

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4667 - L2 Version 3
Chandra X-Ray Center

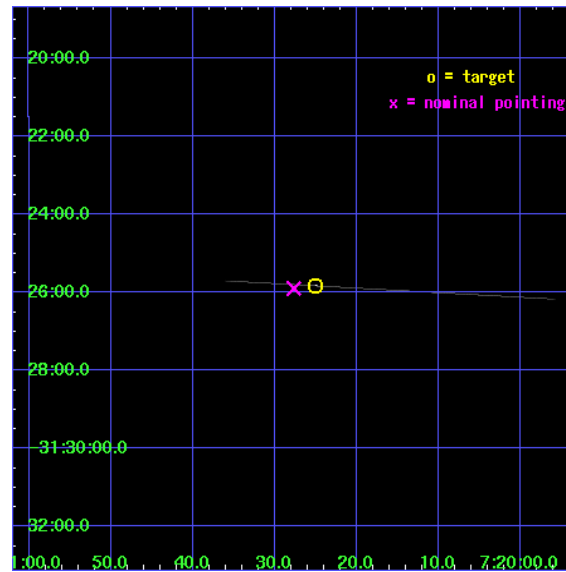
L2 Processing Date : Apr 10 2008

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1 Front

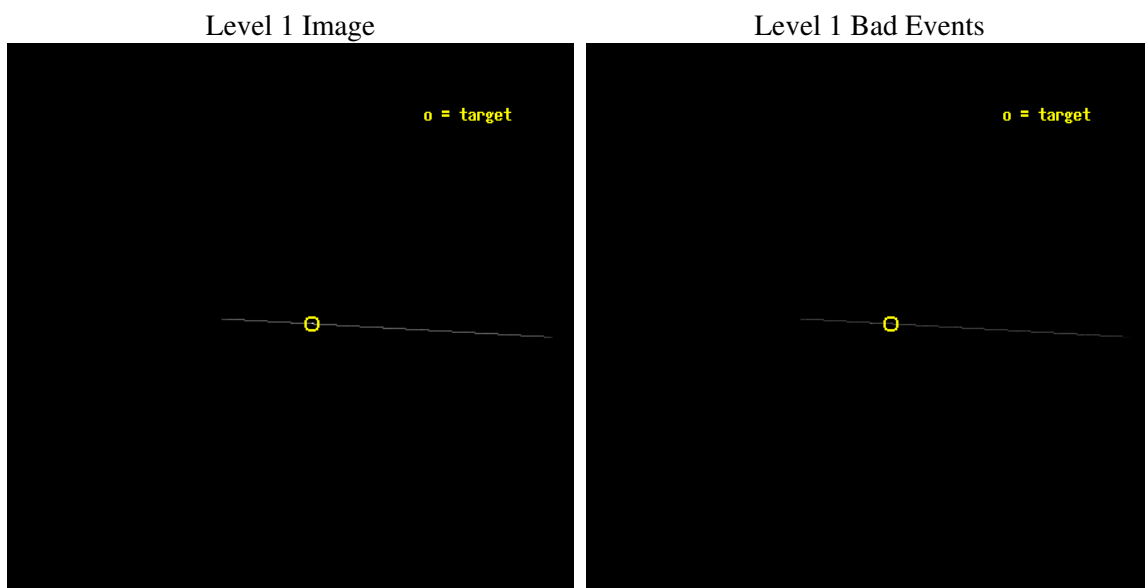
seq_num	500486
obs_id	4667
title	Timing the Enigmatic Nearby Neutron Star RX J0720.4-3125
observer	Dr David Kaplan
object	RX J0720.4-3125
ra_targ	110.104167
dec_targ	-31.430444
ra_nom	110.11531659675
dec_nom	-31.431641741232
roll_nom	3.1067474591984
revision	3
ontime	4791.25
livetime	4772.5341796875
ontime7	4791.25
l2events	26050



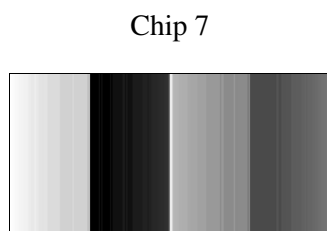
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.11.6
caldbver	3.4.4
date	2008-04-10T22:17:07
revision	3

sched_exp_time	4657.602000
ontime	4791.25
ontime7	4791.25
l1events	37592

2.1.4 Events

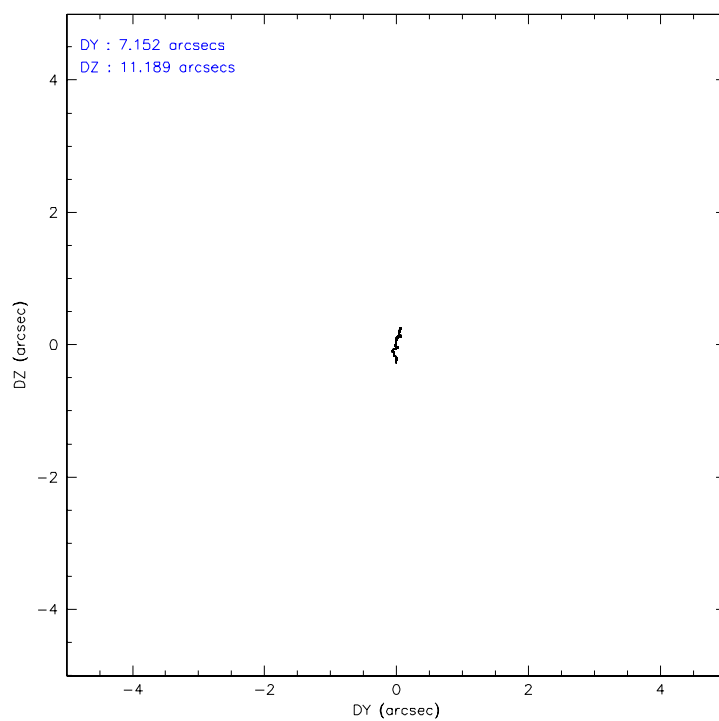
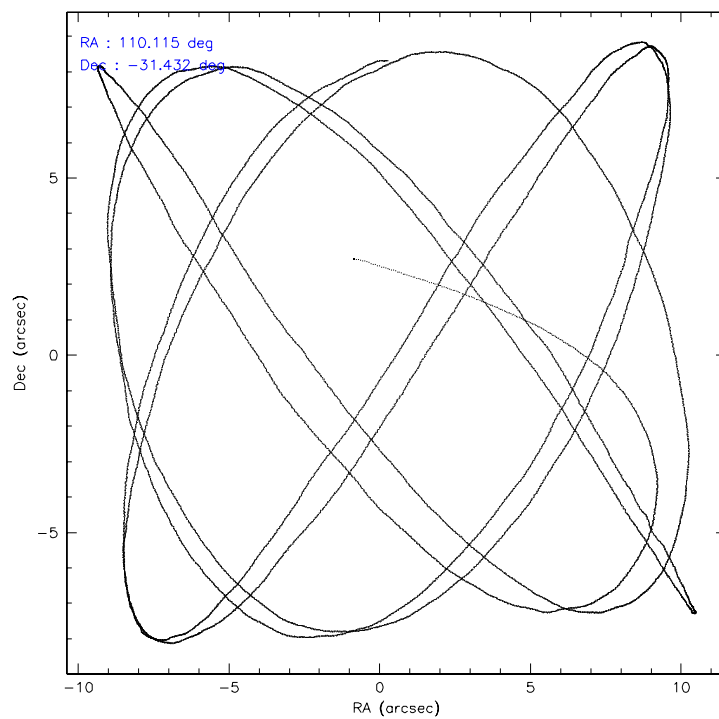
	ccd 7
level 1 events	37592
rejected events	10885
rejected %	28%

