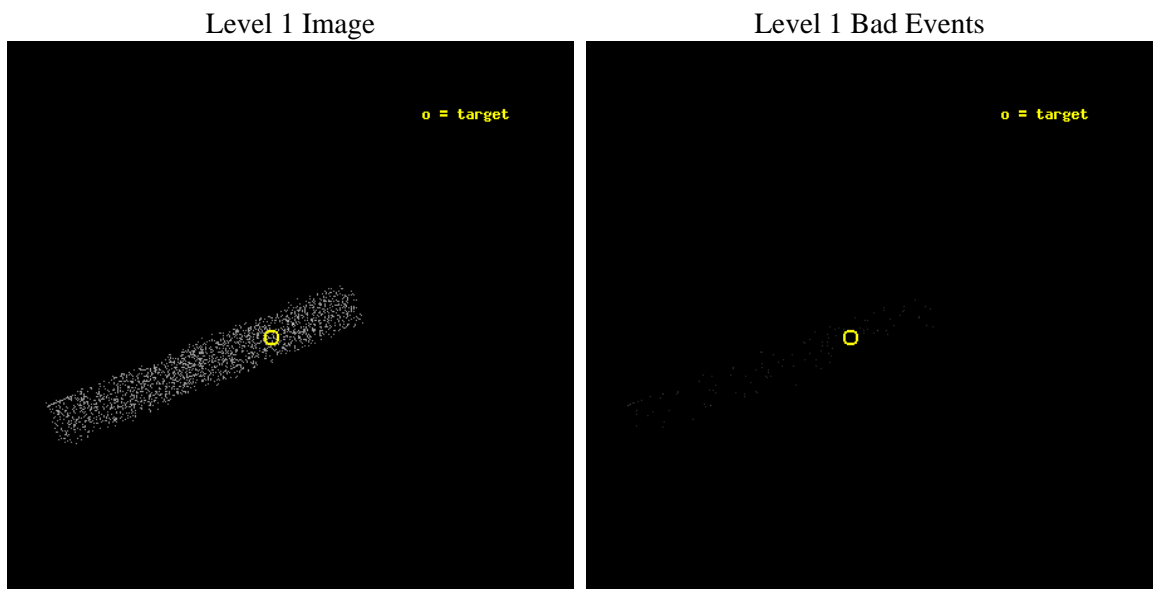
seq_num	700237	Sequence number
obs_id	1621	Observation id
title	STUDIES OF RADIO JETS AND THE NARROW LINE REGIONS OF ACTIVE GALAXIES	
observer	Professor Andrew Wilson	Principal investigator
object	NGC4550	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	188.875417	Observer's specified target RA [deg]
dec_targ	12.221806	Observer's specified target Dec [deg]
ra_nom	188.86696663376	Nominal RA [deg]
dec_nom	12.227175326497	Nominal Dec [deg]
roll_nom	157.65450090089	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2078.2283552289	Sum of GTIs [s]
livetime	1884.8434203056	Livetime [s]
ontime7	2078.2283552289	Sum of GTIs [s]
l2events	1141	Number of level 2 events



2 OBI

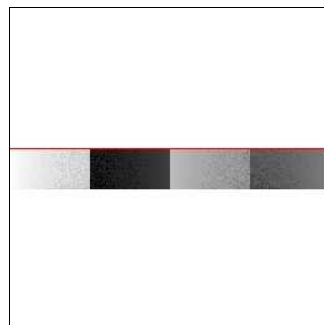
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2300.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2078.2283552289	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime7	2078.2283552289	Sum of GTIs [s]
date	2012-09-14T05:32:55	Date and time of file creation	l1events	2447	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

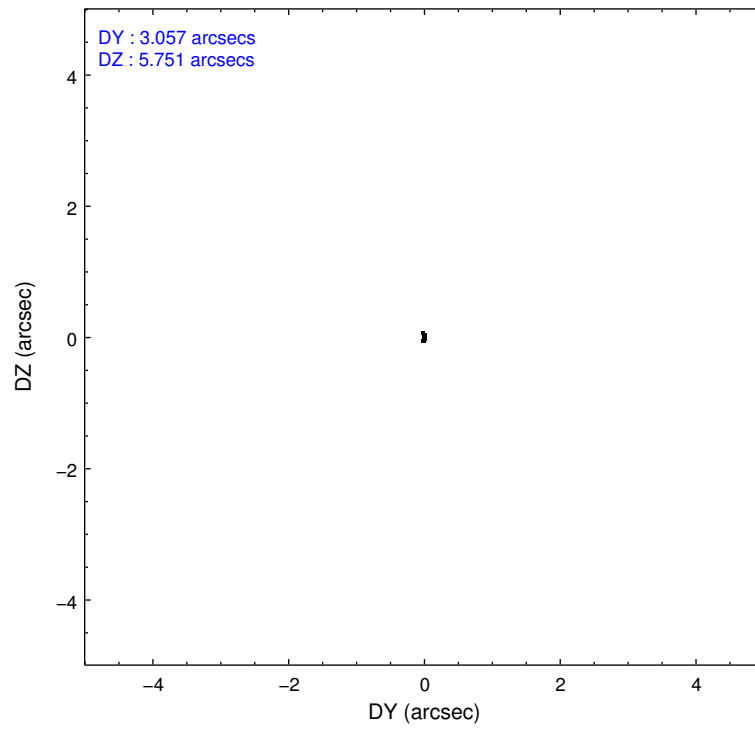
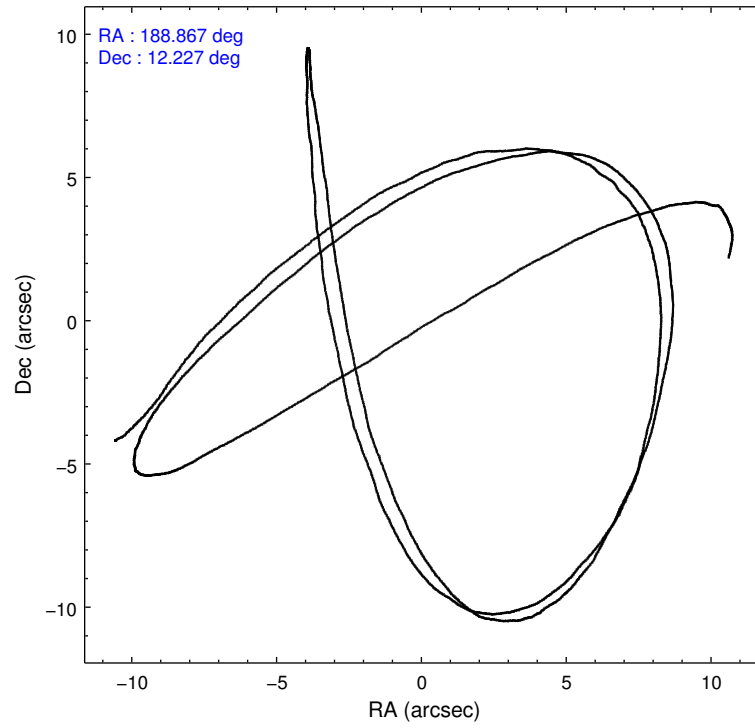
	ccd 7
level 1 events	2447
rejected events	1271
rejected %	51%

