

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 5666 - L2 Version 3
Chandra X-Ray Center

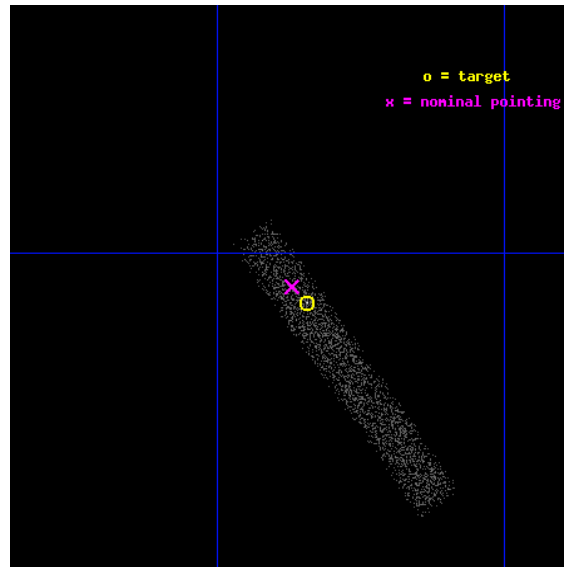
L2 Processing Date : Dec 12 2012

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1 Front

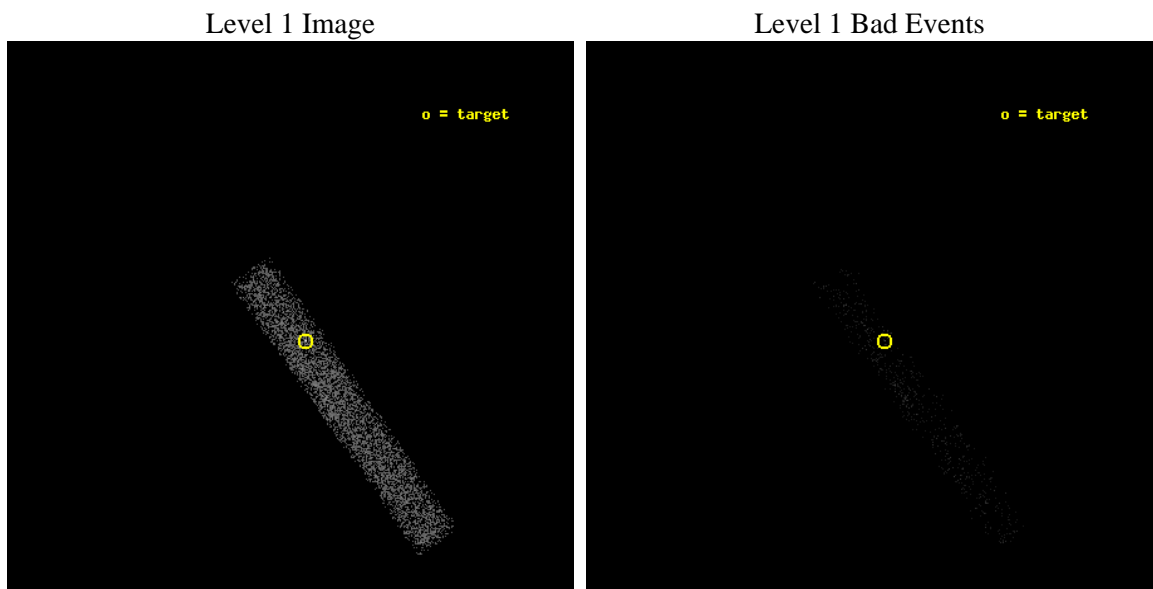
seq_num	701089	Sequence number
obs_id	5666	Observation id
title	X-ray Properties of AGNs with Intermediate-mass Black Holes	Propos
observer	Dr. Luis Ho	Principal investigator
object	SDSS J143450.62+033842.5	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	218.710833	Observer's specified target RA [deg]
dec_targ	3.645139	Observer's specified target Dec [deg]
ra_nom	218.71772867087	Nominal RA [deg]
dec_nom	3.651887260122	Nominal Dec [deg]
roll_nom	54.868206342924	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5122.0000762939	Sum of GTIs [s]
livetime	4645.3837078668	Livetime [s]
ontime7	5122.0000762939	Sum of GTIs [s]
l2events	3474	Number of level 2 events



2 OBI

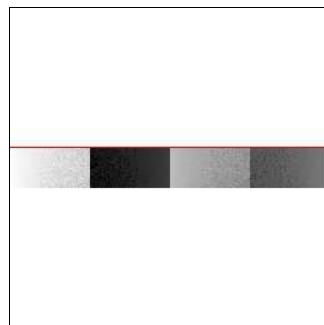
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4939.798000	[s] Scheduled observation exposure time
ascdsver	8.5	Processing system revision	ontime	5122.0000762939	Sum of GTIs [s]
caldsver	4.5.4	 	ontime7	5122.0000762939	Sum of GTIs [s]
date	2012-12-12T13:23:31	Date and time of file creation	l1events	9118	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

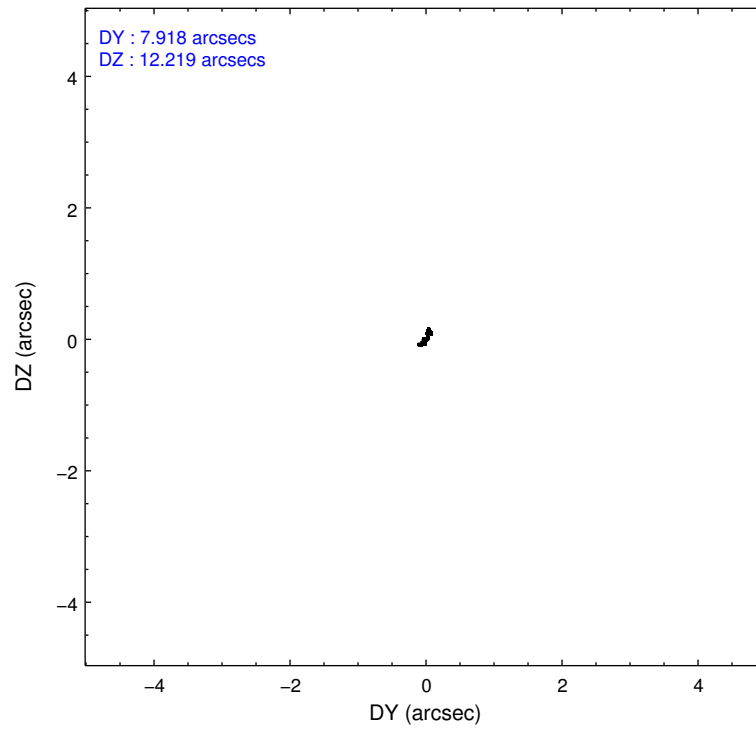
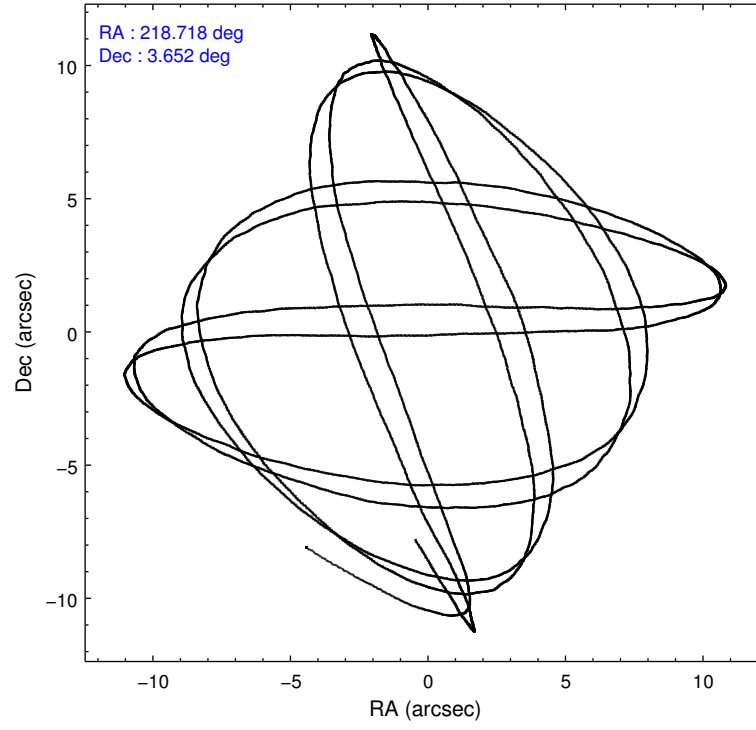
	ccd 7
level 1 events	9118
rejected events	5454
rejected %	59%