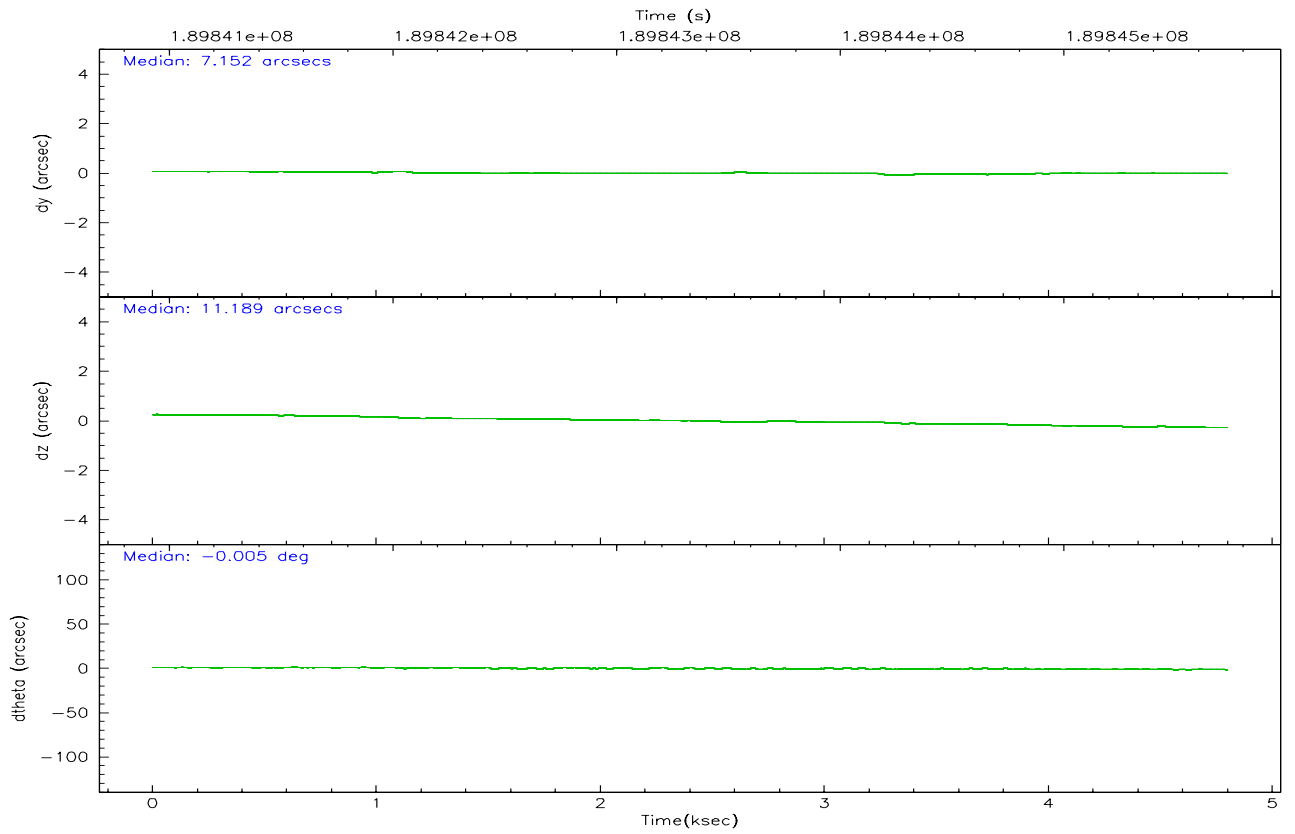
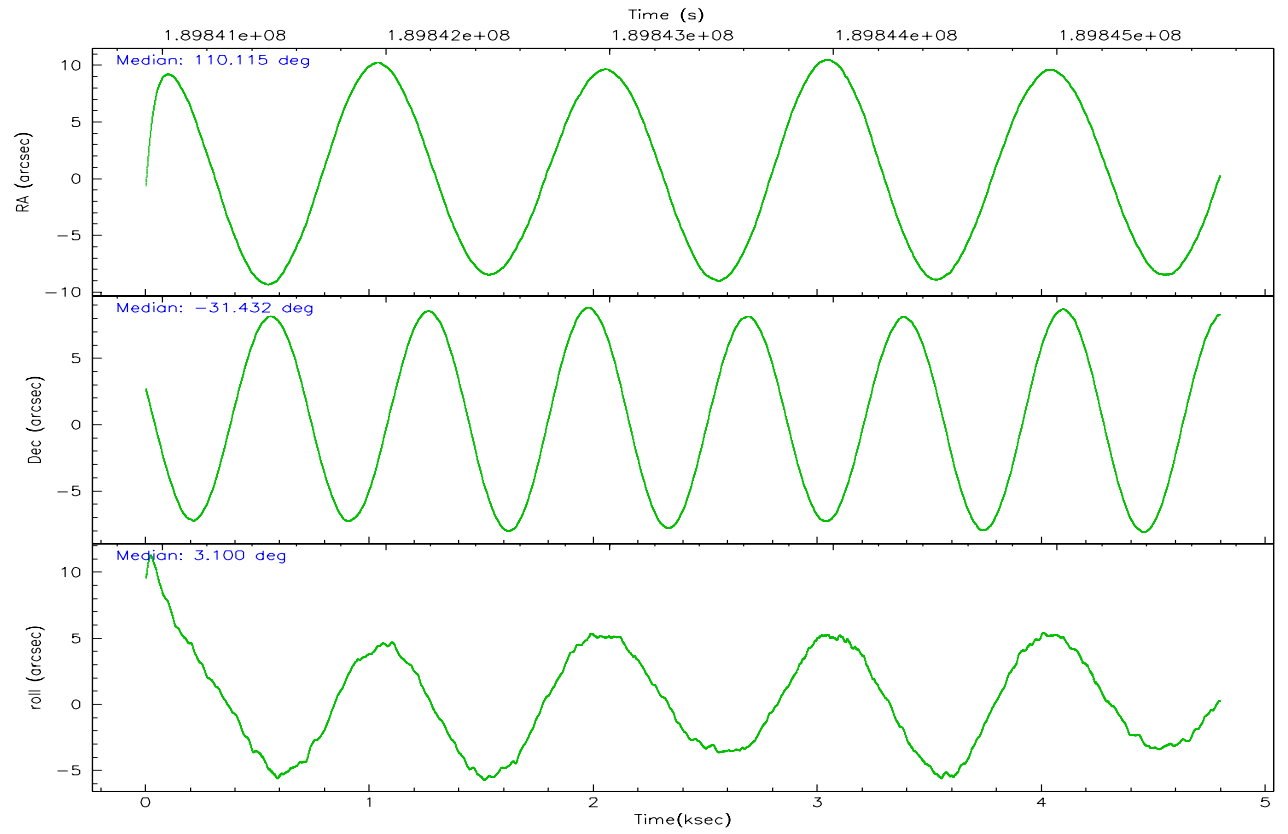
	ccd 7
grade 0 events	7996
	21%
grade 1 events	86
	0%
grade 2 events	7295
	19%
grade 3 events	2644
	7%
grade 4 events	2590
	6%
grade 5 events	4412
	11%
grade 6 events	12569
	33%
grade 7 events	0
	0%

