

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10280 - L2 Version 2
Chandra X-Ray Center

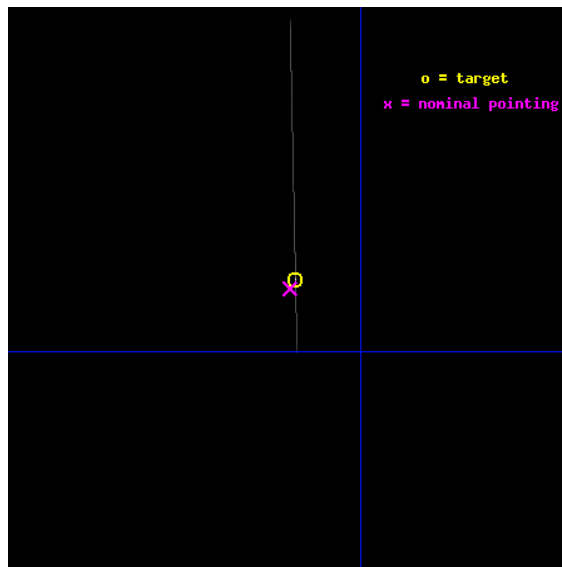
L2 Processing Date : Jun 10 2012

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1 Front

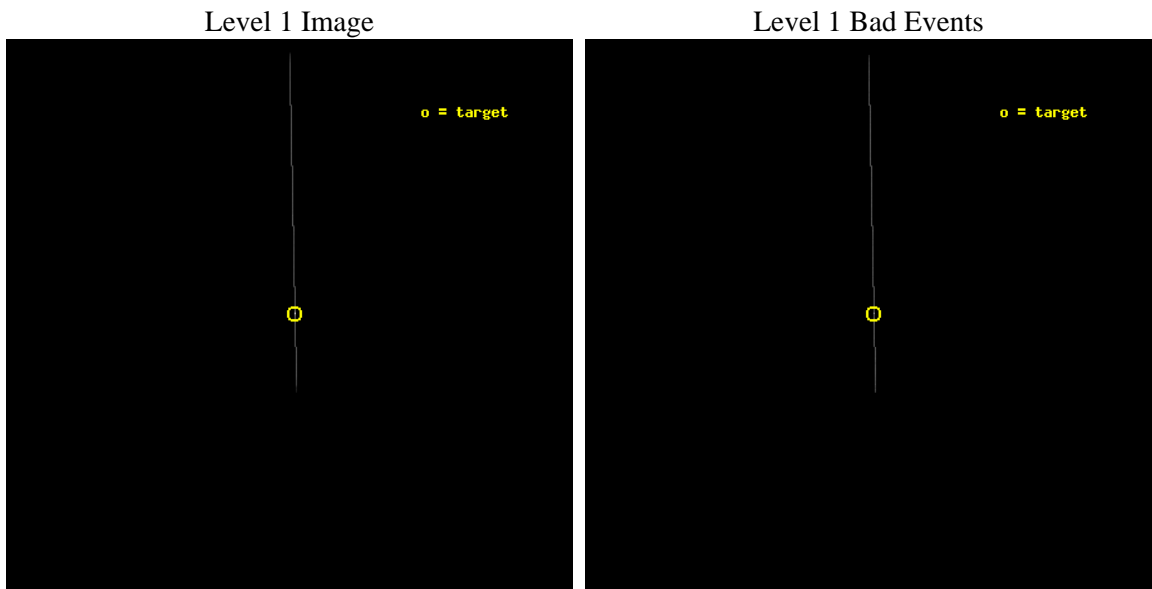
seq_num	701823	Sequence number
obs_id	10280	Observation id
title	The Disk-Jet Connection in Seyfert-1 AGN	Proposal title
observer	Dr Jon Miller	Principal investigator
object	NGC 4051	Source name
ra_targ	180.79	Observer's specified target RA [deg]
dec_targ	44.531333	Observer's specified target Dec [deg]
ra_nom	180.79350181005	Nominal RA [deg]
dec_nom	44.527113230475	Nominal Dec [deg]
roll_nom	268.76800854569	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10183.25	Sum of GTIs [s]
livetime	10143.471679688	Livetime [s]
ontime7	10183.25	Sum of GTIs [s]
l2events	203533	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	10000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	10183.25	Sum of GTIs [s]
caldsver	4.4.10	 	ontime7	10183.25	Sum of GTIs [s]
date	2012-06-10T11:32:09	Date and time of file creation	l1events	226957	Number of level 1 events
revision	2	Processing version of data			

