

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 442 - L2 Version 4
Chandra X-Ray Center

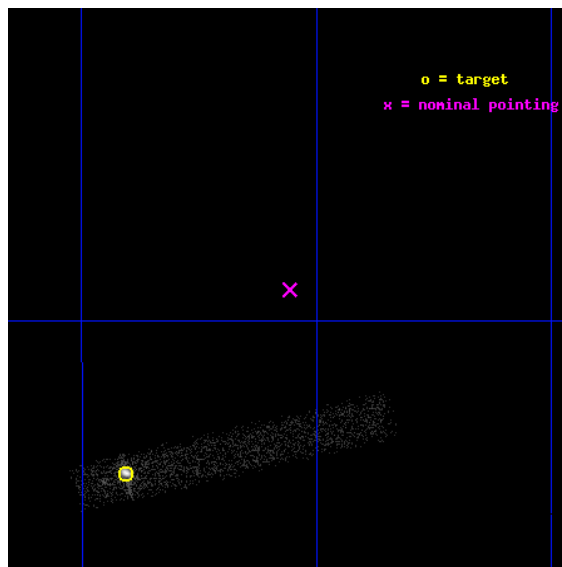
L2 Processing Date : Aug 25 2012

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1 Front

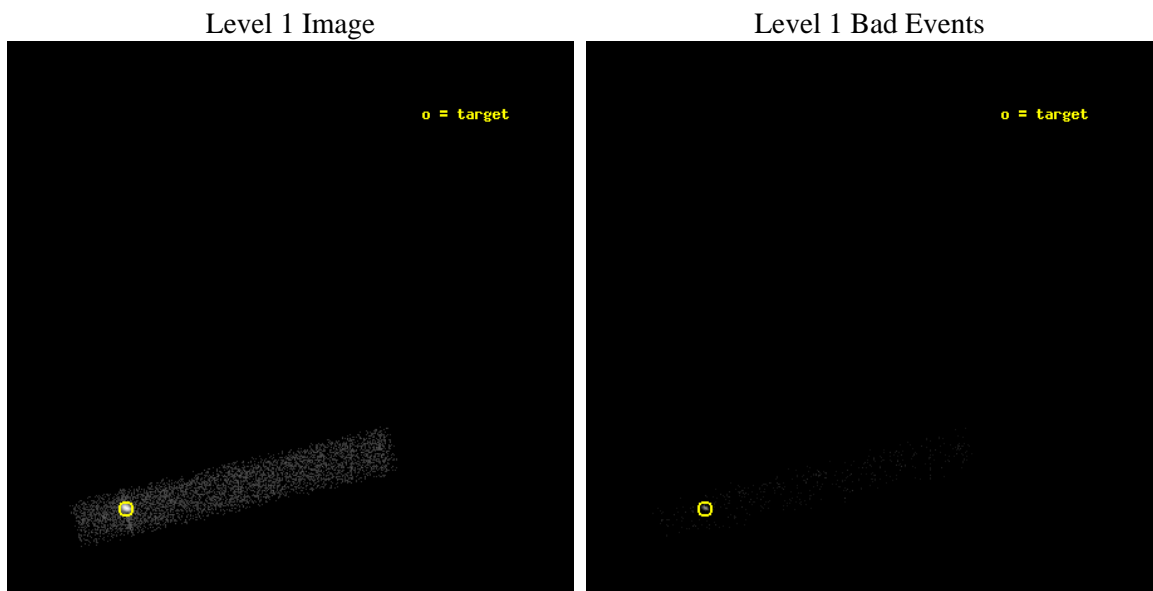
seq_num	700202	Sequence number
obs_id	442	Observation id
title	STUDIES OF RADIO JETS AND THE NARROW LINE REGIONS	Proposal title
observer	Professor Andrew Wilson	Principal investigator
object	NGC 526A	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	20.97633	Observer's specified target RA [deg]
dec_targ	-35.06561	Observer's specified target Dec [deg]
ra_nom	20.889208201585	Nominal RA [deg]
dec_nom	-34.986735662739	Nominal Dec [deg]
roll_nom	166.69675931862	Nominal Roll [deg]
revision	4	Processing version of data
ontime	4976.4000741541	Sum of GTIs [s]
liveltime	4513.3321913243	Livetime [s]
ontime7	4976.4000741541	Sum of GTIs [s]
l2events	15120	Number of level 2 events



2 OBI

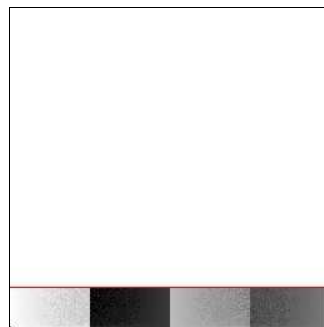
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4976.4000741541	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime7	4976.4000741541	Sum of GTIs [s]
date	2012-08-25T20:34:14	Date and time of file creation	l1events	19017	Number of level 1 events
revision	4	Processing version of data			

2.1.4 Events

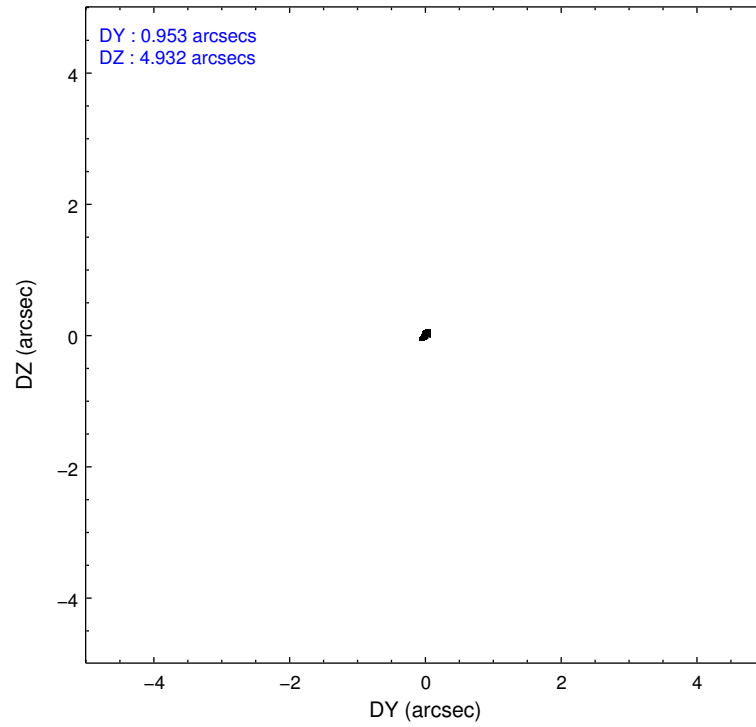
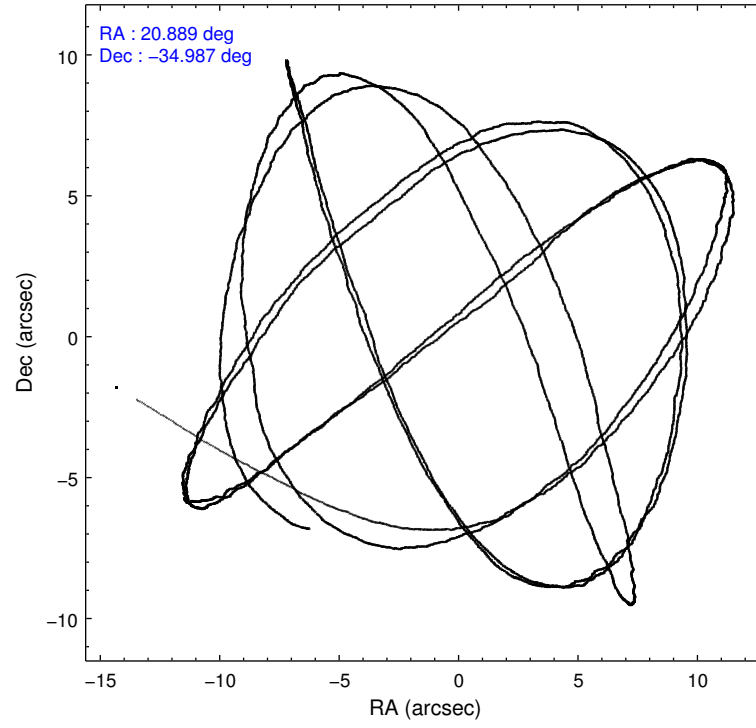
	ccd 7
level 1 events	19017
rejected events	3801
rejected %	19%