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	110.088914	110.1153165967534	Alternating exposures requested	N	N
Pointing Dec	-31.446801	-31.4316417412316	Primary exposure time	0.000000	0
Pointing Roll	2.936326	3.106747459198377			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	189841069.184000	189839158.8838			
Observation start date	2004-01-07T05:36:45	2004-01-07T05:05:58			
Observation end time	189845727.184000	189846041.2466			
Observation end date	2004-01-07T06:54:23	2004-01-07T07:00:41			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



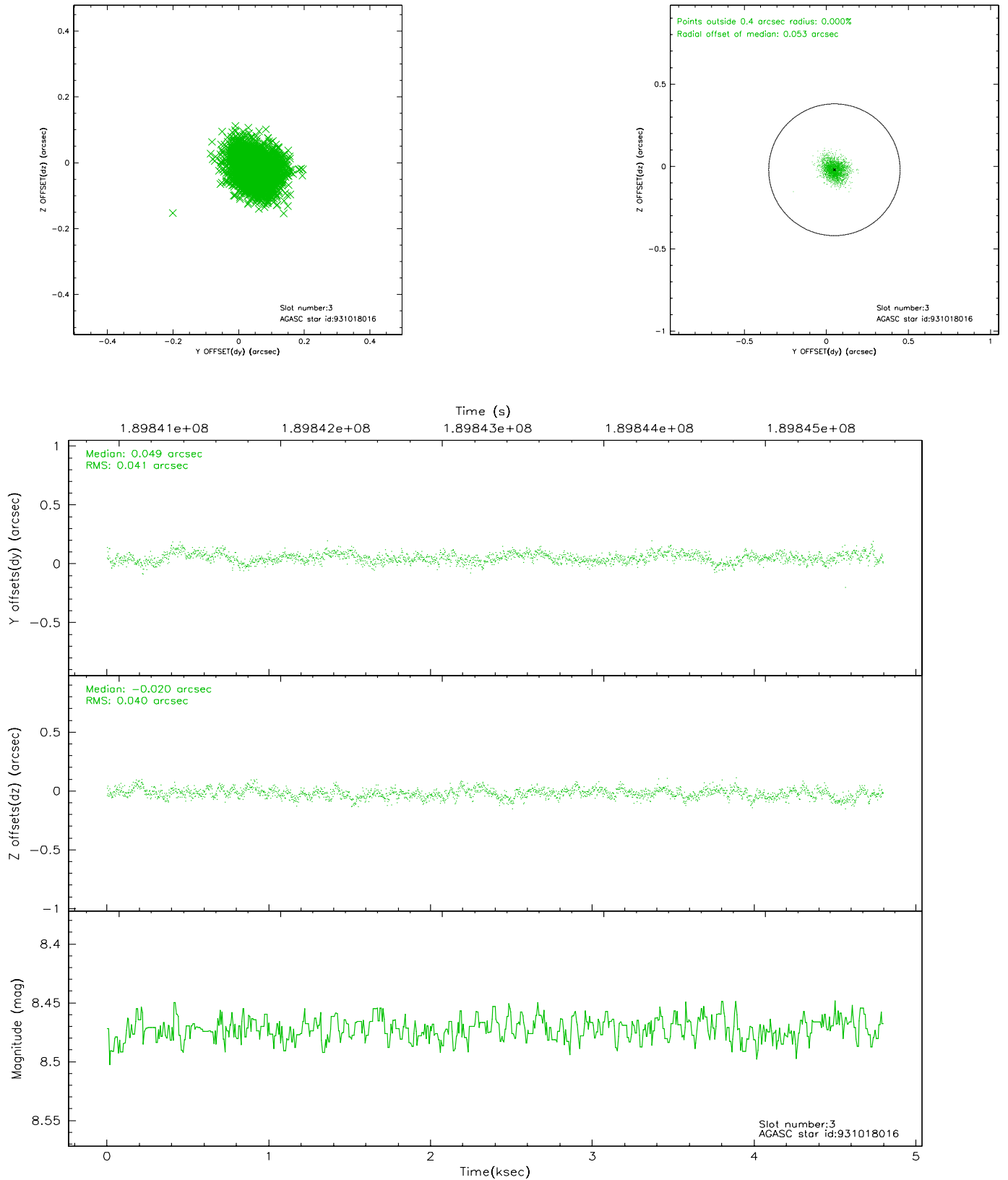


Slot Statistics

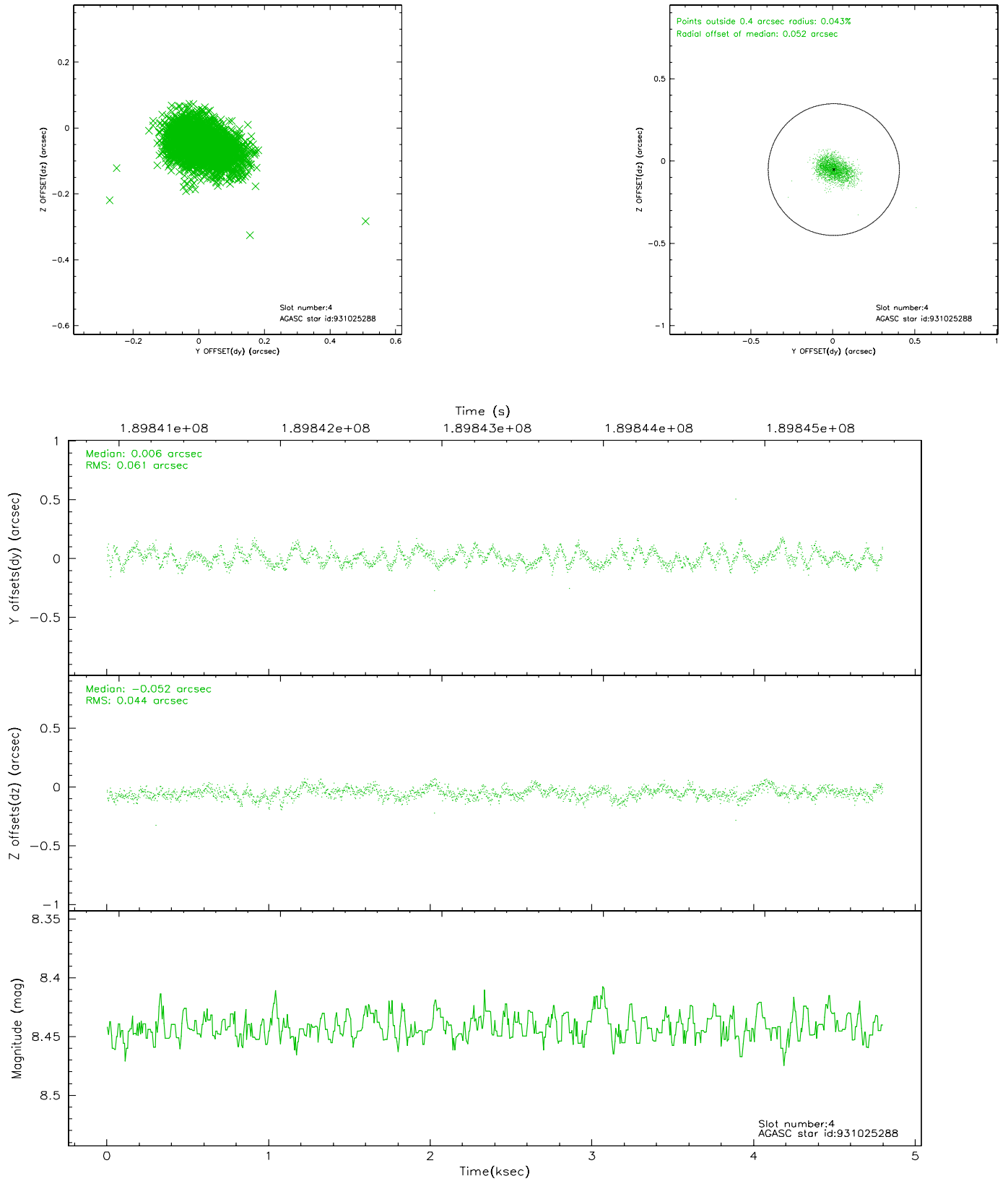
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1170	-0.021	0.020	0.008	0.015	0.000000	0.000000	-759.91	-1732.41
1	FID	ACIS-S-4	7.20	1170	0.004	0.005	0.007	0.011	0.000000	0.000000	2152.79	174.78
2	FID	ACIS-S-5	7.23	1171	-0.015	-0.016	0.007	0.011	0.000000	0.000000	-1811.13	169.83
3	GUIDE	931018016	8.47	2340	0.049	-0.020	0.060	0.099	109.684535	-31.226562	-1202.39	853.39
4	GUIDE	931025288	8.44	2340	0.006	-0.052	0.080	0.127	109.511084	-30.937793	-1688.65	1917.18
5	GUIDE	931695048	7.38	2341	-0.059	0.115	0.082	0.127	110.648539	-32.046020	1594.67	-2244.85
6	GUIDE	931019296	8.66	2341	0.066	0.090	0.070	0.114	109.471771	-31.694370	-1932.71	-799.64
7	GUIDE	931160352	8.63	2340	-0.057	-0.138	0.079	0.127	110.268138	-30.864891	659.65	2063.28

