

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 3146 - L2 Version 001
Chandra X-Ray Center

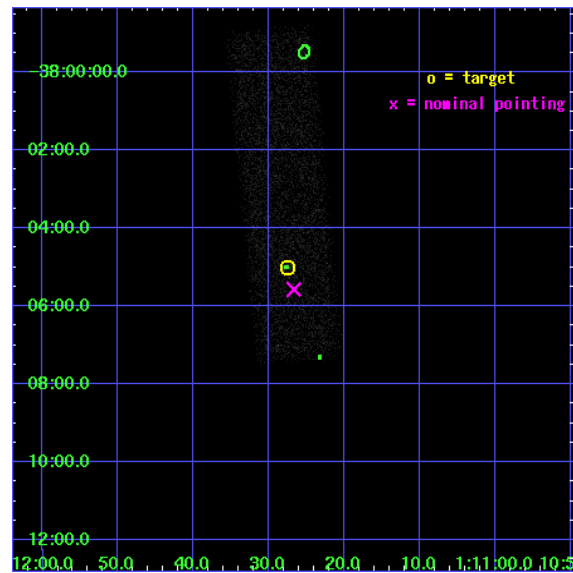
L2 Processing Date : Aug 31 2006

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1 Front

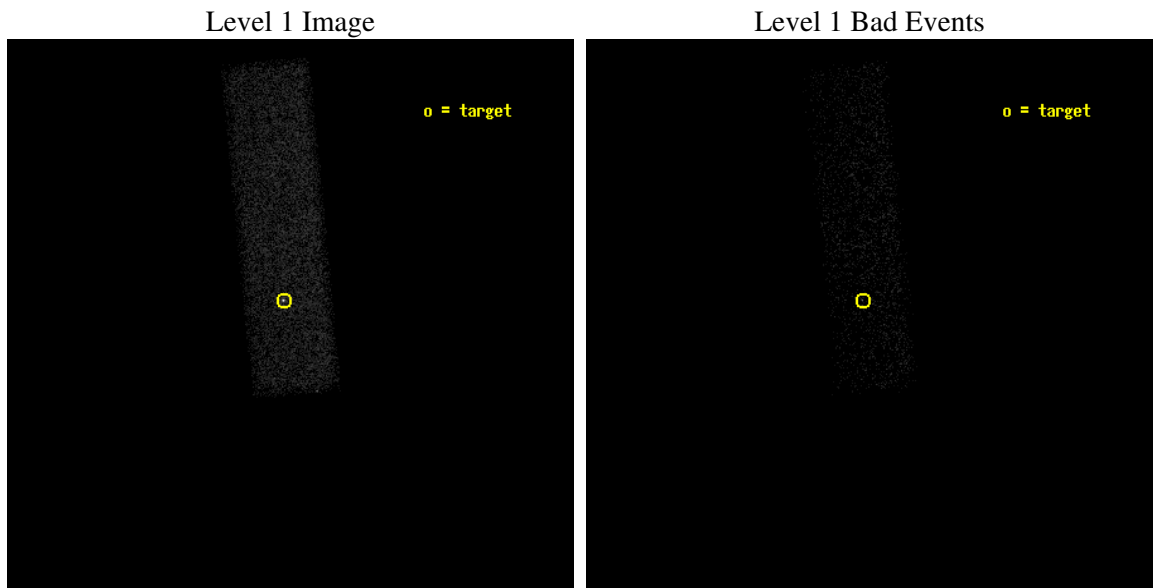
seq_num	700585
obs_id	3146
title	MAPPING THE REFLECTING REGIONS IN THE SEYFERT 2 GALAXY TOLOLO 0109-383
observer	Professor Giorgio Matt
object	TOLOLO 0109-383
dtcycle	0
cycle	P
ra_targ	17.864583
dec_targ	-38.083611
ra_nom	17.861305126214
dec_nom	-38.092954556851
roll_nom	264.43914068087
revision	3
ontime	9651.9589439481
livetime	9180.9749300373
ontime7	9651.9589439481
l2events	9627