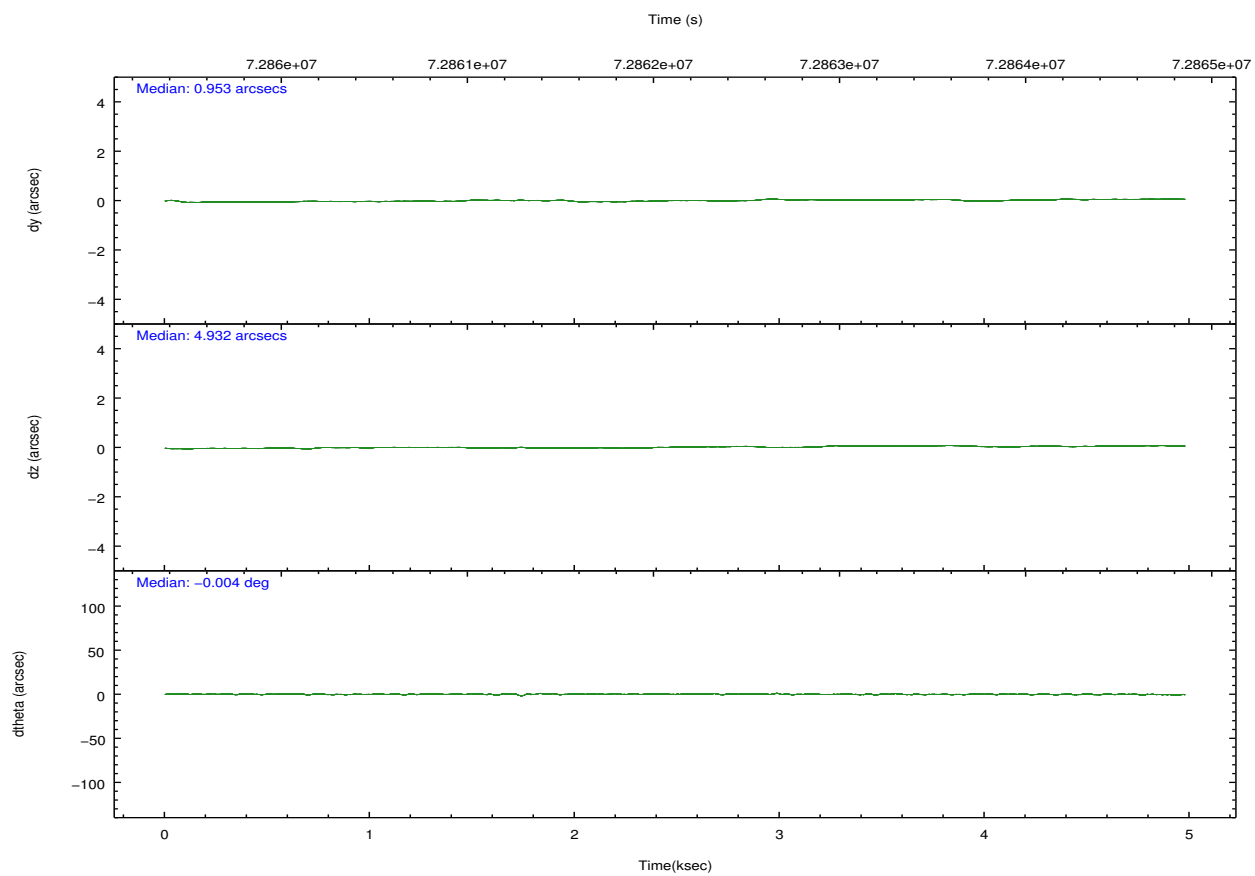
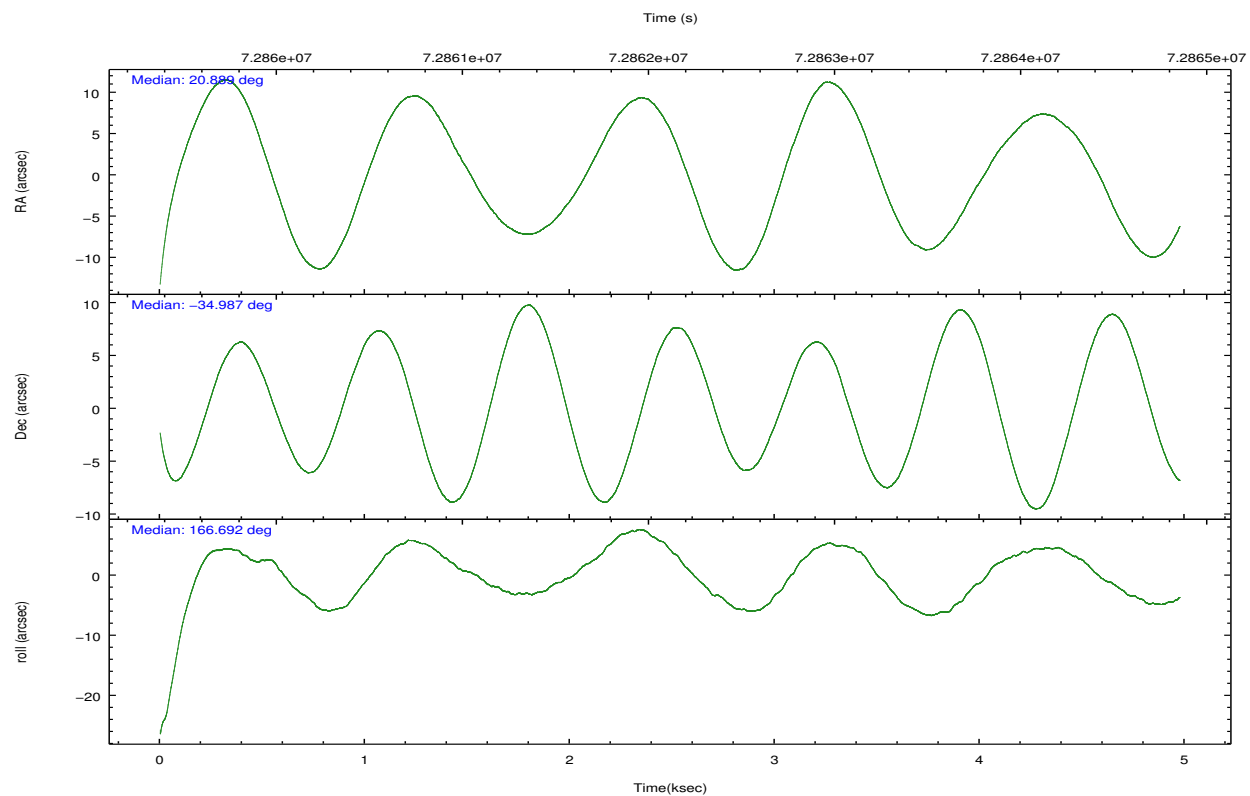
	ccd 7
grade 0 events	2857
	15%
grade 1 events	53
	0%
grade 2 events	3754
	19%
grade 3 events	1841
	9%
grade 4 events	1925
	10%
grade 5 events	700
	3%
grade 6 events	5248
	27%
grade 7 events	2639
	13%