2.4 Star Slots

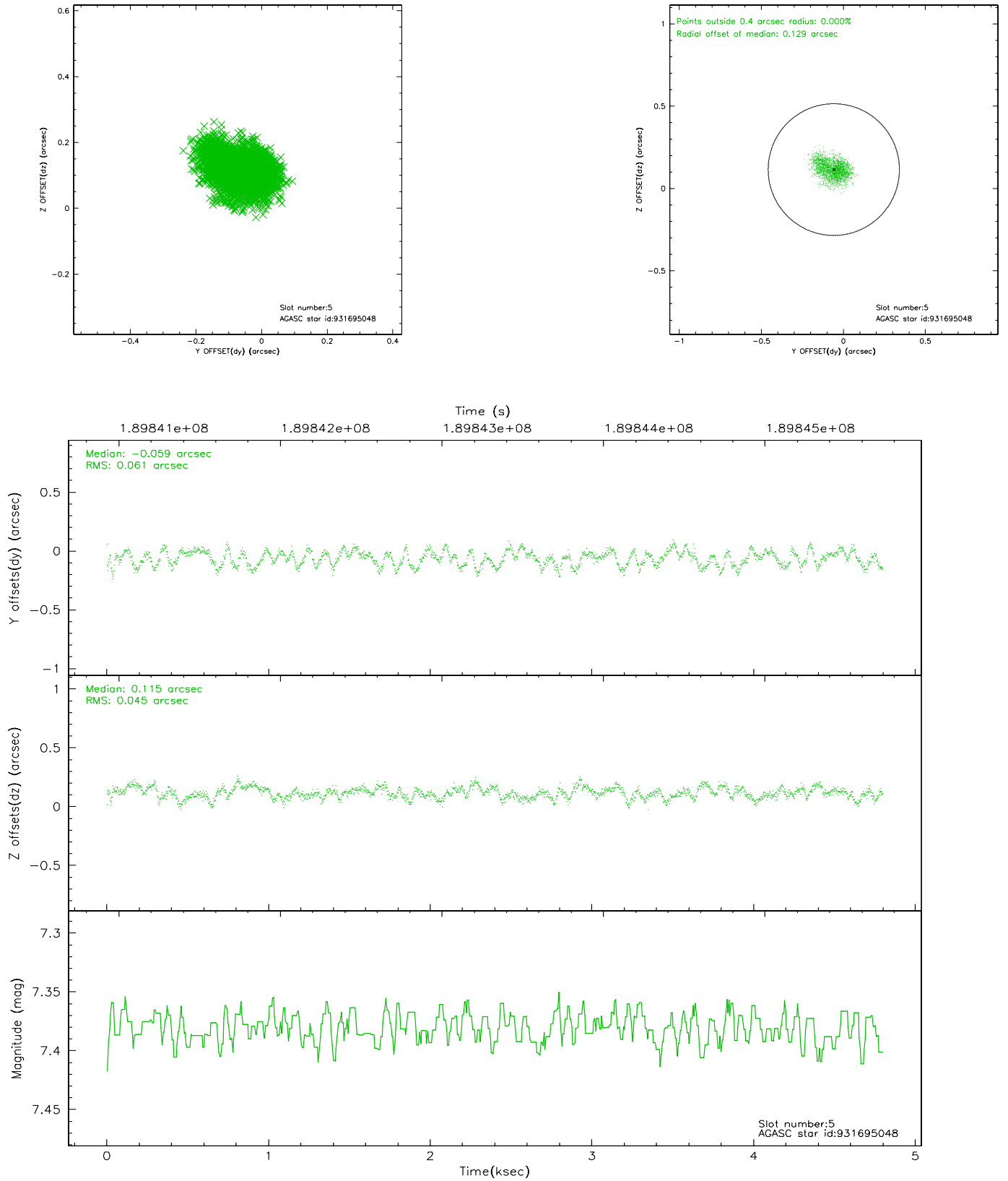
2.4.1 Slot 3



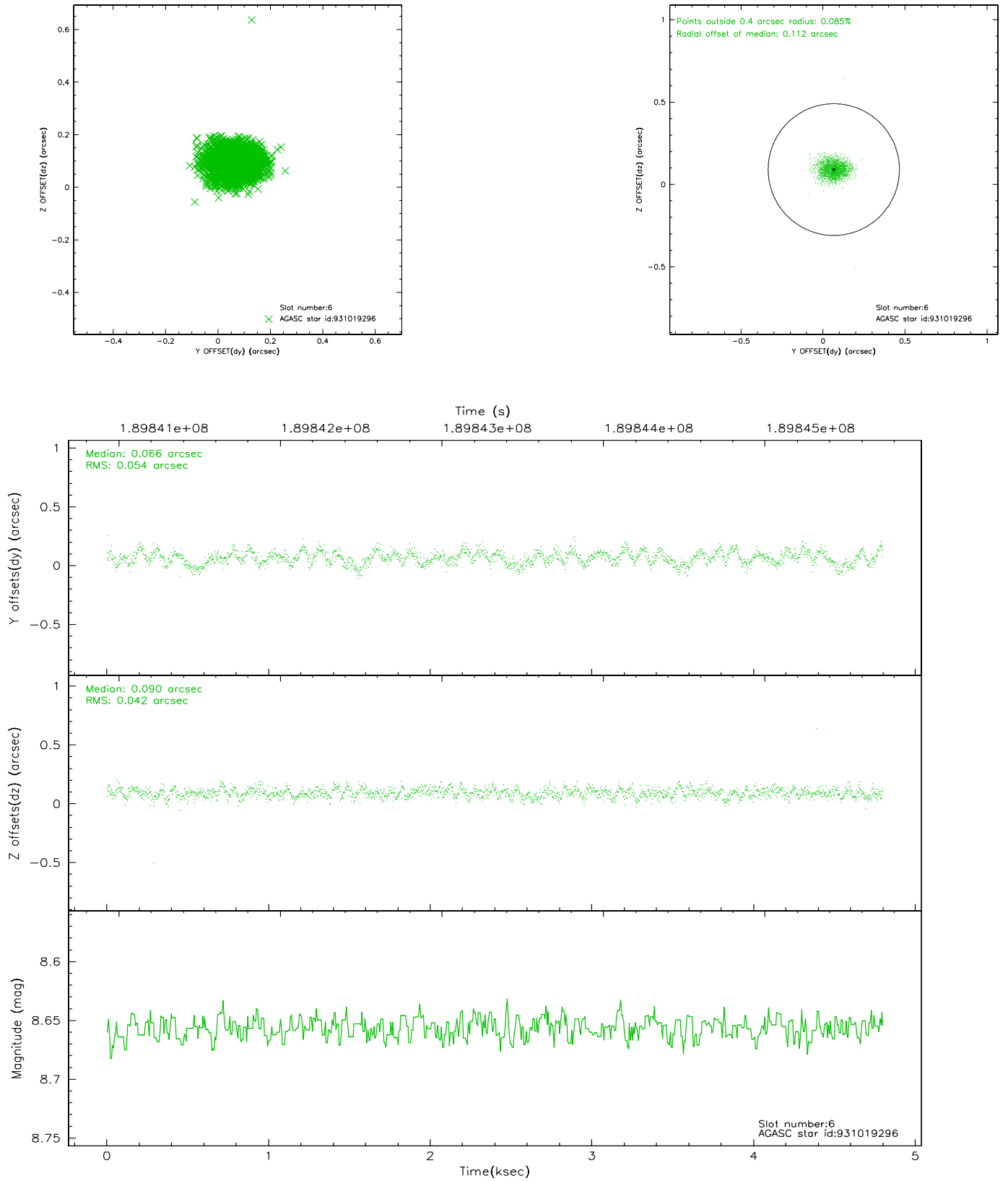