2.1.3 Events

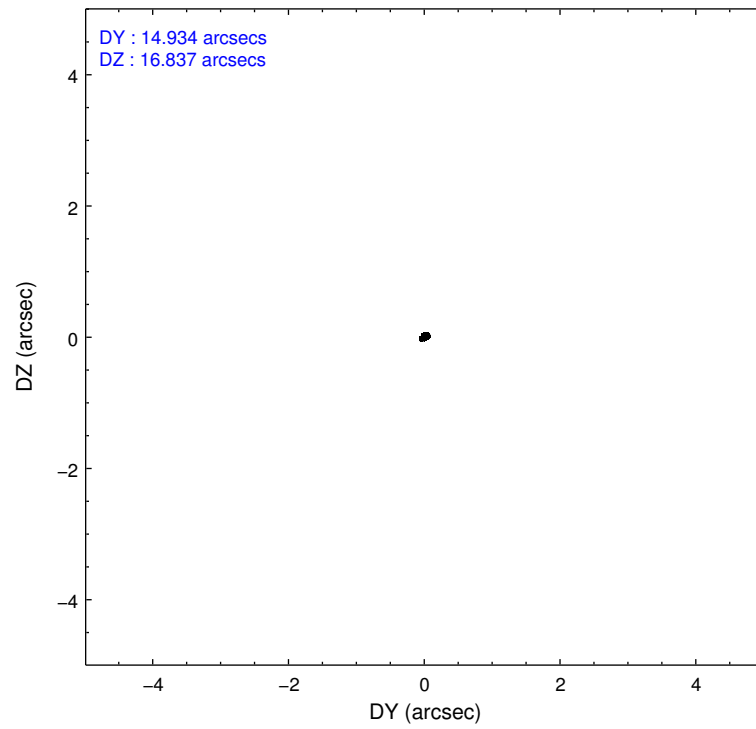
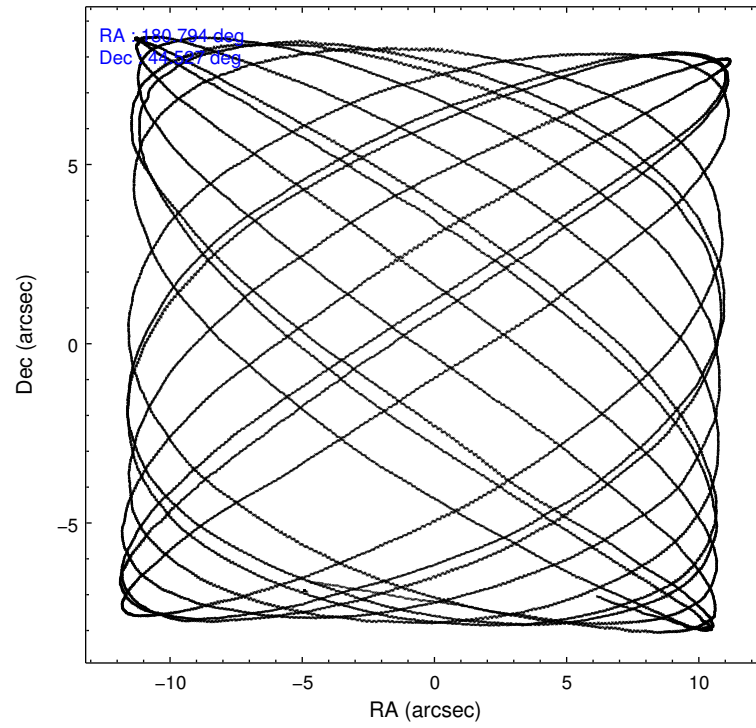
	ccd 7
level 1 events	226957
rejected events	20967
rejected %	9%

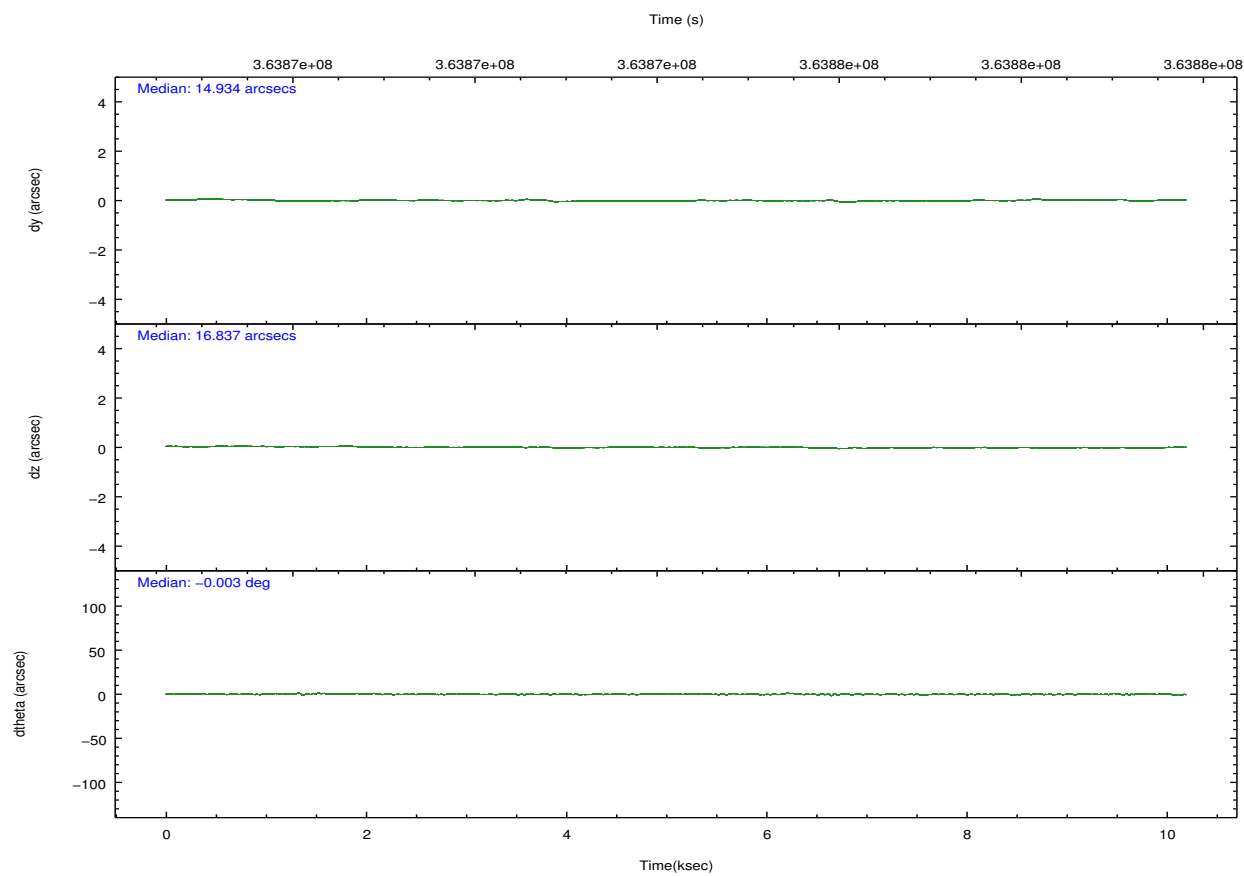
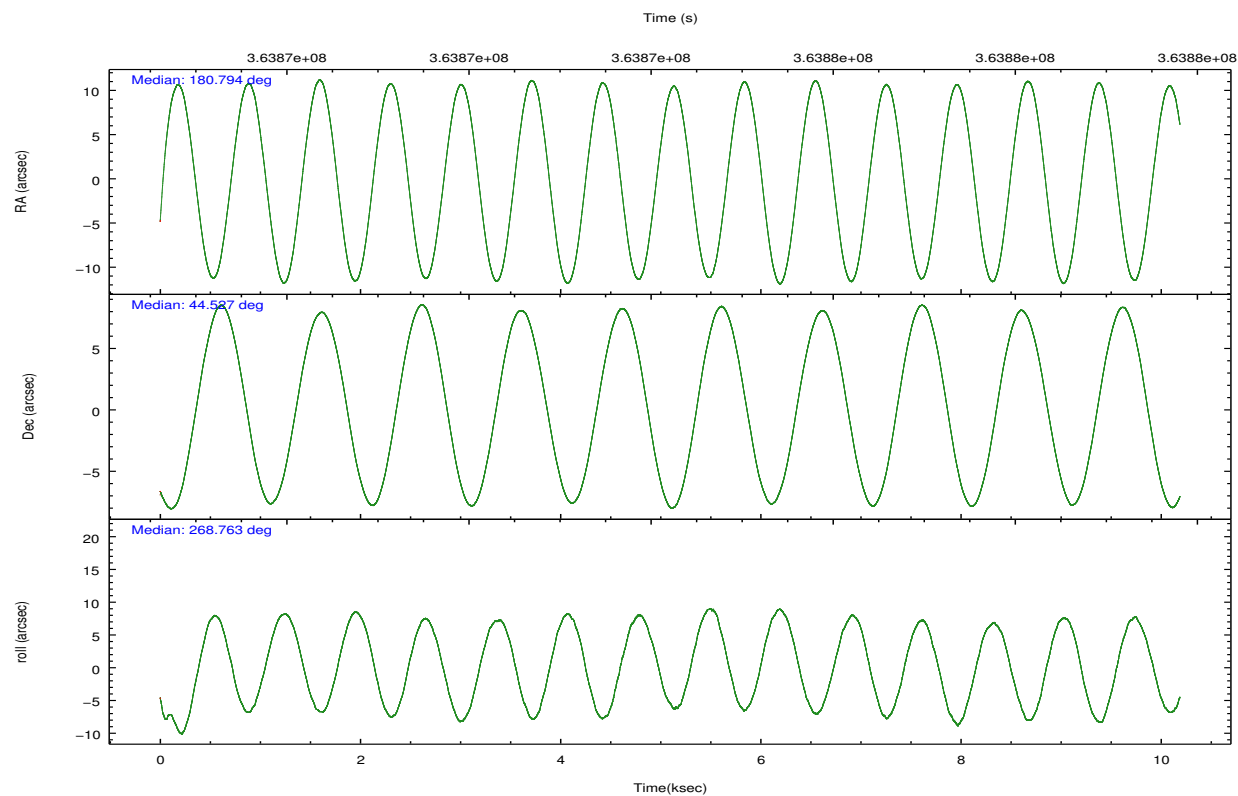
	ccd 7
grade 0 events	54317
	23%
grade 1 events	1006
	0%
grade 2 events	60005
	26%
grade 3 events	15798
	6%
grade 4 events	15426
	6%
grade 5 events	13047
	5%
grade 6 events	67358
	29%
grade 7 events	0
	0%