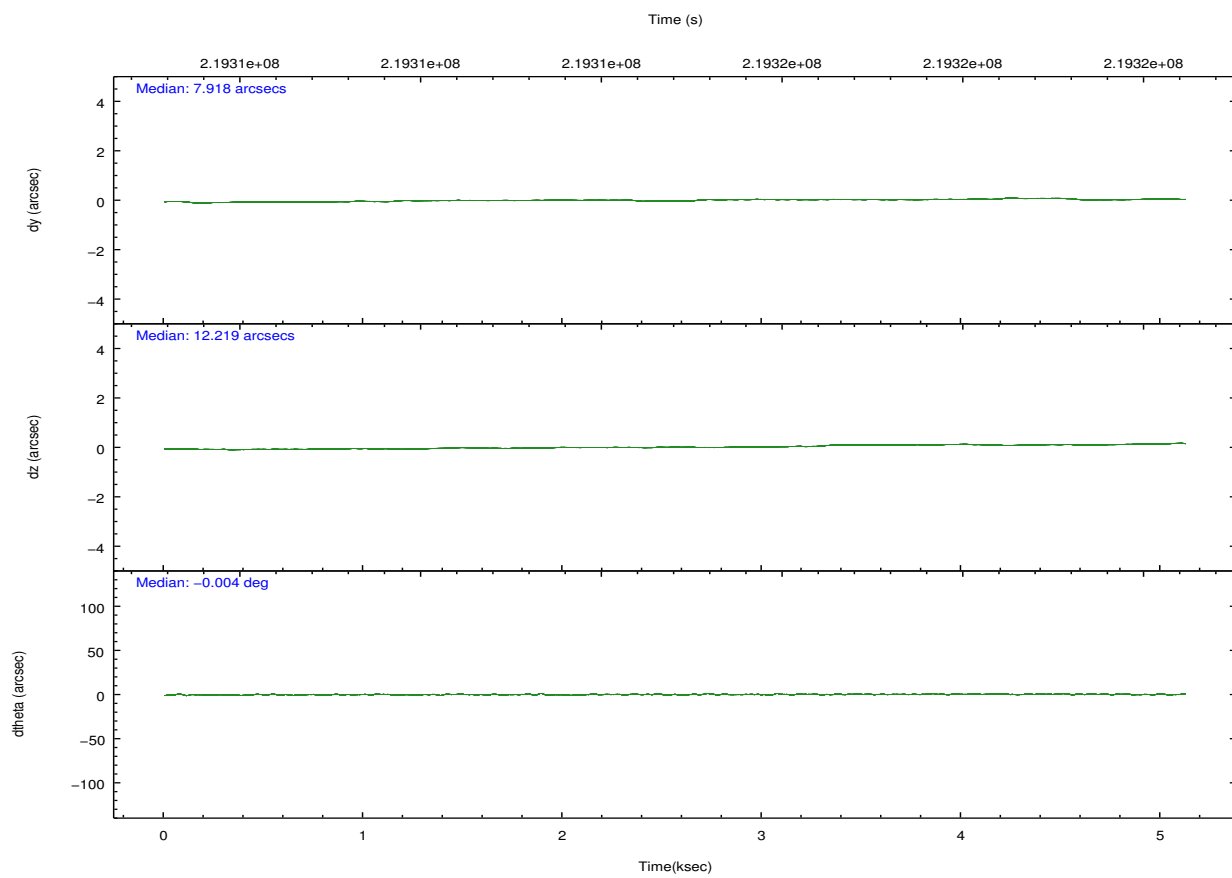
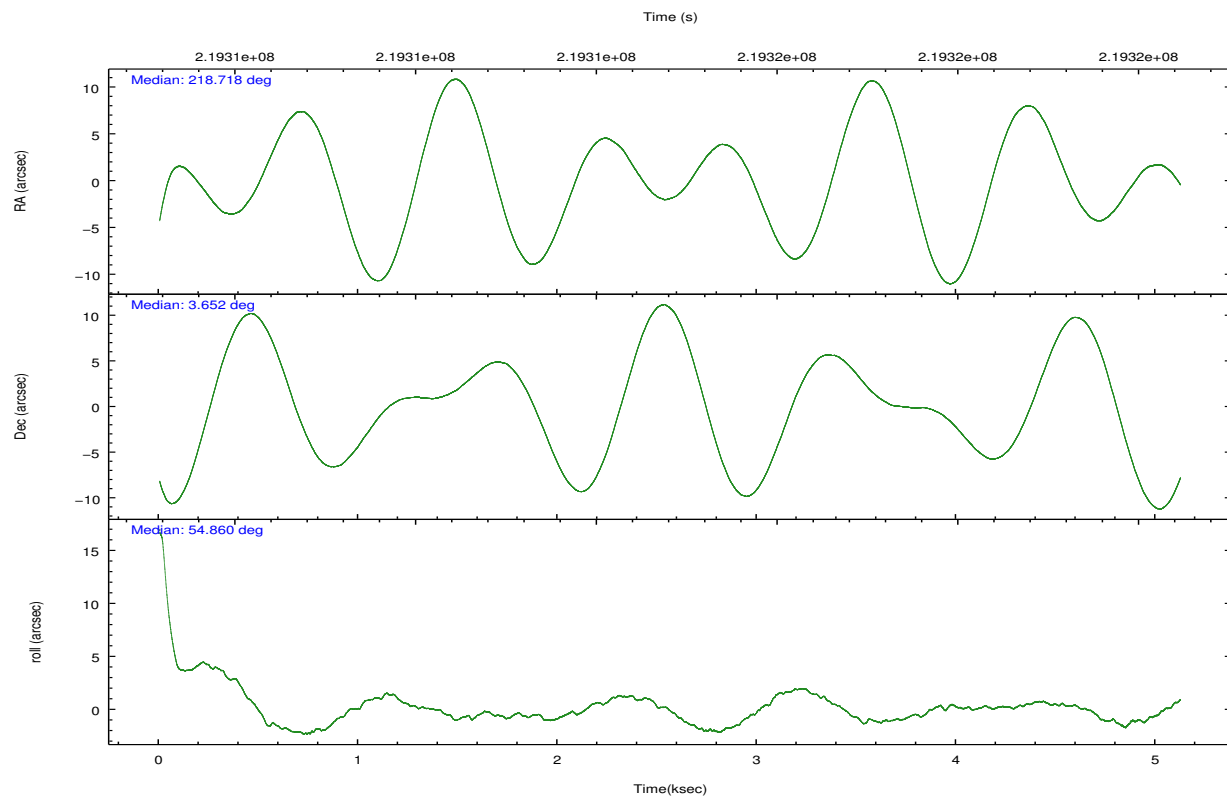
	ccd 7
grade 0 events	631
	6%
grade 1 events	10
	0%
grade 2 events	899
	9%
grade 3 events	569
	6%
grade 4 events	595
	6%
grade 5 events	820
	8%
grade 6 events	1884
	20%
grade 7 events	3710
	40%

