

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4673 - L2 Version 3
Chandra X-Ray Center

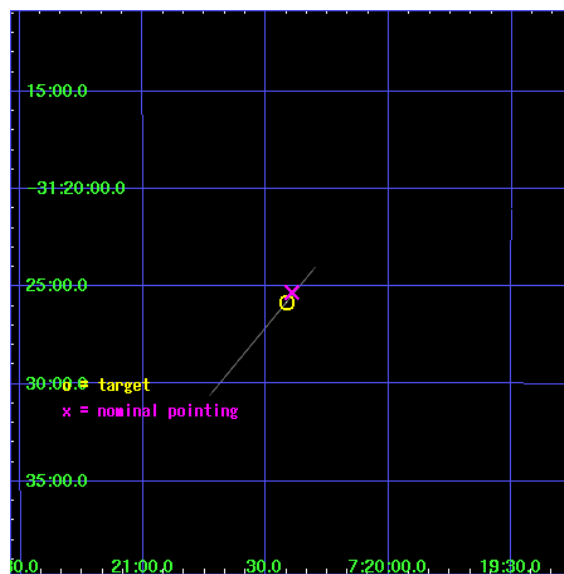
L2 Processing Date : Apr 11 2008

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1 Front

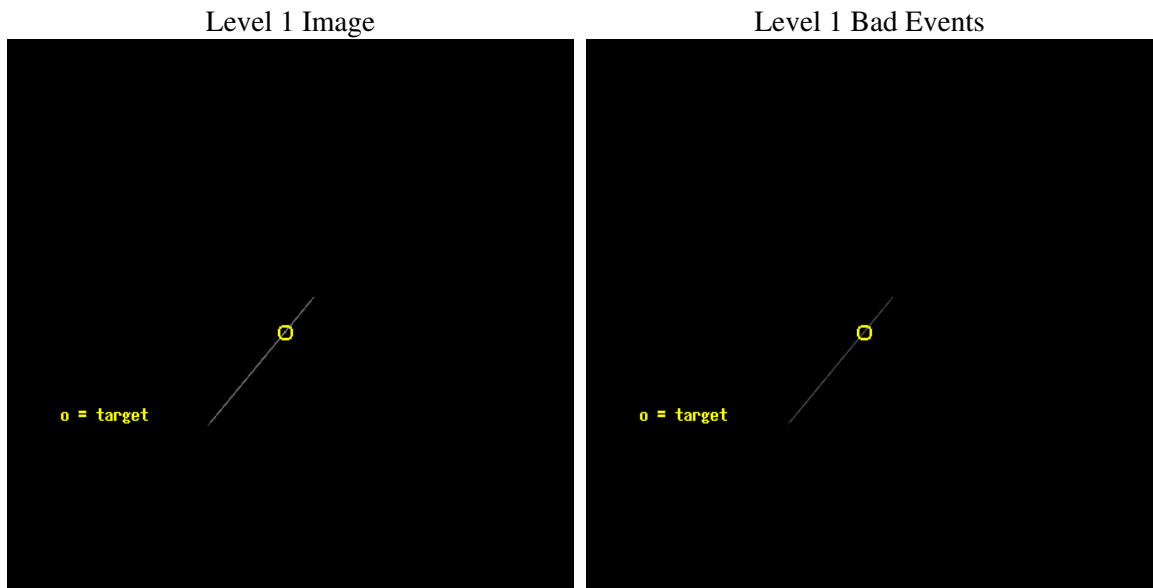
seq_num	500492
obs_id	4673
title	Timing the Enigmatic Nearby Neutron Star RX J0720.4-3125
observer	Dr David Kaplan
object	RX J0720.4-3125
ra_targ	110.104167
dec_targ	-31.430444
ra_nom	110.09852999576
dec_nom	-31.42210862822
roll_nom	129.83657799859
revision	3
ontime	5131.0
livetime	5110.95703125
ontime7	5131.0
l2events	28498



2 OBI

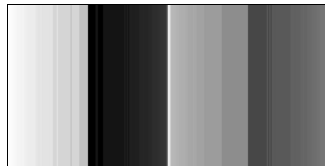
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1
ascdsver	7.6.11.6
caldbver	3.4.4
date	2008-04-11T21:42:15
revision	3

sched_exp_time	5000.000000
ontime	5131.0
ontime7	5131.0
l1events	38774

2.1.4 Events

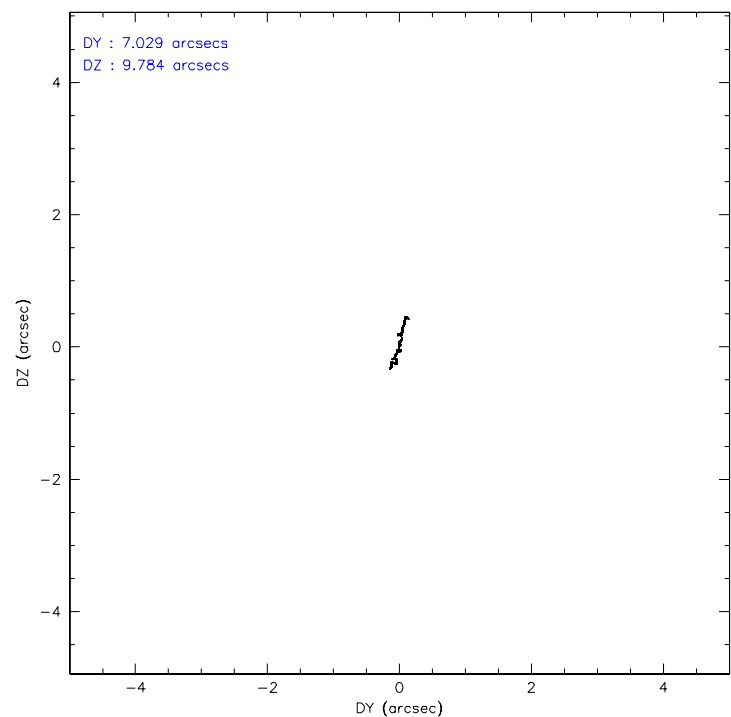
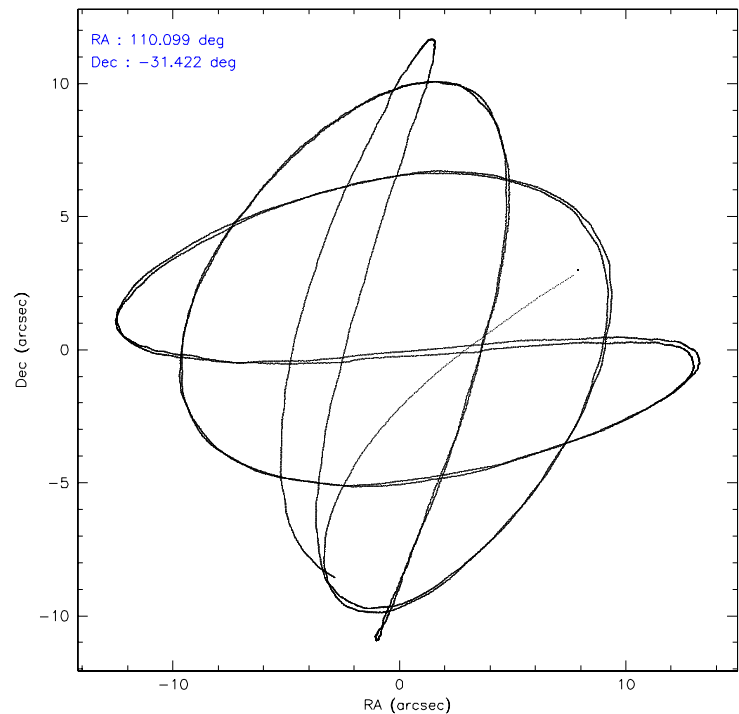
	ccd 7
level 1 events	38774
rejected events	9407
rejected %	24%