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	20.921291	20.88920820158539	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-34.978765	-34.98673566273941	Subarray start row	1	1
[deg] Pointing Roll	166.558550	166.6967593186247	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)	72860106.184000	72859028.37135699			
Observation start date	2000-04-23T06:54:02	2000-04-23T06:37:08			
[s] Observation end time (MET)	72864606.184000	72865572.99659701			
Observation end date	2000-04-23T08:09:02	2000-04-23T08:26:12			
Read mode	TIMED	TIMED			

2.3 Aspect



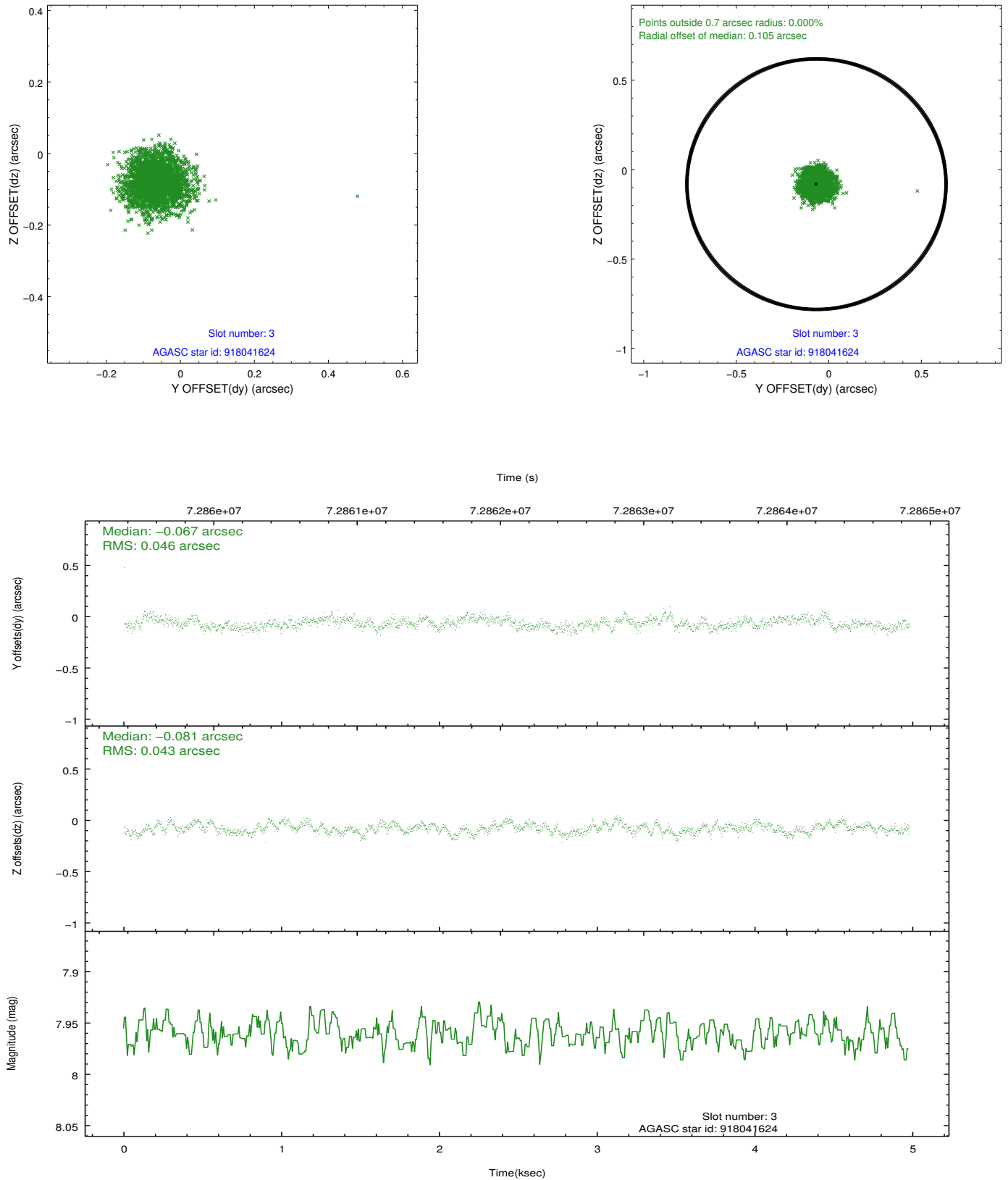


Slot Statistics

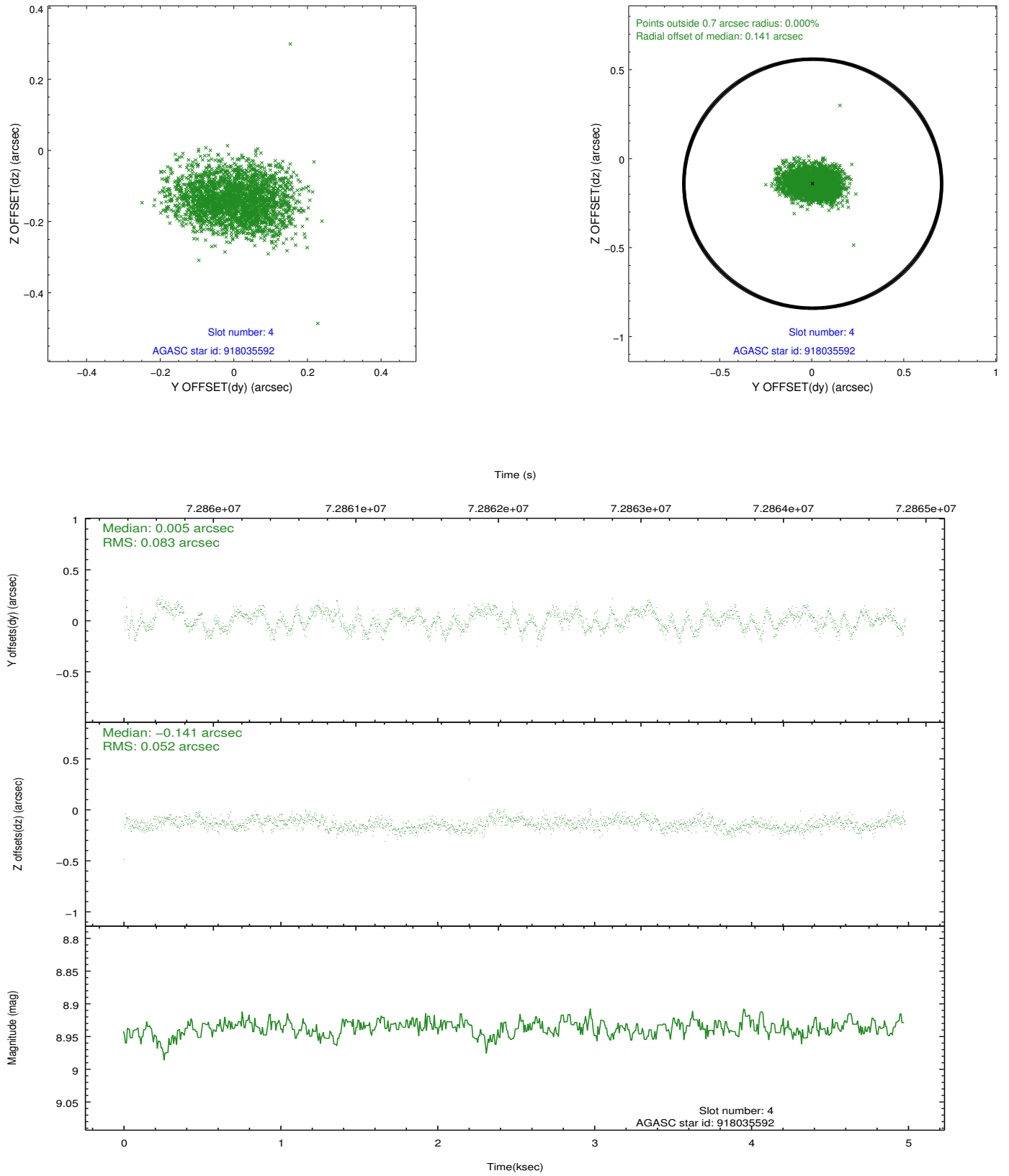
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1214	-0.027	0.001	0.007	0.011	0.000000	0.000000	-753.57	-1726.00
1	FID	ACIS-S-4	7.21	1214	-0.006	0.013	0.006	0.011	0.000000	0.000000	2159.18	181.23
2	FID	ACIS-S-5	7.23	1214	0.002	-0.005	0.006	0.011	0.000000	0.000000	-1804.80	176.29
3	GUIDE	918041624	7.96	2427	-0.067	-0.081	0.068	0.104	20.656436	-34.992038	747.17	229.29
4	GUIDE	918035592	8.94	2427	0.005	-0.141	0.104	0.166	21.482509	-35.750908	-2243.12	2327.04
5	GUIDE	918041544	10.03	2422	0.082	0.070	0.114	0.184	20.868409	-34.646803	428.18	-1124.61
6	GUIDE	918034472	10.34	2428	-0.065	0.087	0.177	0.285	21.882150	-34.469681	-2351.75	-2432.55
7	GUIDE	918034856	10.75	2426	0.049	0.056	0.141	0.239	20.462620	-35.346988	998.94	1604.77