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	218.715640	218.717728670869	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	3.624800	3.651887260121963	Subarray start row	449	449
[deg] Pointing Roll	54.711702	54.86820634292395	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	-190.145094680475			
[mm] SIM translation stage offset	0	0.01257209746719923			
[s] Observation start time (MET)	219312029.184000	219310419.90179			
Observation start date	2004-12-13T07:59:25	2004-12-13T07:33:39			
[s] Observation end time (MET)	219316969.184000	219317199.25209			
Observation end date	2004-12-13T09:21:45	2004-12-13T09:26:39			
Read mode	TIMED	TIMED			

2.3 Aspect



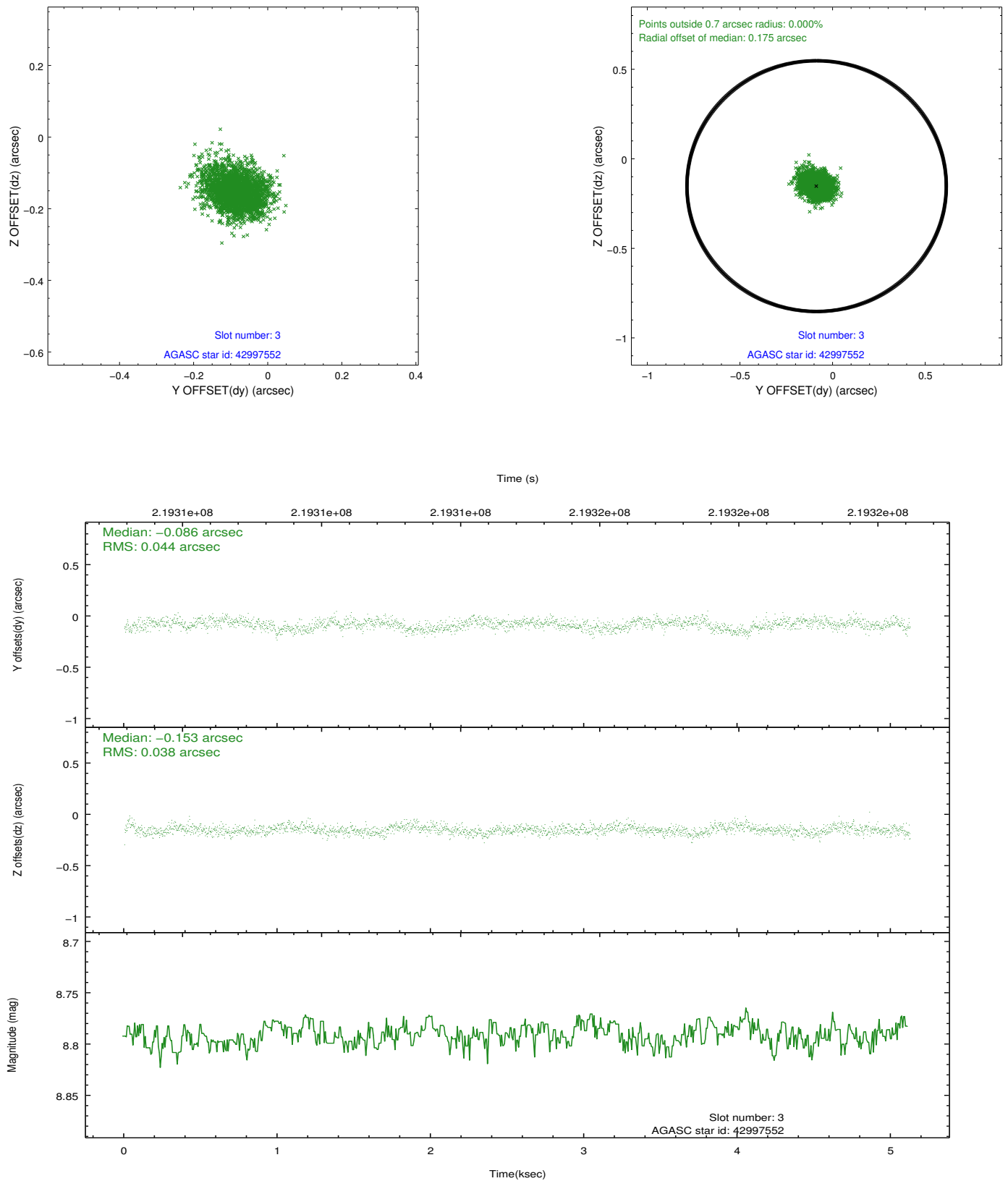


Slot Statistics

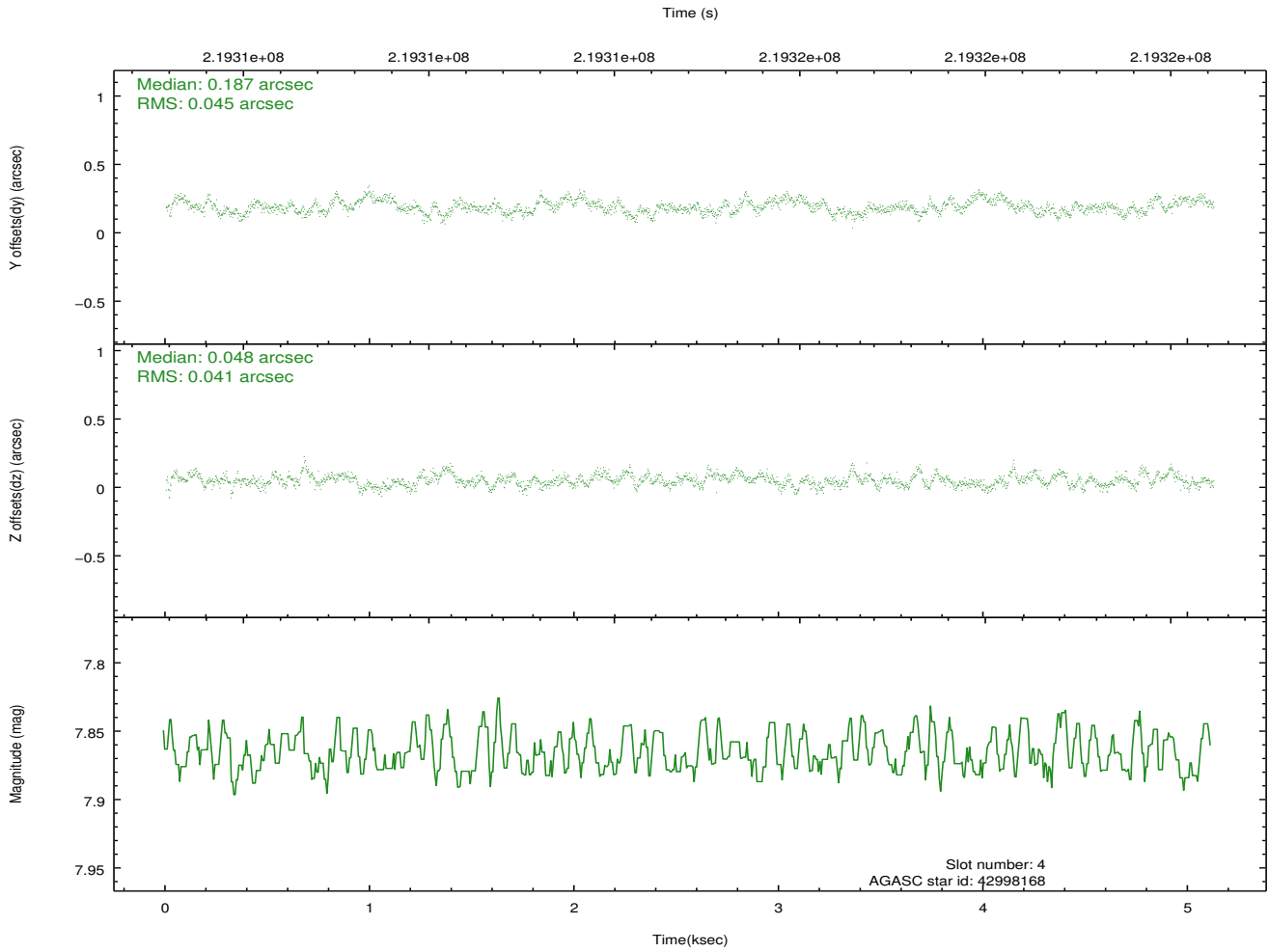
