

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4894 - L2 Version 3
Chandra X-Ray Center

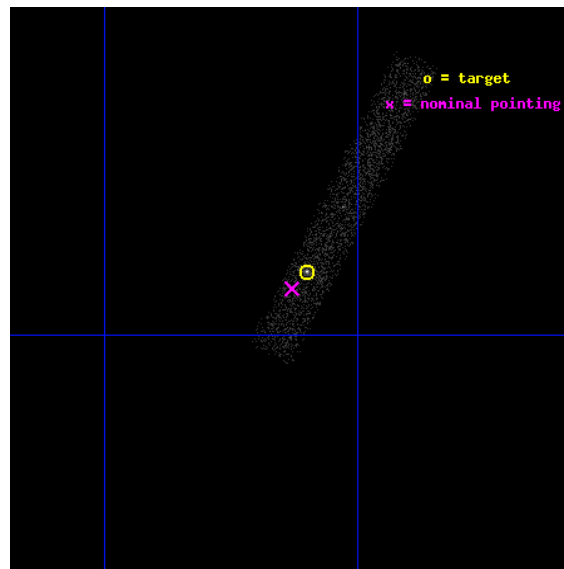
L2 Processing Date : Nov 7 2012

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1 Front

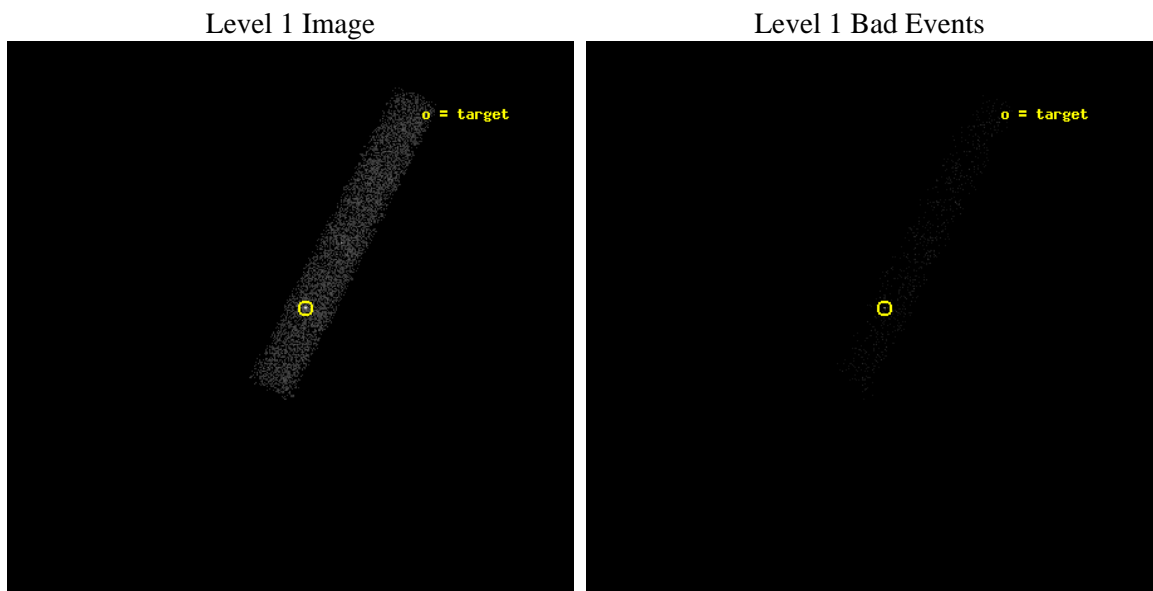
seq_num	700976	Sequence number
obs_id	4894	Observation id
title	Continuing a Flux-limited Survey for X-ray Emission from Radio Jets	
observer	Dr. Herman Marshall	Principal investigator
object	2255-282	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	344.525	Observer's specified target RA [deg]
dec_targ	-27.972583	Observer's specified target Dec [deg]
ra_nom	344.53238247118	Nominal RA [deg]
dec_nom	-27.979975207992	Nominal Dec [deg]
roll_nom	296.91377386281	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7858.4001170695	Sum of GTIs [s]
livetime	7127.1541058131	Livetime [s]
ontime7	7858.4001170695	Sum of GTIs [s]
l2events	6410	Number of level 2 events



2 OBI

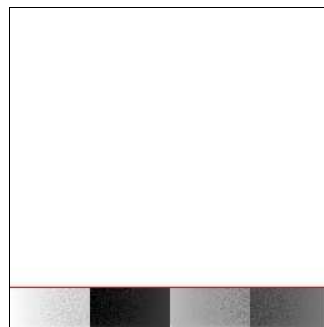
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	7000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	7858.4001170695	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	7858.4001170695	Sum of GTIs [s]
date	2012-11-08T02:08:17	Date and time of file creation	l1events	10666	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

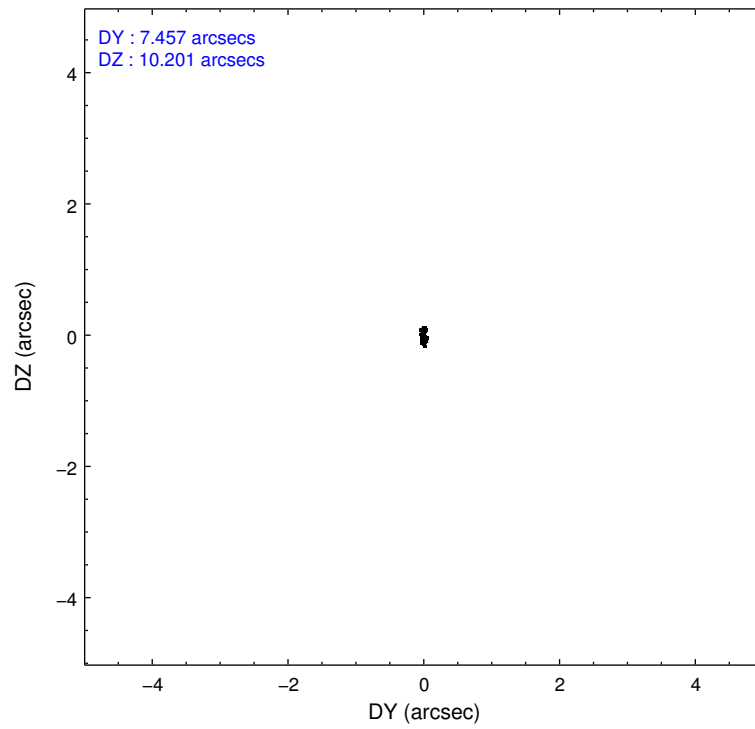
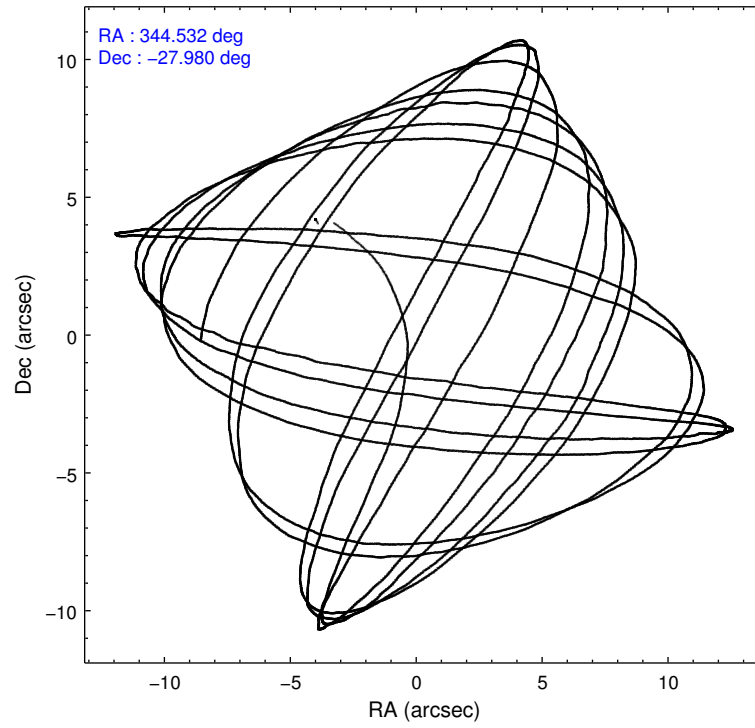
	ccd 7
level 1 events	10666
rejected events	4130
rejected %	38%