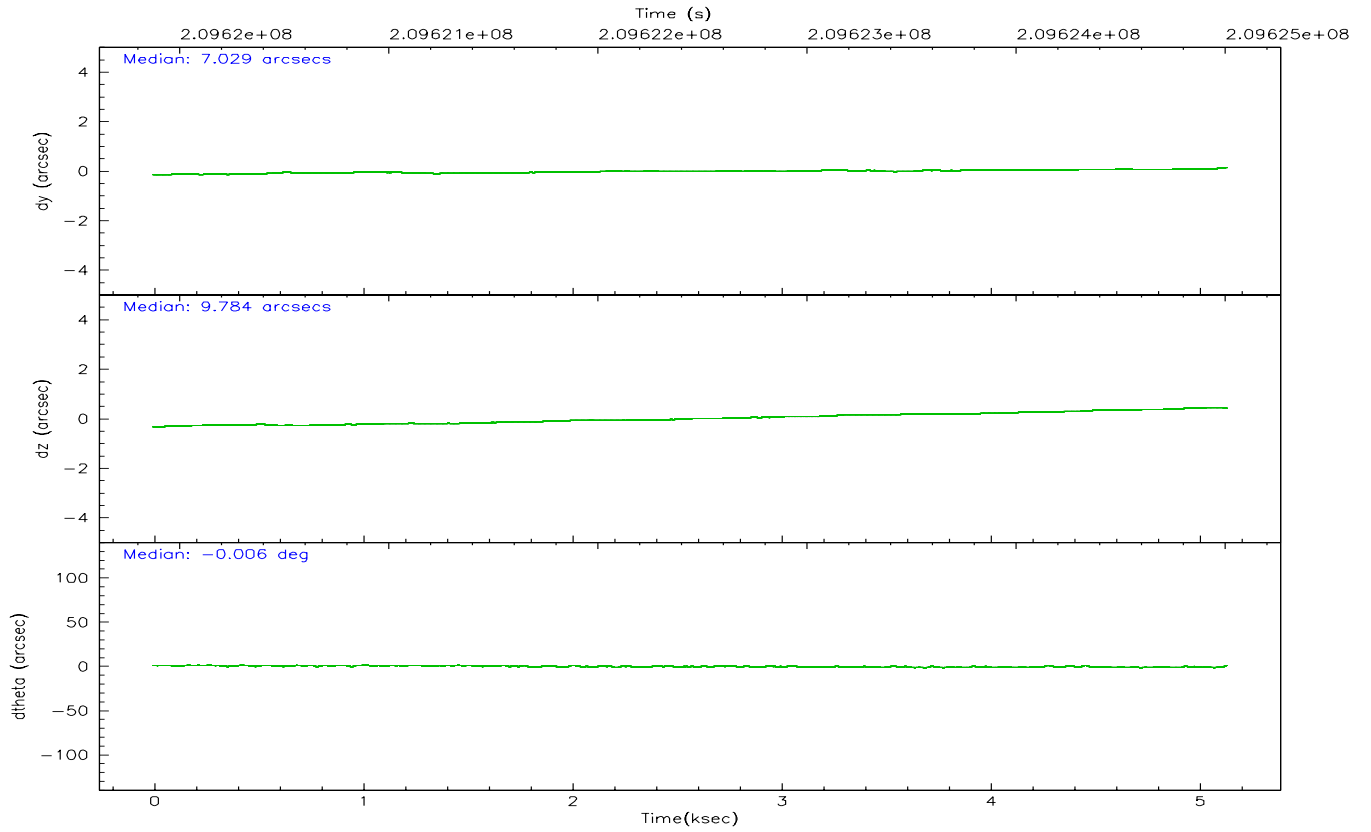
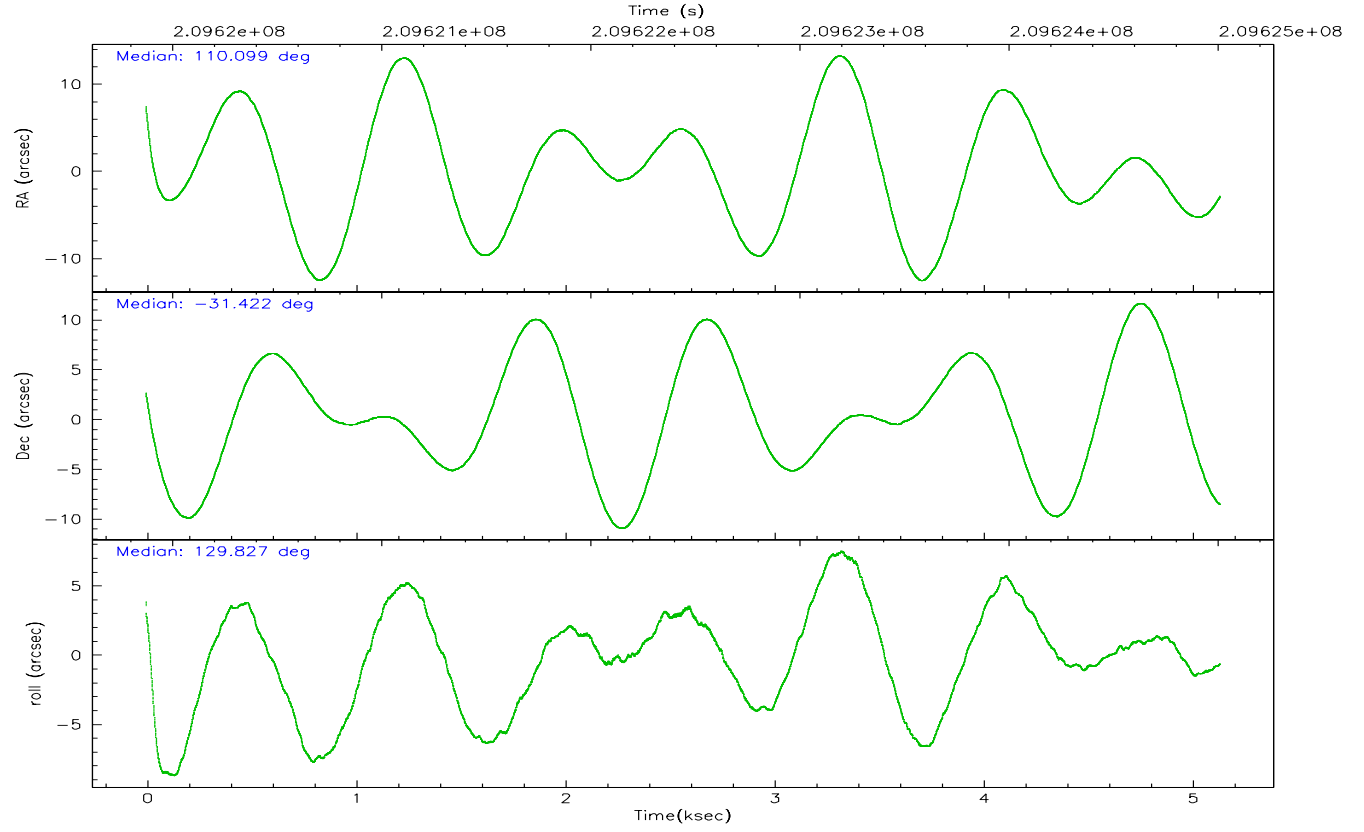
	ccd 7
grade 0 events	7654
	19%
grade 1 events	92
	0%
grade 2 events	8046
	20%
grade 3 events	2542
	6%
grade 4 events	2544
	6%
grade 5 events	4836
	12%
grade 6 events	13060
	33%
grade 7 events	0
	0%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	CC33_FAINT	CC33_FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	110.128652	110.0985299957571	Alternating exposures requested	N	N
Pointing Dec	-31.431082	-31.42210862822014	Primary exposure time	0.000000	0
Pointing Roll	129.695648	129.8365779985944			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	209620000.184000	209618782.06796			
Observation start date	2004-08-23T03:45:36	2004-08-23T03:26:22			
Observation end time	209625000.184000	209625876.09328			
Observation end date	2004-08-23T05:08:56	2004-08-23T05:24:36			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