2.4 Star Slots

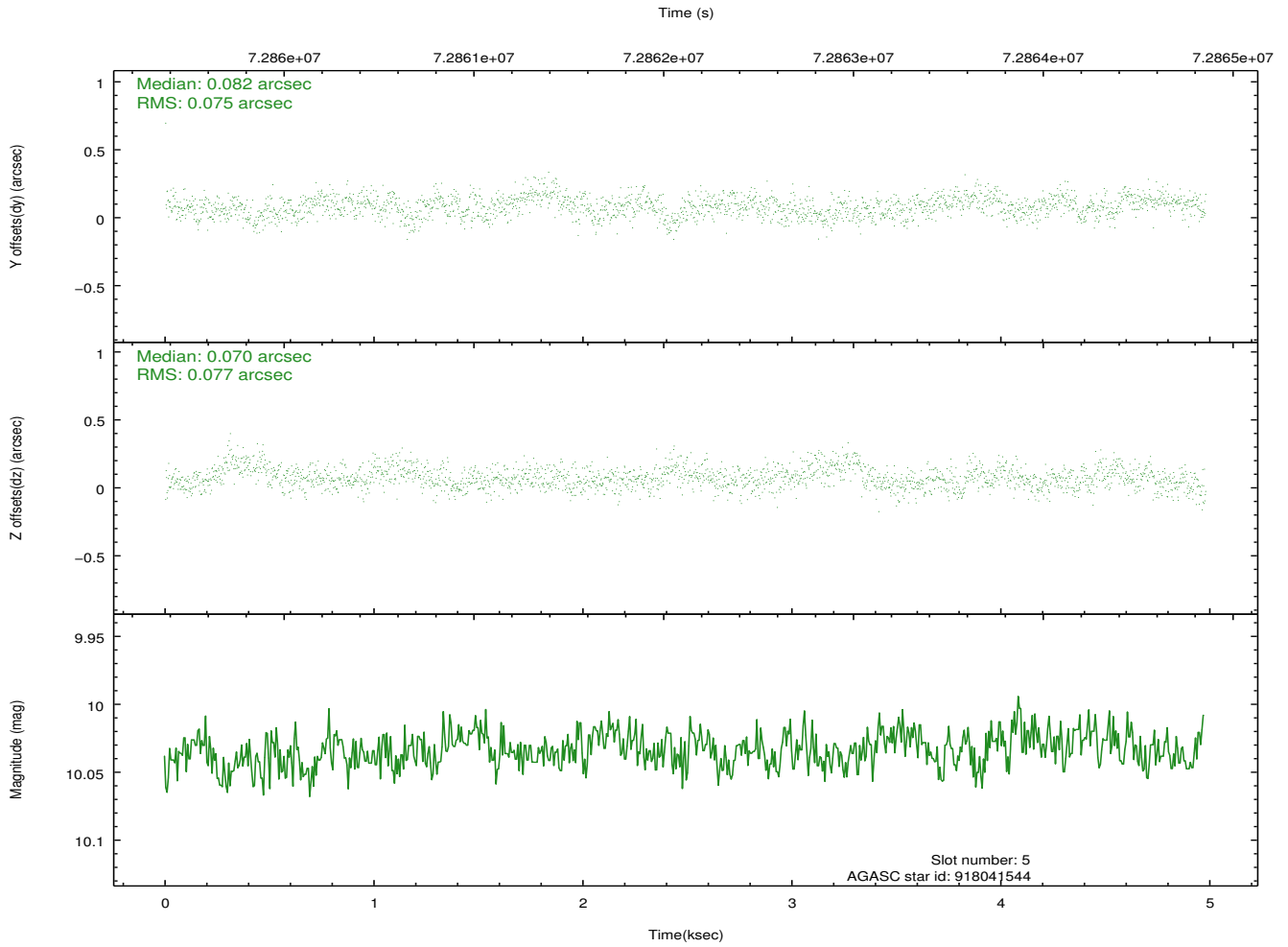
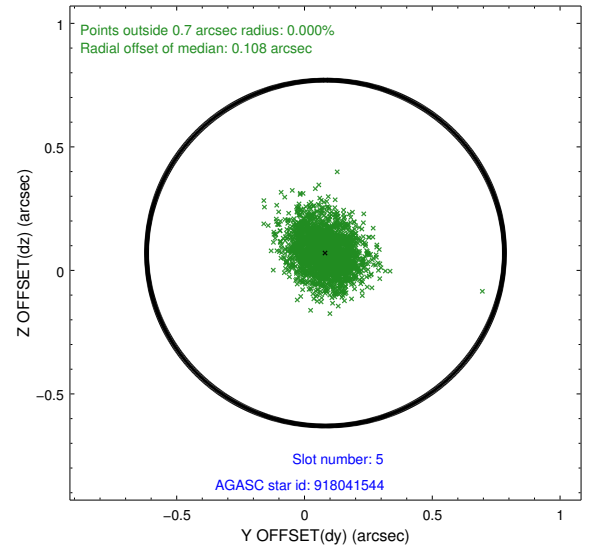
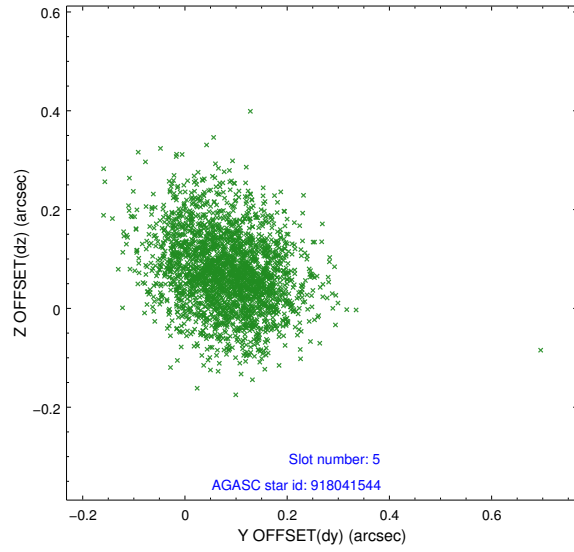