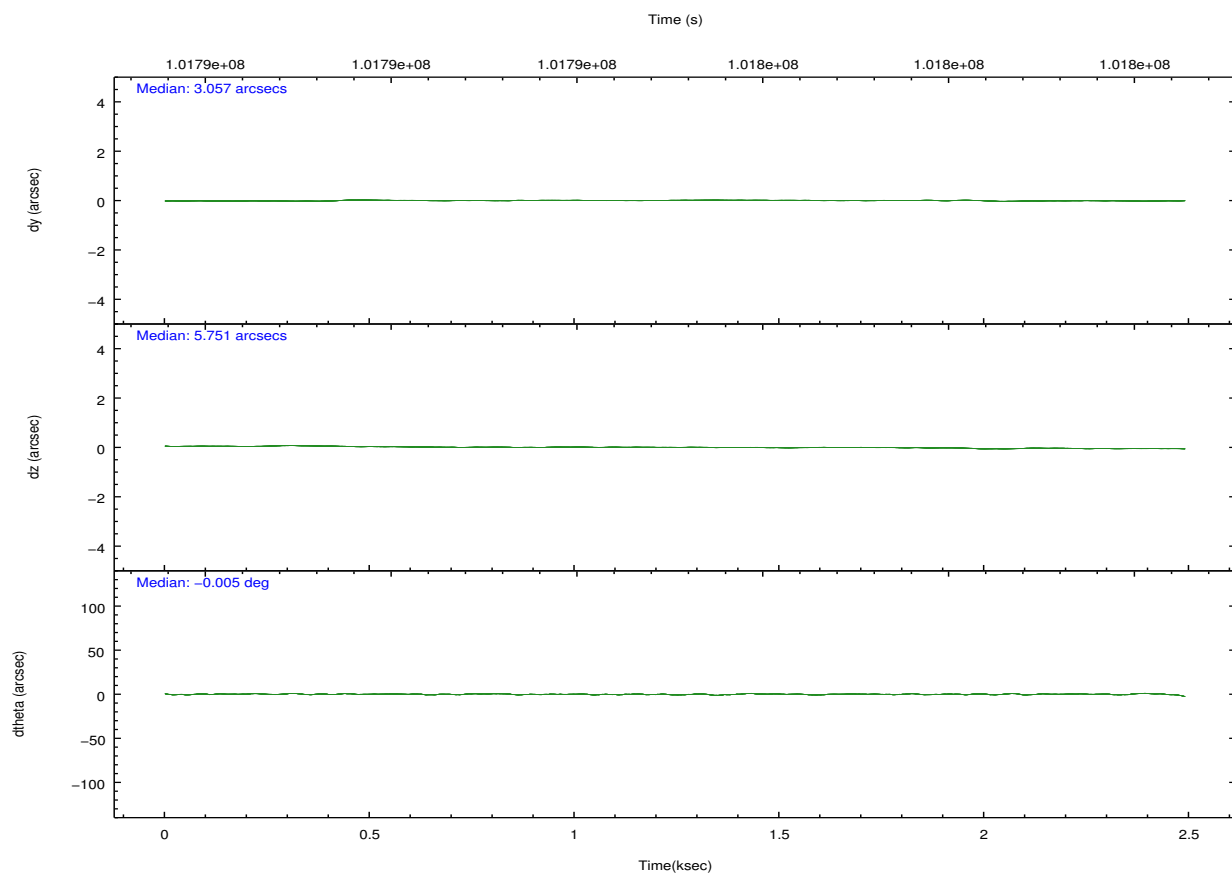
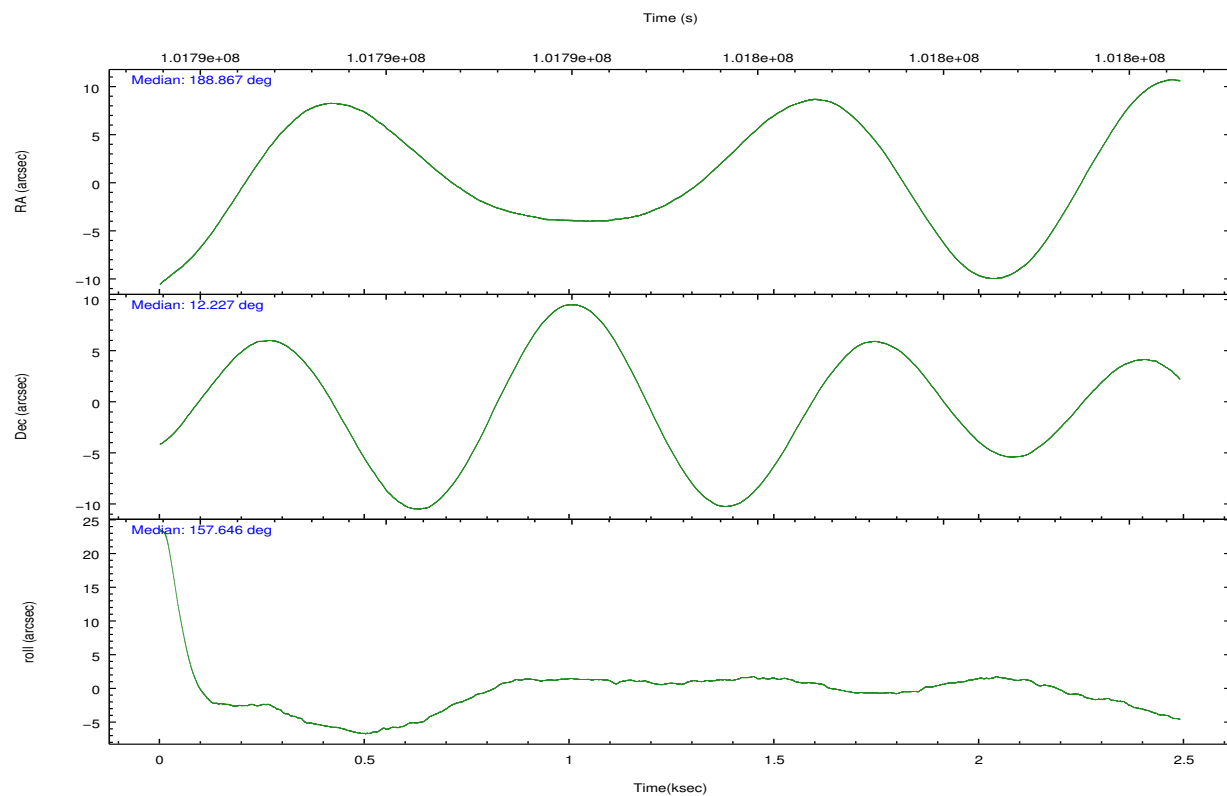
	ccd 7
grade 0 events	163
	6%
grade 1 events	2
	0%
grade 2 events	245
	10%
grade 3 events	153
	6%
grade 4 events	151
	6%
grade 5 events	210
	8%
grade 6 events	464
	18%
grade 7 events	1059
	43%