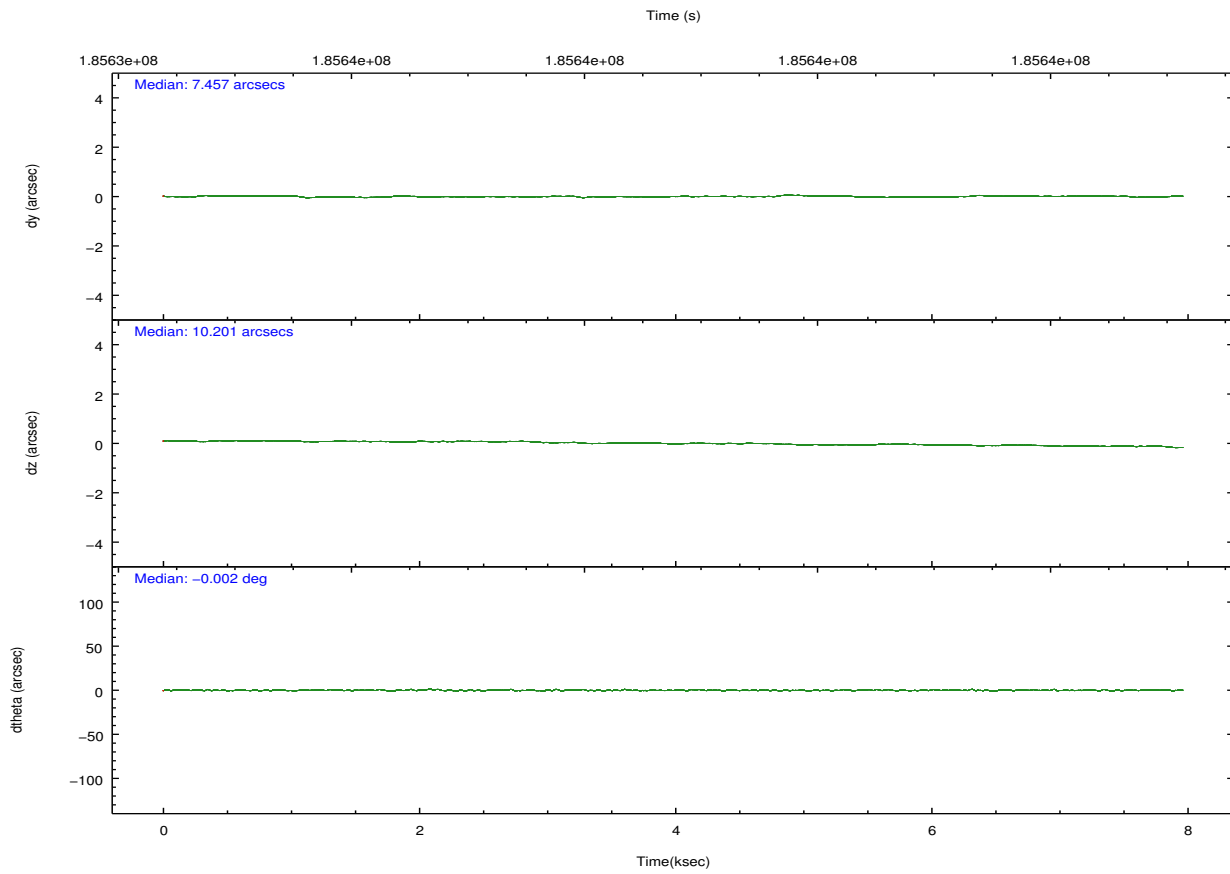
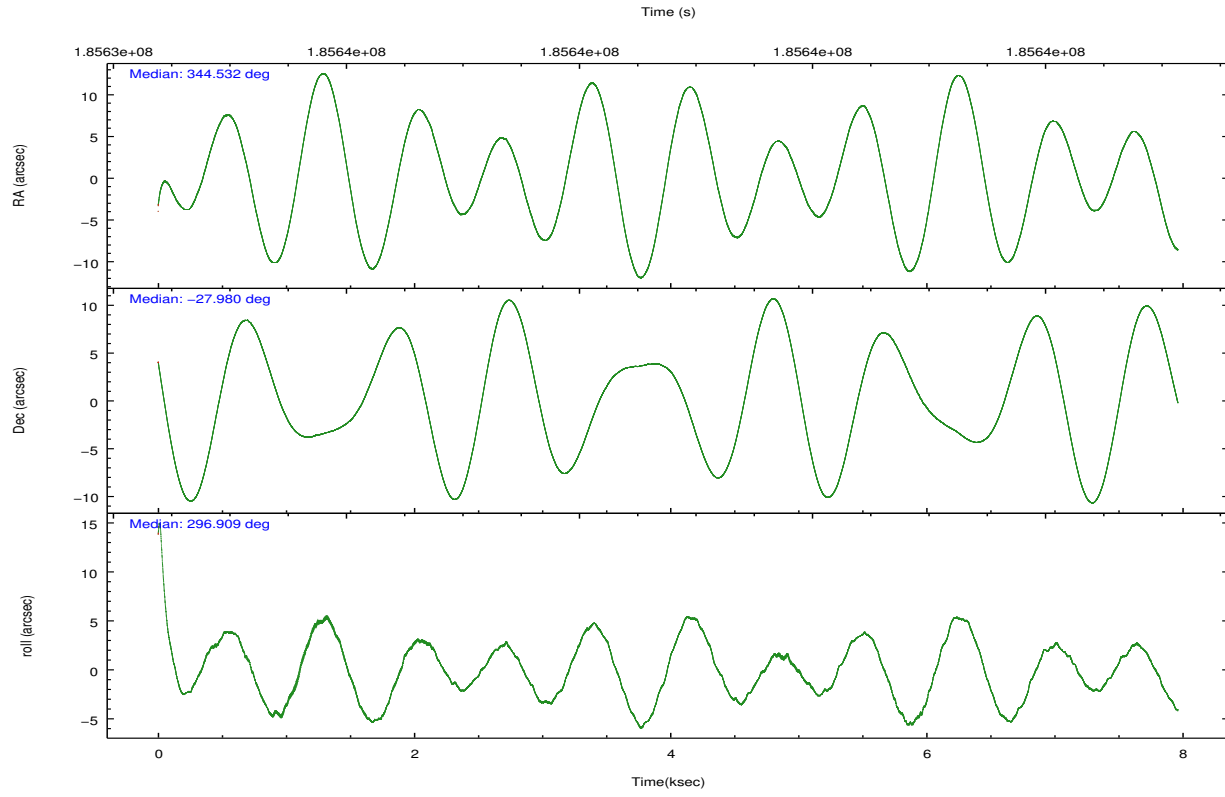
	ccd 7
grade 0 events	1152
	10%
grade 1 events	16
	0%
grade 2 events	1510
	14%
grade 3 events	786
	7%
grade 4 events	814
	7%
grade 5 events	705
	6%
grade 6 events	2274
	21%
grade 7 events	3409
	31%

