

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2190 - L2 Version 3
Chandra X-Ray Center

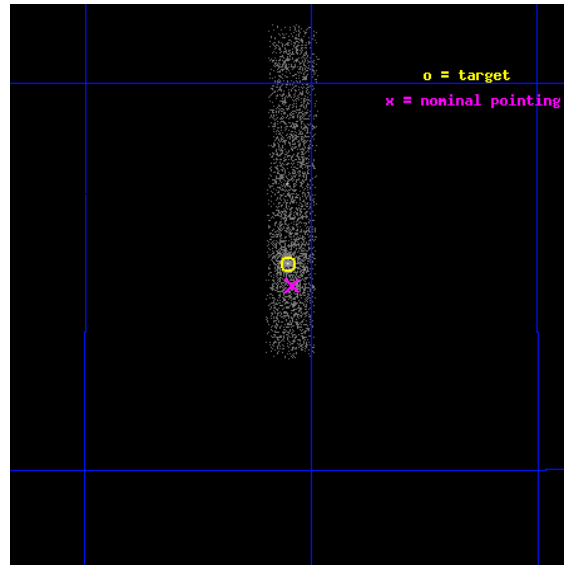
L2 Processing Date : Sep 23 2012

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1 Front

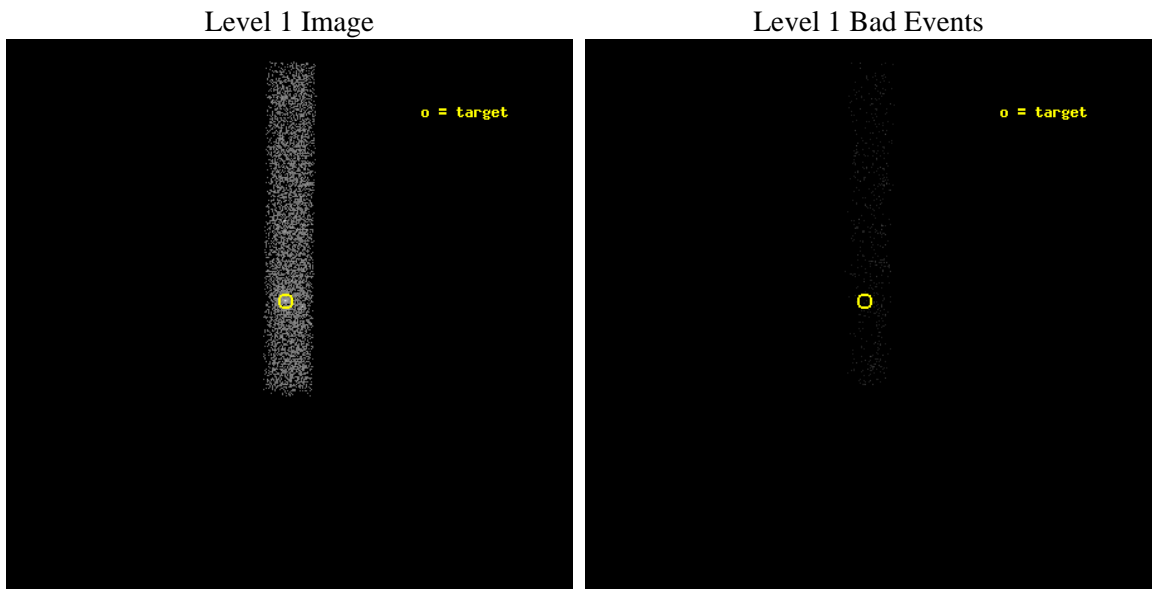
seq_num	700380	Sequence number
obs_id	2190	Observation id
title	HUNTING THE AGN CORES AND JETS IN FRI RADIO GALAXIES	Proposal titl
observer	Prof Diana Worrall	Principal investigator
object	B2 1621+38	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	245.762917	Observer's specified target RA [deg]
dec_targ	37.922278	Observer's specified target Dec [deg]
ra_nom	245.76078706191	Nominal RA [deg]
dec_nom	37.912708612966	Nominal Dec [deg]
roll_nom	270.64587788507	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5846.8000871241	Sum of GTIs [s]
livetime	5302.7390596083	Livetime [s]
ontime7	5846.8000871241	Sum of GTIs [s]
l2events	4159	Number of level 2 events



2 OBI

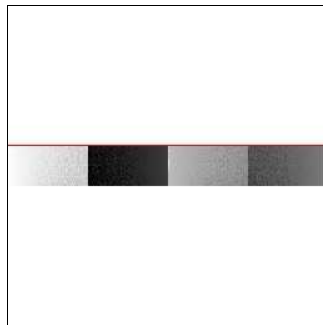
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5846.8000871241	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime7	5846.8000871241	Sum of GTIs [s]
date	2012-09-23T14:53:20	Date and time of file creation	l1events	7678	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

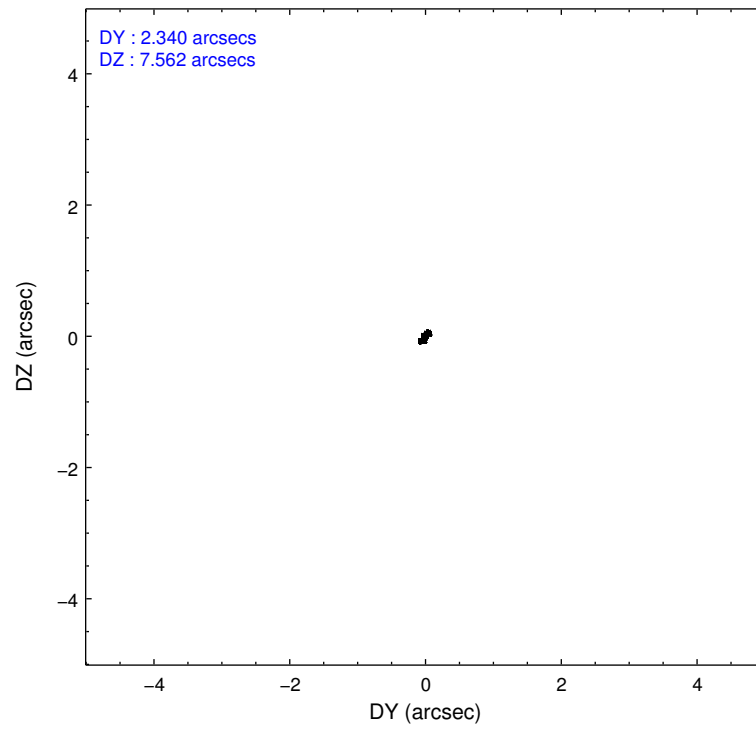
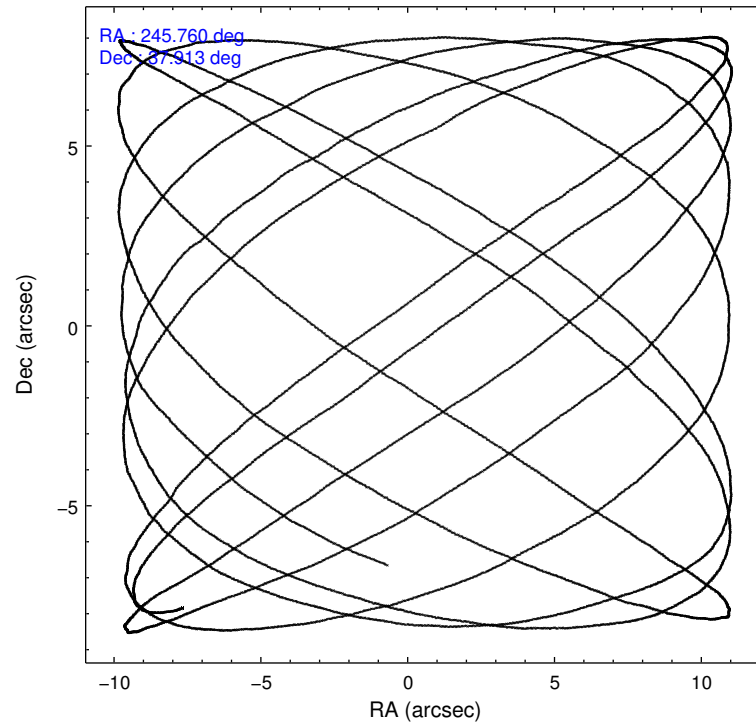
	ccd 7
level 1 events	7678
rejected events	3380
rejected %	44%