2.4.1 Slot 3



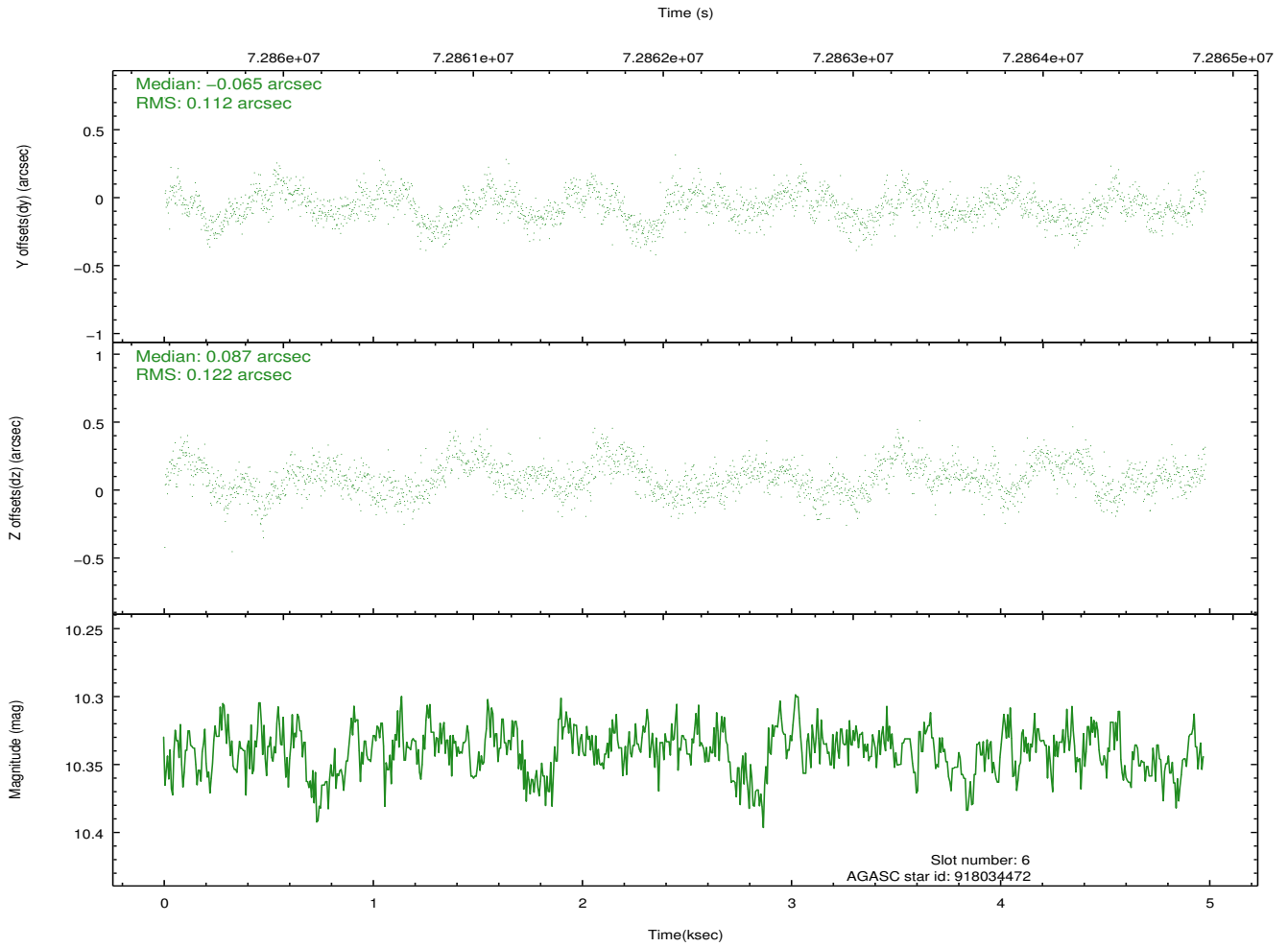
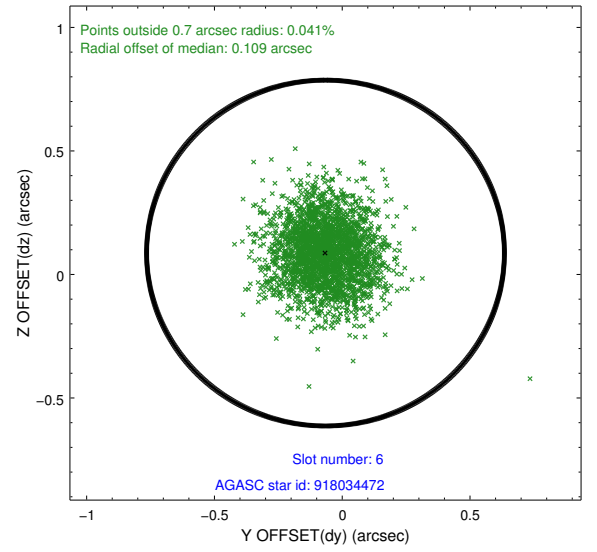
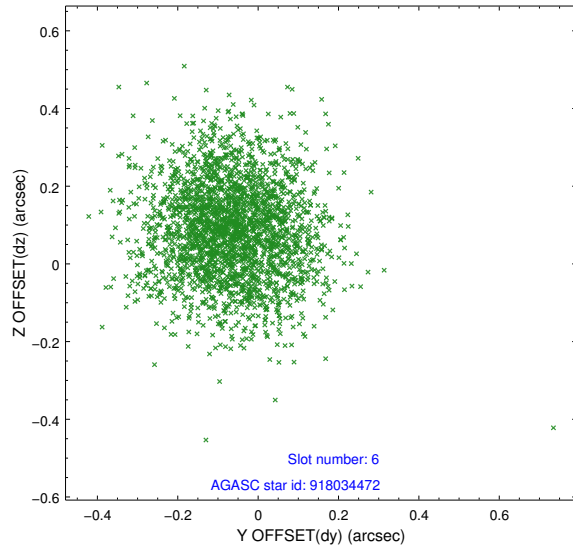
2.4.2 Slot 4