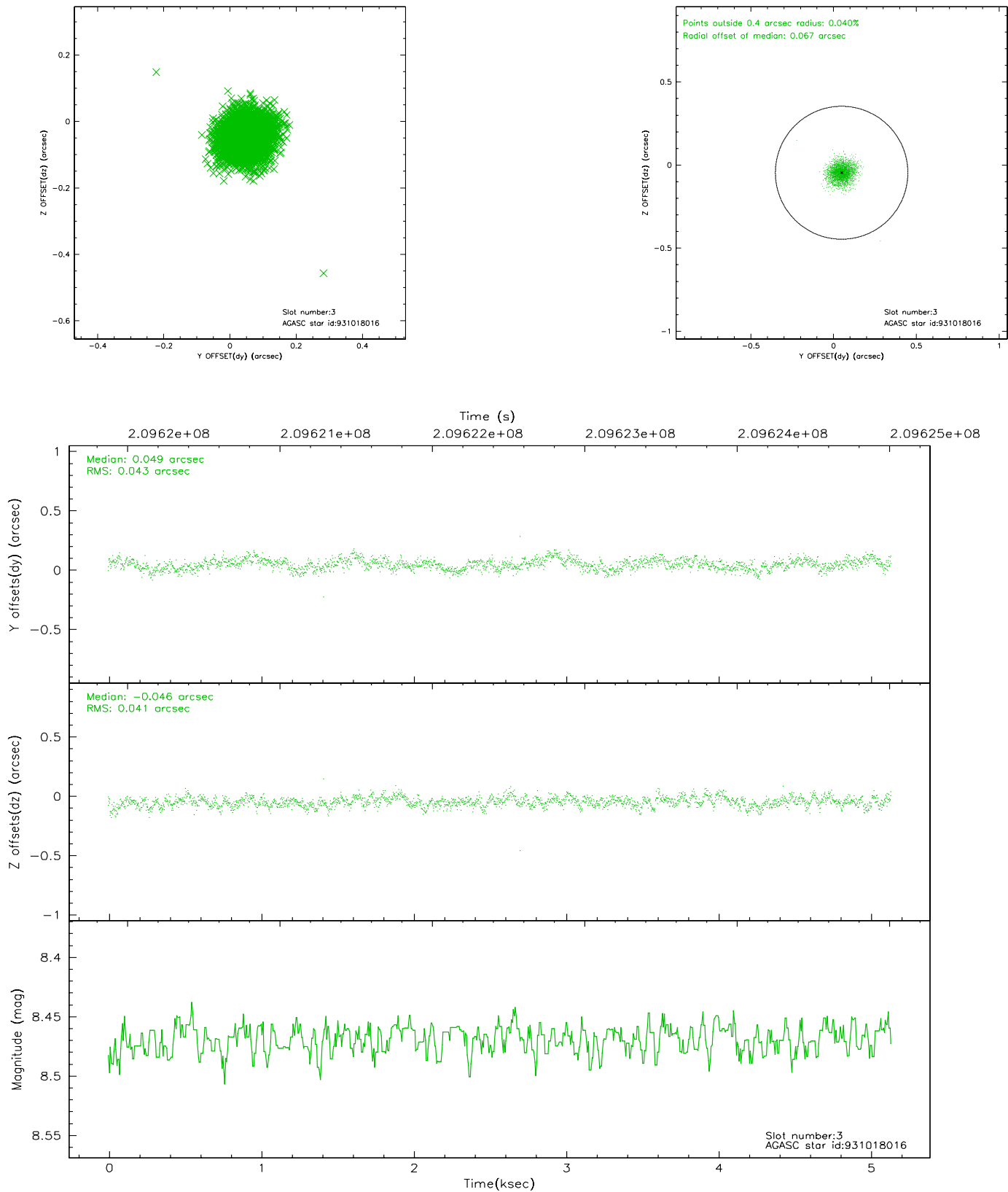


Slot Statistics

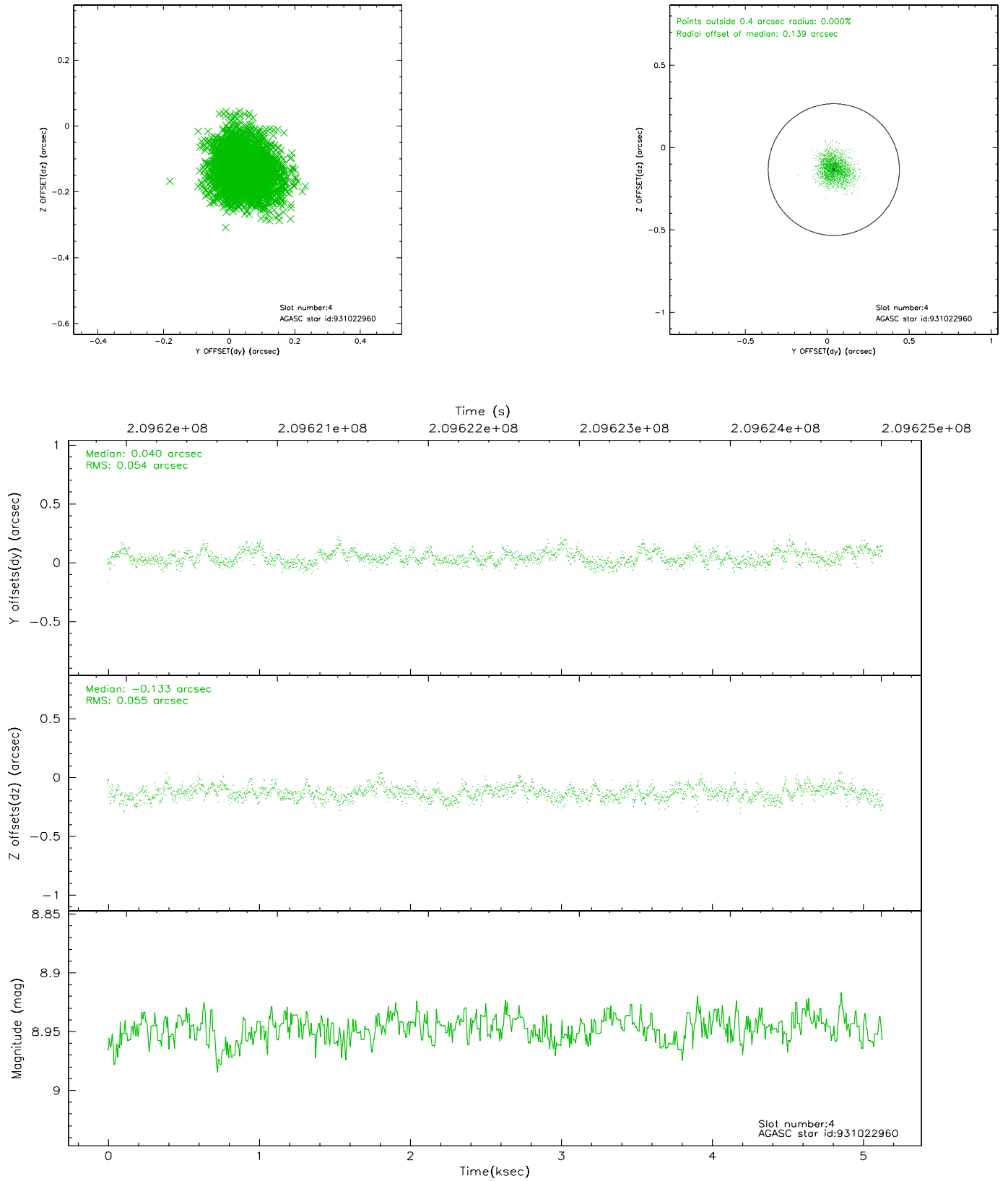
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	1253	0.007	0.004	0.012	0.019	0.000000	0.000000	936.28	-1726.67
1	FID	ACIS-S-5	7.24	1254	-0.024	0.014	0.007	0.011	0.000000	0.000000	-1812.09	169.67
2	FID	ACIS-S-6	7.34	1253	-0.004	-0.007	0.015	0.024	0.000000	0.000000	400.54	814.95
3	GUIDE	931018016	8.47	2507	0.049	-0.046	0.063	0.101	109.684535	-31.226562	1437.82	583.58
4	GUIDE	931022960	8.95	2506	0.040	-0.133	0.082	0.132	109.733092	-31.864448	-429.11	1928.33
5	GUIDE	931160352	8.63	2506	0.006	0.175	0.080	0.126	110.268138	-30.864891	1293.33	-1632.38
6	GUIDE	931163512	8.45	2507	-0.018	0.141	0.097	0.157	110.894384	-31.299941	-1146.42	-2109.55
7	GUIDE	931019296	8.67	2505	-0.070	-0.136	0.094	0.151	109.471771	-31.694370	550.44	2156.71