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	344.506322	344.5323824711761	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-27.965411	-27.97997520799154	Subarray start row	1	1
[deg] Pointing Roll	296.744902	296.9137738628131	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	-178.632523	-178.6370735452349			
[mm] SIM translation stage offset	-11.5	-11.49544903777291			
[s] Observation start time (MET)	185635744.184000	185634399.60124			
Observation start date	2003-11-19T13:28:00	2003-11-19T13:06:39			
[s] Observation end time (MET)	185642744.184000	185643117.22662			
Observation end date	2003-11-19T15:24:40	2003-11-19T15:31:57			
Read mode	TIMED	TIMED			

2.3 Aspect



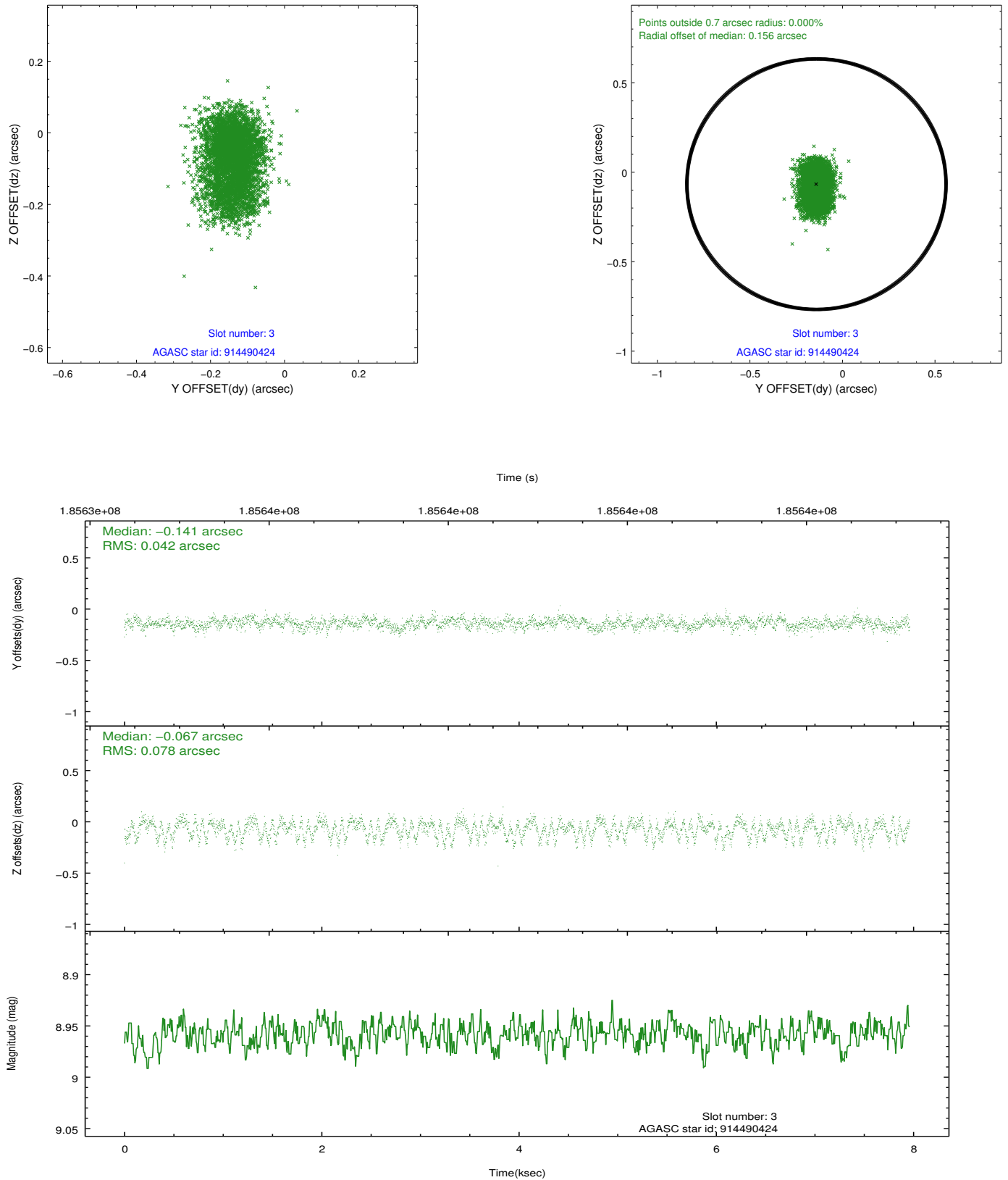


Slot Statistics

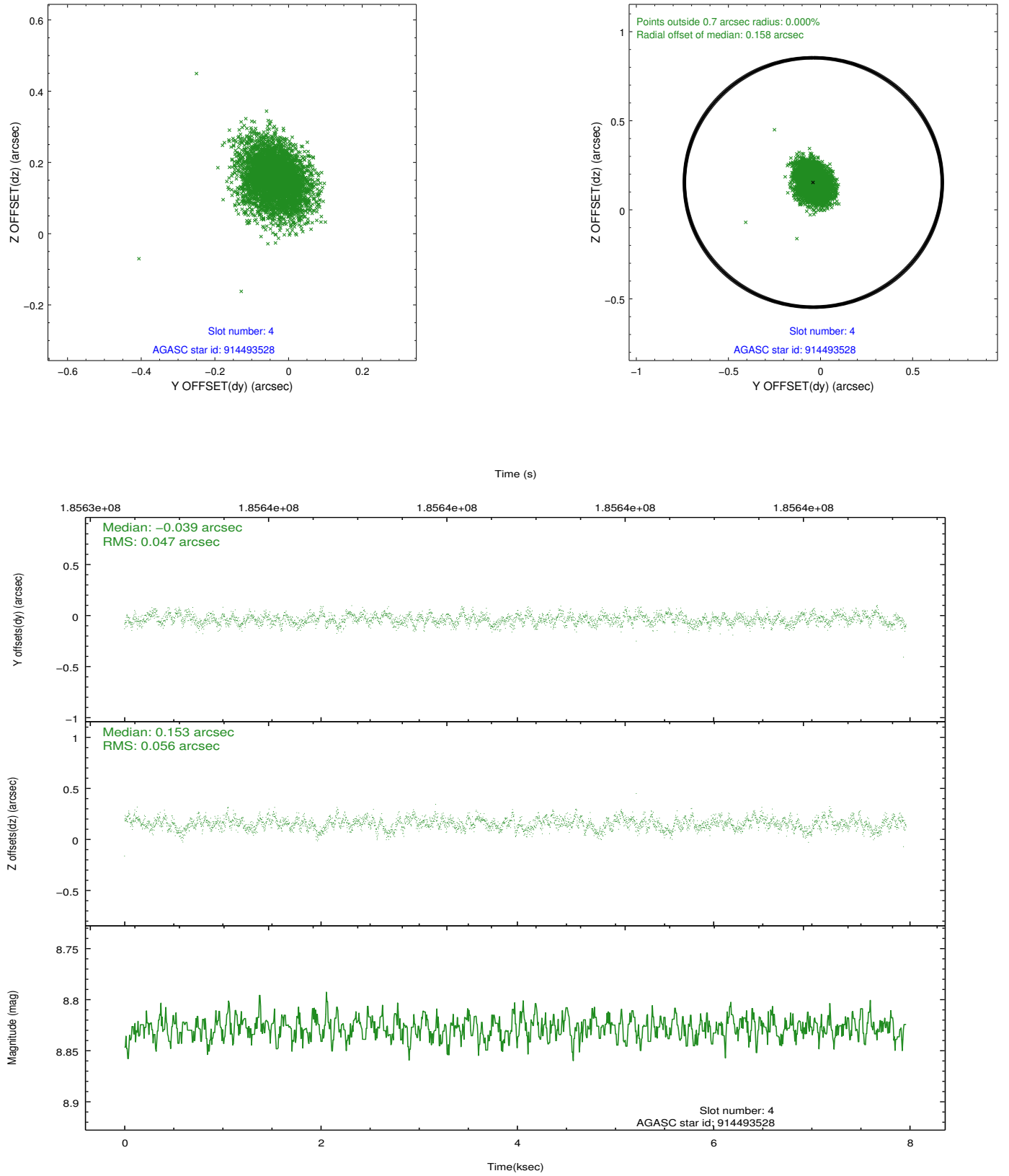
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	1943	0.098	0.118	0.006	0.011	0.000000	0.000000	936.65	-1963.65
1	FID	ACIS-S-5	7.23	1942	-0.071	0.133	0.006	0.011	0.000000	0.000000	-1812.00	-66.79
2	FID	ACIS-S-6	7.42	1943	-0.049	-0.240	0.007	0.012	0.000000	0.000000	401.45	577.47
3	GUIDE	914490424	8.96	3884	-0.141	-0.067	0.094	0.154	343.728283	-27.849583	-1479.51	-2027.51
4	GUIDE	914493528	8.83	3885	-0.039	0.153	0.077	0.126	345.054447	-27.923190	652.30	1623.64
5	GUIDE	914494408	8.51	3884	0.011	-0.179	0.069	0.115	344.009477	-28.023837	-519.04	-1505.59
6	GUIDE	914495696	8.26	3885	0.094	-0.097	0.057	0.091	344.670131	-28.149789	827.57	165.67
7	GUIDE	914496296	7.52	3883	0.072	0.200	0.051	0.081	344.428515	-27.966097	-108.44	-221.65