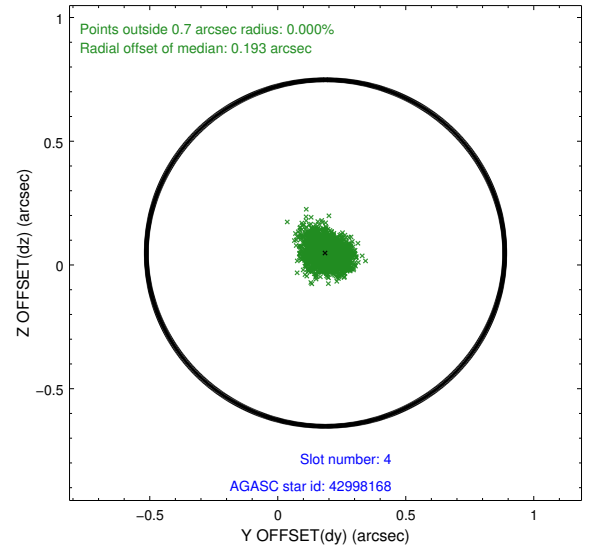
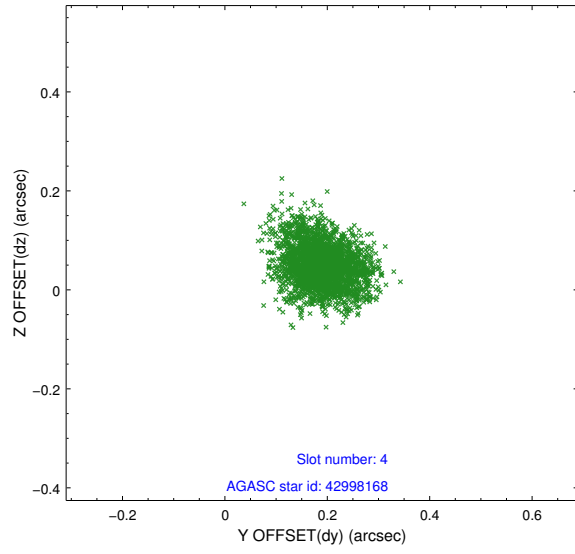
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1250	-0.004	-0.017	0.008	0.013	0.000000	0.000000	-760.70	-1733.45
1	FID	ACIS-S-4	7.20	1250	0.063	0.007	0.007	0.012	0.000000	0.000000	2152.11	173.82
2	FID	ACIS-S-5	7.23	1248	-0.090	0.018	0.007	0.012	0.000000	0.000000	-1812.10	168.86
3	GUIDE	42997552	8.79	2499	-0.086	-0.153	0.062	0.101	218.755493	4.269191	1976.36	1223.76
4	GUIDE	42998168	7.87	2499	0.187	0.048	0.065	0.105	218.900058	3.467589	-77.91	-866.75
5	GUIDE	43005936	7.58	2500	0.160	-0.069	0.051	0.085	218.240457	3.659419	-883.76	1465.50
6	GUIDE	42992696	8.40	2500	0.038	-0.240	0.071	0.116	217.807530	3.501863	-2245.36	2409.25
7	GUIDE	42998344	7.15	2499	-0.305	0.410	0.049	0.082	219.477806	3.522009	1280.51	-2446.69