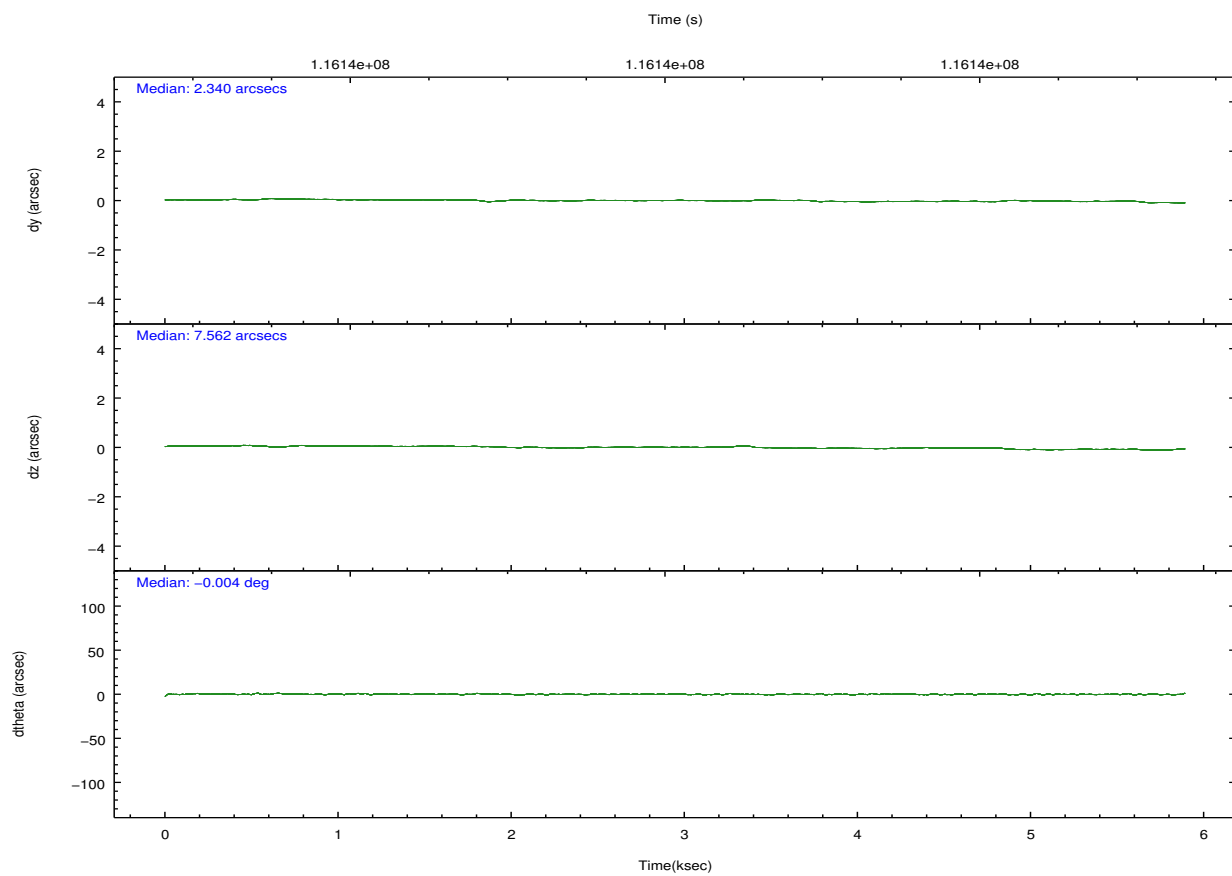
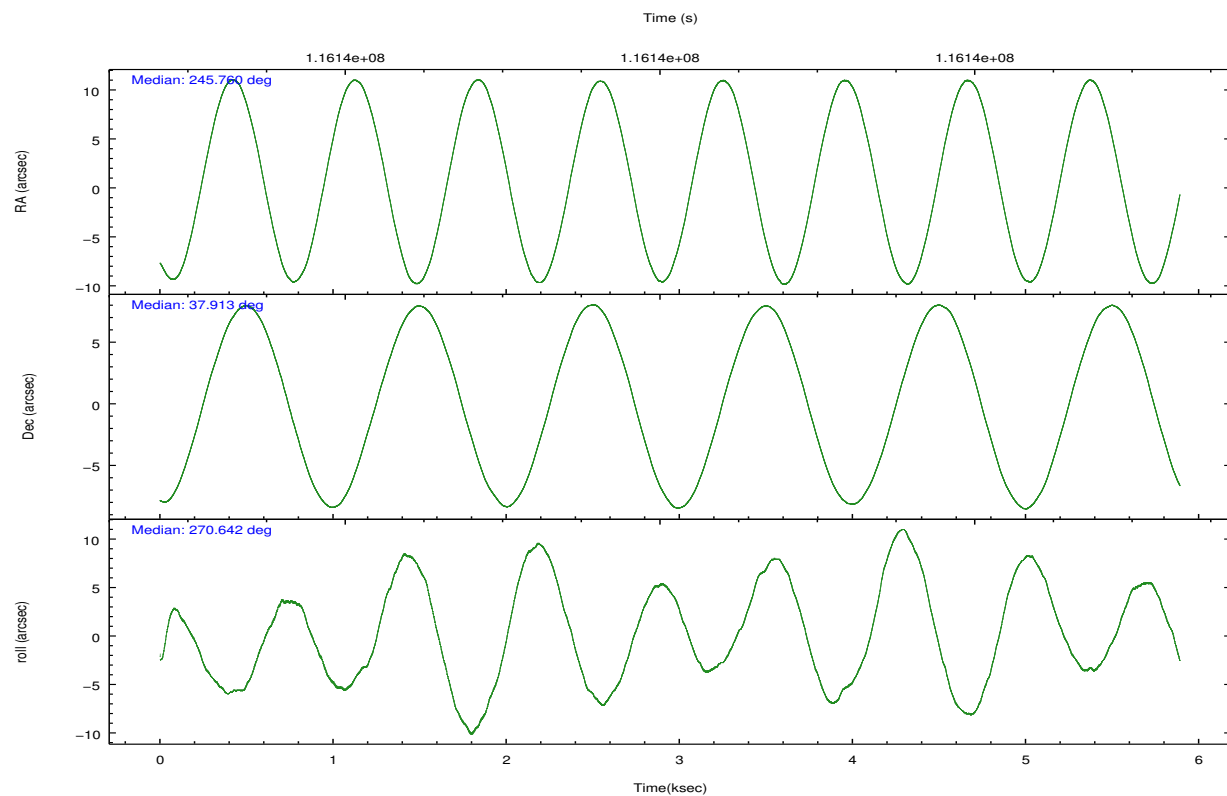
	ccd 7
grade 0 events	755
	9%
grade 1 events	4
	0%
grade 2 events	917
	11%
grade 3 events	562
	7%
grade 4 events	485
	6%
grade 5 events	609
	7%
grade 6 events	1579
	20%
grade 7 events	2767
	36%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	245.742910	245.7607870619061	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	37.935972	37.91270861296589	Subarray start row	449	449
[deg] Pointing Roll	270.500239	270.6458778850738	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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	116136012.184000	116134700.17224			
Observation start date	2001-09-06T03:59:08	2001-09-06T03:38:20			
[s] Observation end time (MET)	116141012.184000	116141679.39751			
Observation end date	2001-09-06T05:22:28	2001-09-06T05:34:39			
Read mode	TIMED	TIMED			