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-08-31T08:23:44
revision	3

sched_exp_time	9500.000000
ontime	10555.757195771
ontime7	10555.757195771
l1events	23750

2.1.4 Events

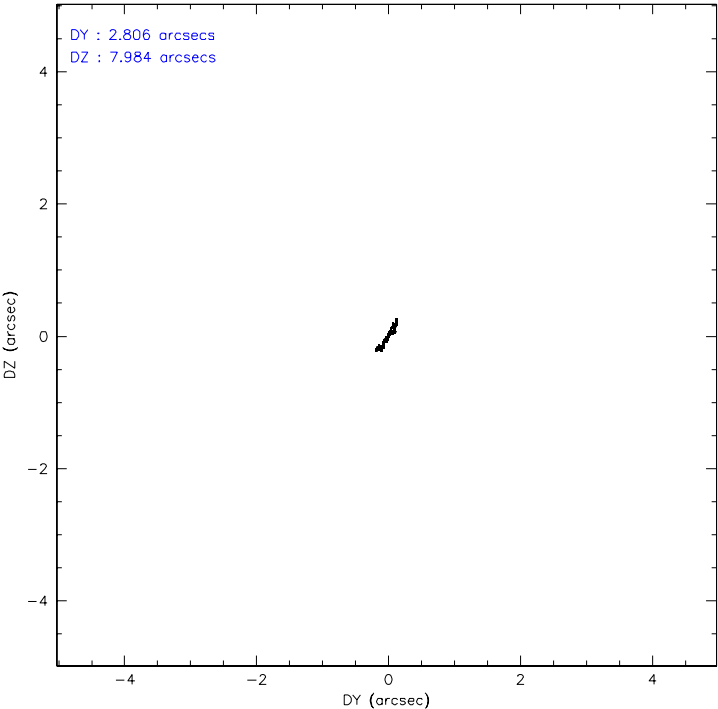
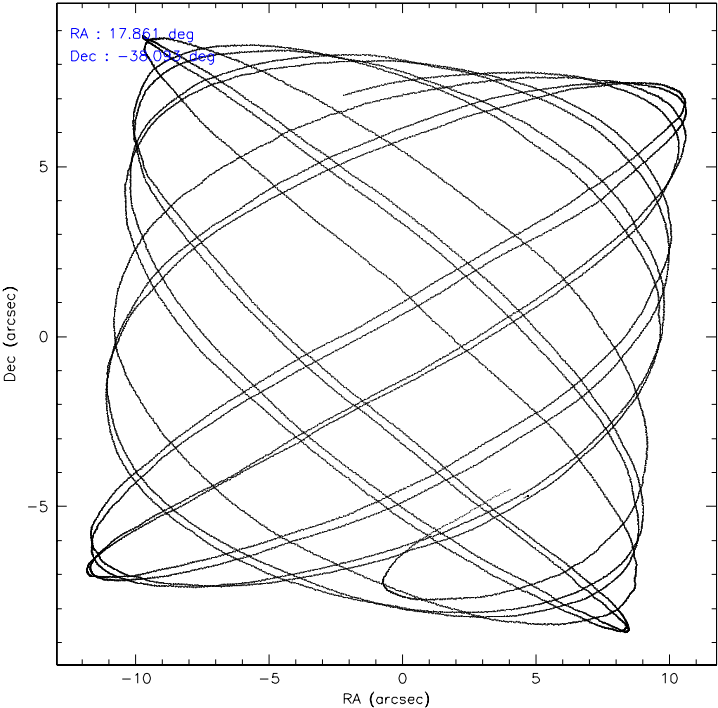
	ccd 7
level 1 events	23750
rejected events	13821
rejected %	58%