2.4 Star Slots

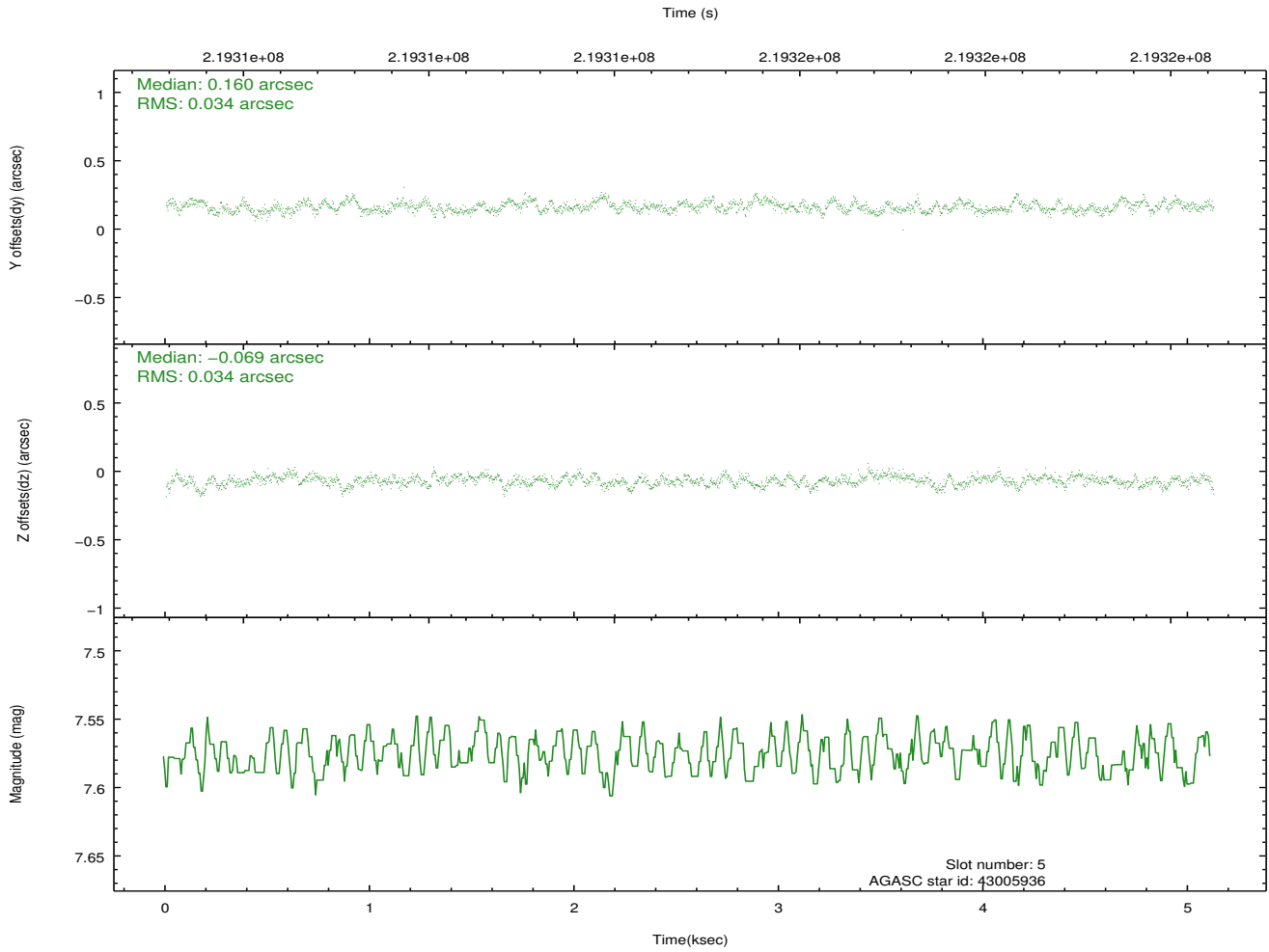
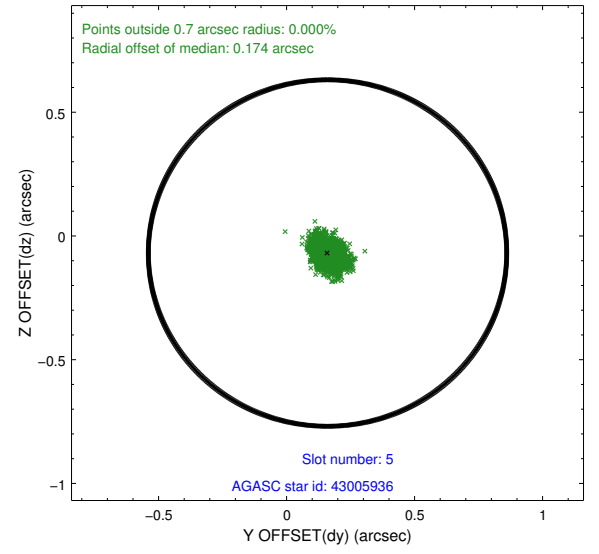
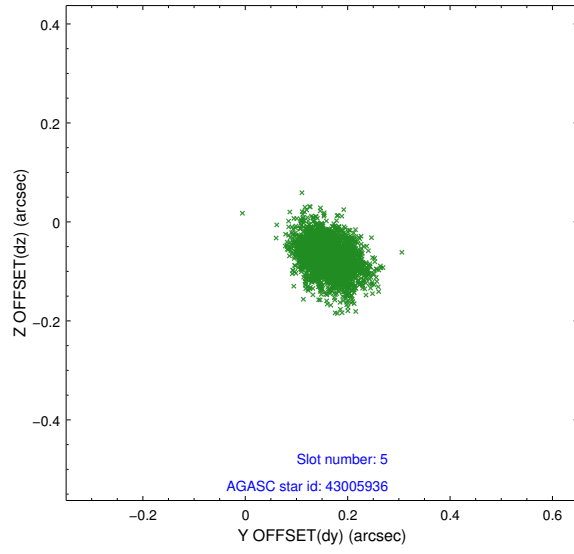
2.4.1 Slot 3