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	188.894630	188.8669666337644	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	12.230978	12.22717532649691	Subarray start row	447	447
[deg] Pointing Roll	157.491969	157.6545009008925	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)	101793711.184000	101793252.72478			
Observation start date	2001-03-24T04:00:47	2001-03-24T03:54:12			
[s] Observation end time (MET)	101796011.184000	101796383.5874			
Observation end date	2001-03-24T04:39:07	2001-03-24T04:46:23			
Read mode	TIMED	TIMED			

2.3 Aspect



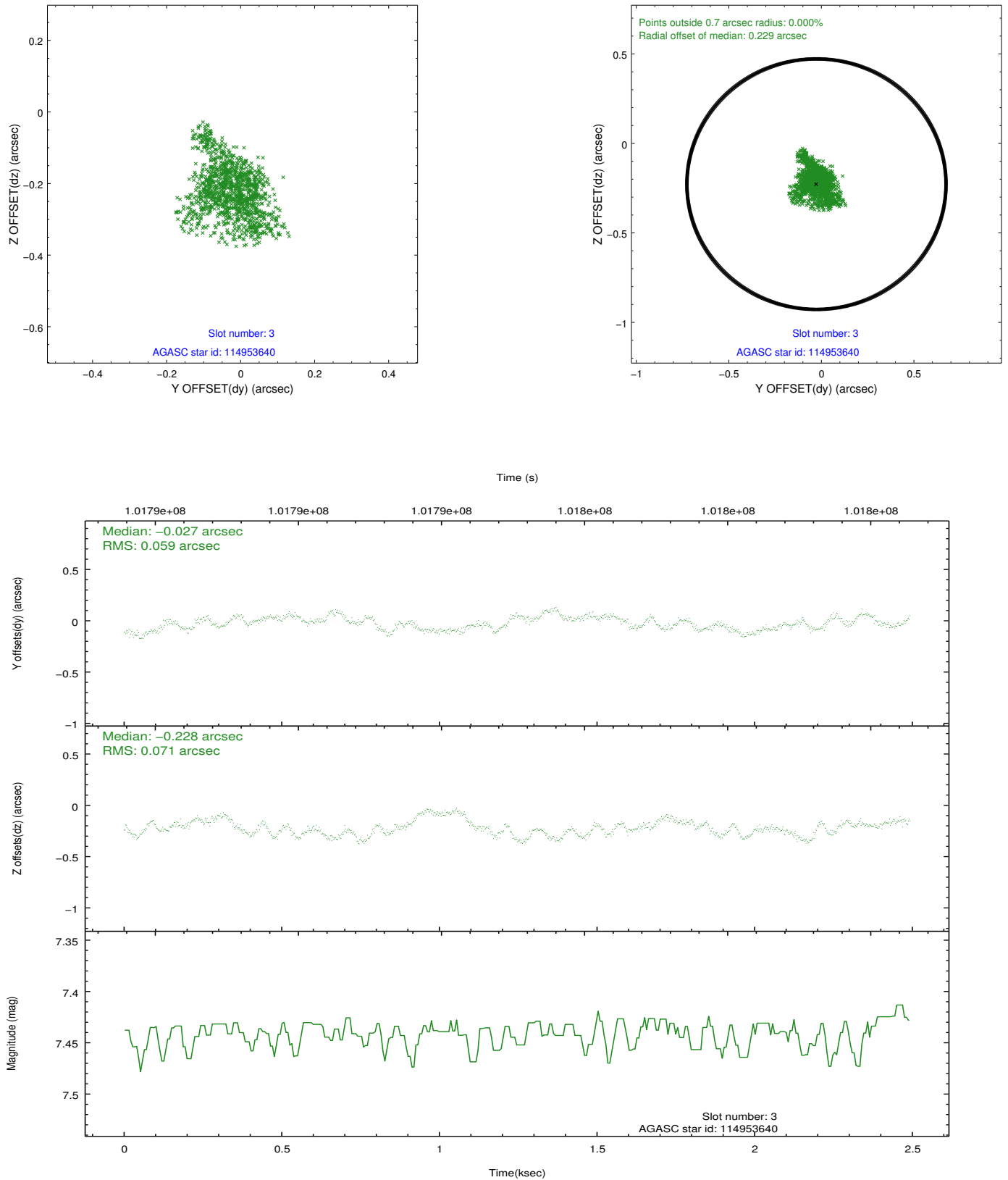


Slot Statistics

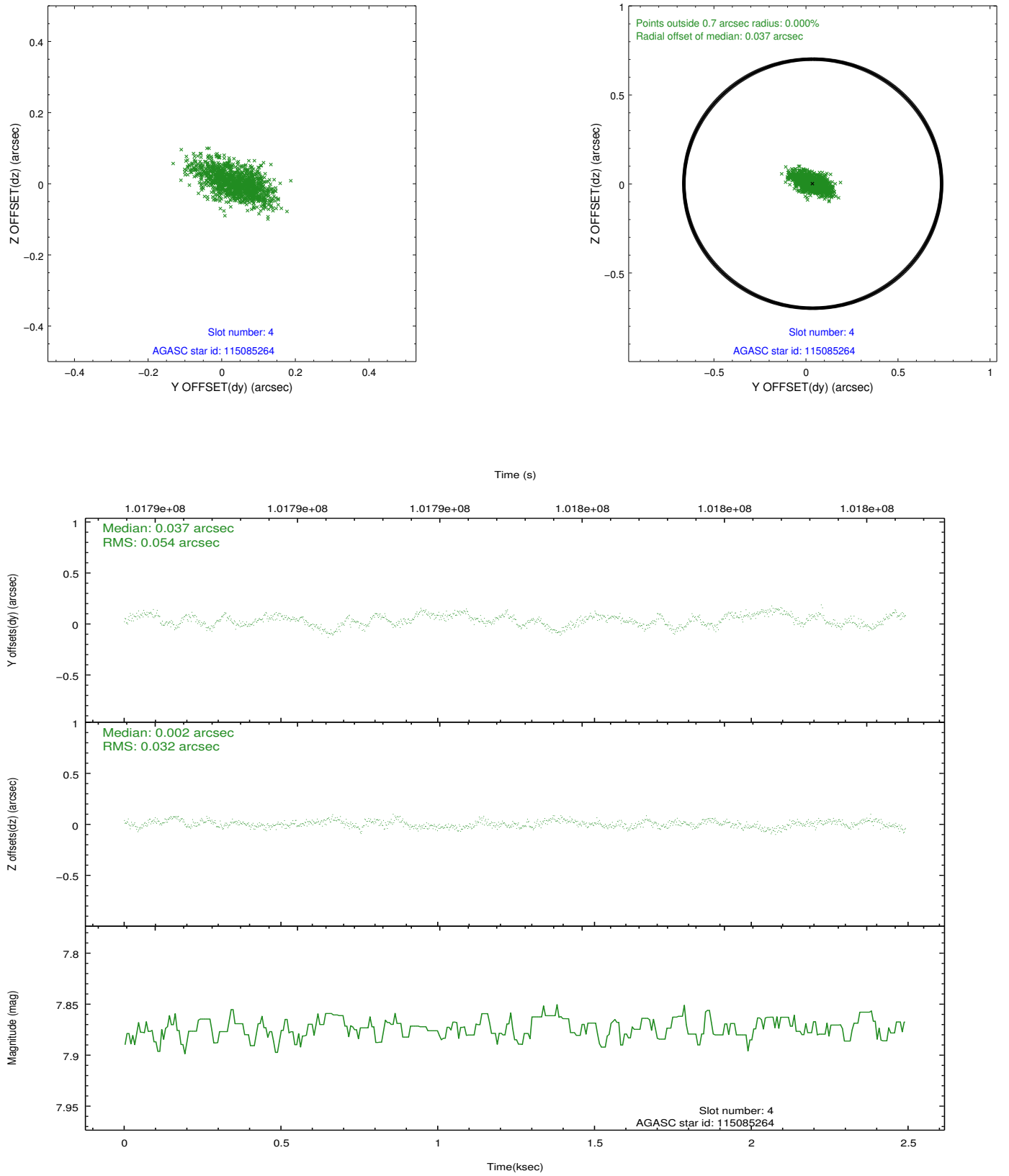
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	608	-0.026	0.010	0.007	0.012	0.000000	0.000000	-755.68	-1726.89