2.3 Aspect



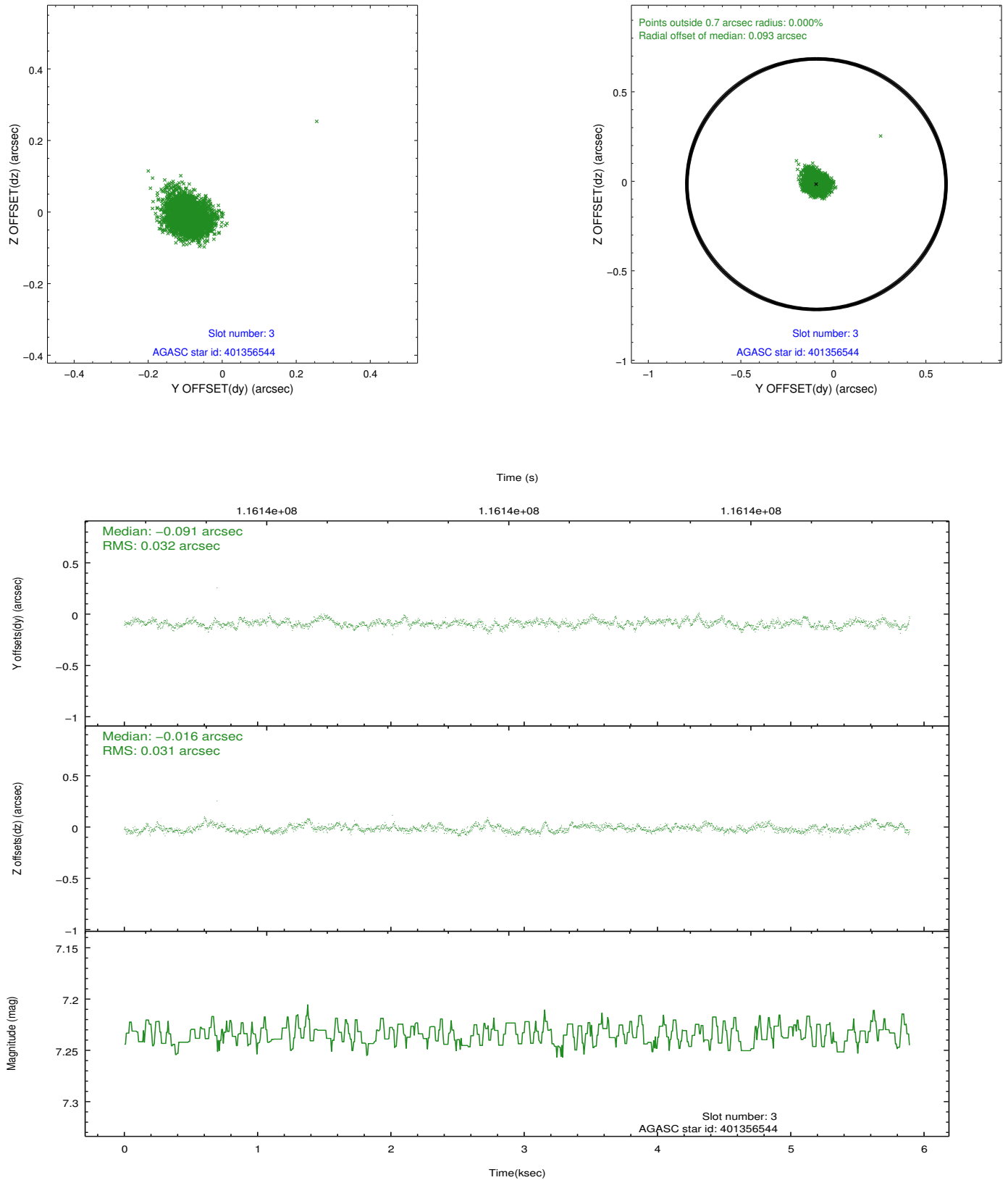


Slot Statistics

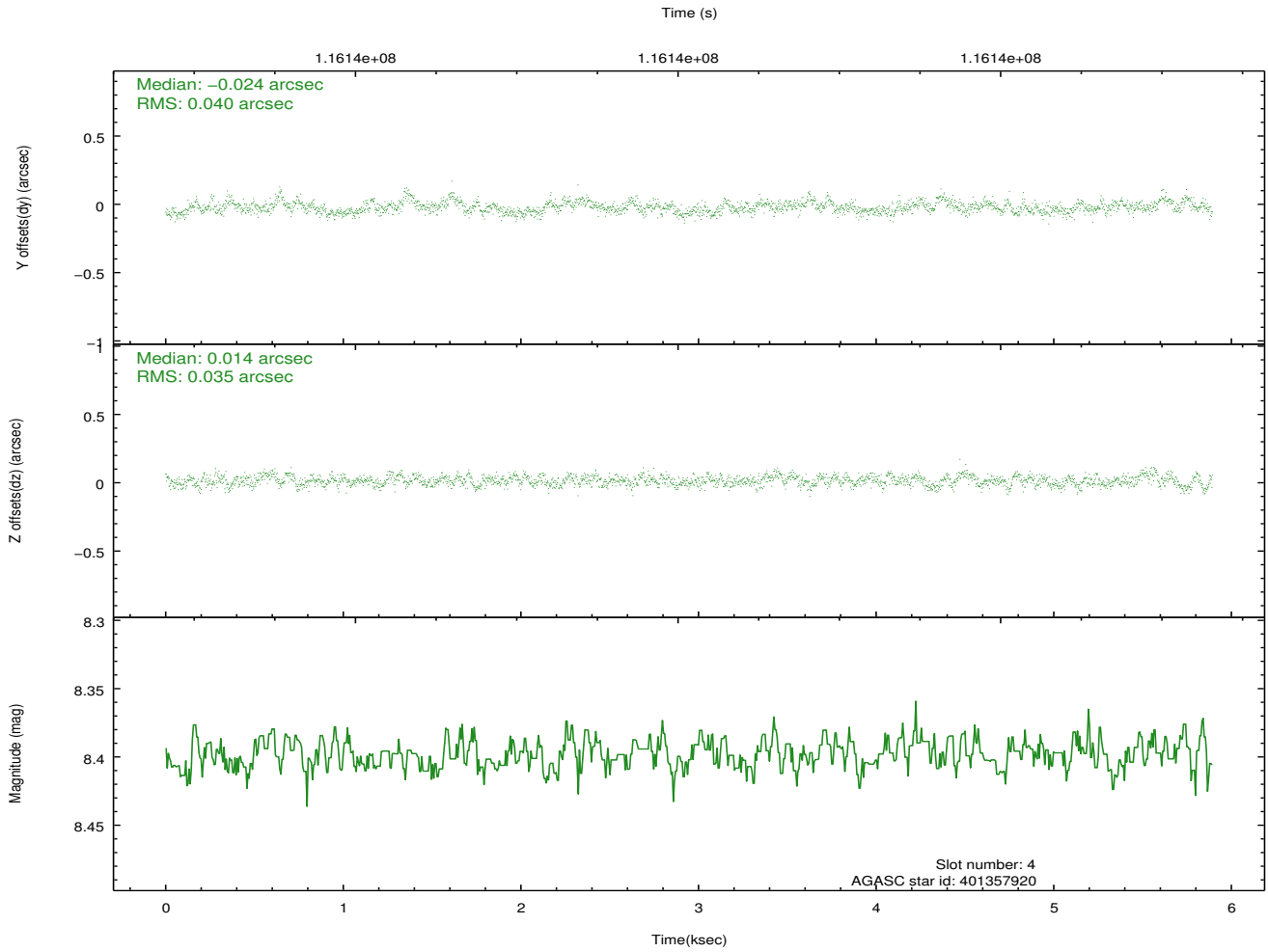
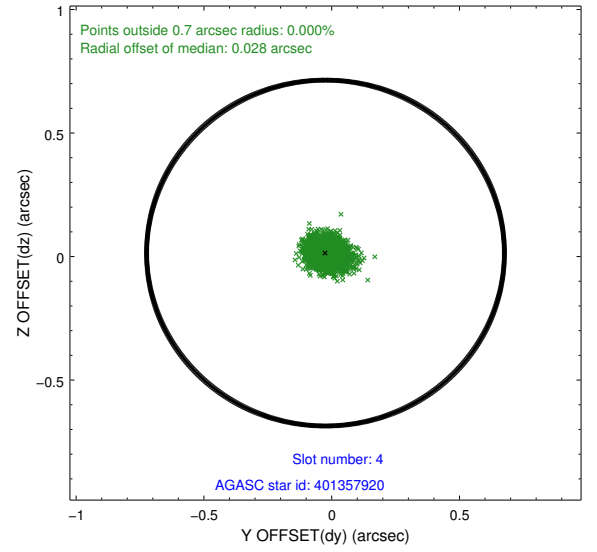
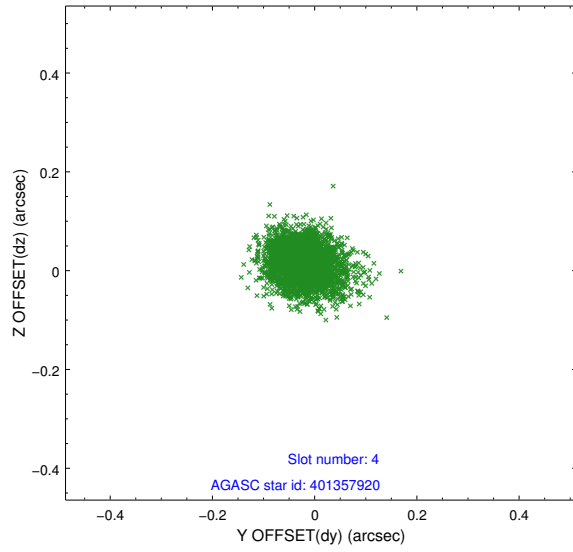
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1437	-0.010	-0.008	0.007	0.012	0.000000	0.000000	-754.97	-1728.69
1	FID	ACIS-S-4	7.19	1436	-0.052	0.007	0.005	0.010	0.000000	0.000000	2157.81	178.76
2	FID	ACIS-S-5	7.24	1436	0.031	0.010	0.007	0.012	0.000000	0.000000	-1806.47	173.59
3	GUIDE	401356544	7.23	2874	-0.091	-0.016	0.047	0.075	246.068366	38.478292	-1945.43	935.29
4	GUIDE	401357920	8.40	2874	-0.024	0.014	0.056	0.091	245.268524	37.658915	982.18	-1359.04
5	GUIDE	401357328	8.98	2873	0.026	0.132	0.072	0.124	246.205033	38.152914	-771.89	1315.82
6	GUIDE	401354800	9.49	2874	-0.032	0.001	0.113	0.182	246.509373	38.353235	-1492.01	2178.50
7	GUIDE	338962904	9.56	2873	0.122	-0.135	0.126	0.208	245.058454	37.300350	2264.34	-1978.05