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	CC33_GRADED	CC33_GRADED	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	180.774525	180.7935018100459	Subarray requested	NONE	NONE
[deg] Pointing Dec	44.550938	44.52711323047502	Alternating exposures requested	N	N
[deg] Pointing Roll	268.624693	268.7680085456918	[s] Primary exposure time	0.000000	0
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	363869307.184000	363868367.49144			
Observation start date	2009-07-13T10:47:21	2009-07-13T10:32:47			
[s] Observation end time (MET)	363879307.184000	363879982.79202			
Observation end date	2009-07-13T13:34:01	2009-07-13T13:46:22			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



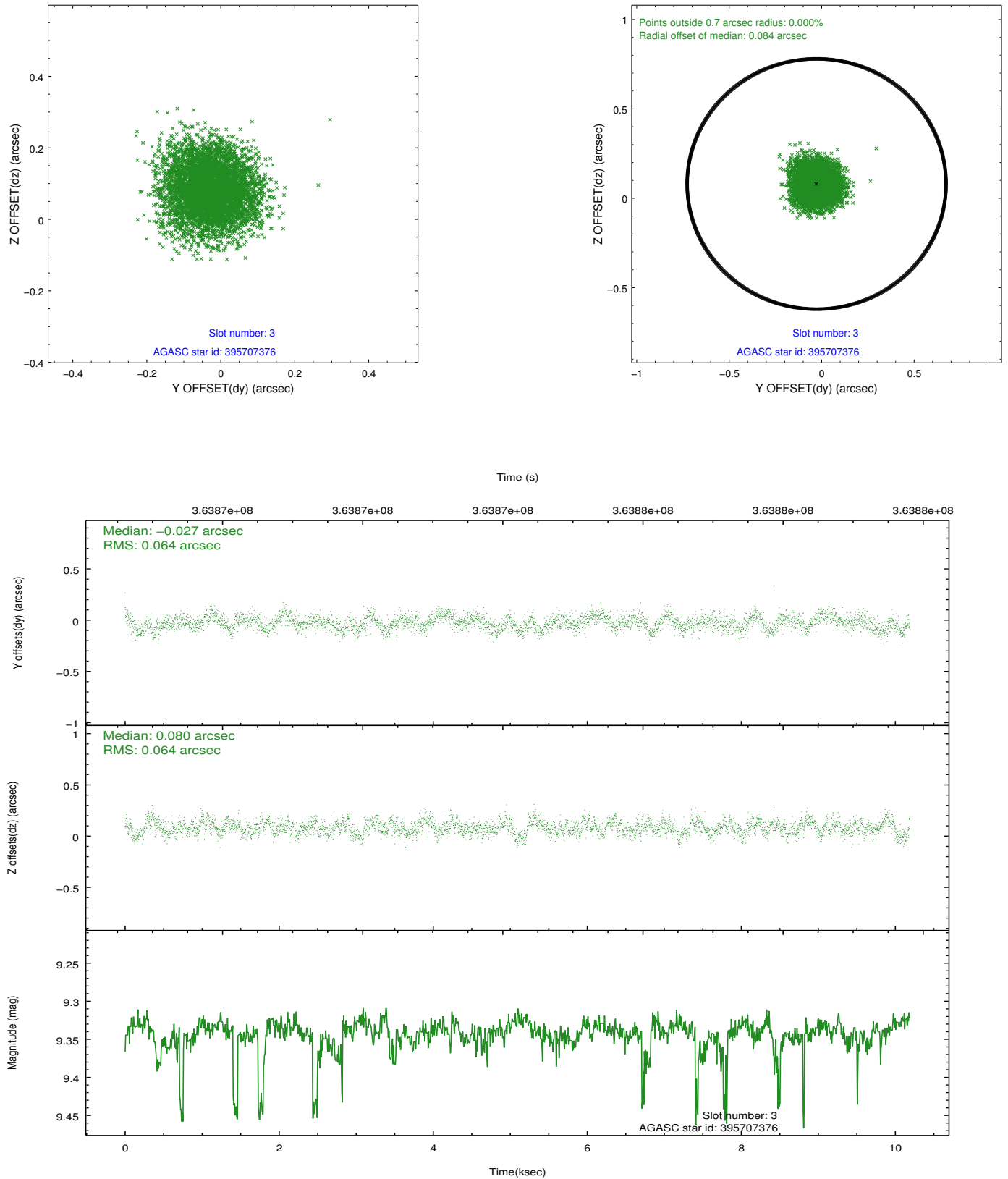


Slot Statistics

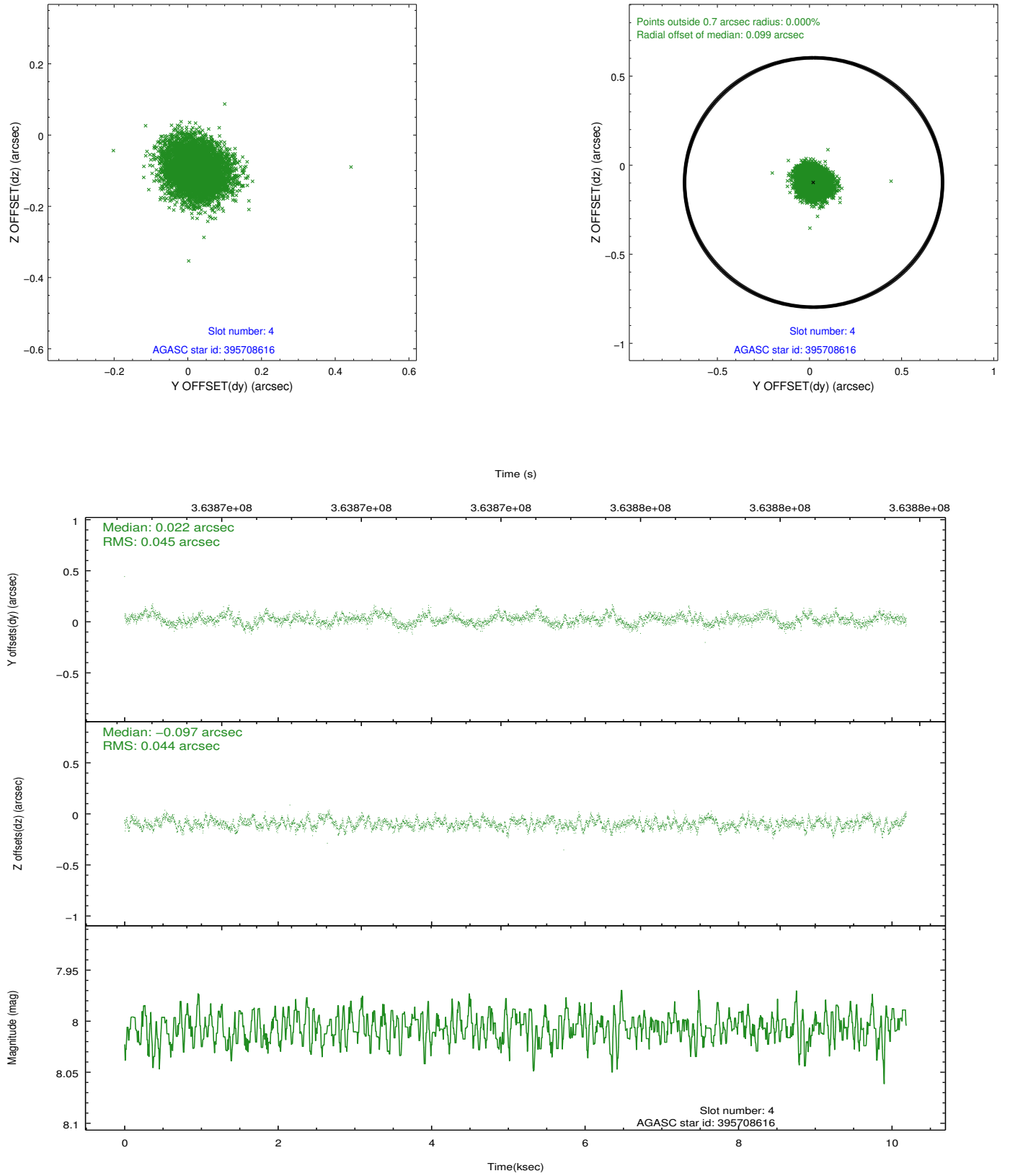
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.87	2486	-0.056	-0.013	0.006	0.010	0.000000	0.000000	-767.99	-1738.27
1	FID	ACIS-S-4	6.95	2486	0.152	0.031	0.005	0.009	0.000000	0.000000	2145.29	169.67
2	FID	ACIS-S-5	6.99	2486	-0.127	-0.009	0.006	0.010	0.000000	0.000000	-1820.21	163.96
3	GUIDE	395707376	9.34	4945	-0.027	0.080	0.097	0.156	180.967983	44.858789	-1119.78	466.76
4	GUIDE	395708616	8.01	4967	0.022	-0.097	0.068	0.106	180.101872	44.630343	-251.32	-1729.79
5	GUIDE	395708696	8.87	4968	0.030	-0.101	0.093	0.154	180.383726	44.624291	-242.00	-1007.92
6	GUIDE	395709608	8.36	4968	-0.129	0.038	0.074	0.127	181.055130	44.450389	343.37	729.41
7	GUIDE	395710032	8.80	4968	0.103	0.091	0.079	0.125	181.512910	44.376001	575.71	1914.59