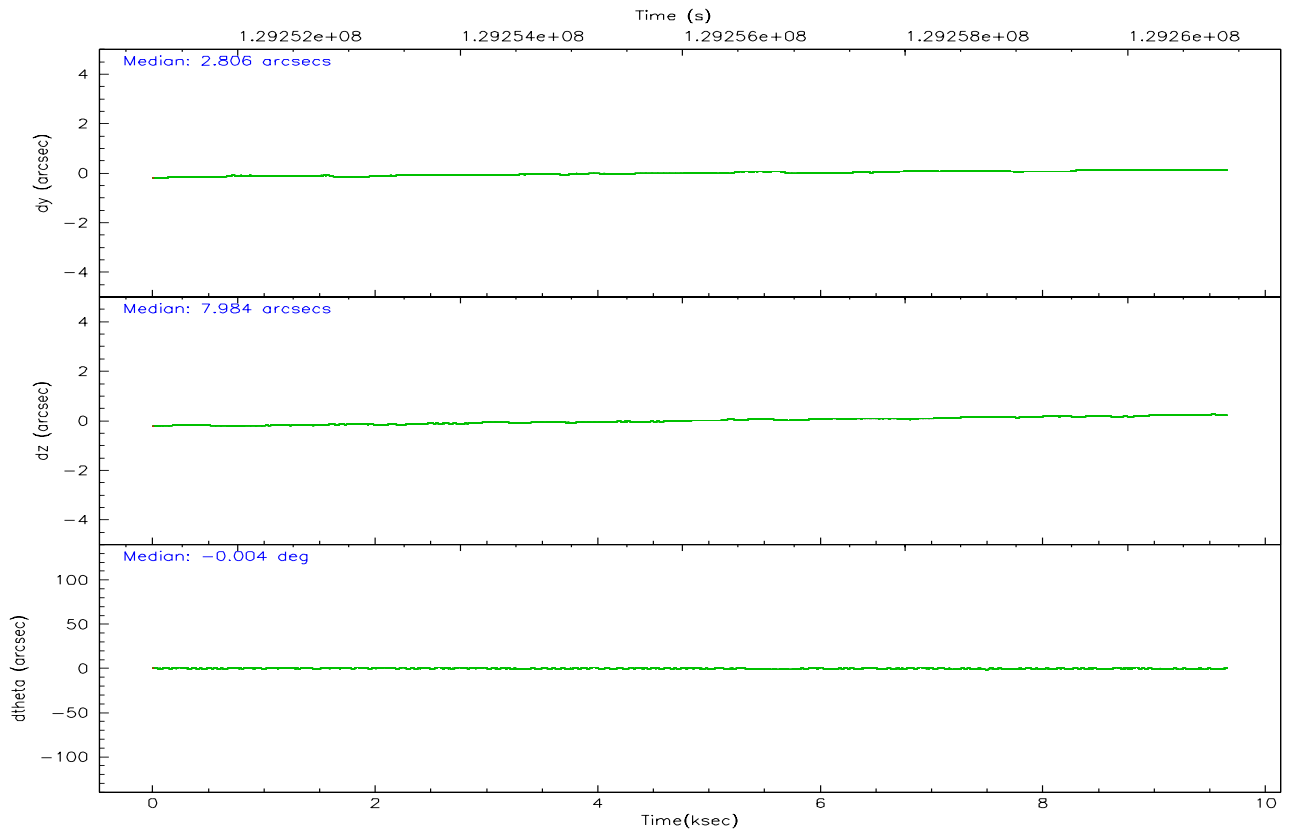
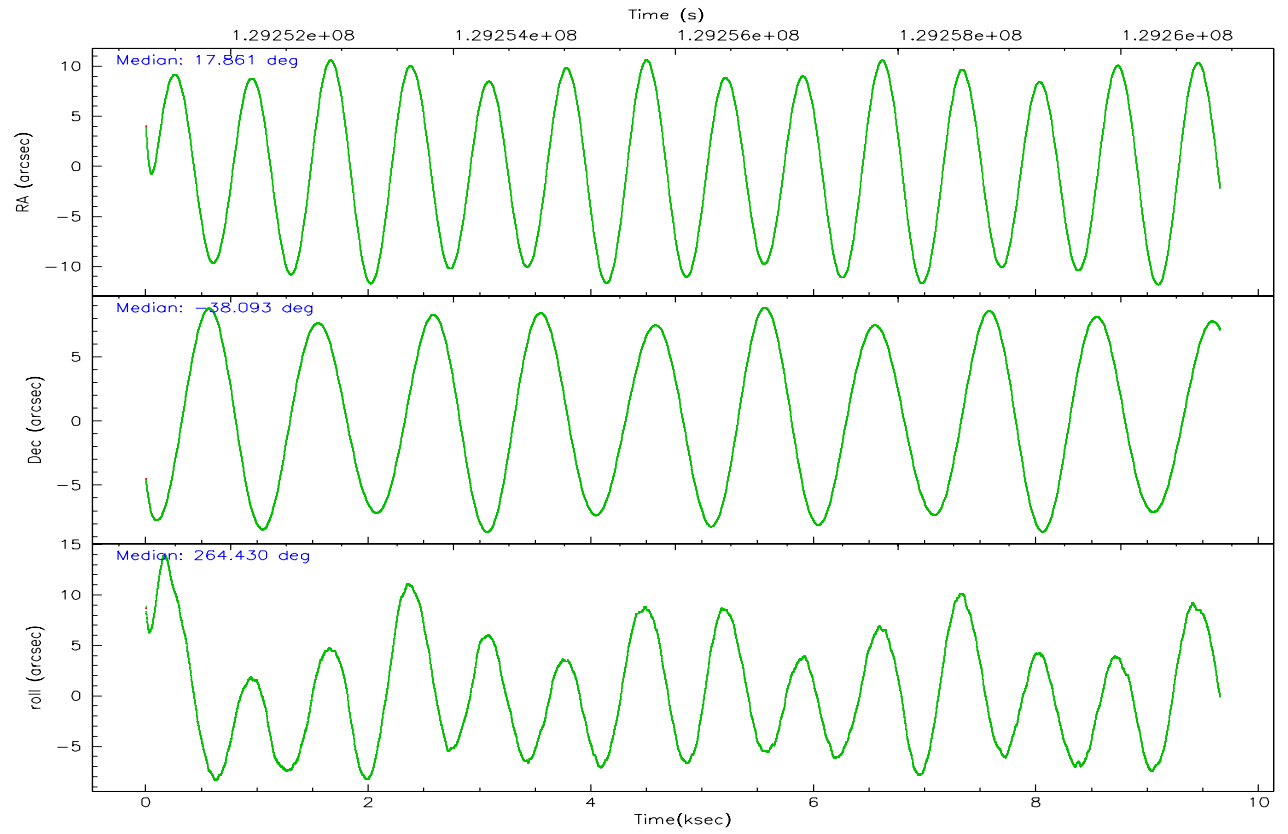
	ccd 7
grade 0 events	1211
	5%
grade 1 events	22
	0%
grade 2 events	2553
	10%
grade 3 events	897
	3%
grade 4 events	903
	3%
grade 5 events	1608
	6%
grade 6 events	5156
	21%
grade 7 events	11400
	48%