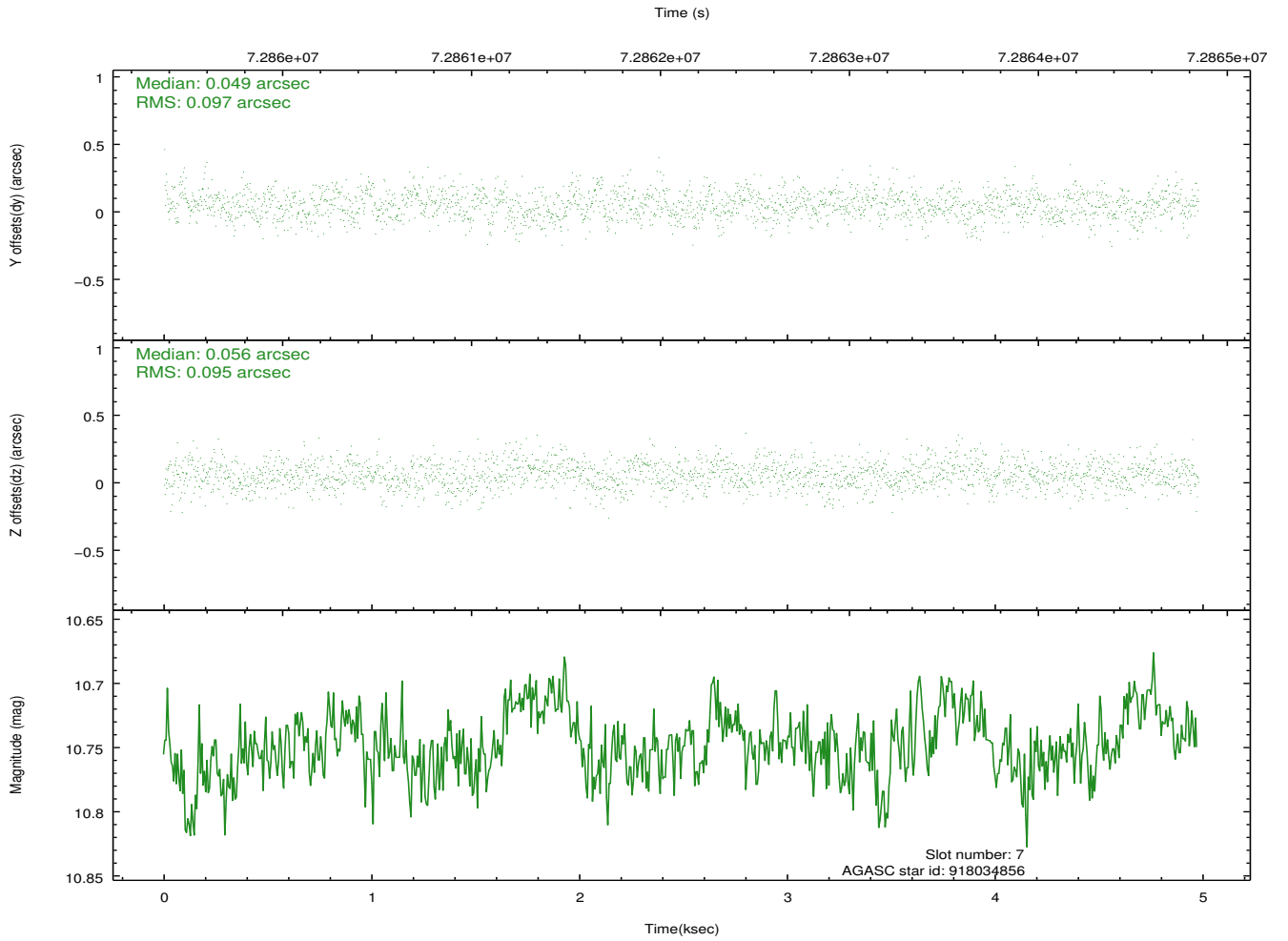
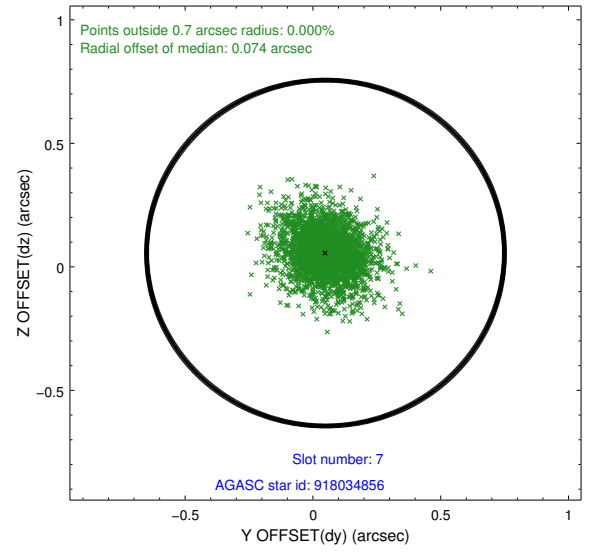
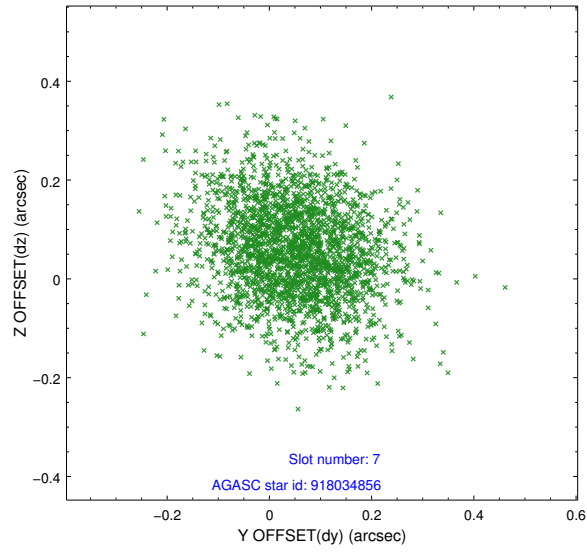
2.4.3 Slot 5