2.4 Star Slots

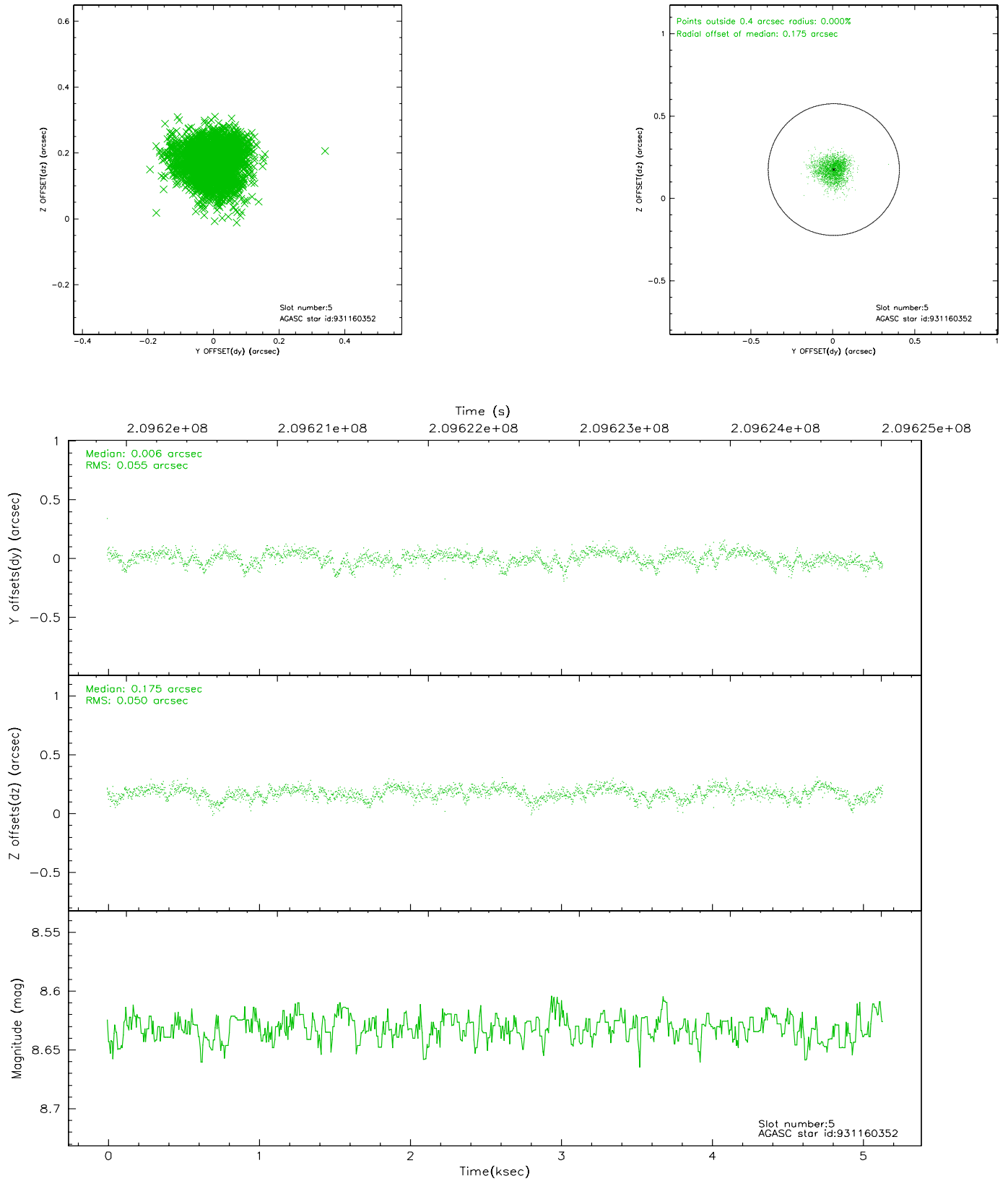
2.4.1 Slot 3



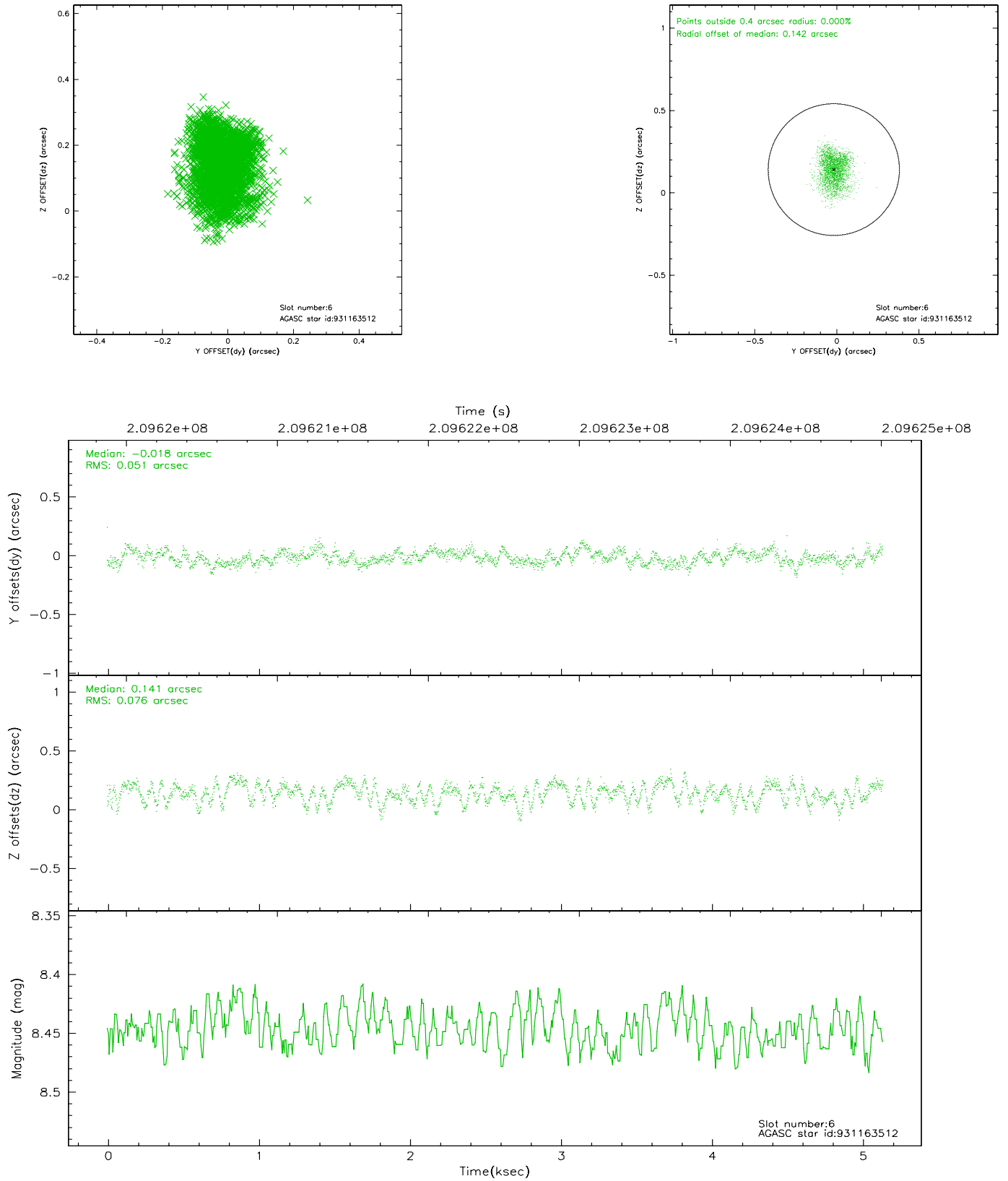
2.4.2 Slot 4