2.4 Star Slots

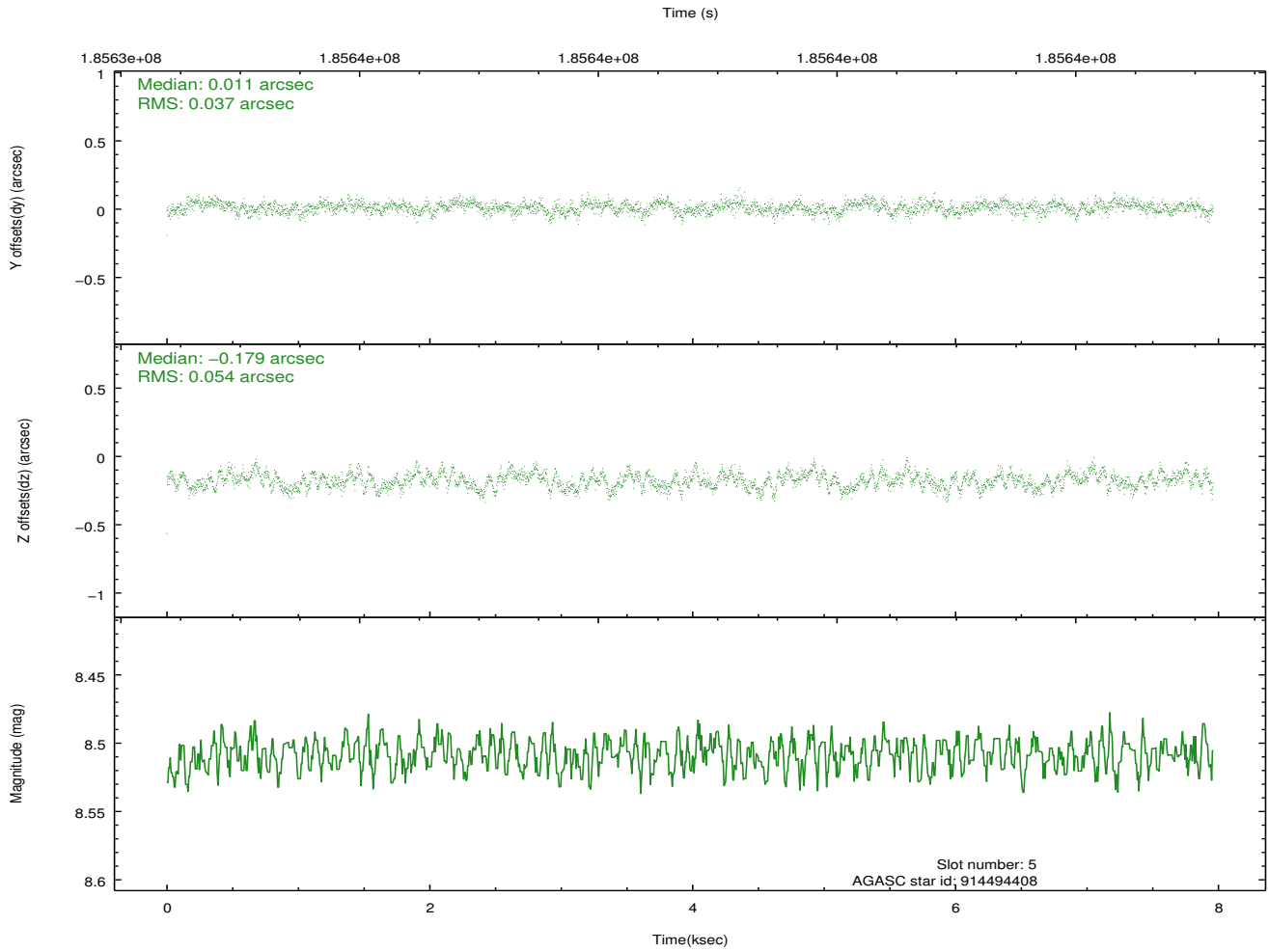
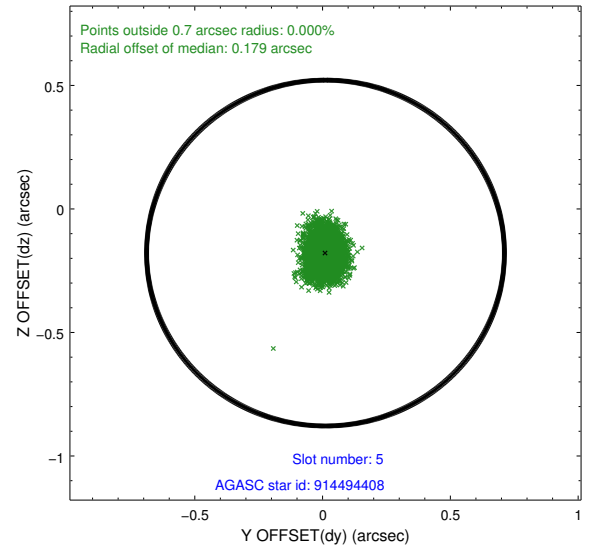
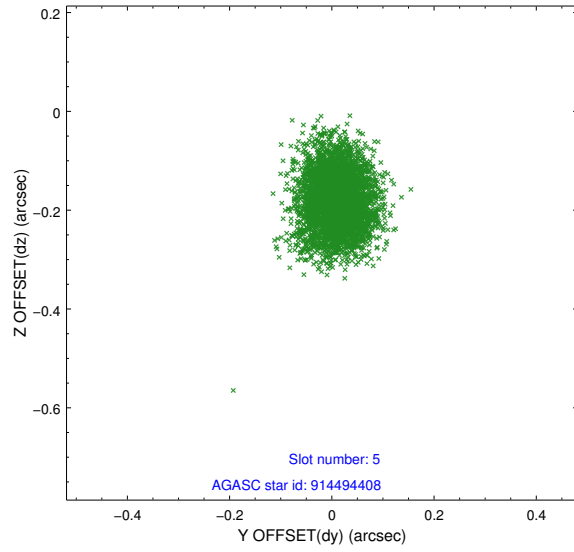