2.4 Star Slots

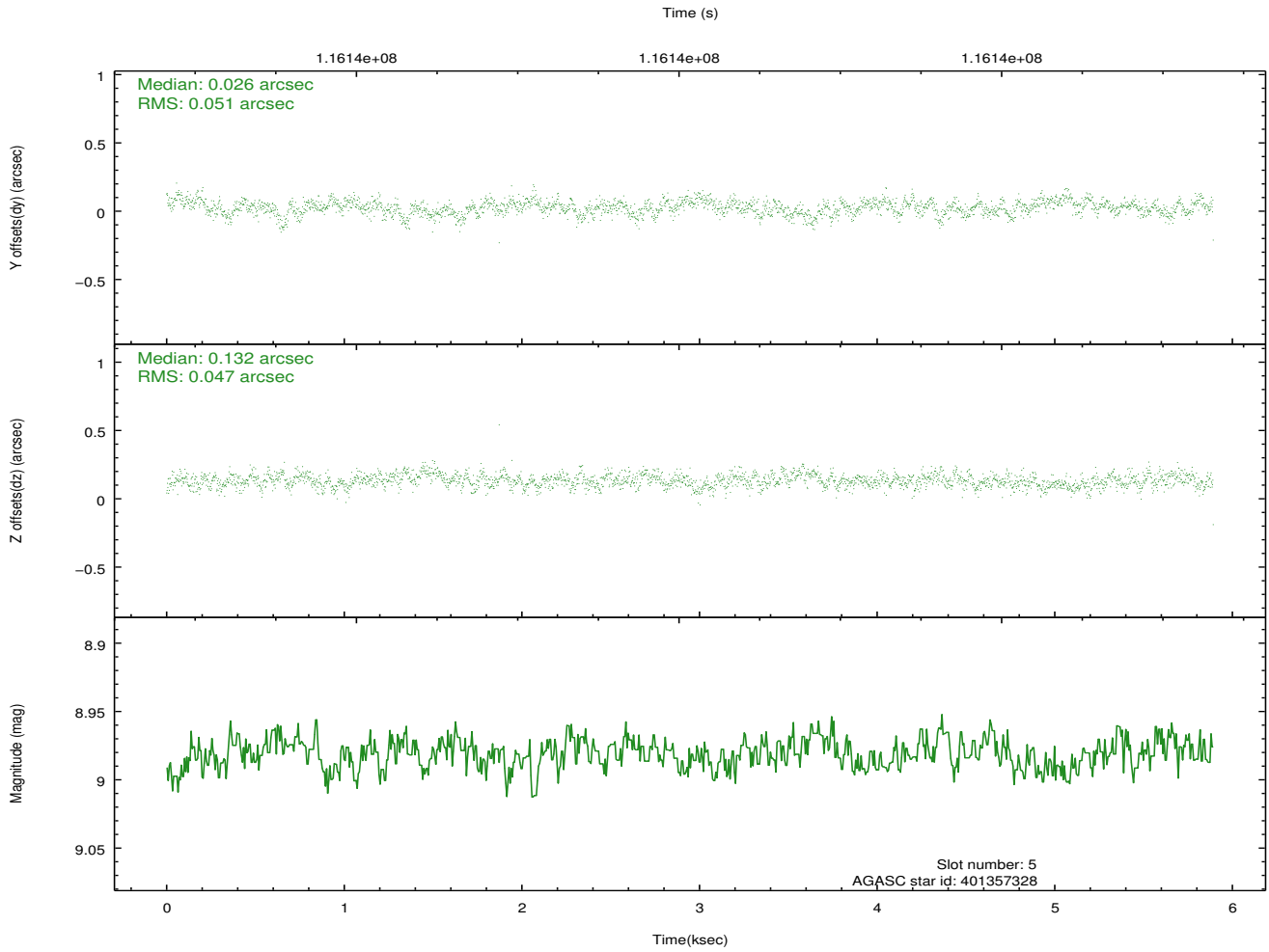
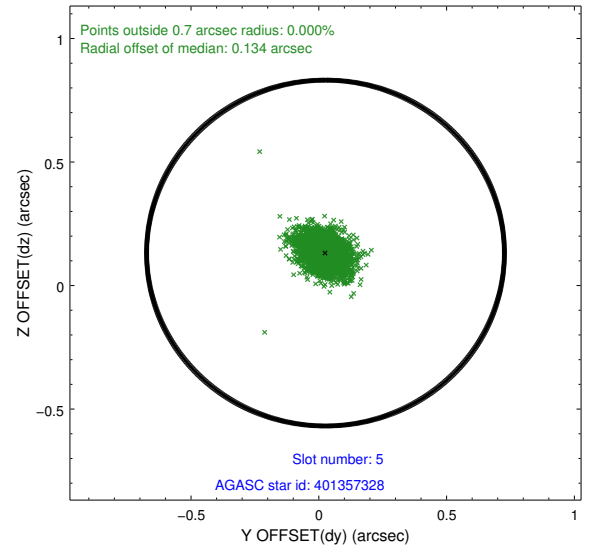
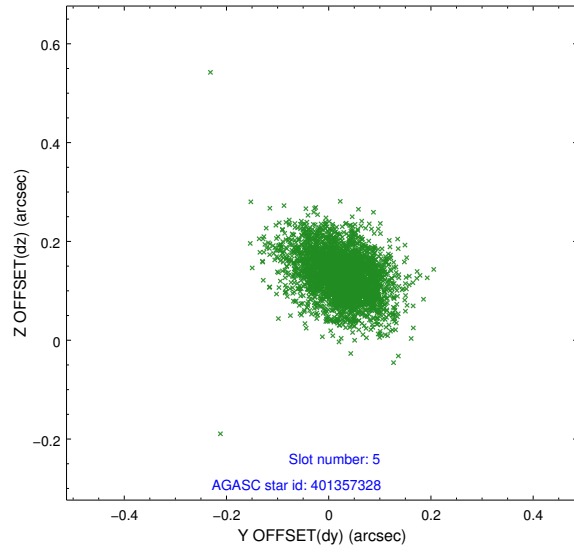
2.4.1 Slot 3