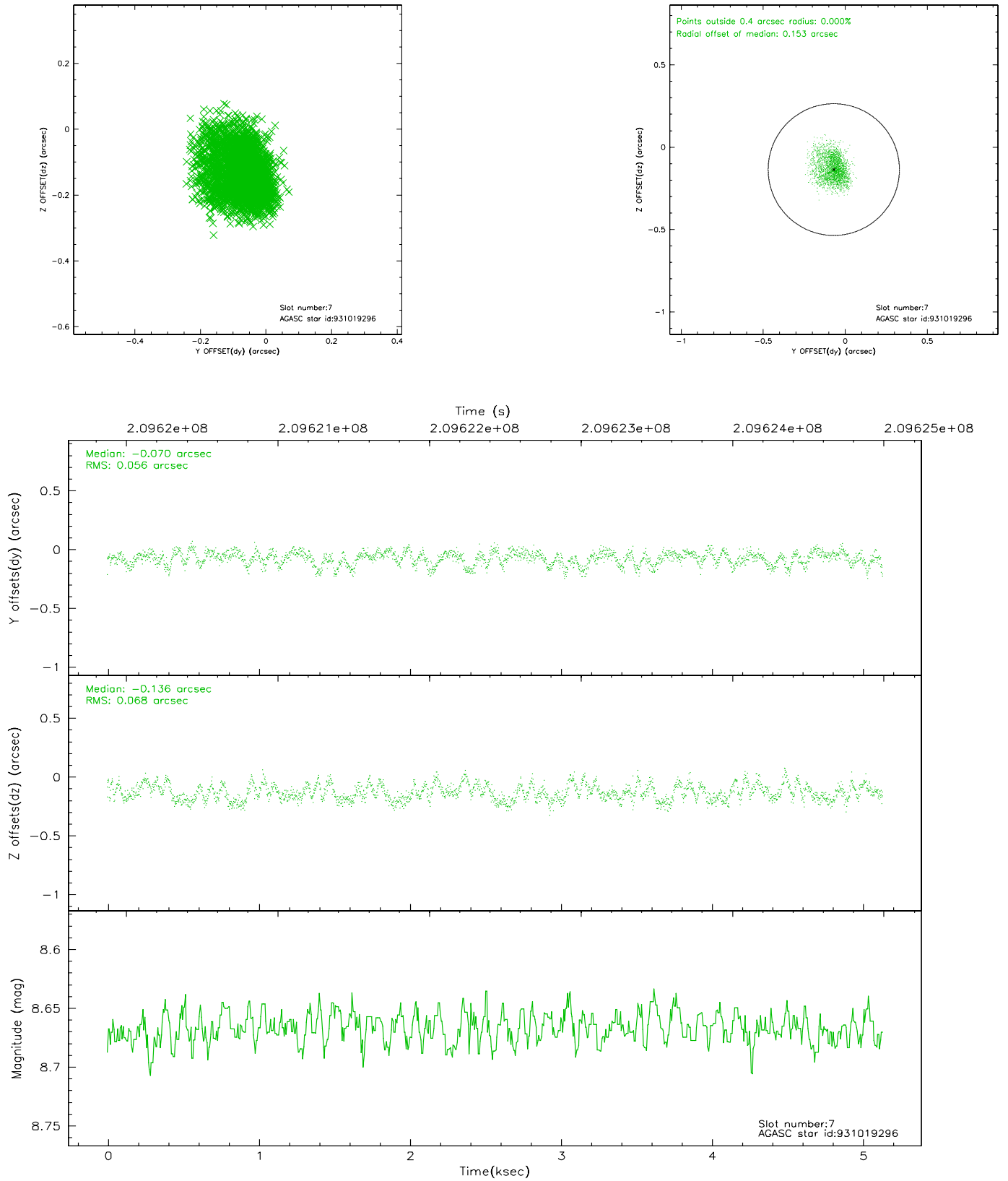
2.4.3 Slot 5



2.4.4 Slot 6

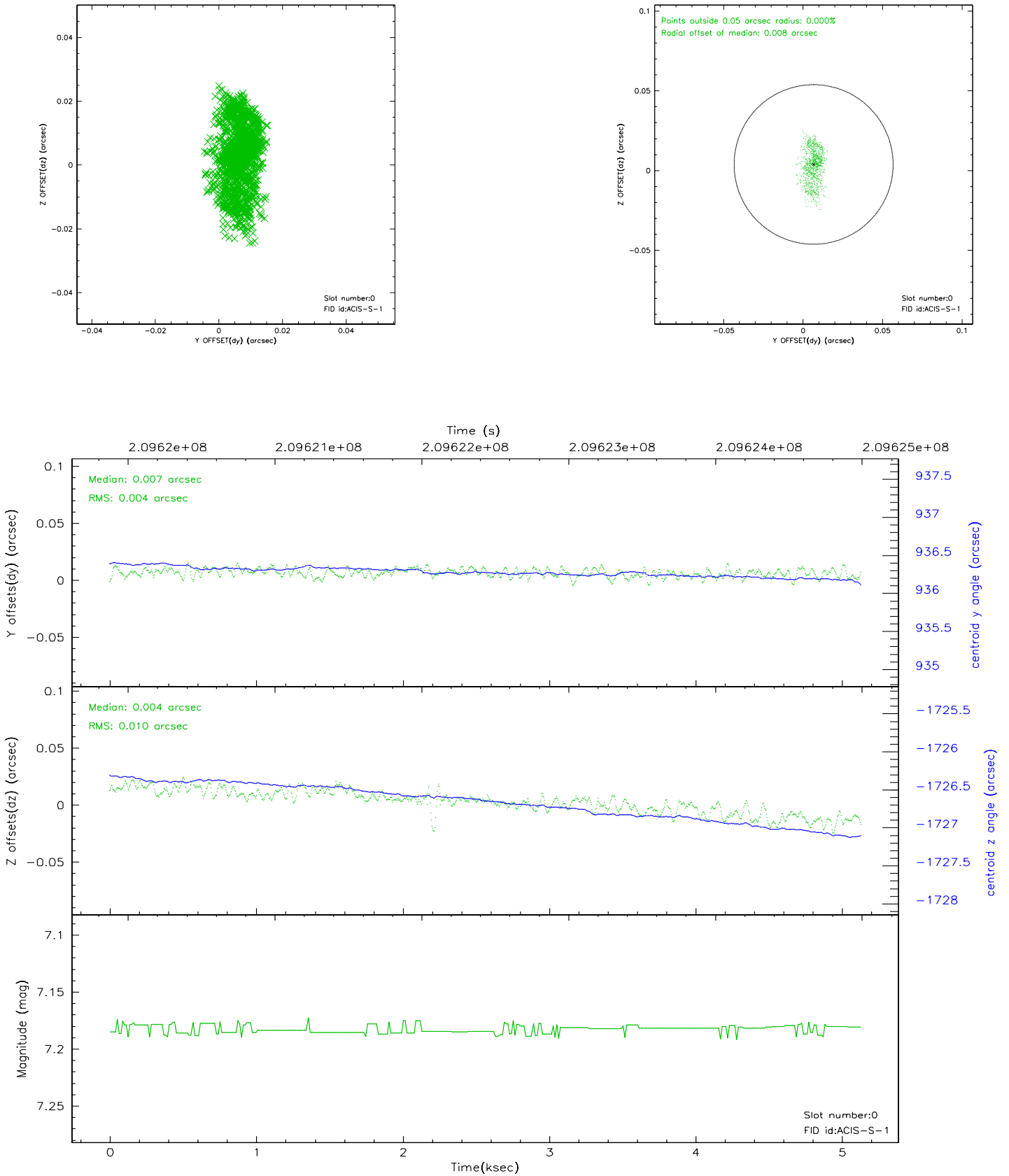


2.4.5 Slot 7

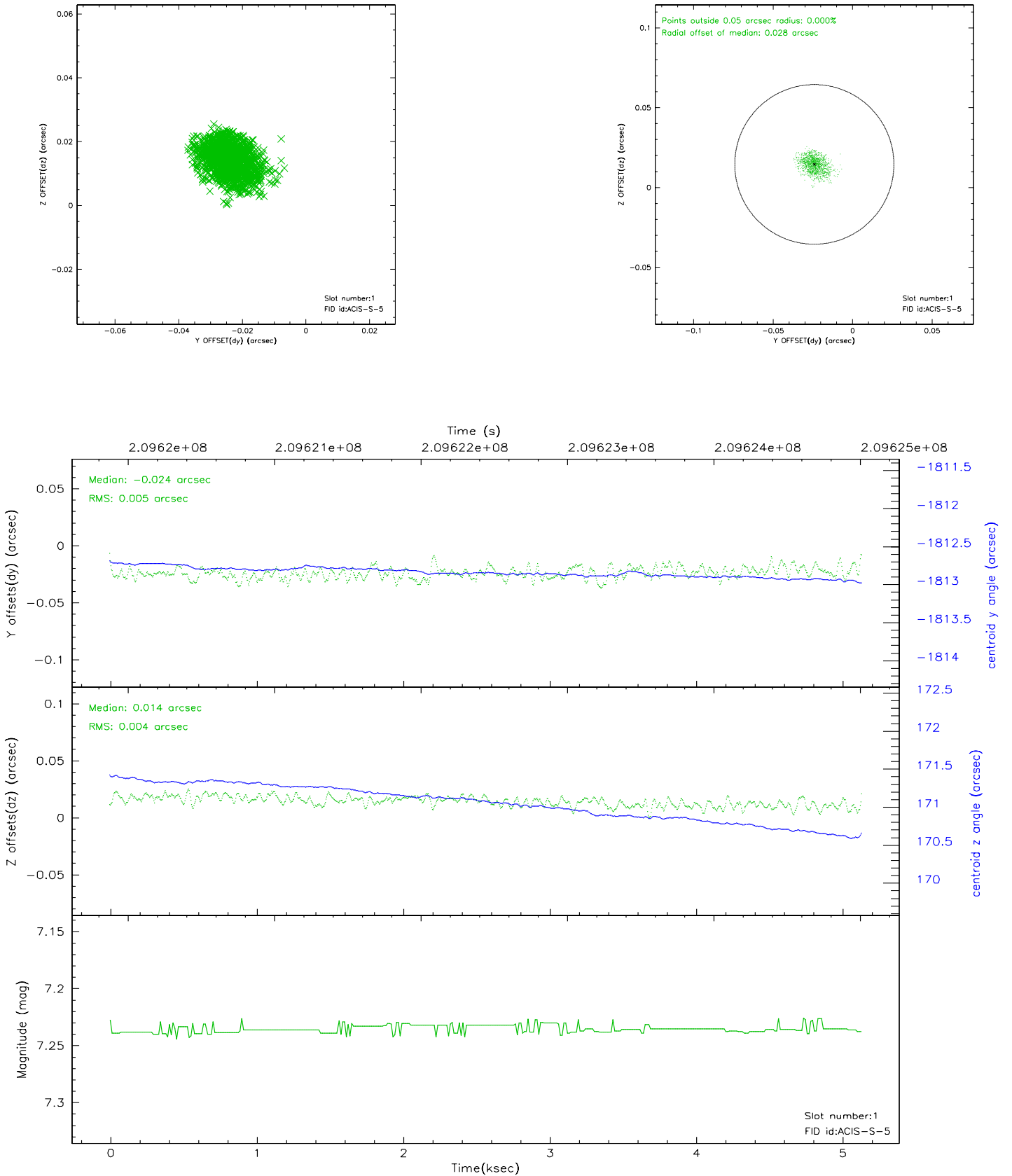