2.4.1 Slot 3



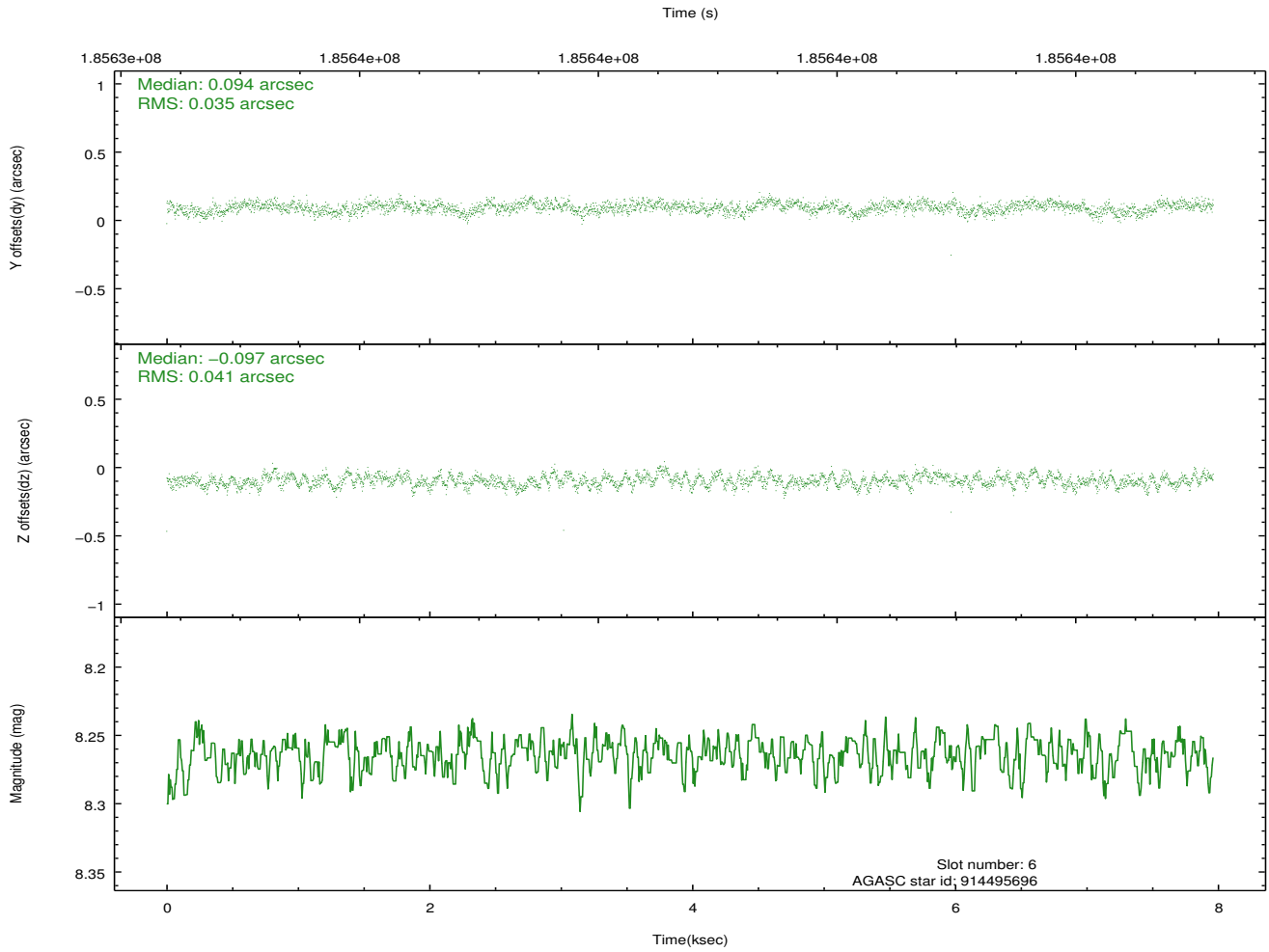
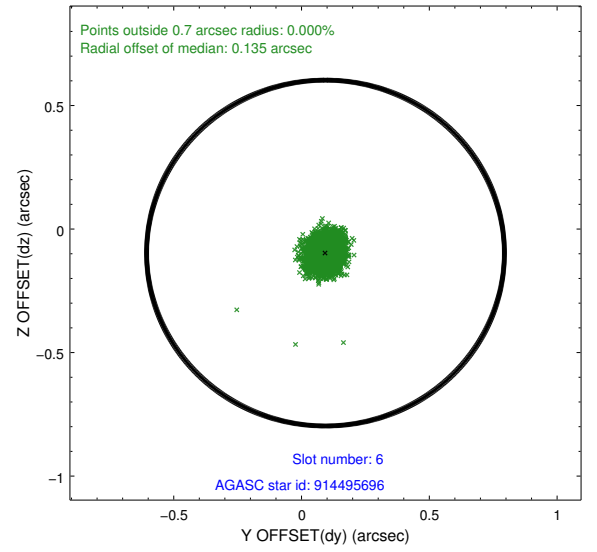
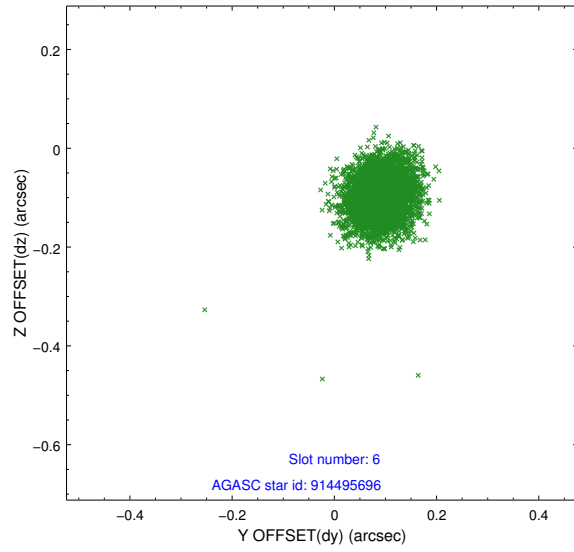
2.4.2 Slot 4