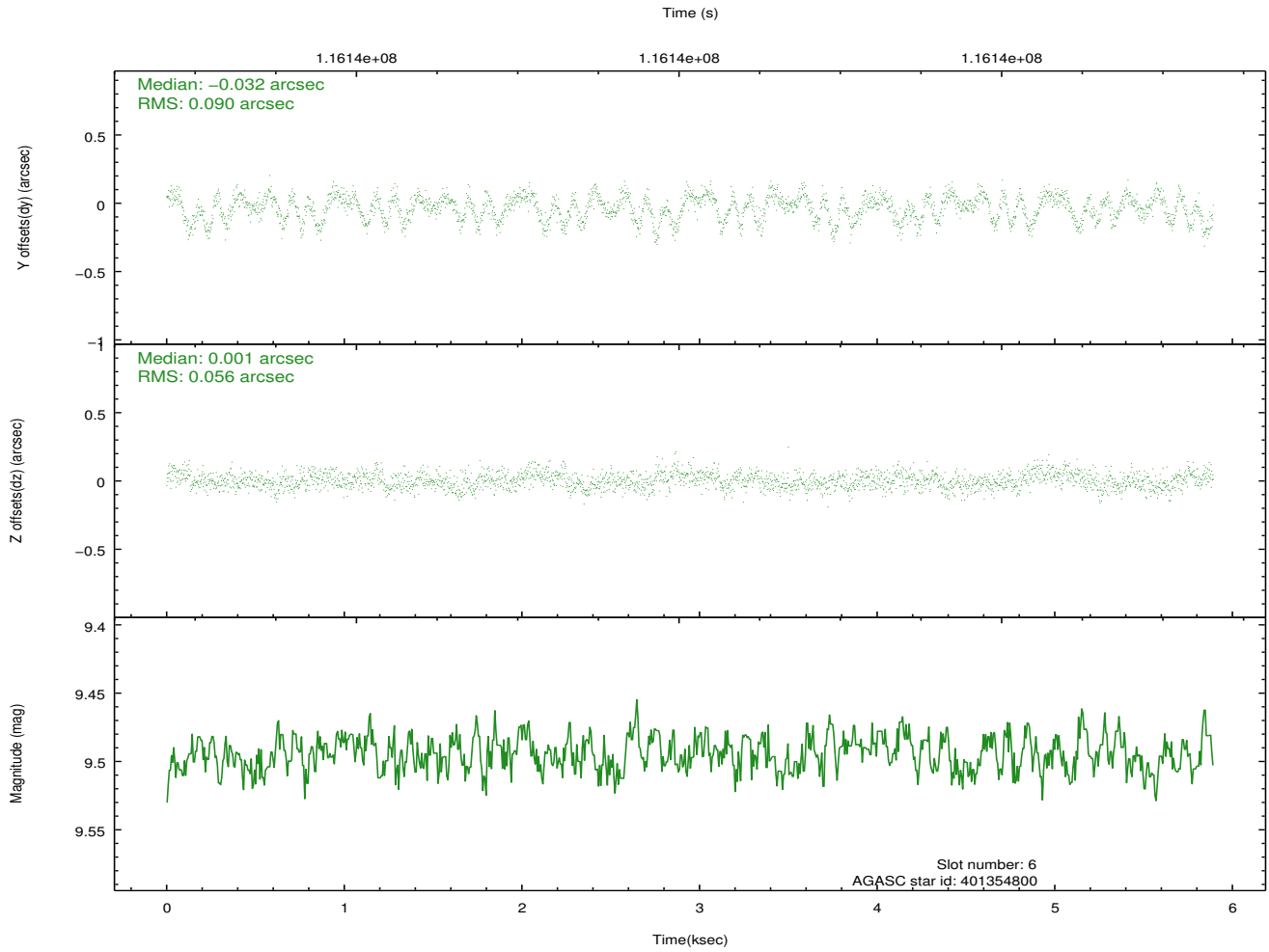
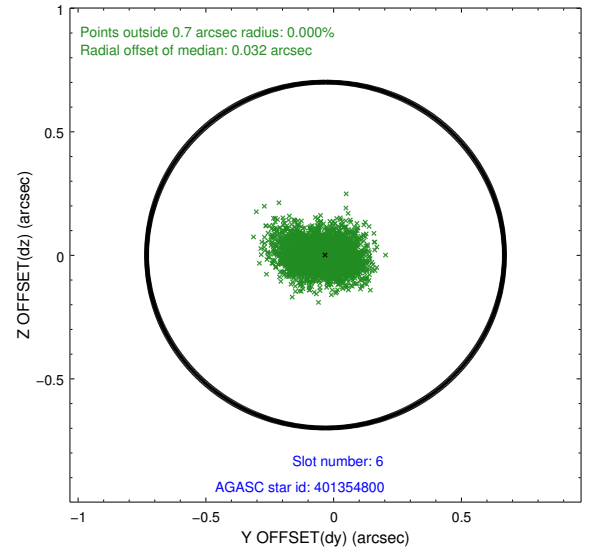
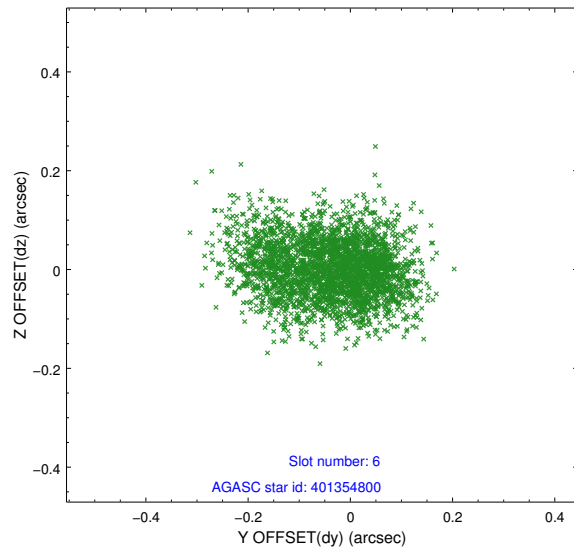
2.4.2 Slot 4