2.4 Star Slots

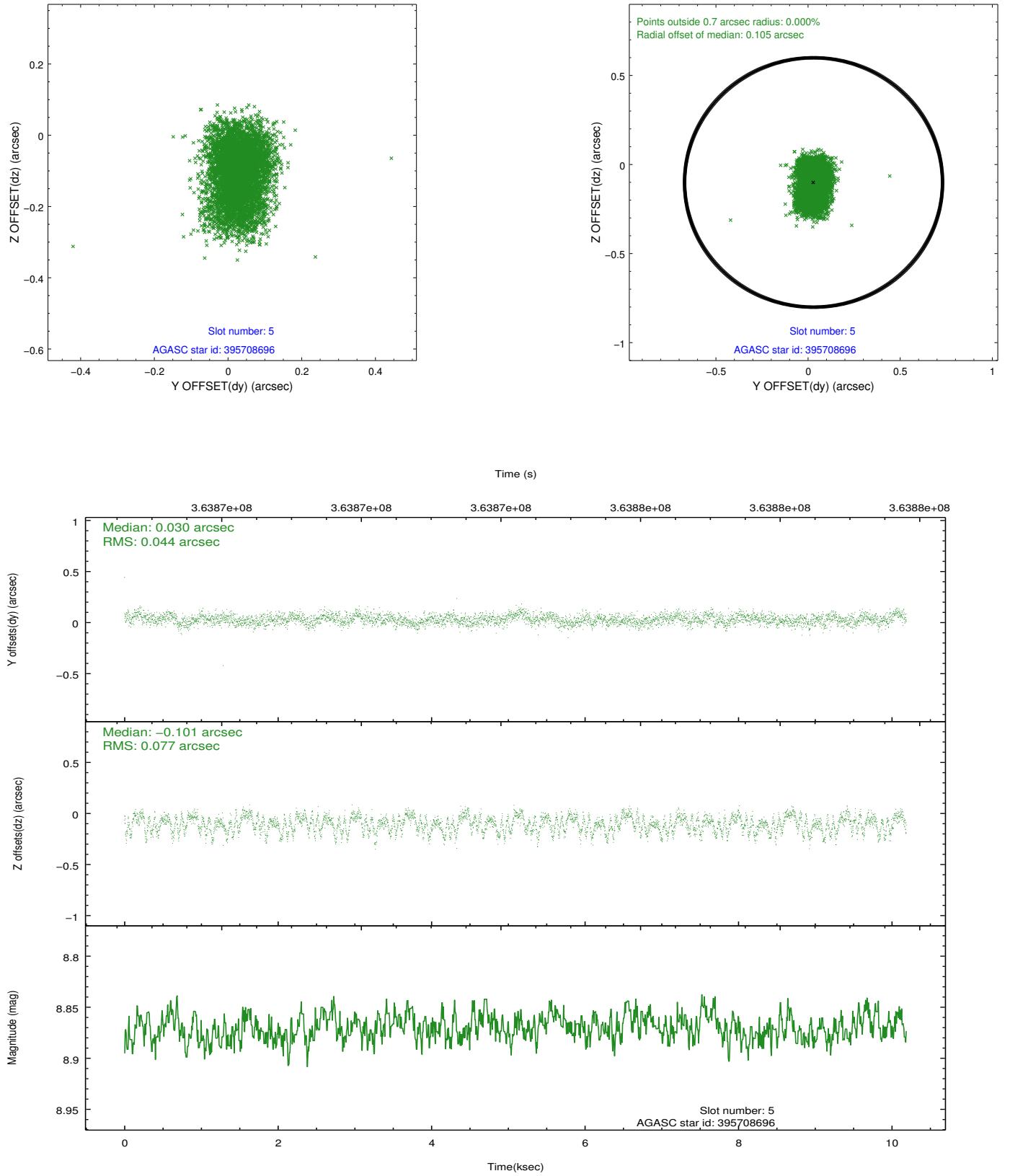
2.4.1 Slot 3



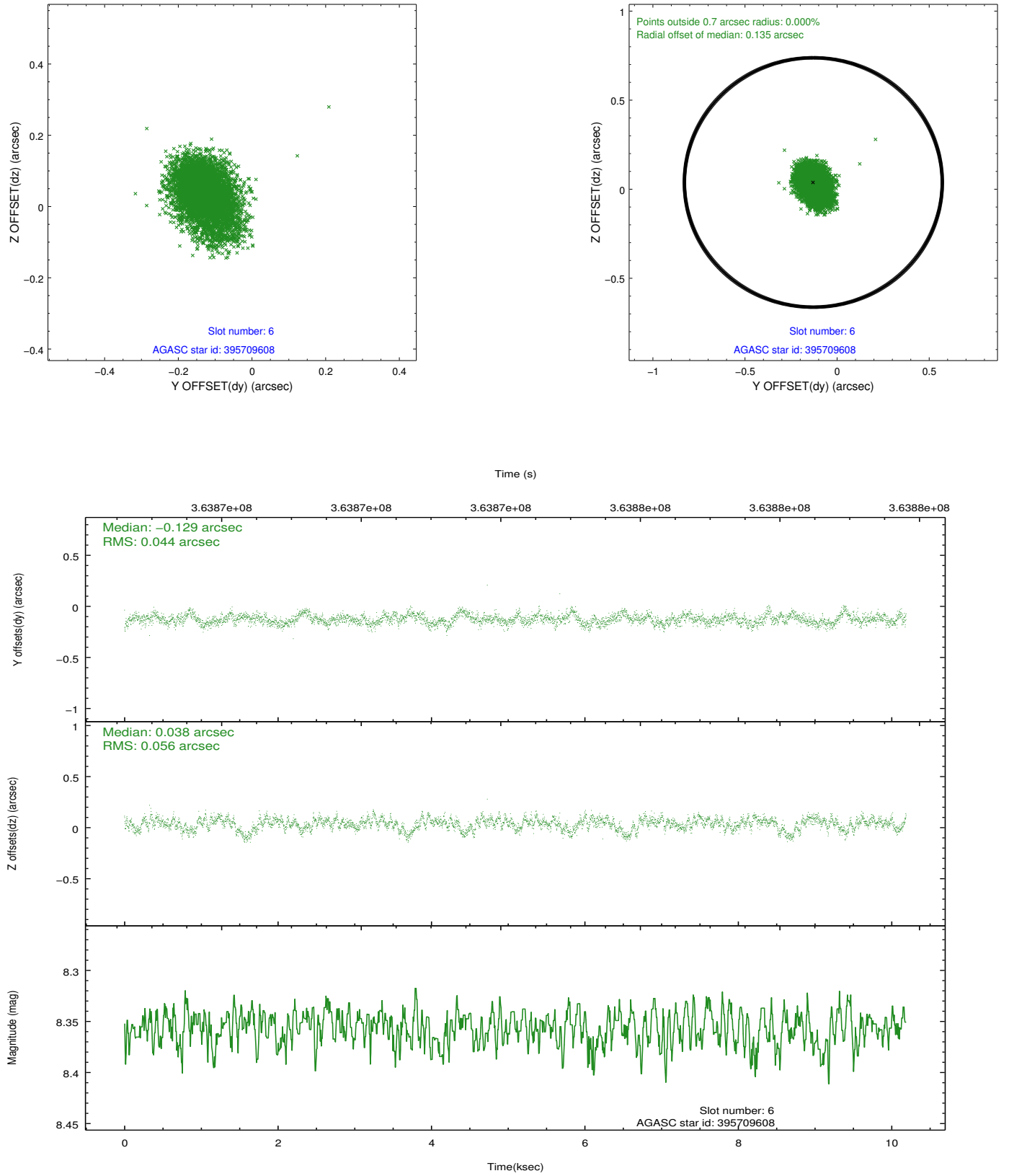
2.4.2 Slot 4