1	FID	ACIS-S-4	7.20	608	-0.036	0.010	0.005	0.009	0.000000	0.000000	2156.37	178.98
2	FID	ACIS-S-5	7.24	608	0.031	-0.011	0.006	0.011	0.000000	0.000000	-1805.17	175.49
3	GUIDE	114953640	7.44	1216	-0.027	-0.228	0.098	0.163	188.794711	11.547726	-616.56	2407.41
4	GUIDE	115085264	7.87	1216	0.037	0.002	0.064	0.113	189.302301	11.817775	-1896.90	825.54
5	GUIDE	115481912	8.59	1216	-0.053	0.102	0.070	0.119	189.408526	12.669552	-1063.92	-2150.06
6	GUIDE	114951128	8.91	1215	0.095	0.073	0.062	0.100	188.719863	12.459246	881.29	-525.16
7	GUIDE	115349088	9.32	1213	-0.050	0.041	0.094	0.149	188.777694	12.938966	1355.73	-2197.32

2.4 Star Slots

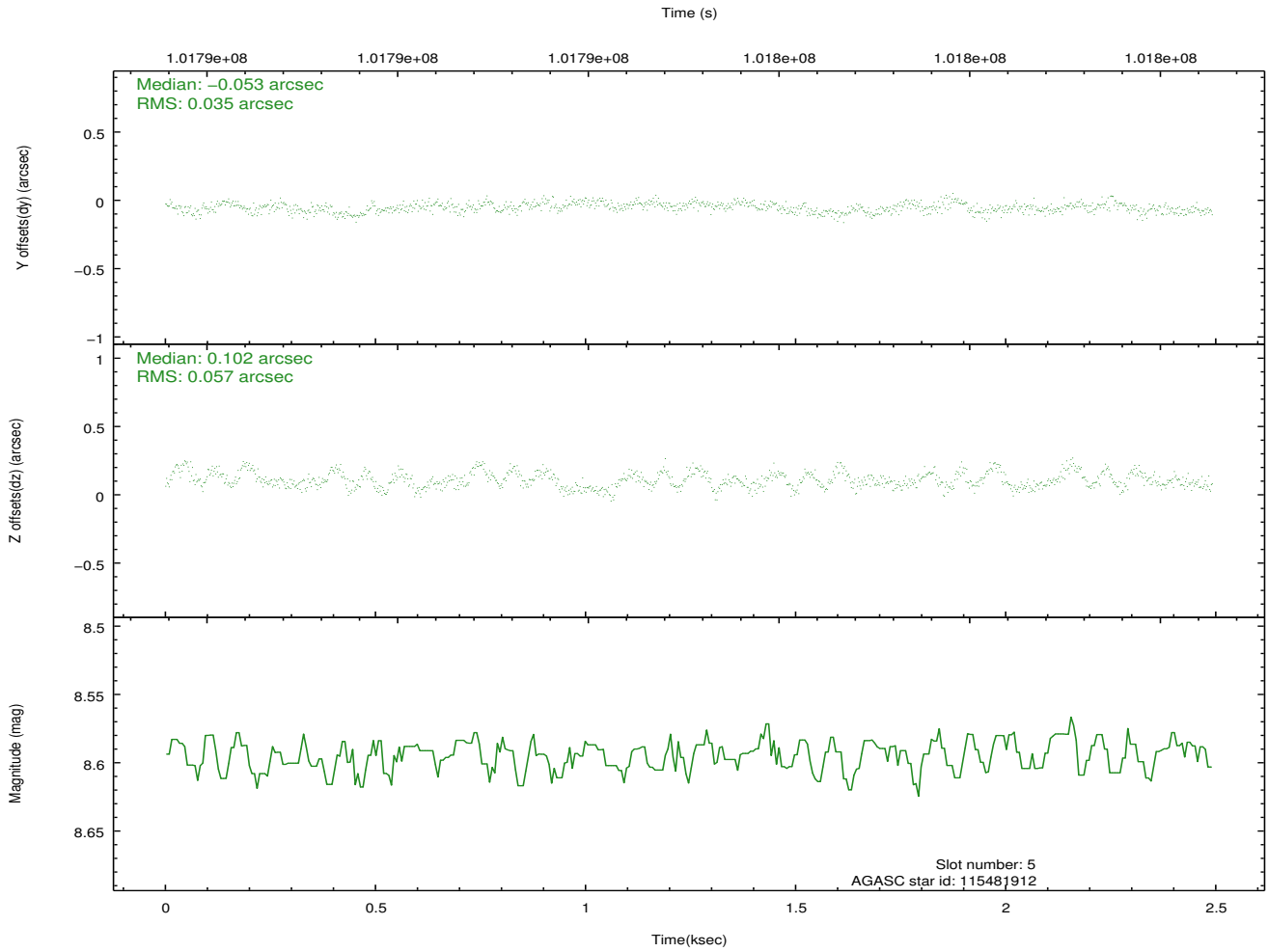
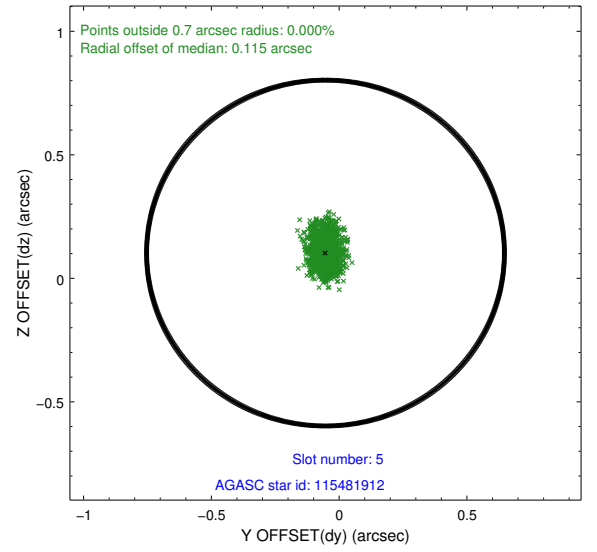
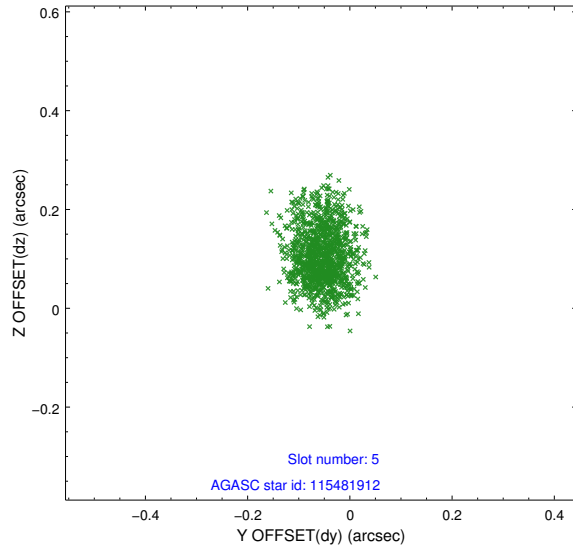
2.4.1 Slot 3