2.4.4 Slot 6

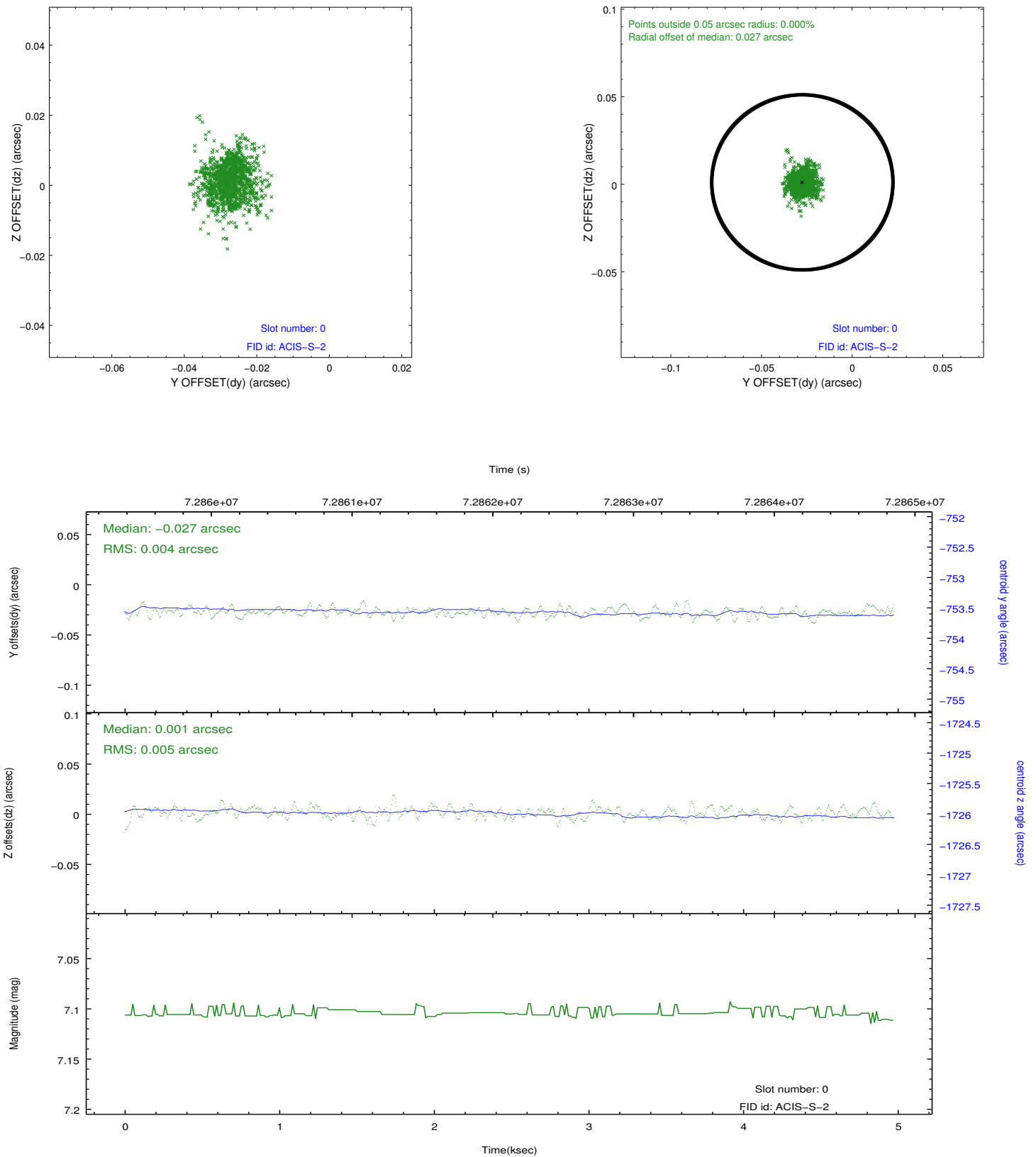


2.4.5 Slot 7

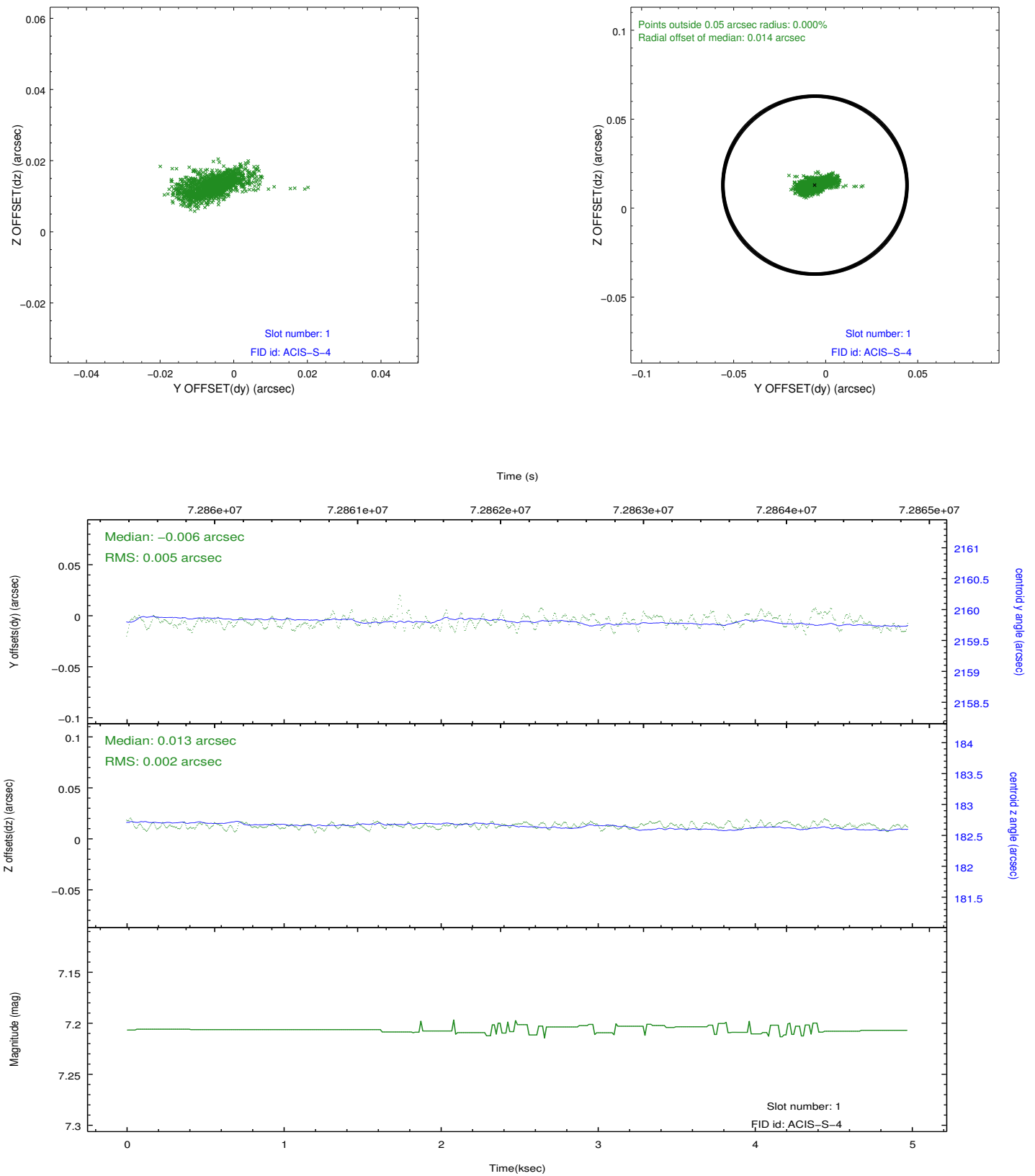


2.5 FID Slots

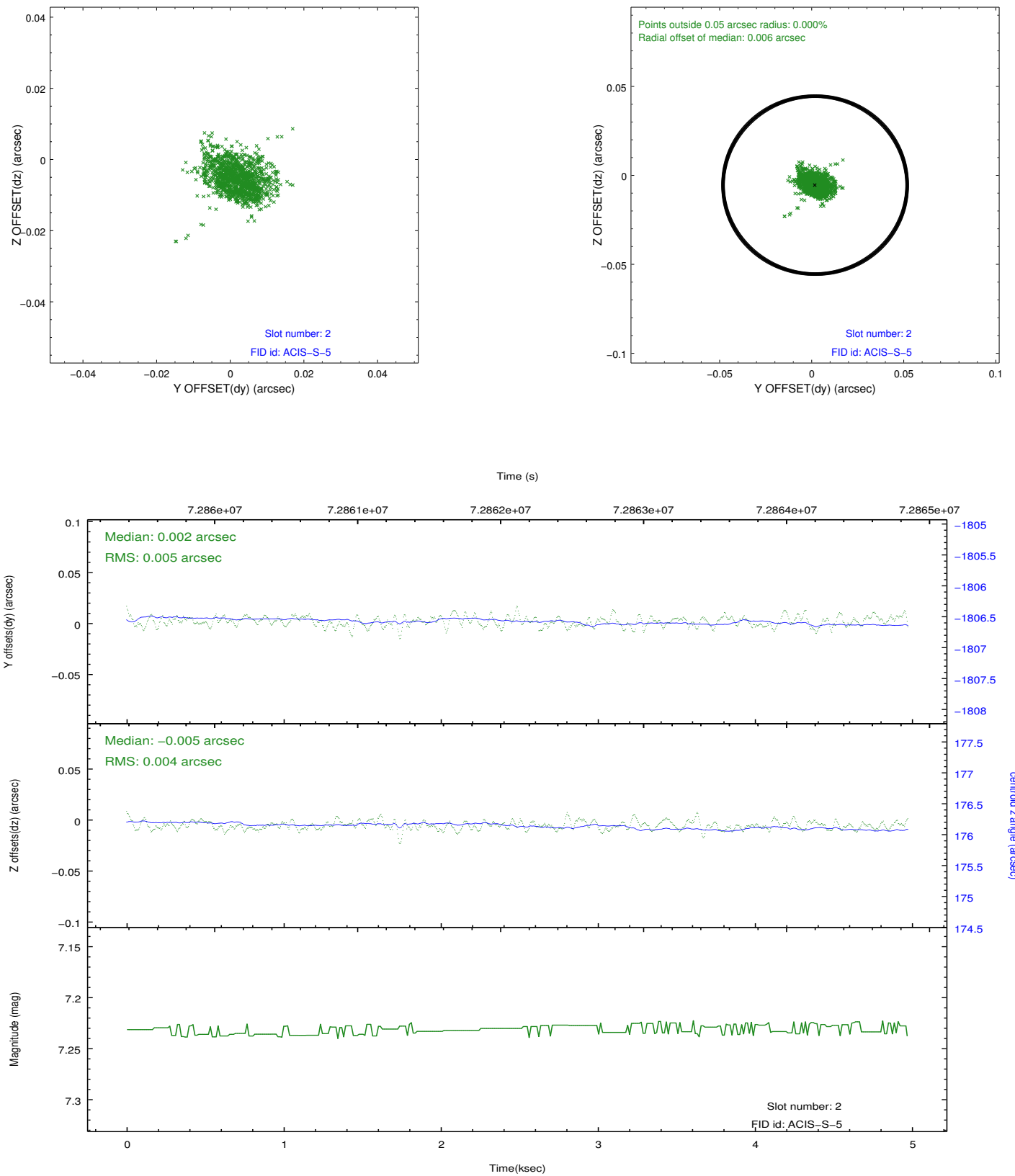
2.5.1 Slot 0



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)	2012.08.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.976

A.2 Comments