2.4.2 Slot 4



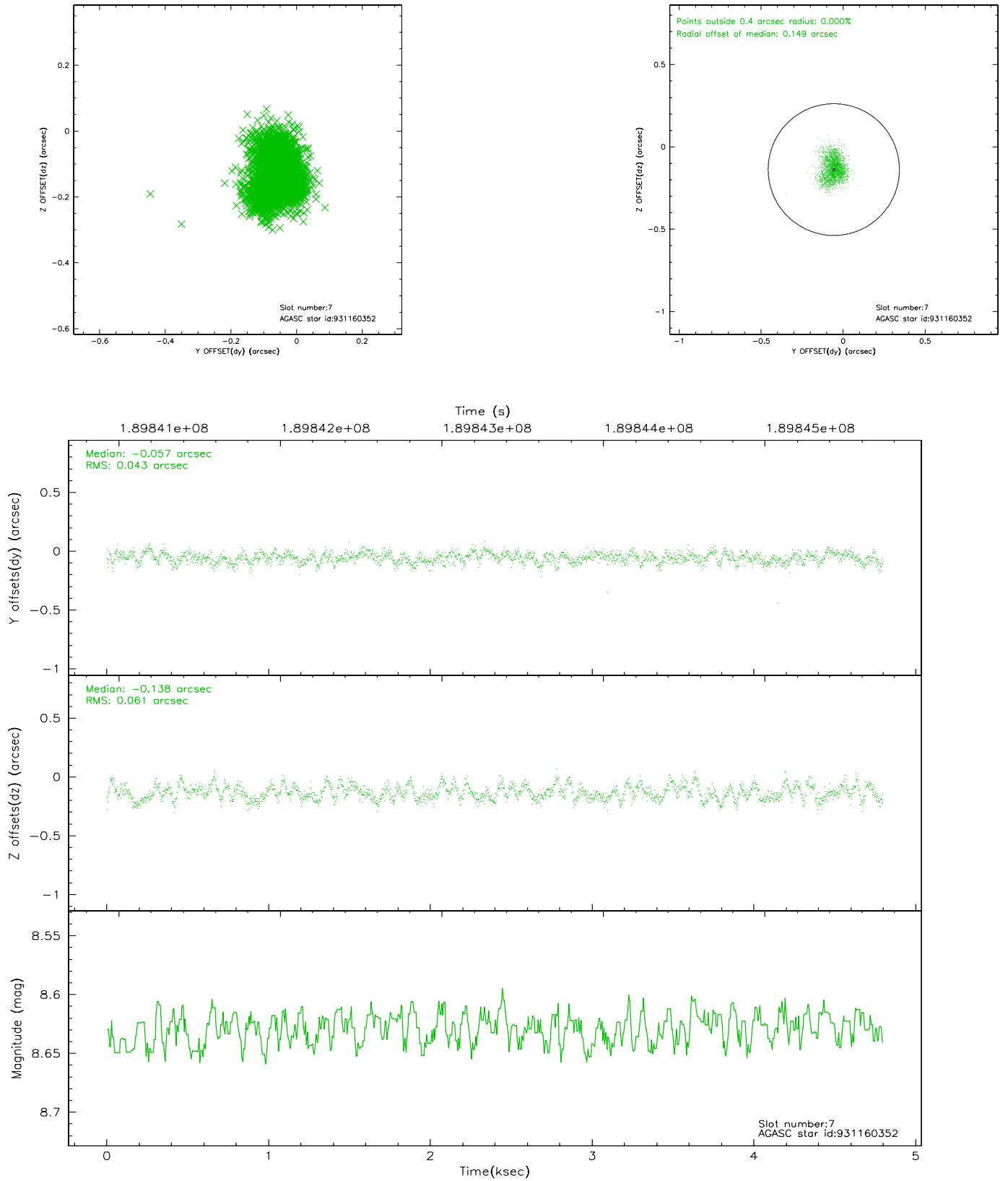
2.4.3 Slot 5



2.4.4 Slot 6