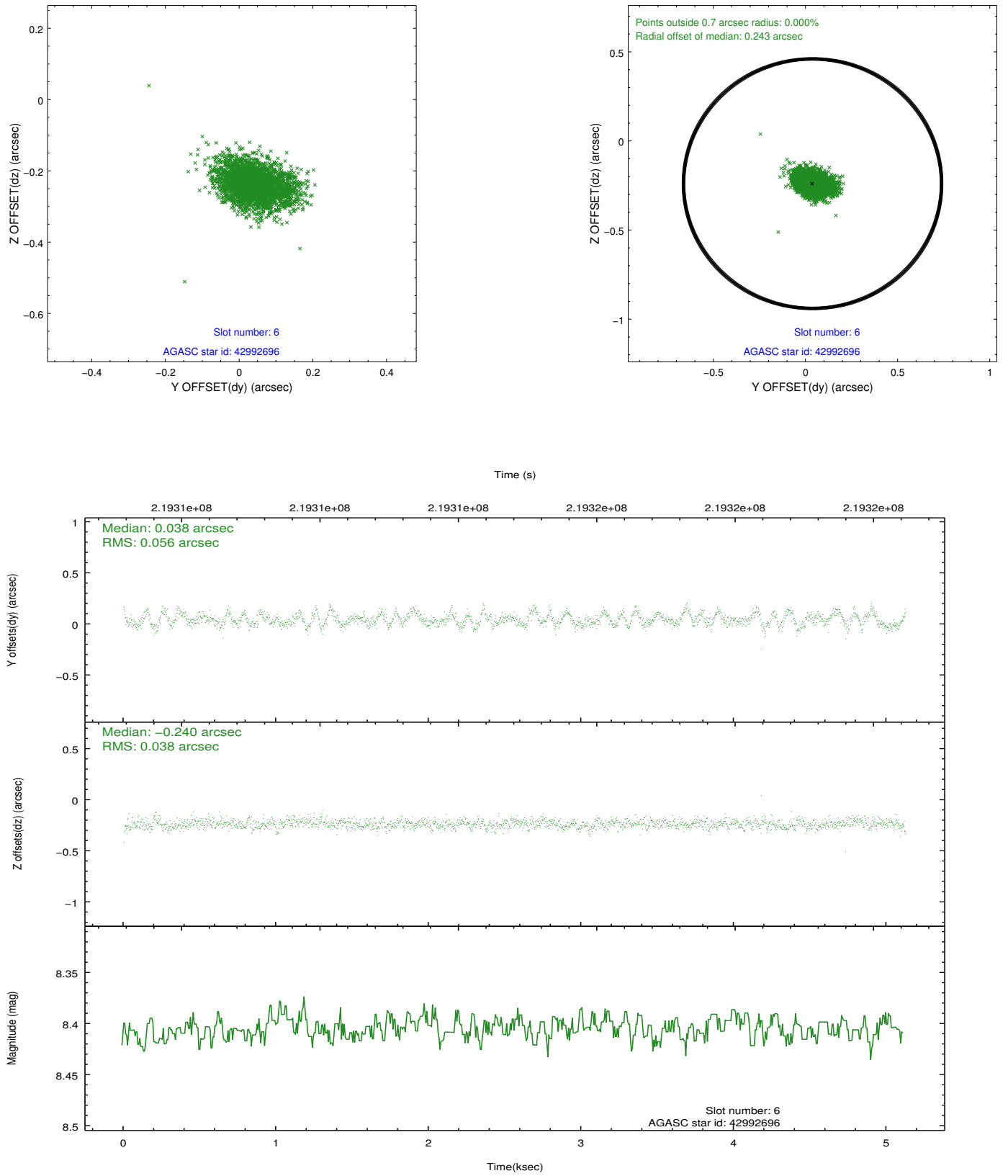
2.4.2 Slot 4



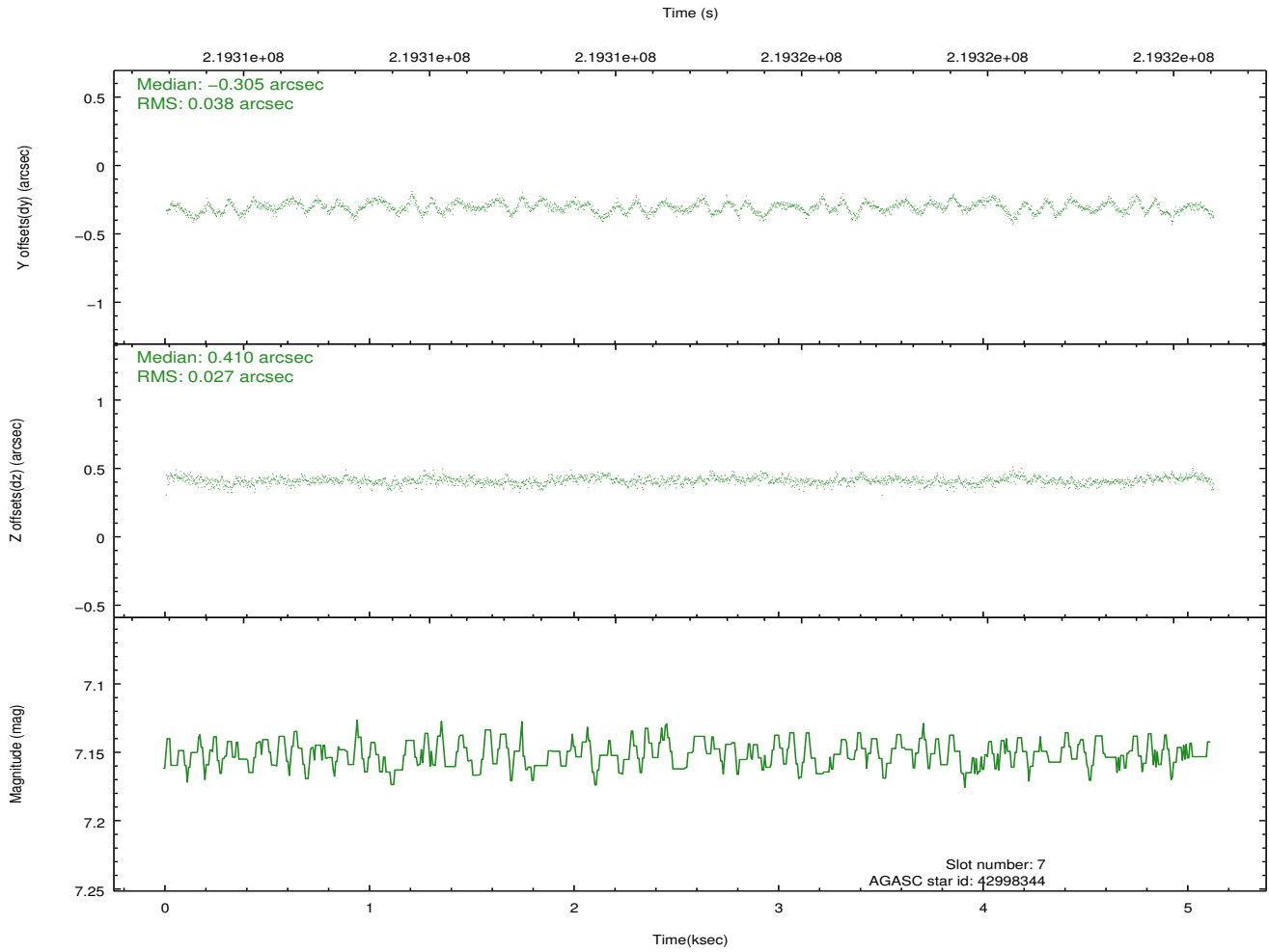
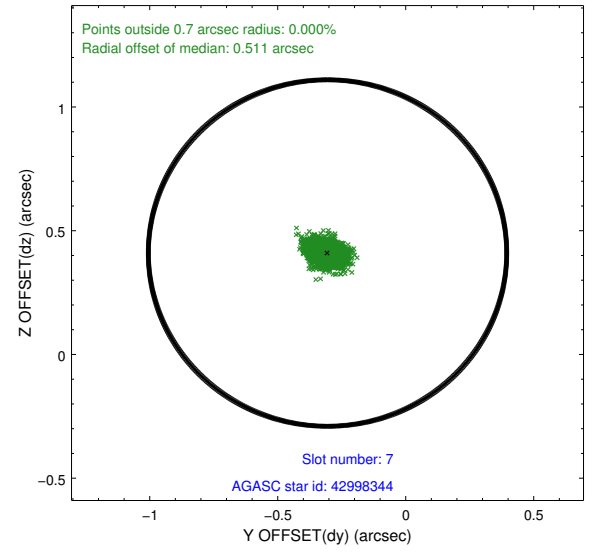
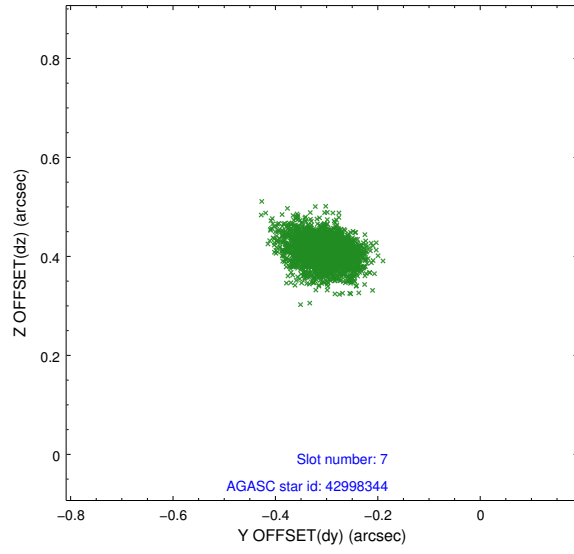
2.4.3 Slot 5