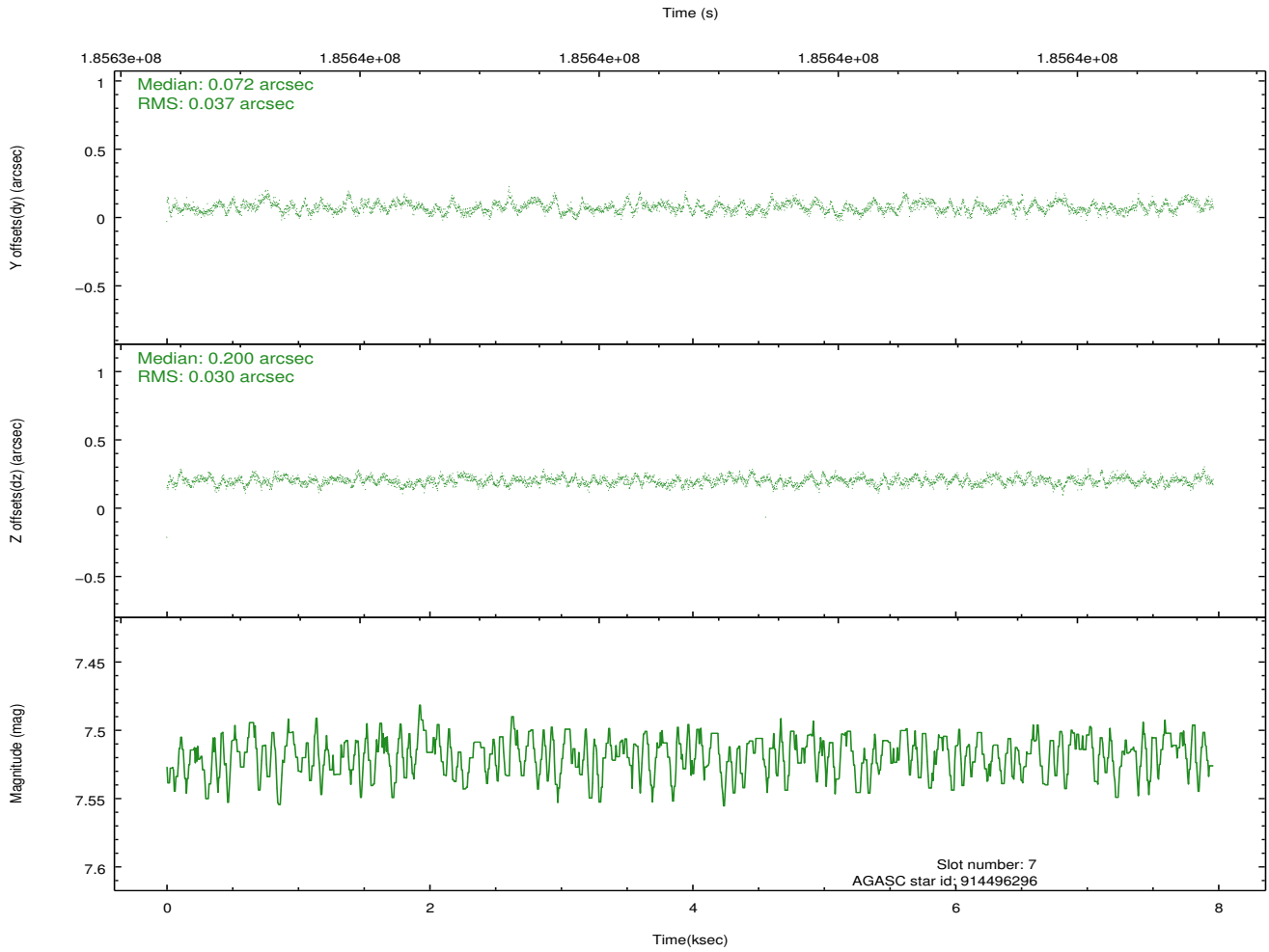
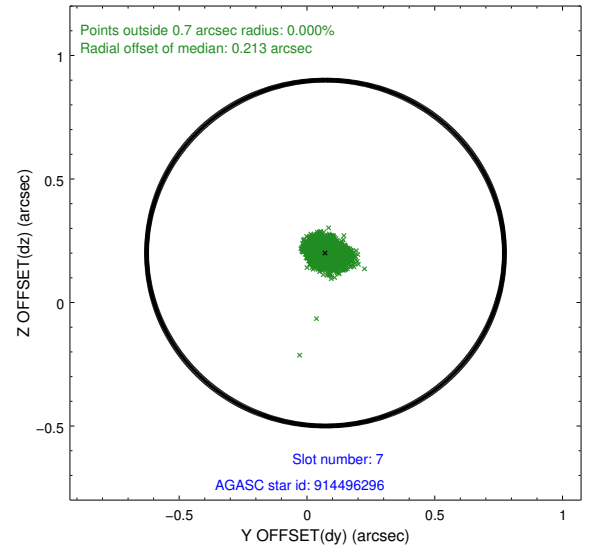
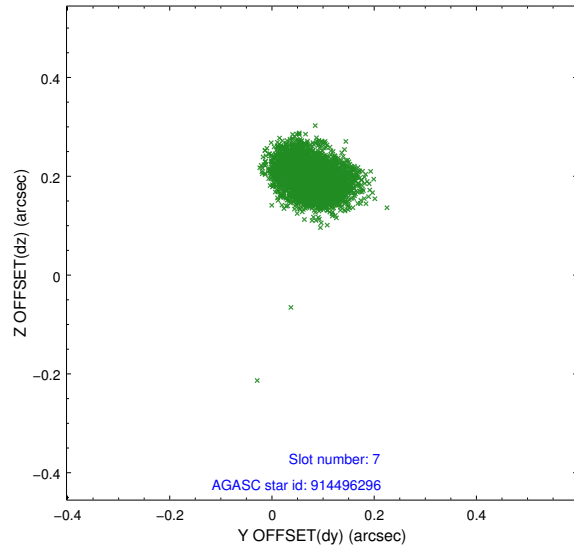
2.4.3 Slot 5