2.5 FID Slots

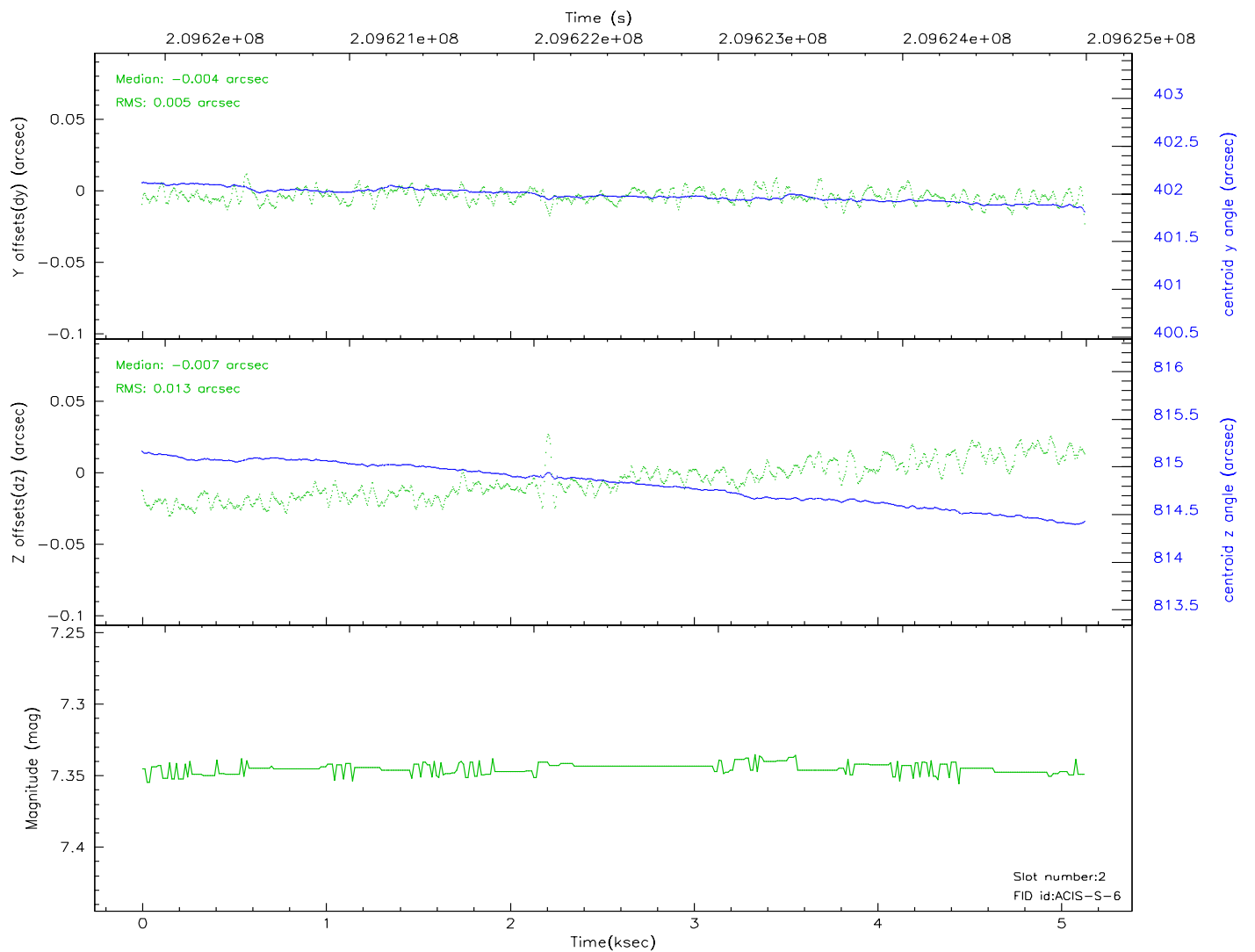
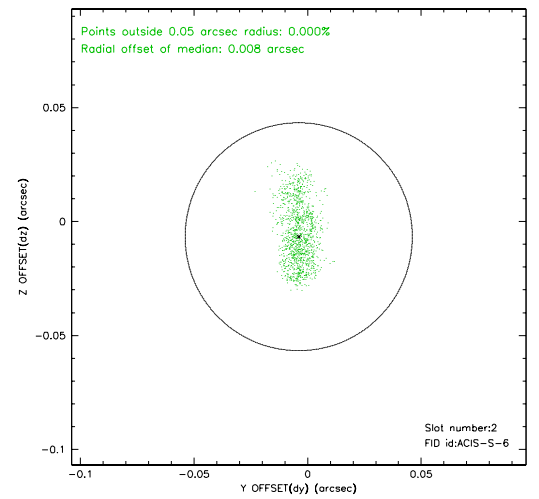
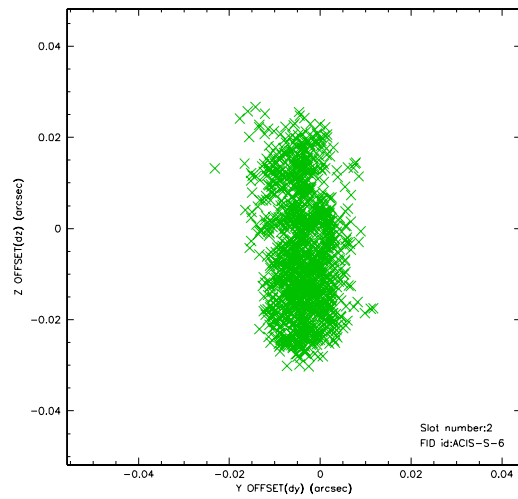
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2008.04.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.134

A.2 Comments