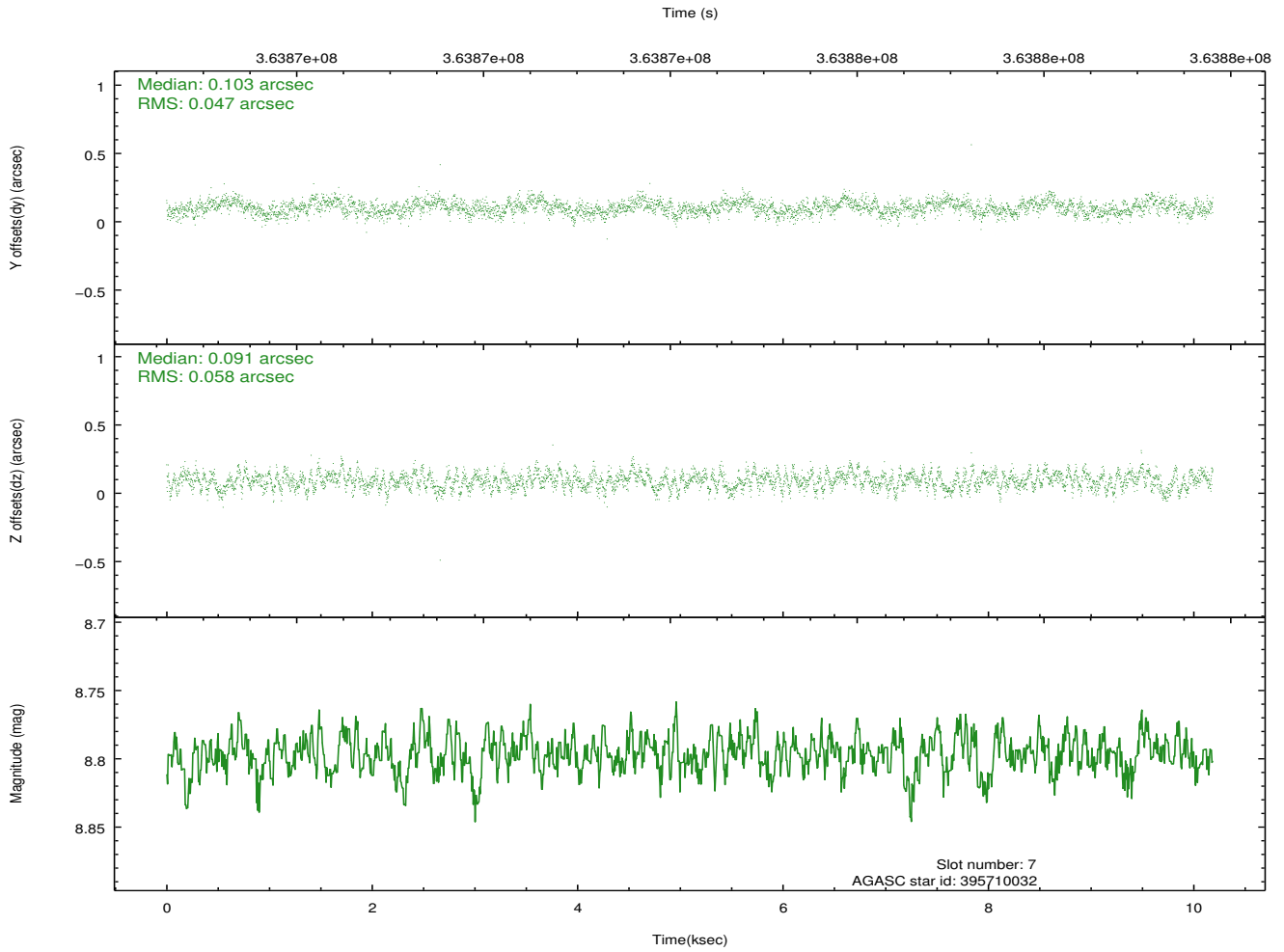
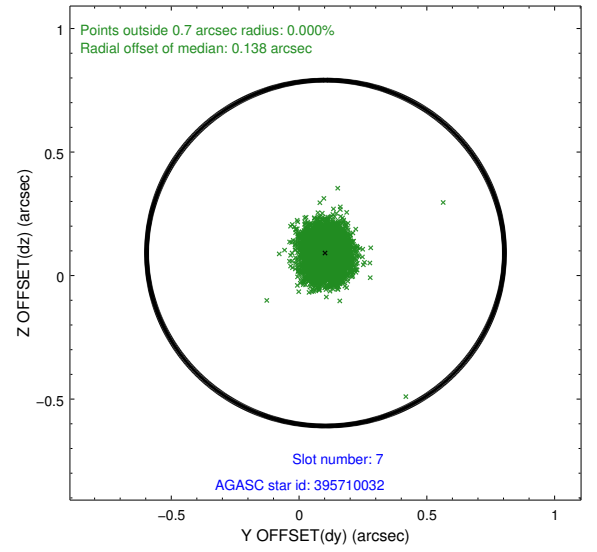
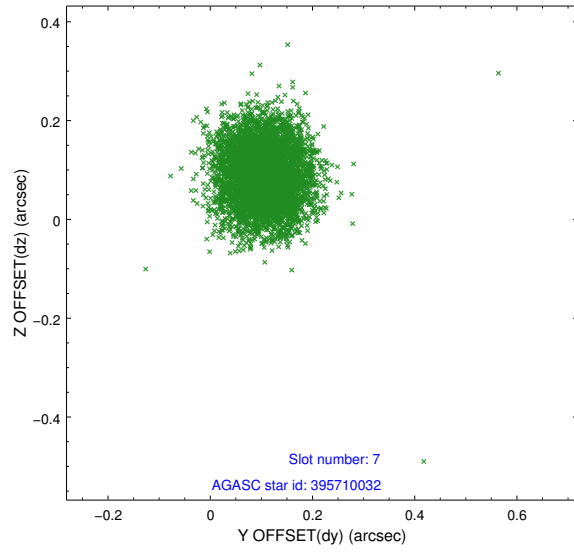
2.4.3 Slot 5