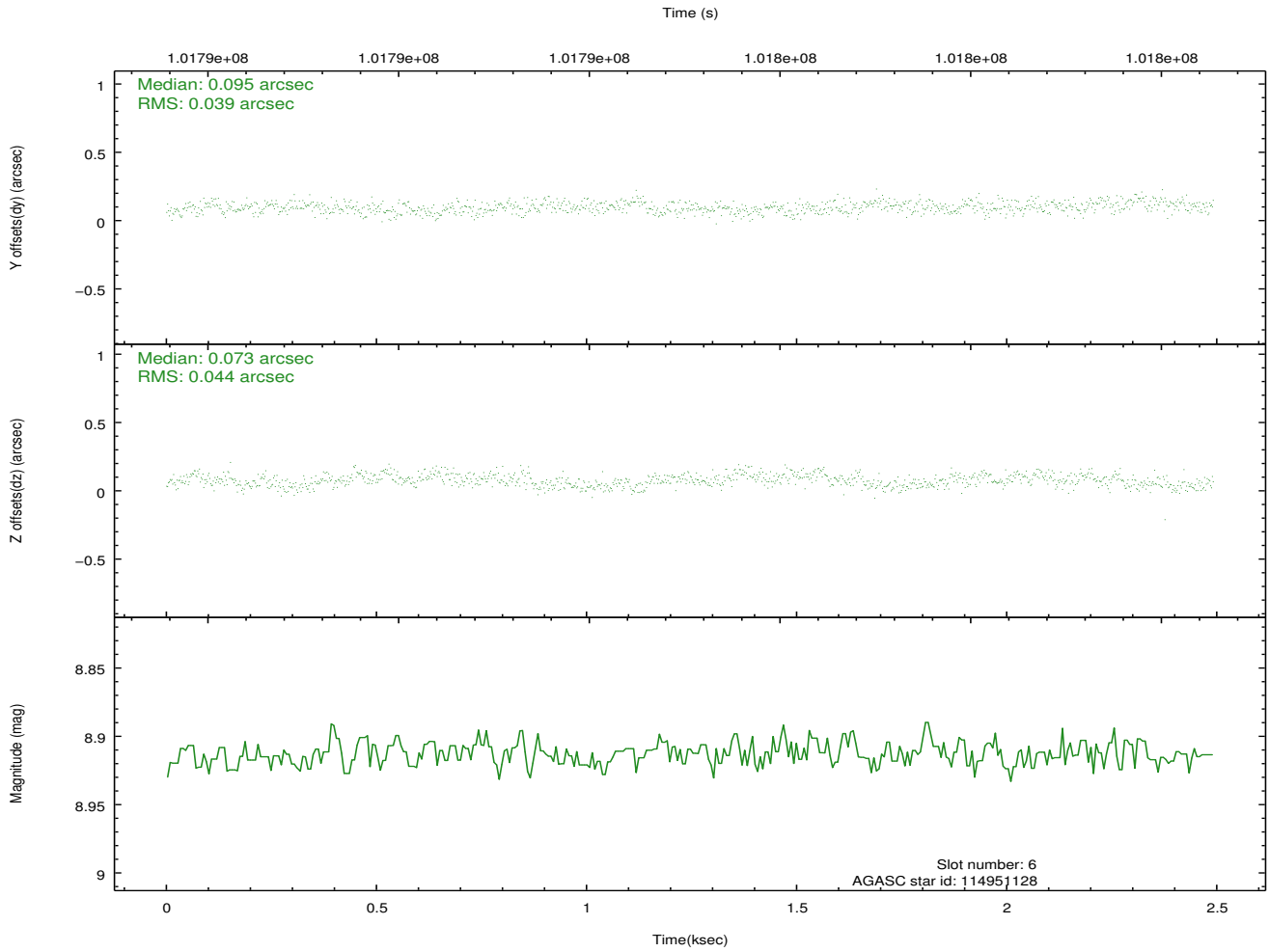
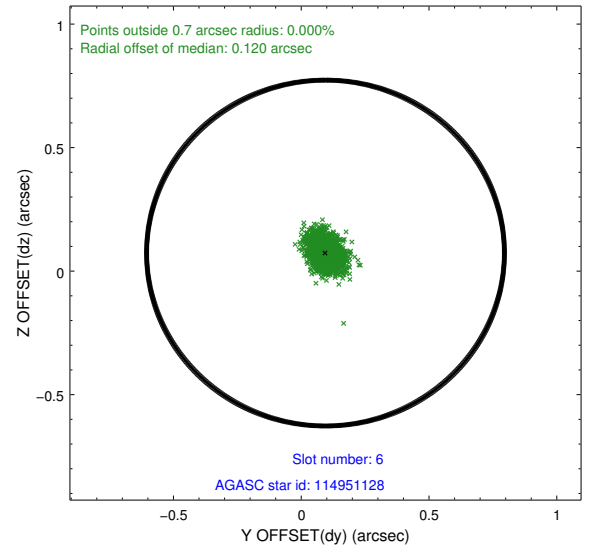
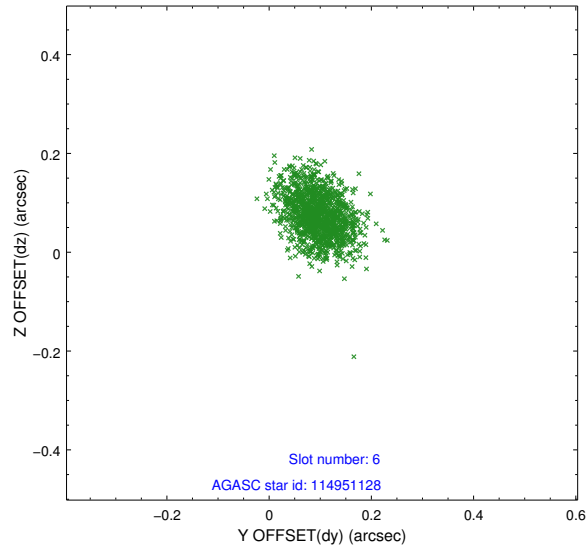
2.4.2 Slot 4