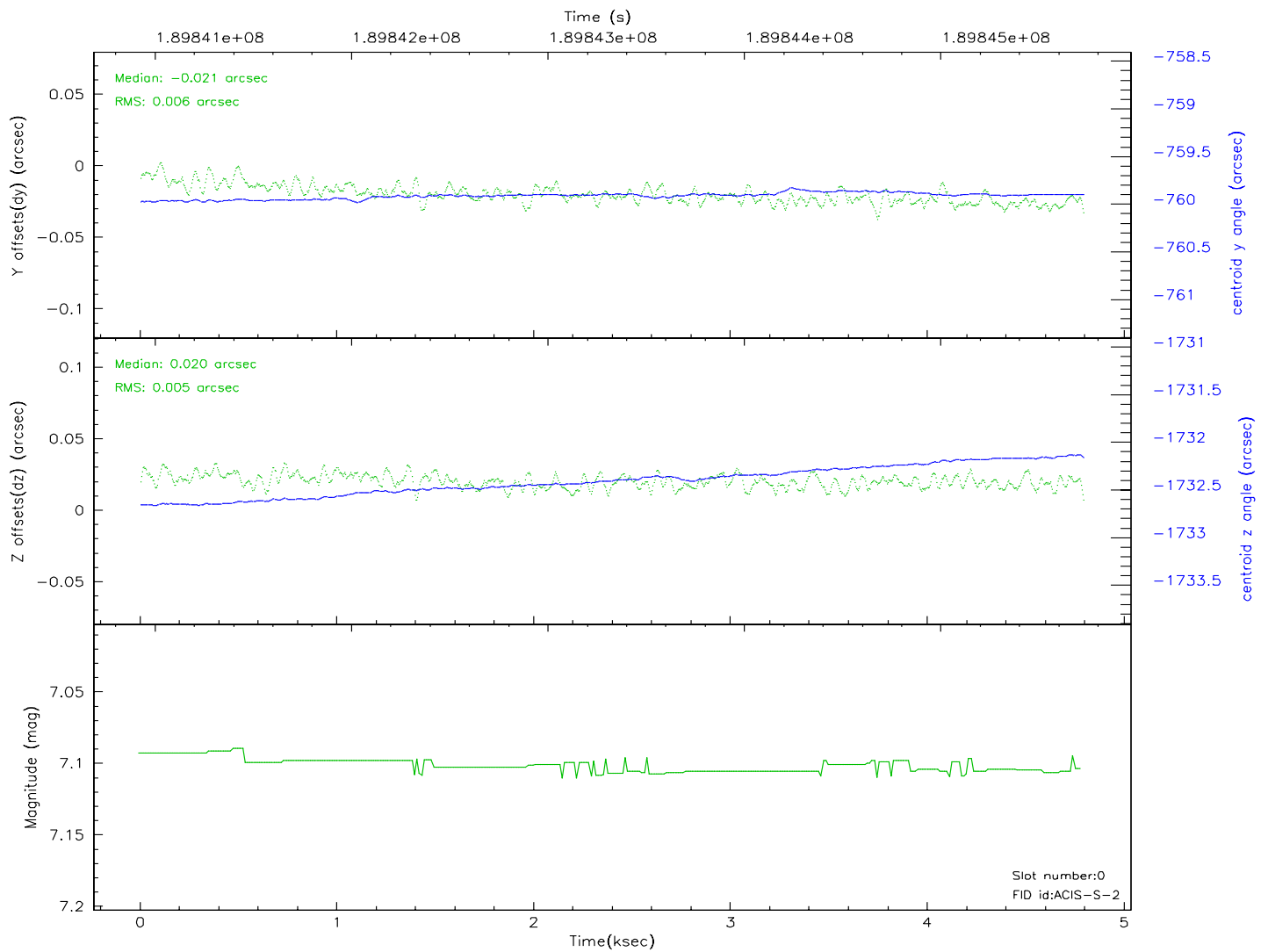
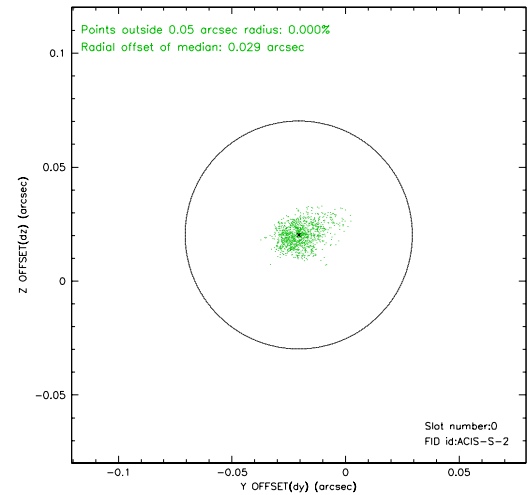
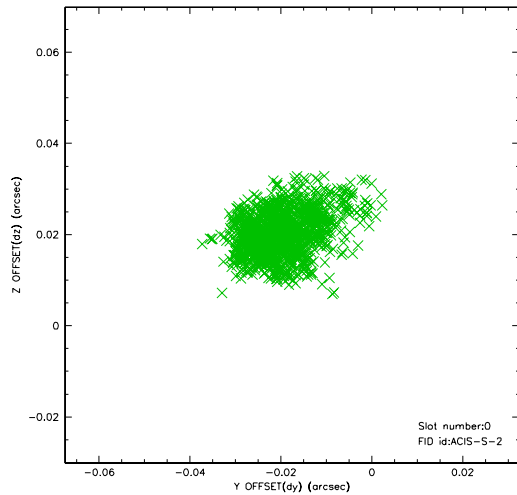