2.4.4 Slot 6

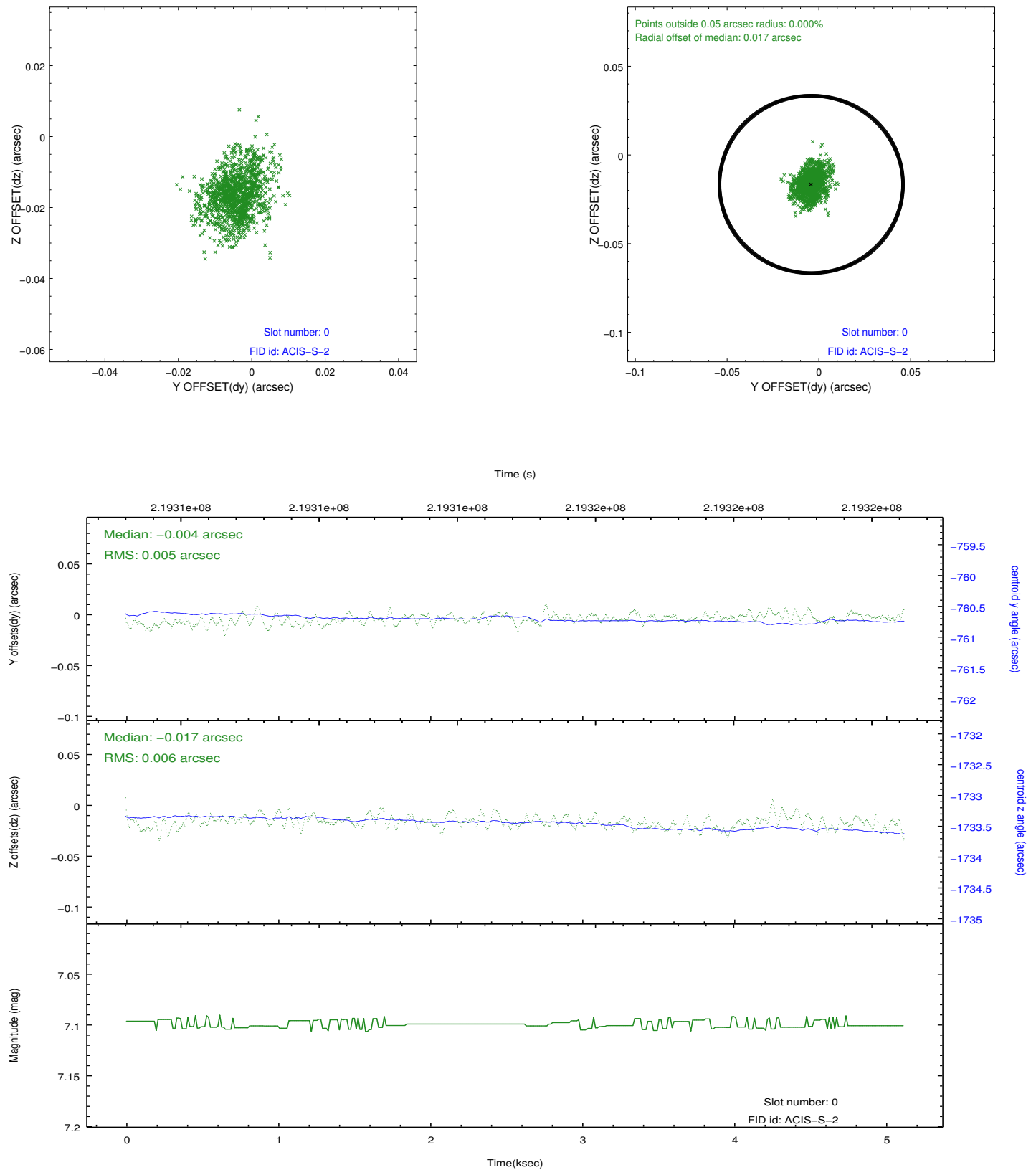


2.4.5 Slot 7

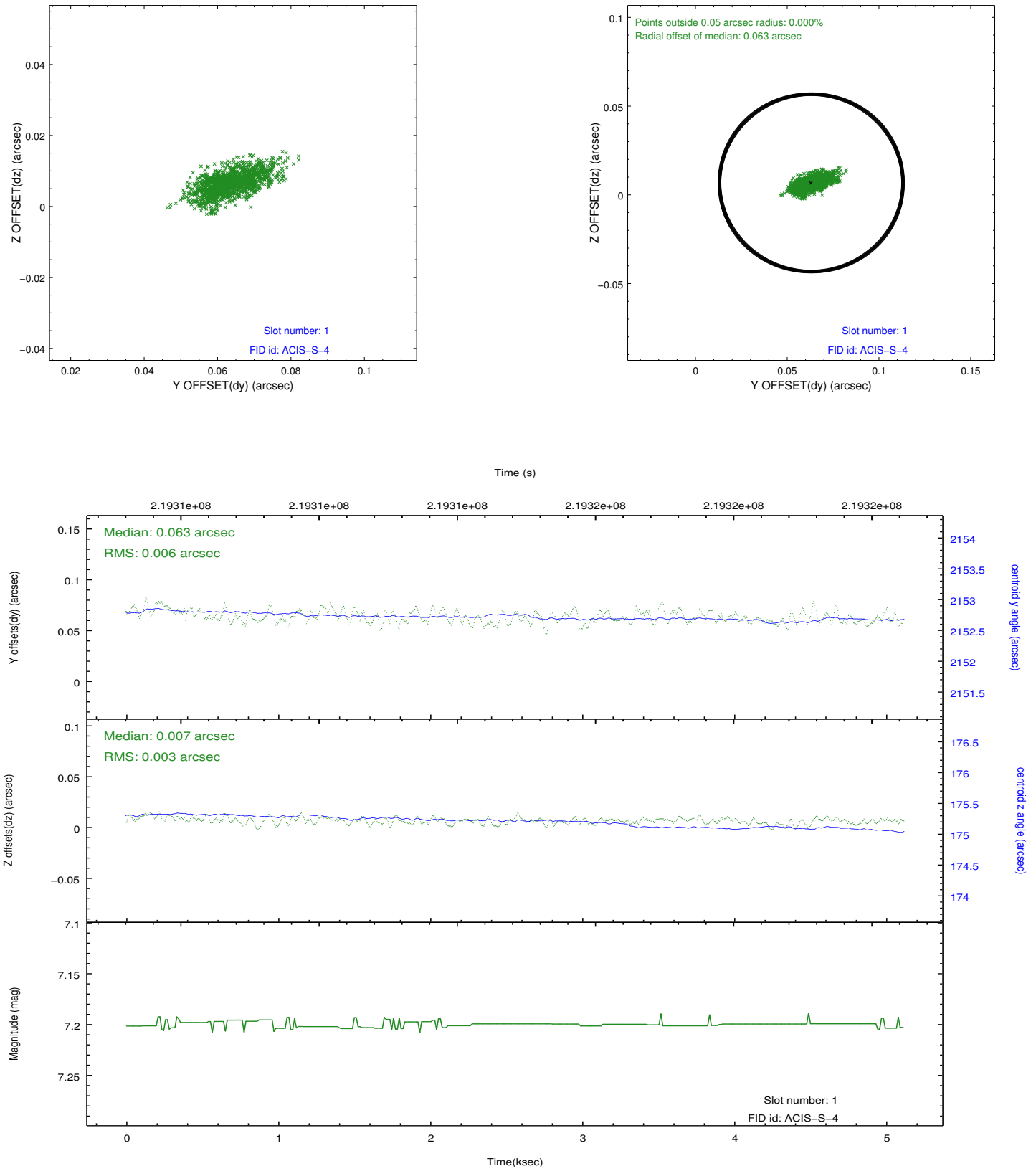


2.5 FID Slots

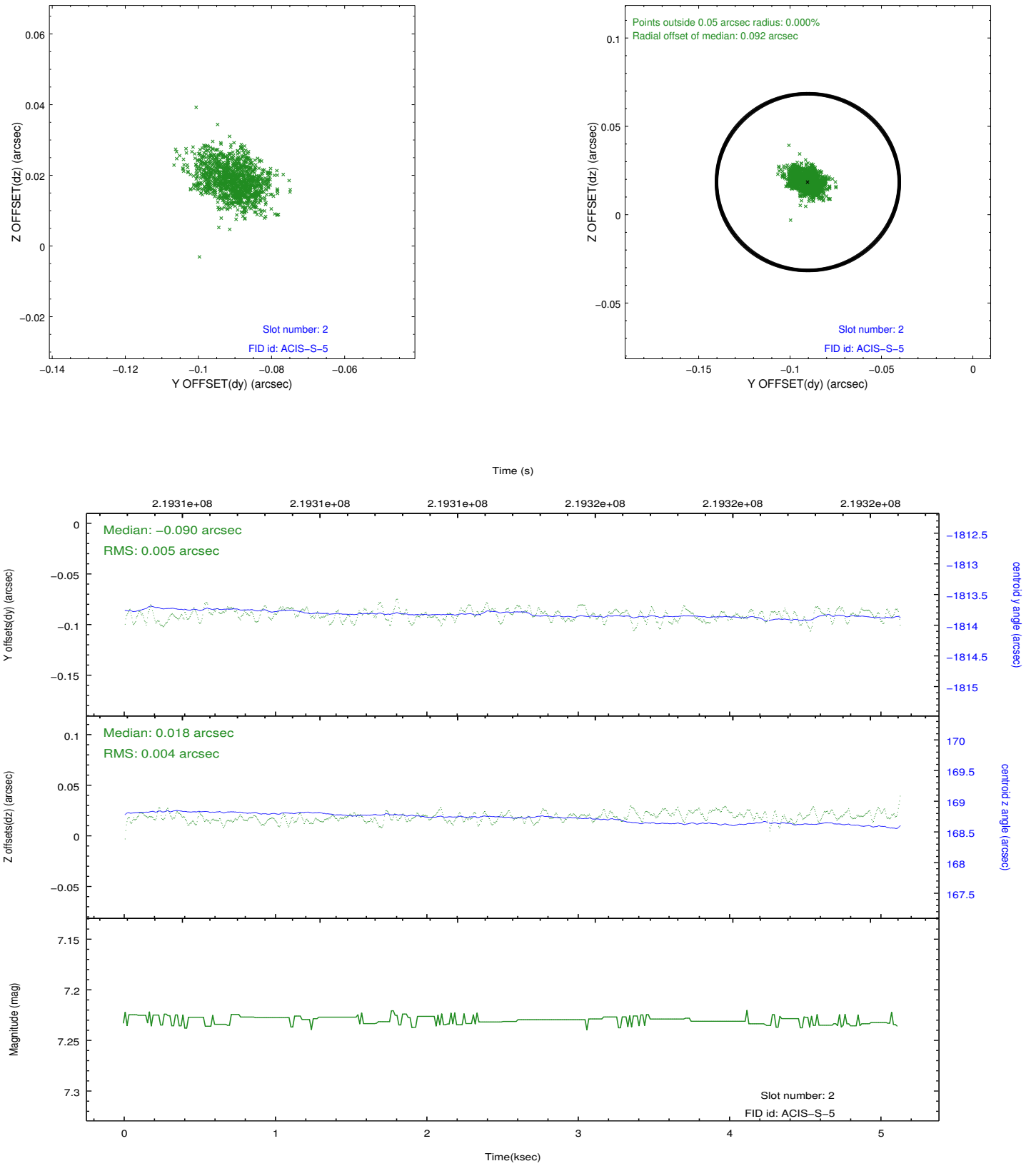
2.5.1 Slot 0



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)	2013.01.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.122

A.2 Comments