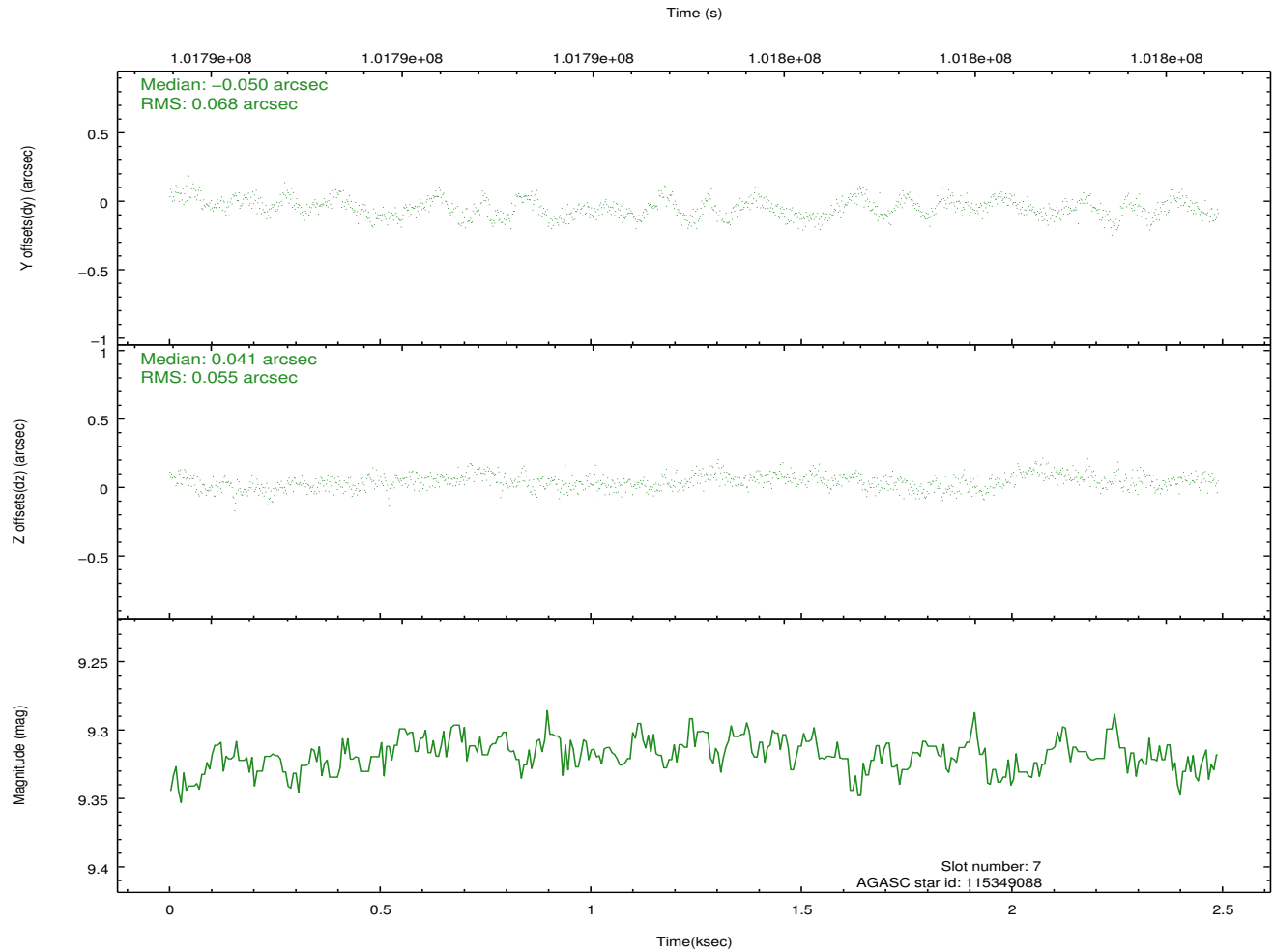
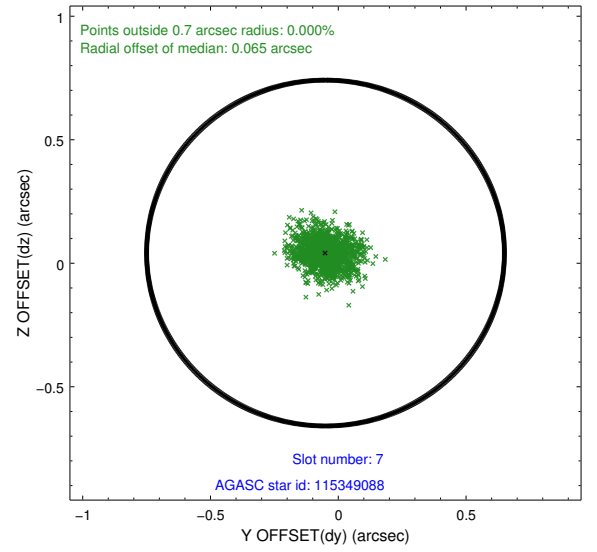
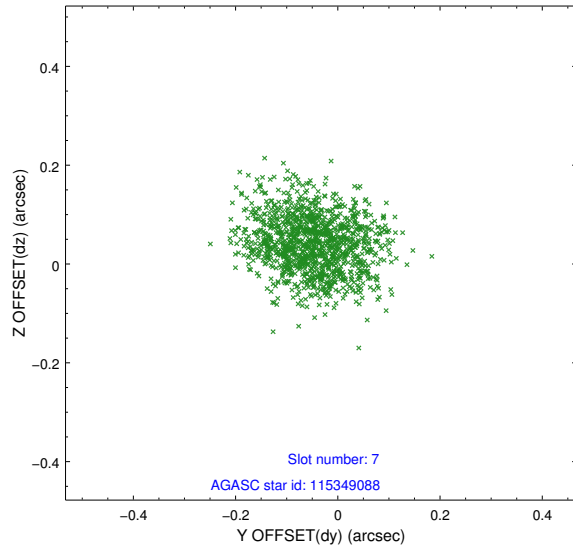
2.4.3 Slot 5