2.4.4 Slot 6

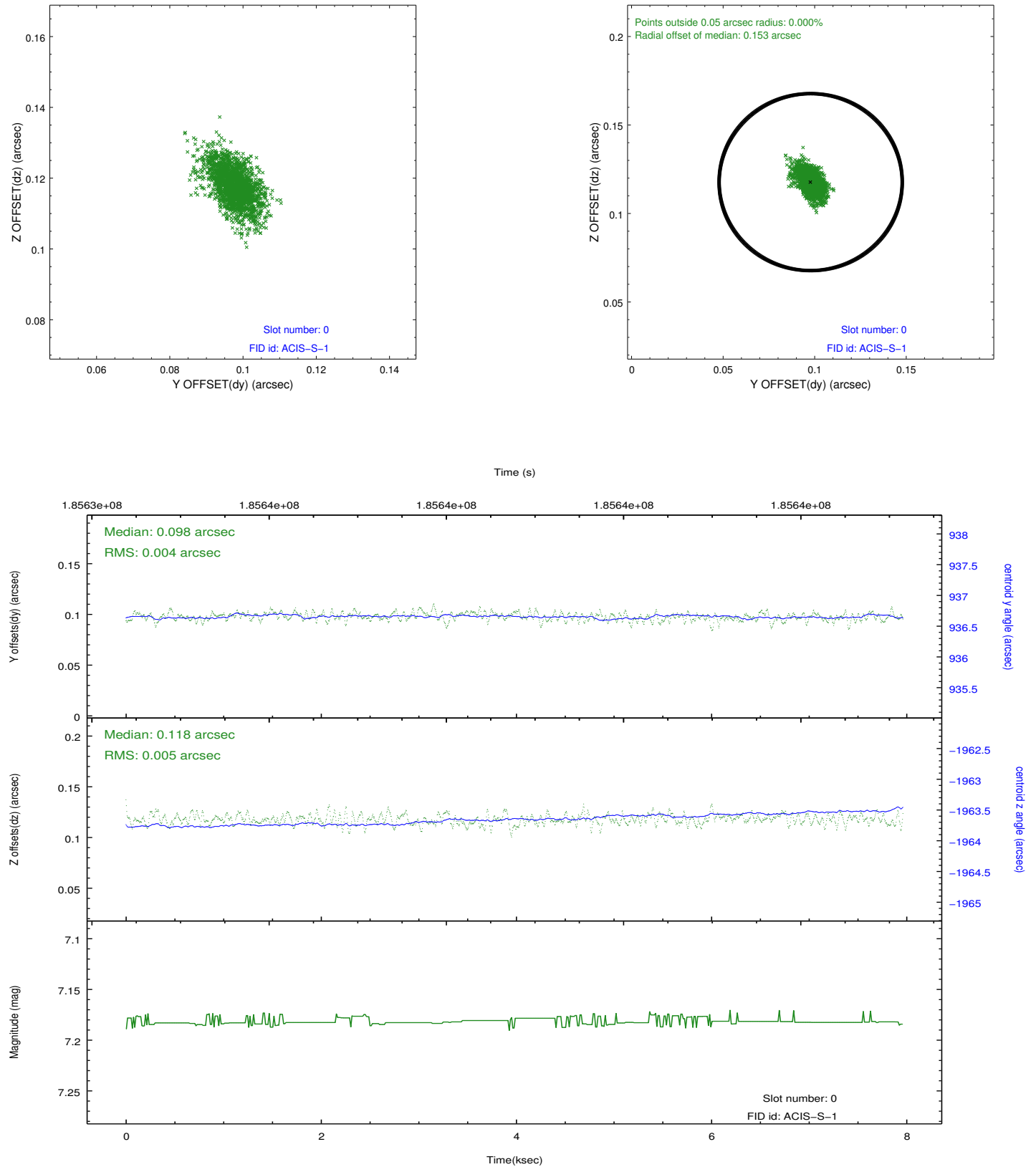


2.4.5 Slot 7

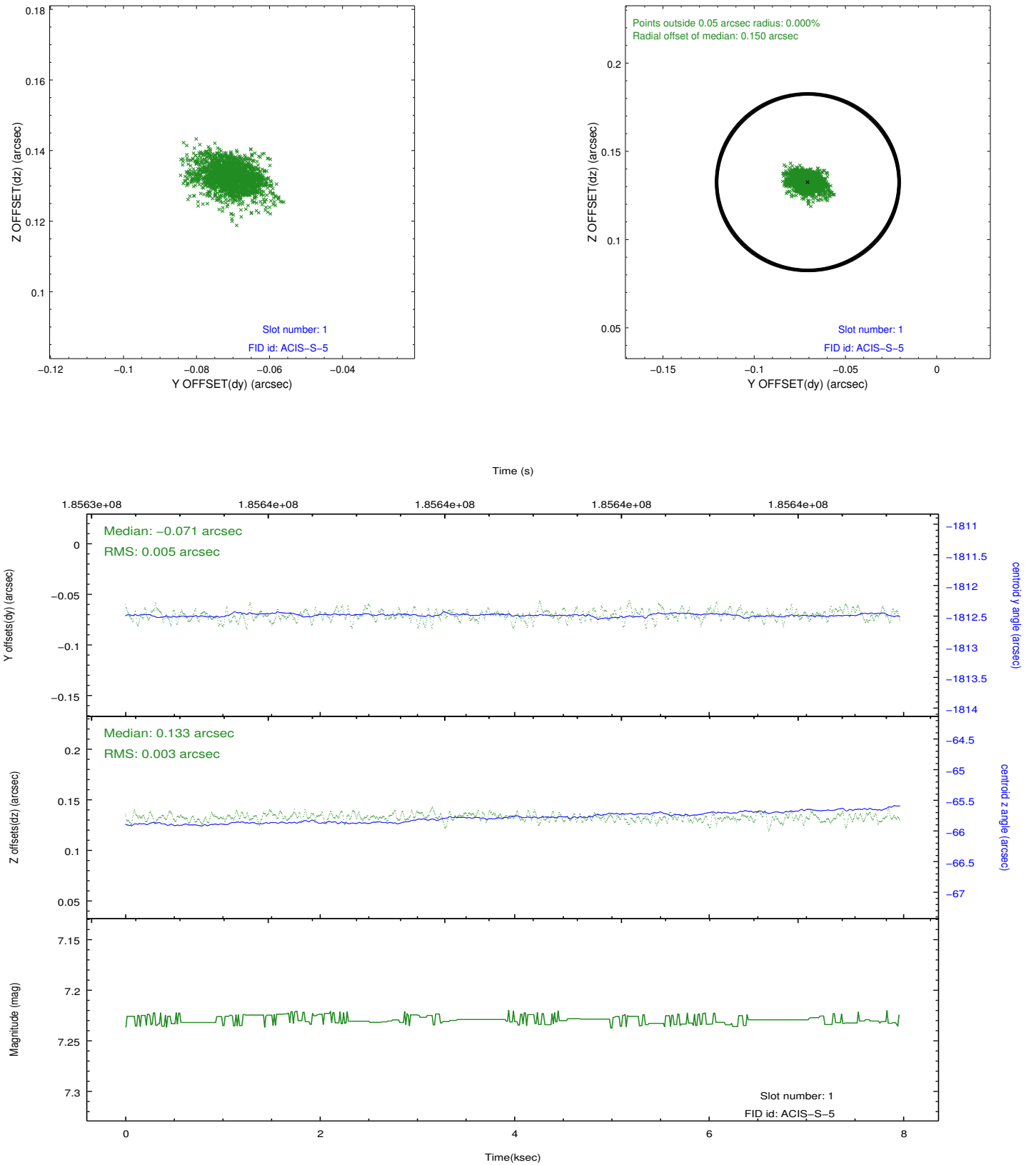


2.5 FID Slots

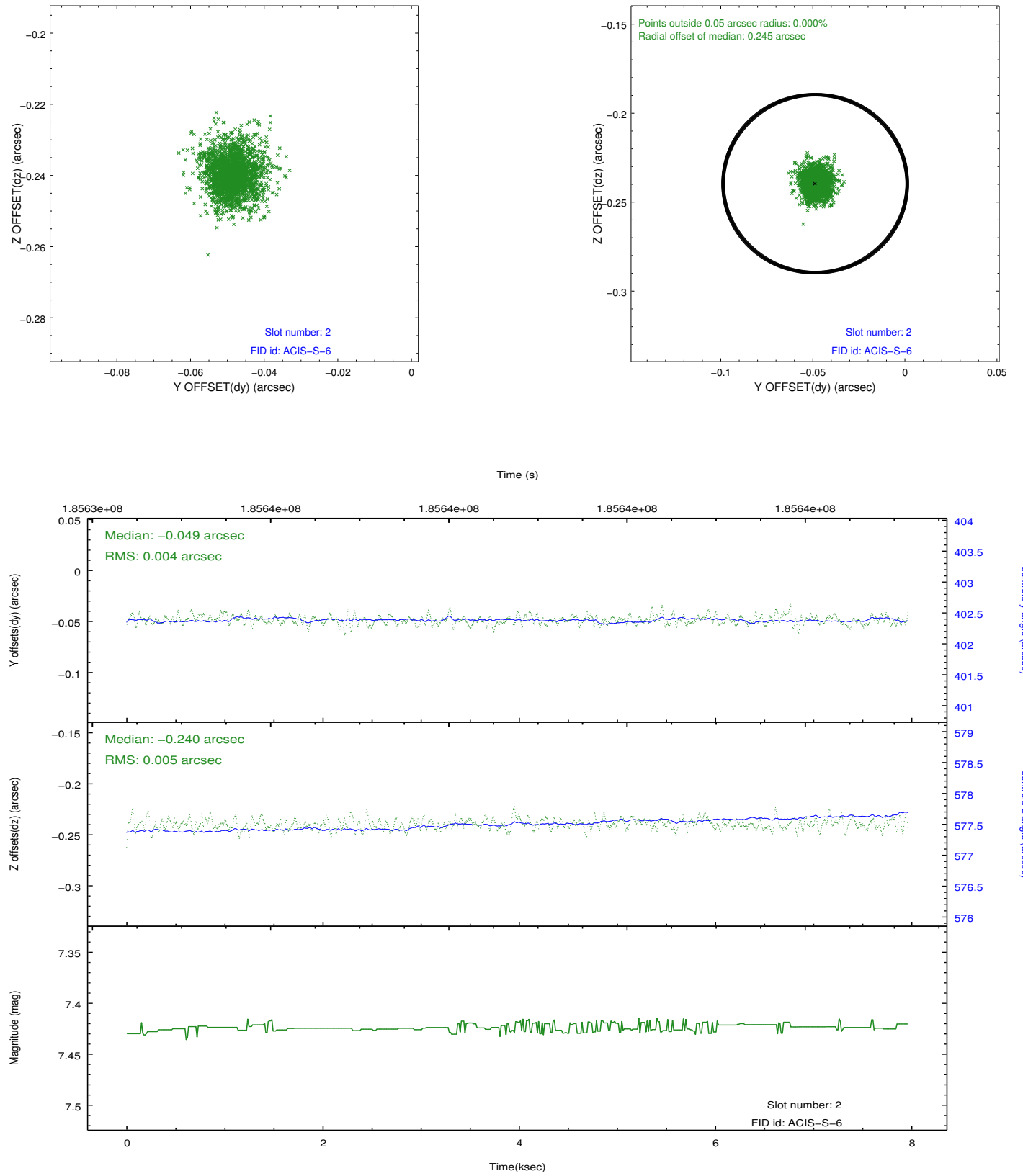
2.5.1 Slot 0



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)	2012.11.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.858

A.2 Comments