2.4.4 Slot 6

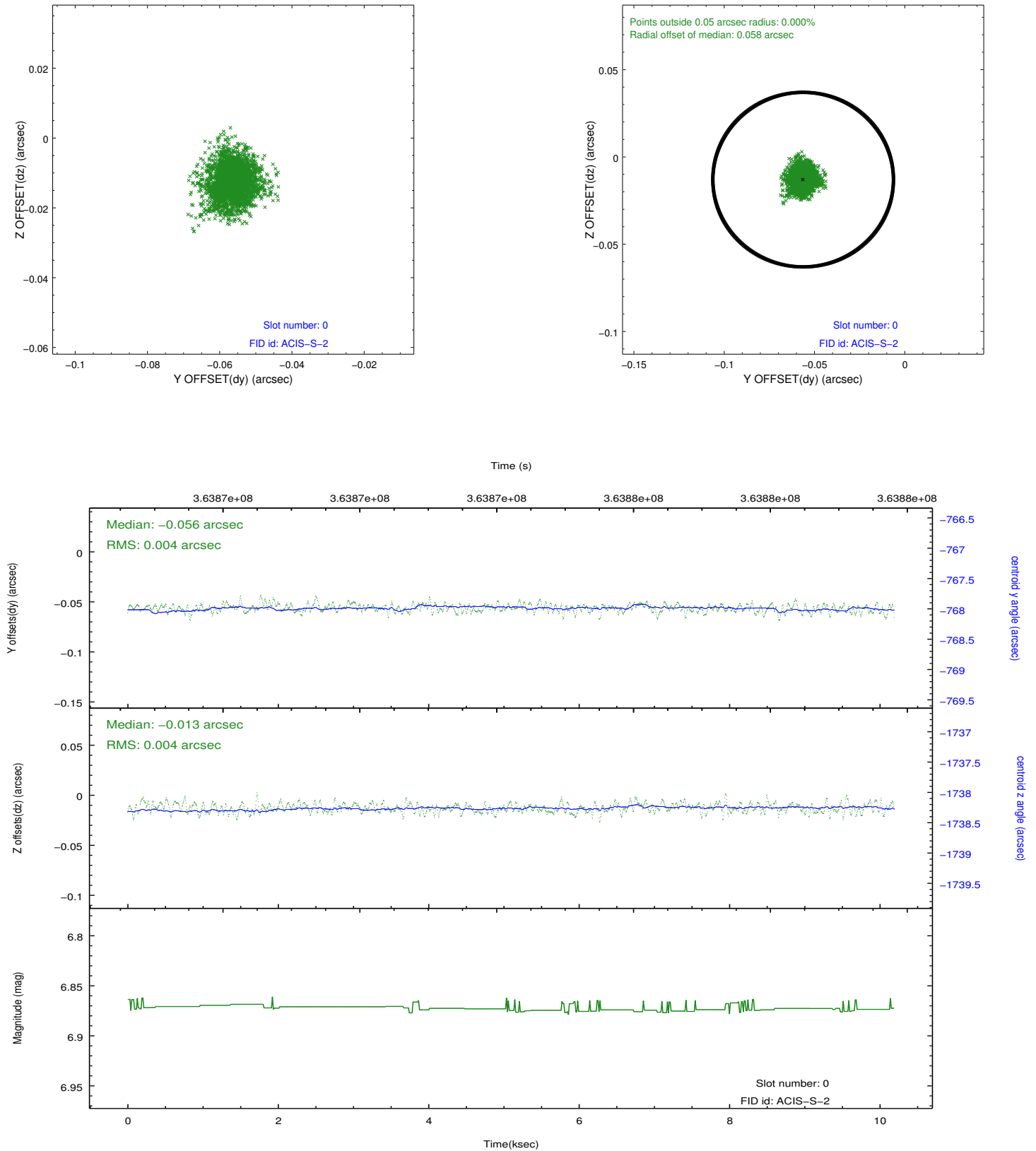


2.4.5 Slot 7

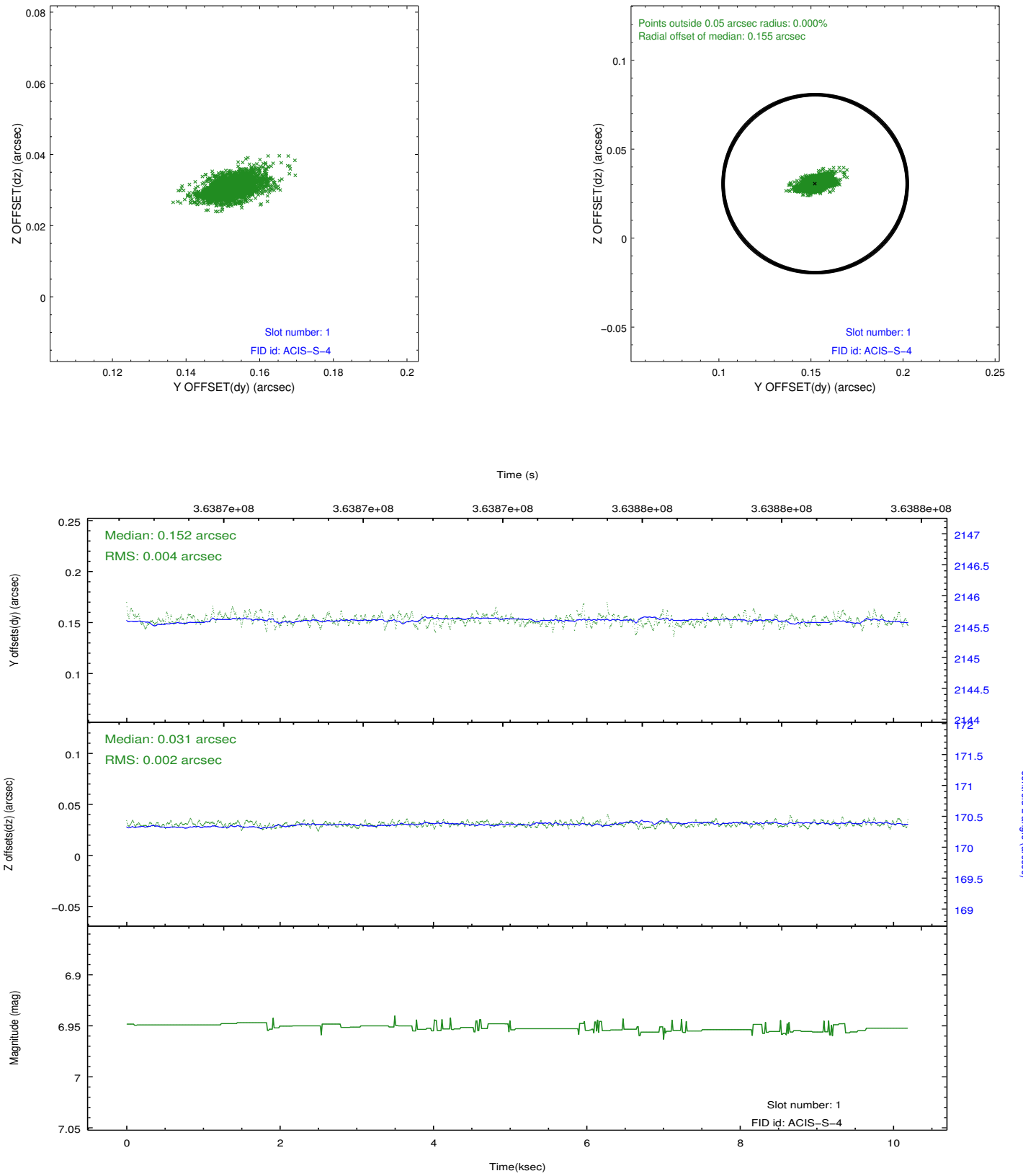


2.5 FID Slots

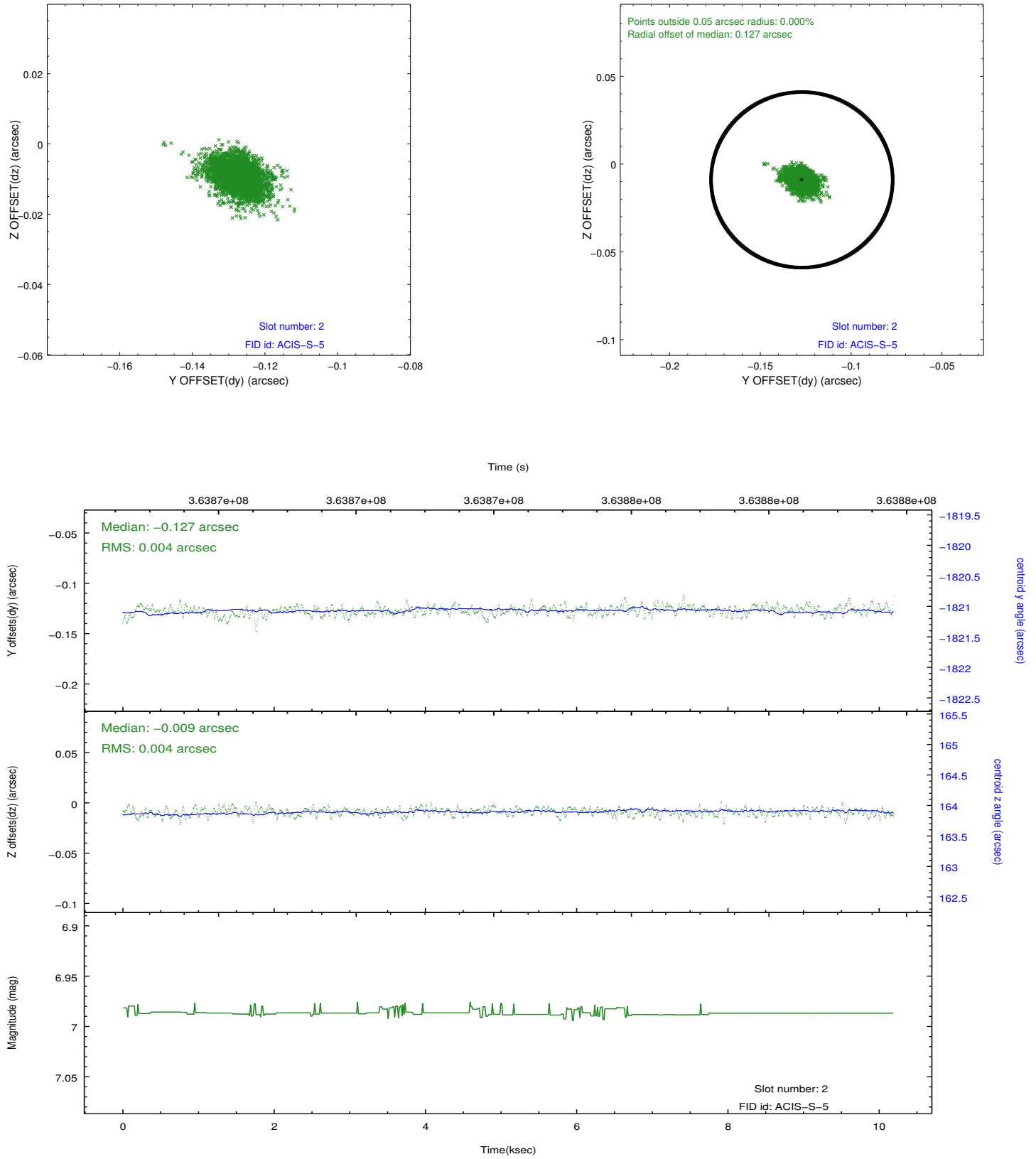
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.06.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.18325

A.2 Comments