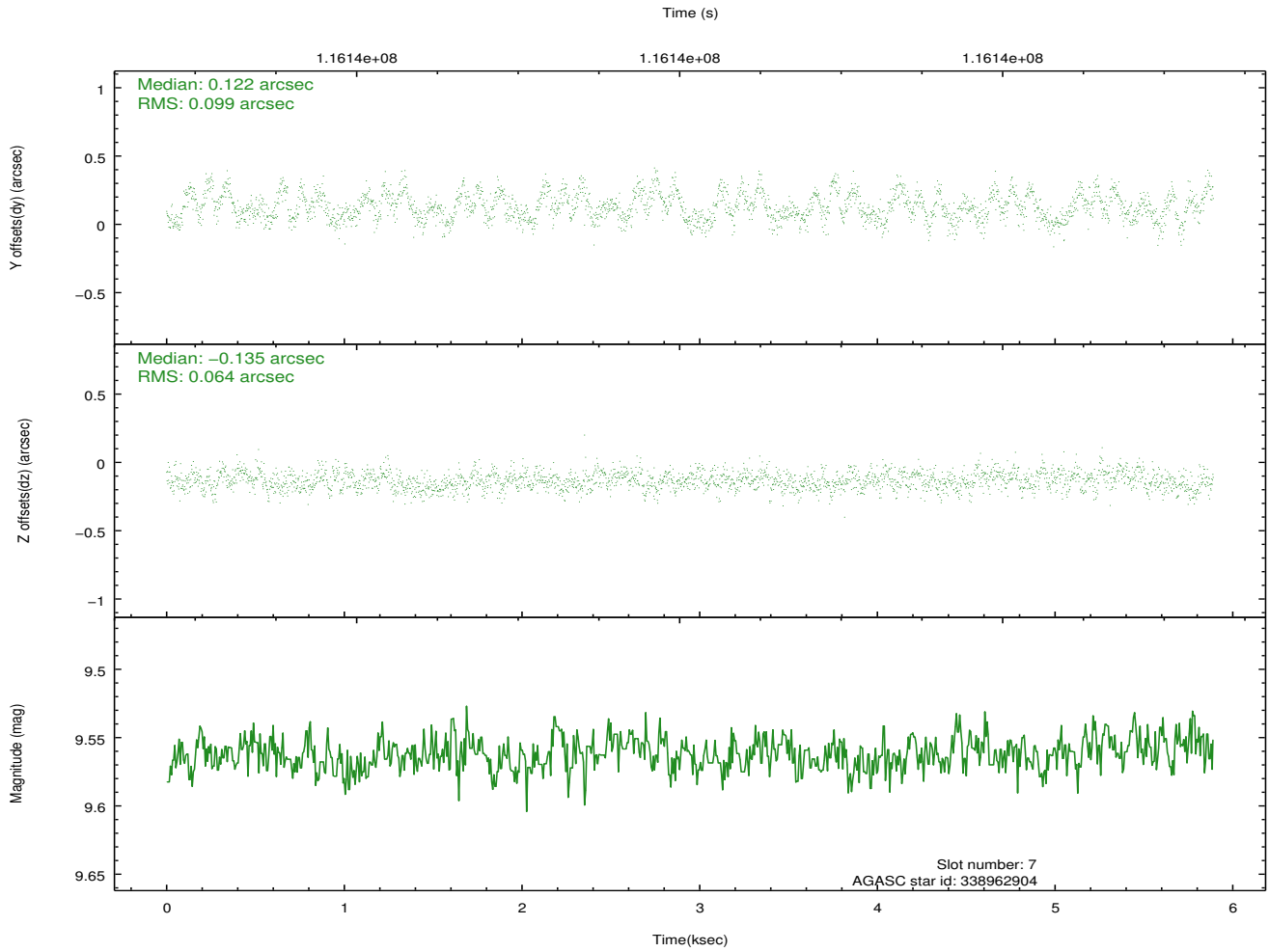
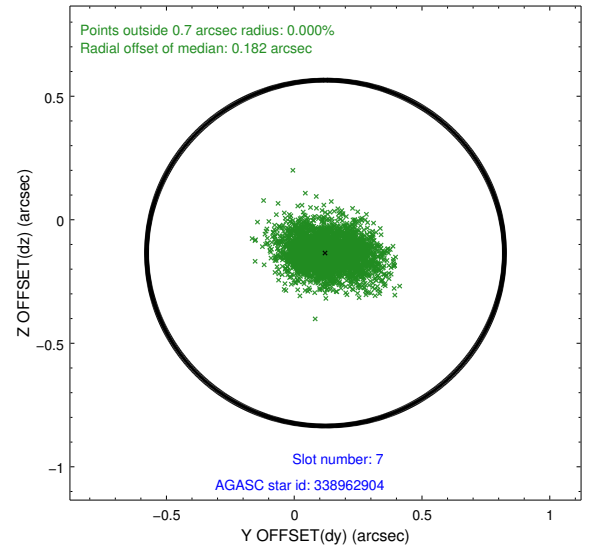
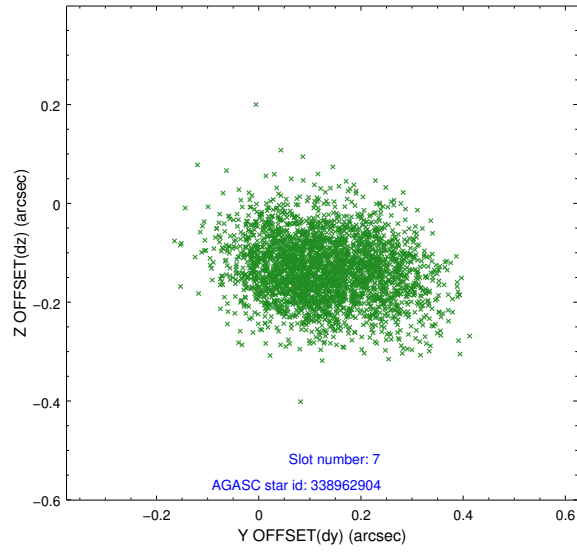
2.4.3 Slot 5