2.4.5 Slot 7

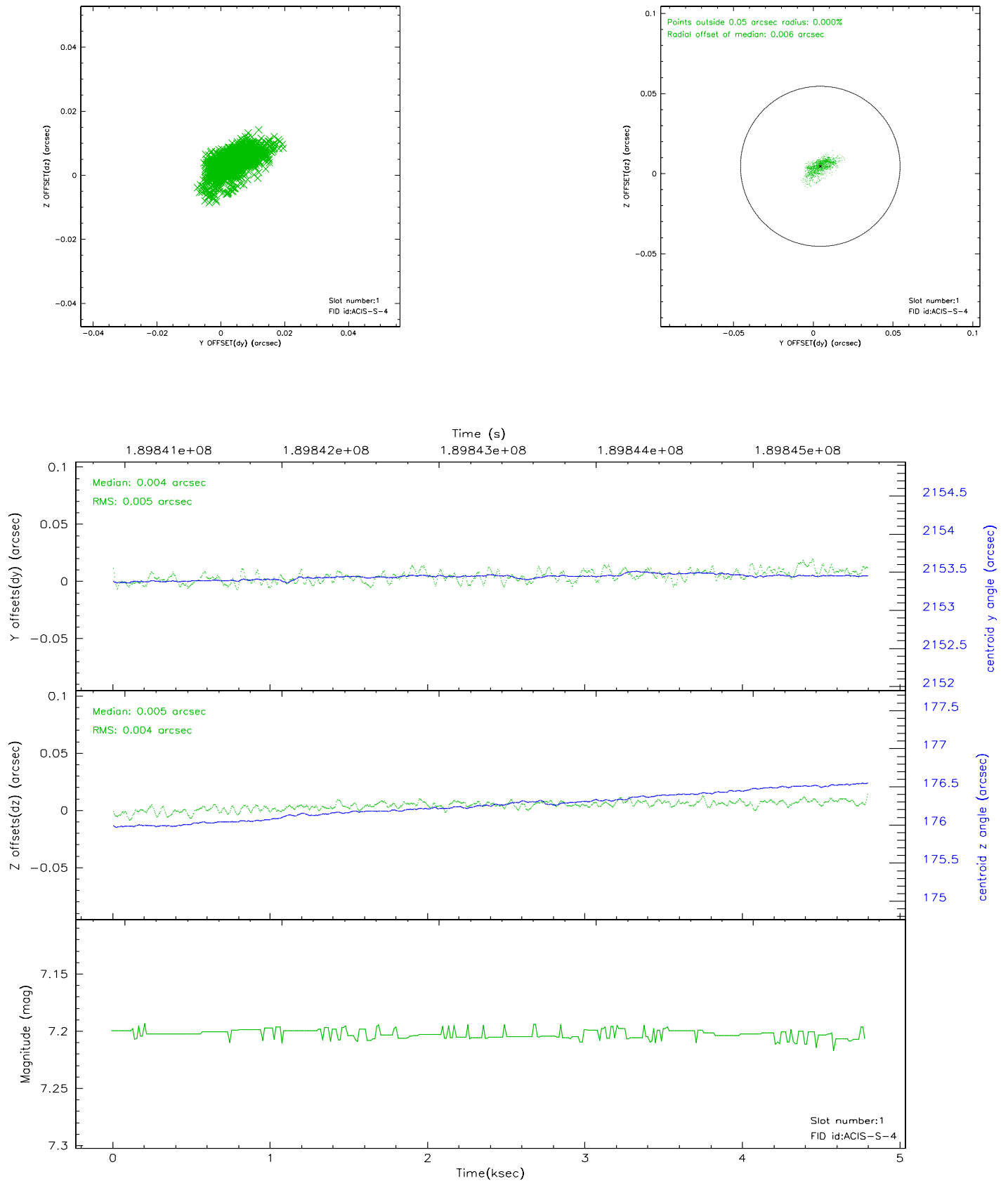


2.5 FID Slots

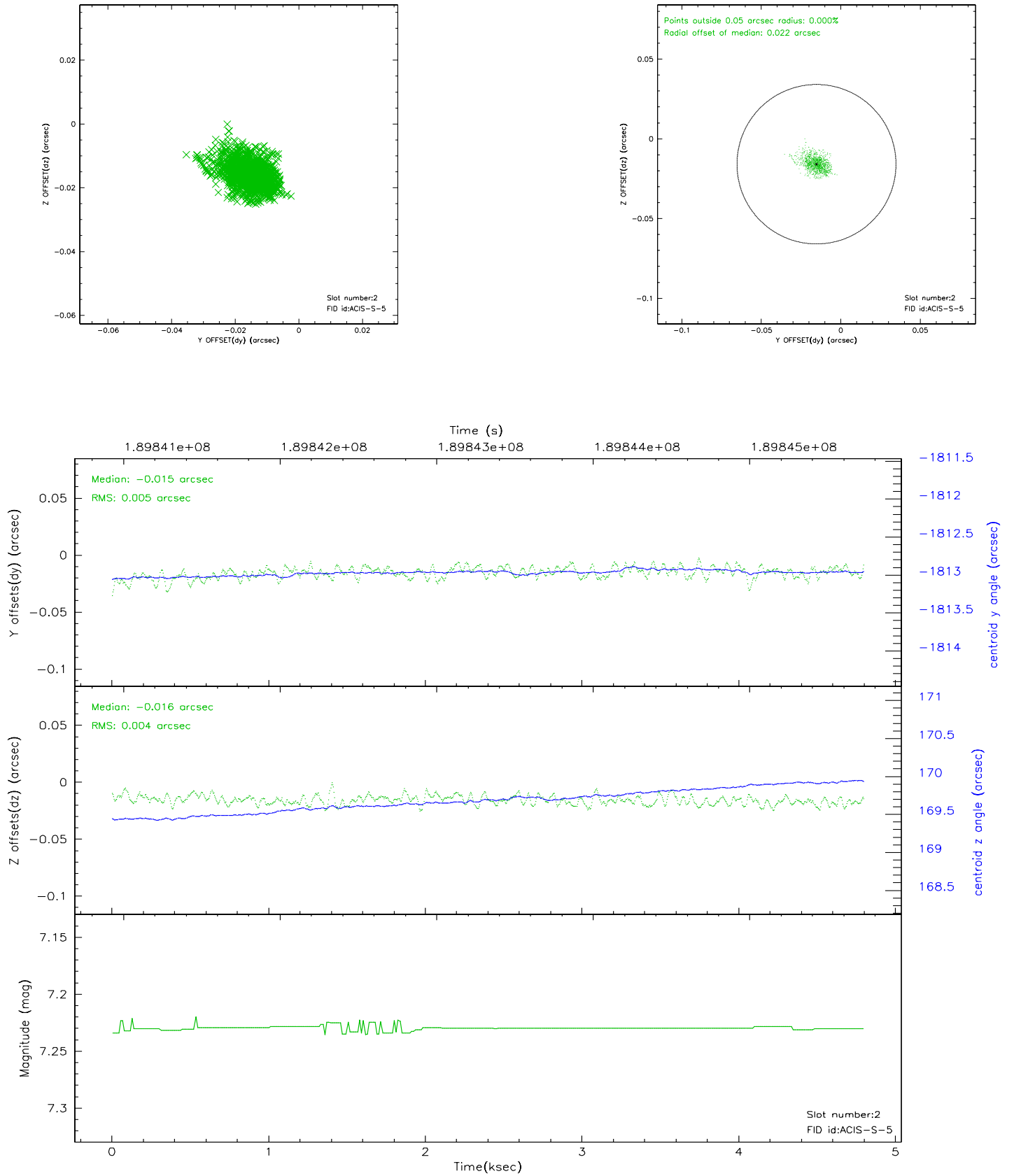
2.5.1 Slot 0



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)	2008.04.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.794

A.2 Comments