2.4.4 Slot 6

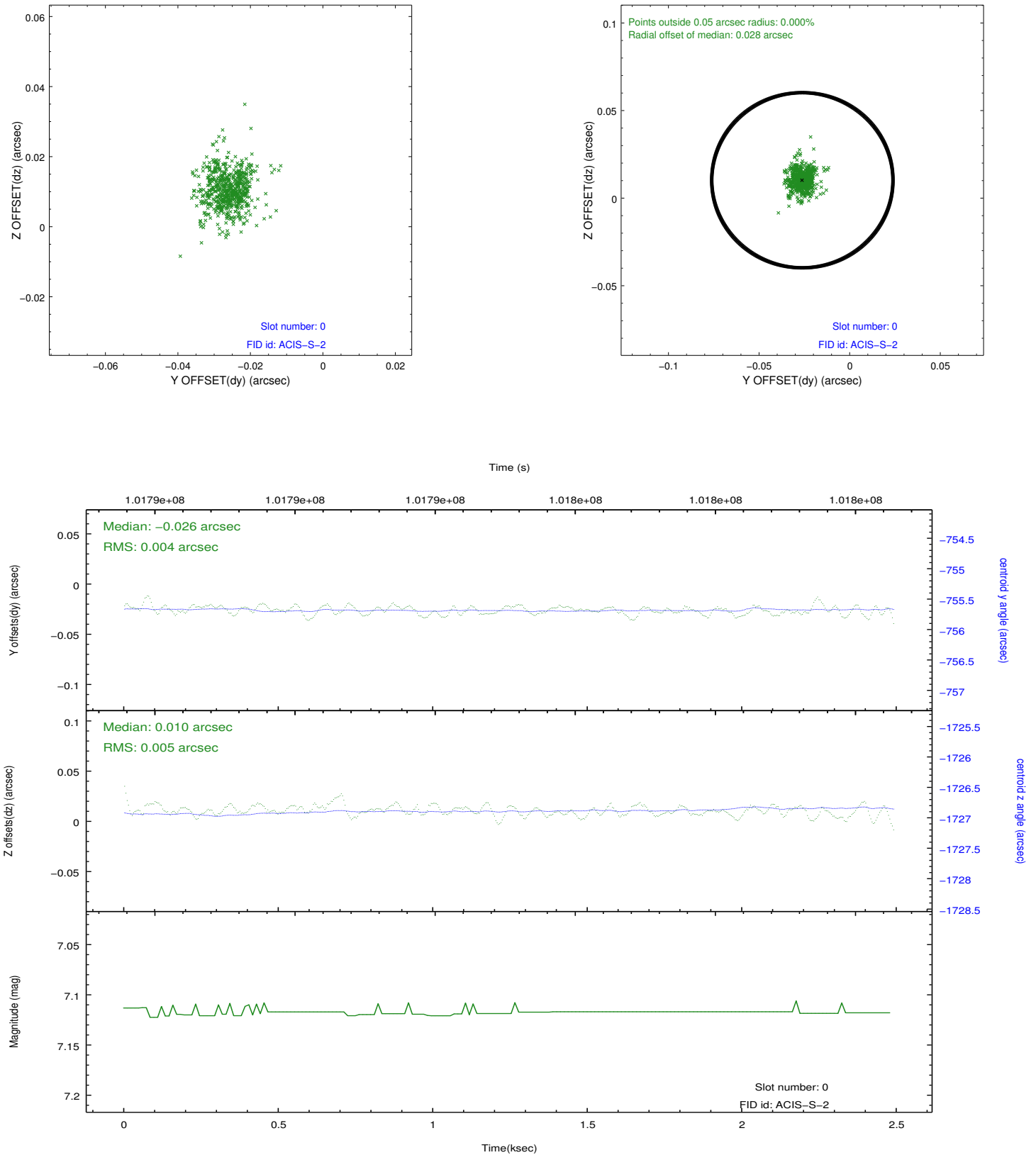


2.4.5 Slot 7

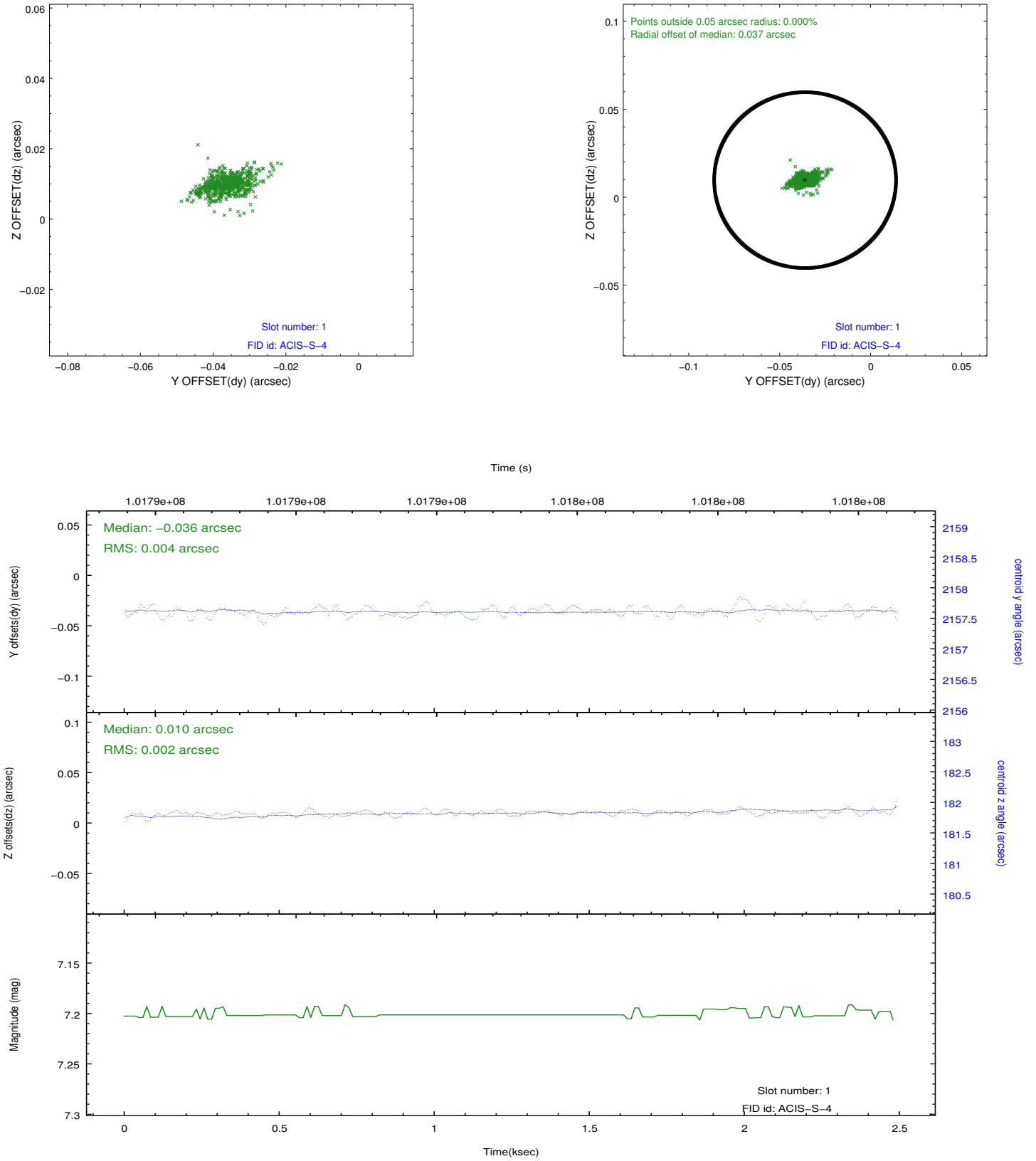


2.5 FID Slots

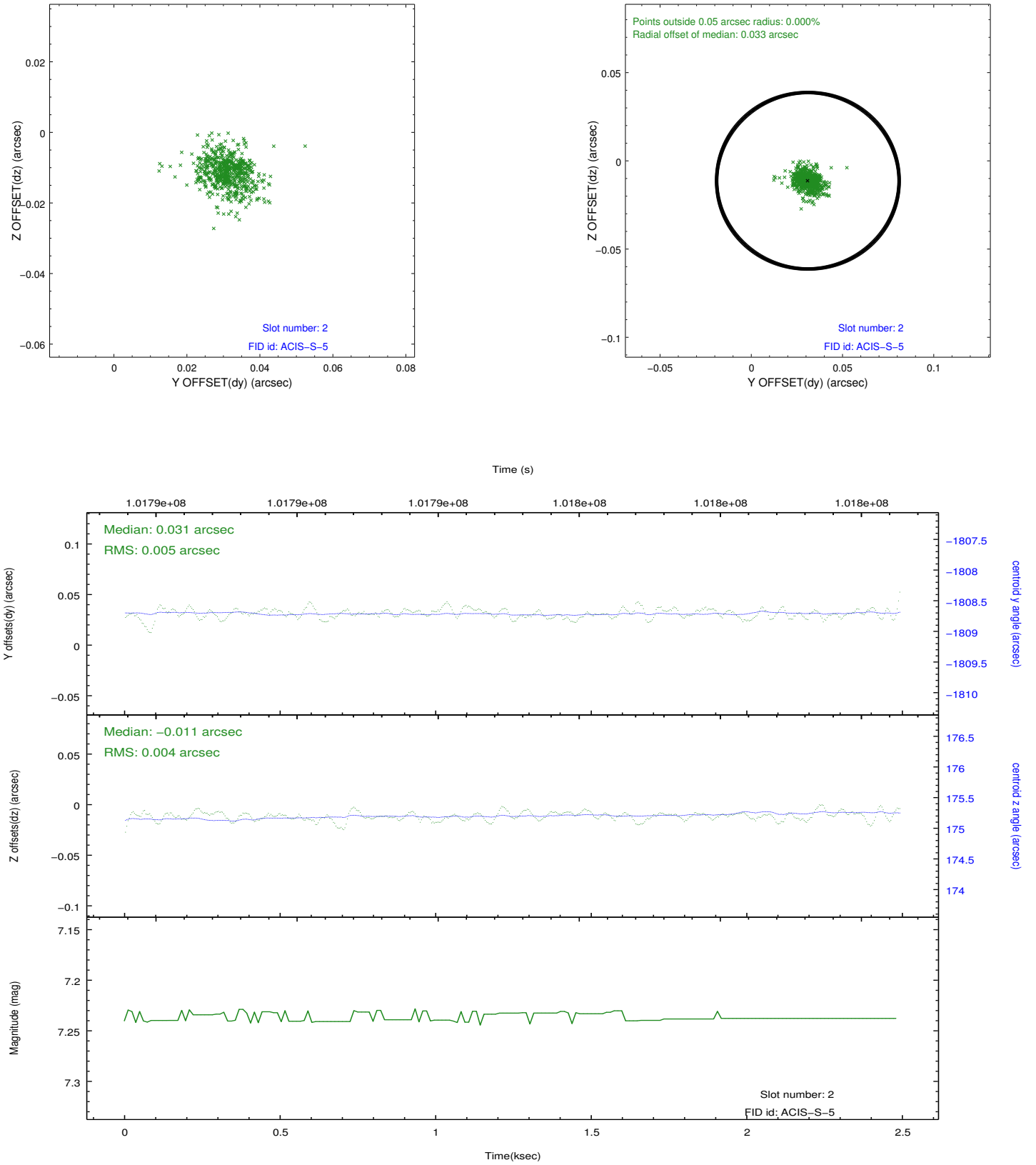
2.5.1 Slot 0



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)	2012.09.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1

A.2 Comments

Charge time for this ObsId remains at previous value of 2.1 ks although with the current processing the charge time would have been 2.08 ksec.