2.4.4 Slot 6

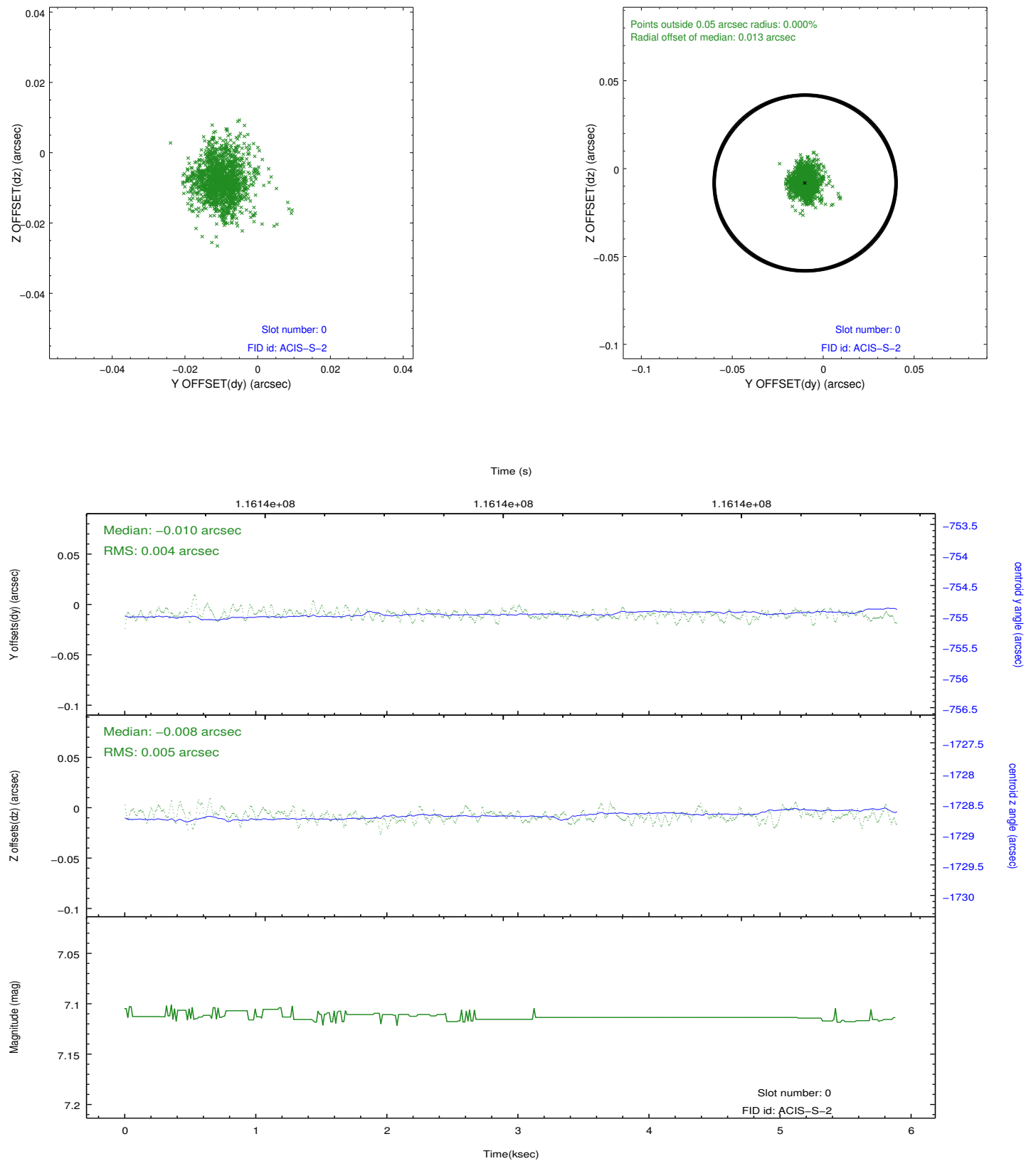


2.4.5 Slot 7

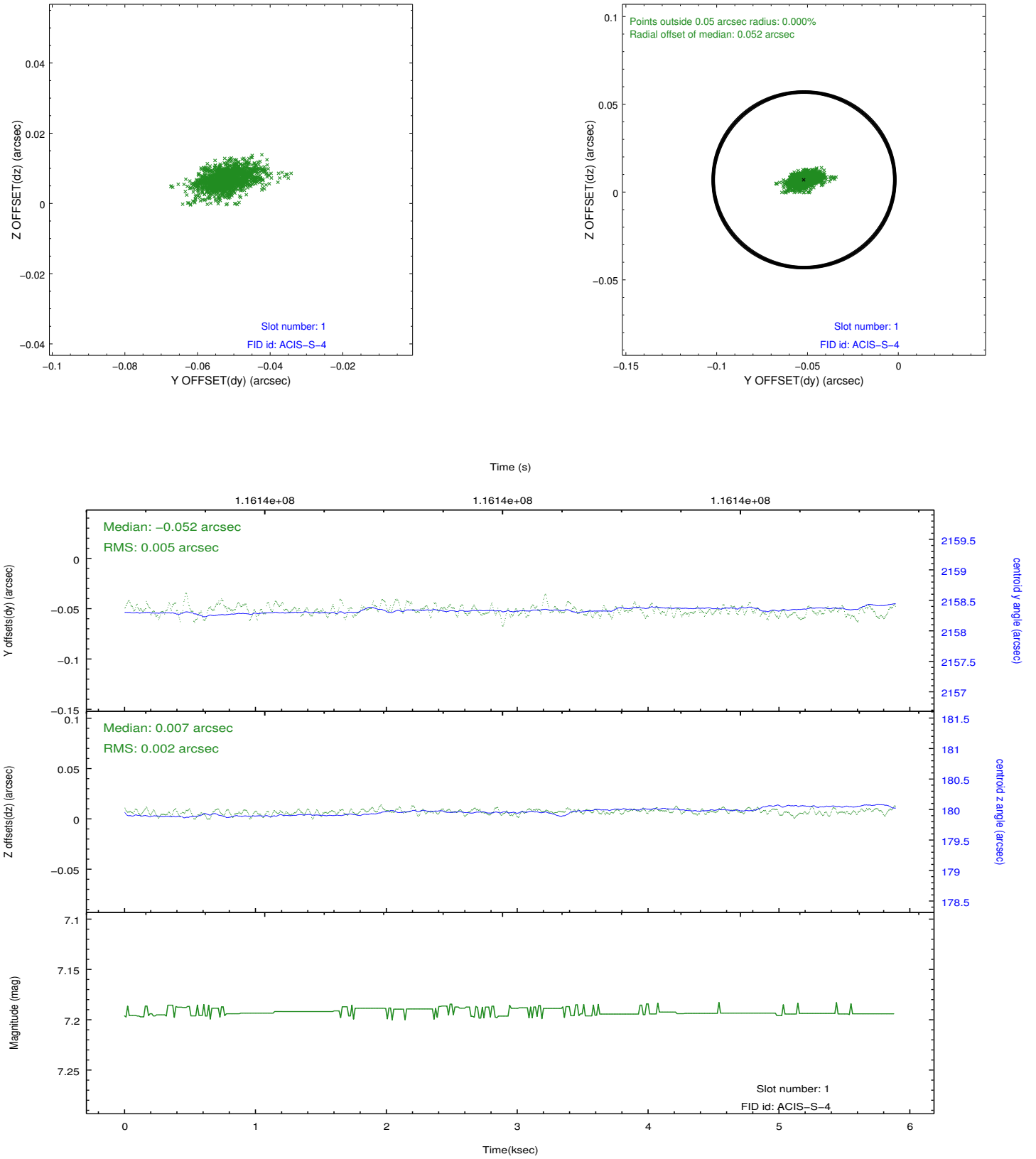


2.5 FID Slots

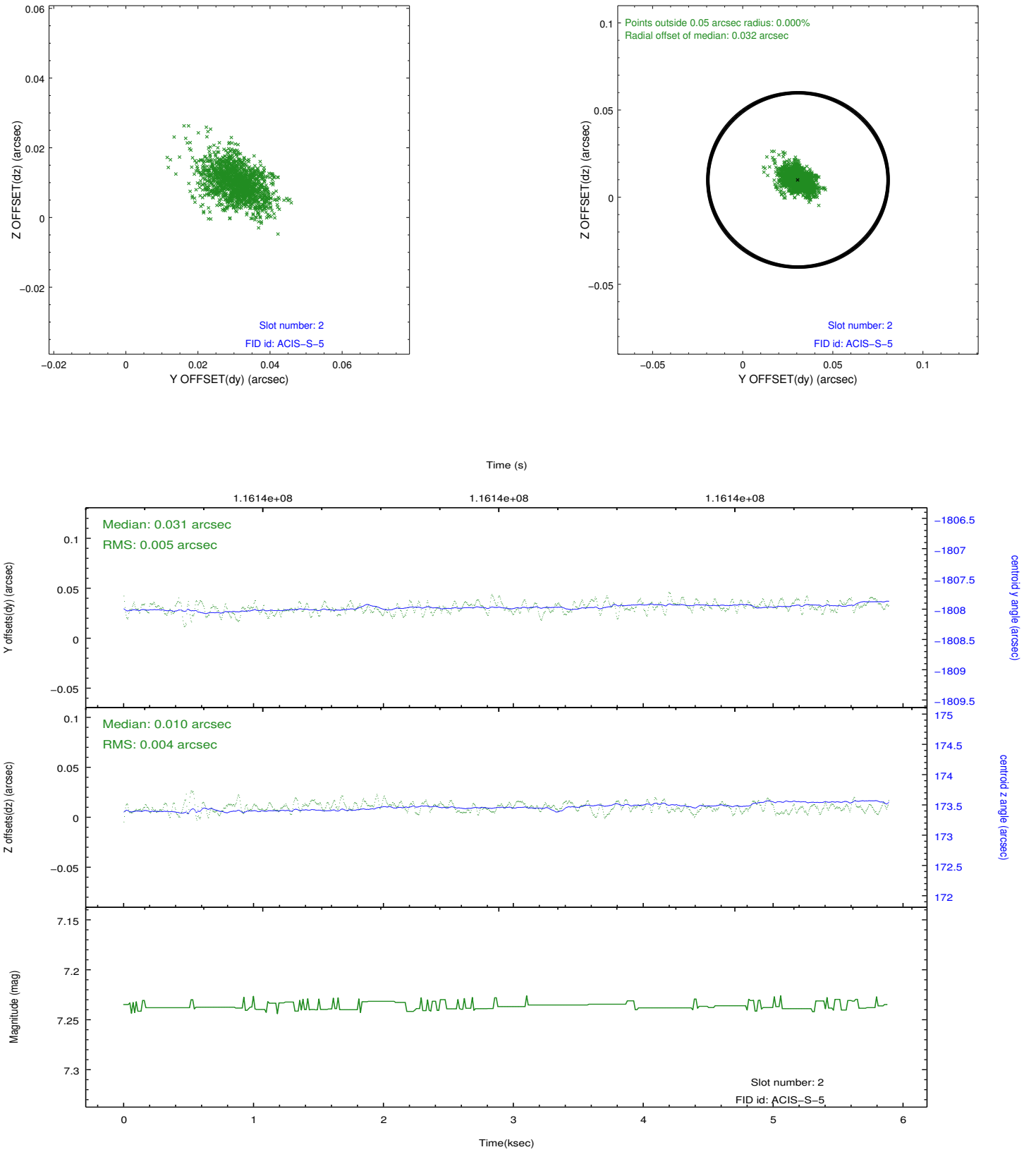
2.5.1 Slot 0



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)	2012.09.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.847

A.2 Comments