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	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	1/4	1/4
Pointing RA	17.846531	17.86130512621425	Subarray start row	0	385
Pointing Dec	-38.068283	-38.09295455685147	Subarray row count	1024	256
Pointing Roll	264.273408	264.4391406808706	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	0.8
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	129251398.184000	129250324.45838			
Observation start date	2002-02-04T23:08:54	2002-02-04T22:52:04			
Observation end time	129260898.184000	129261504.13383			
Observation end date	2002-02-05T01:47:14	2002-02-05T01:58:24			
Read mode	TIMED	TIMED			

2.3 Aspect



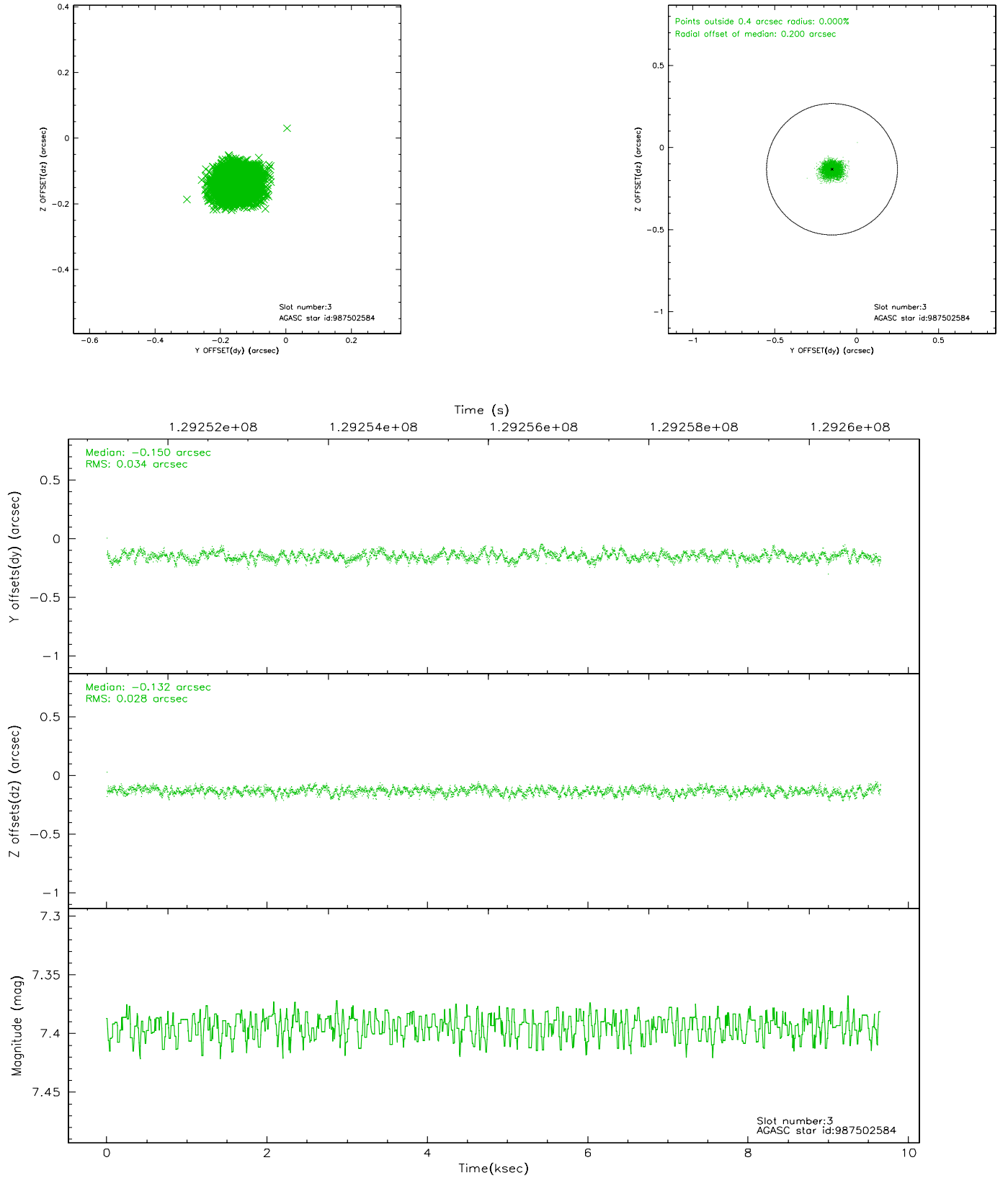


Slot Statistics

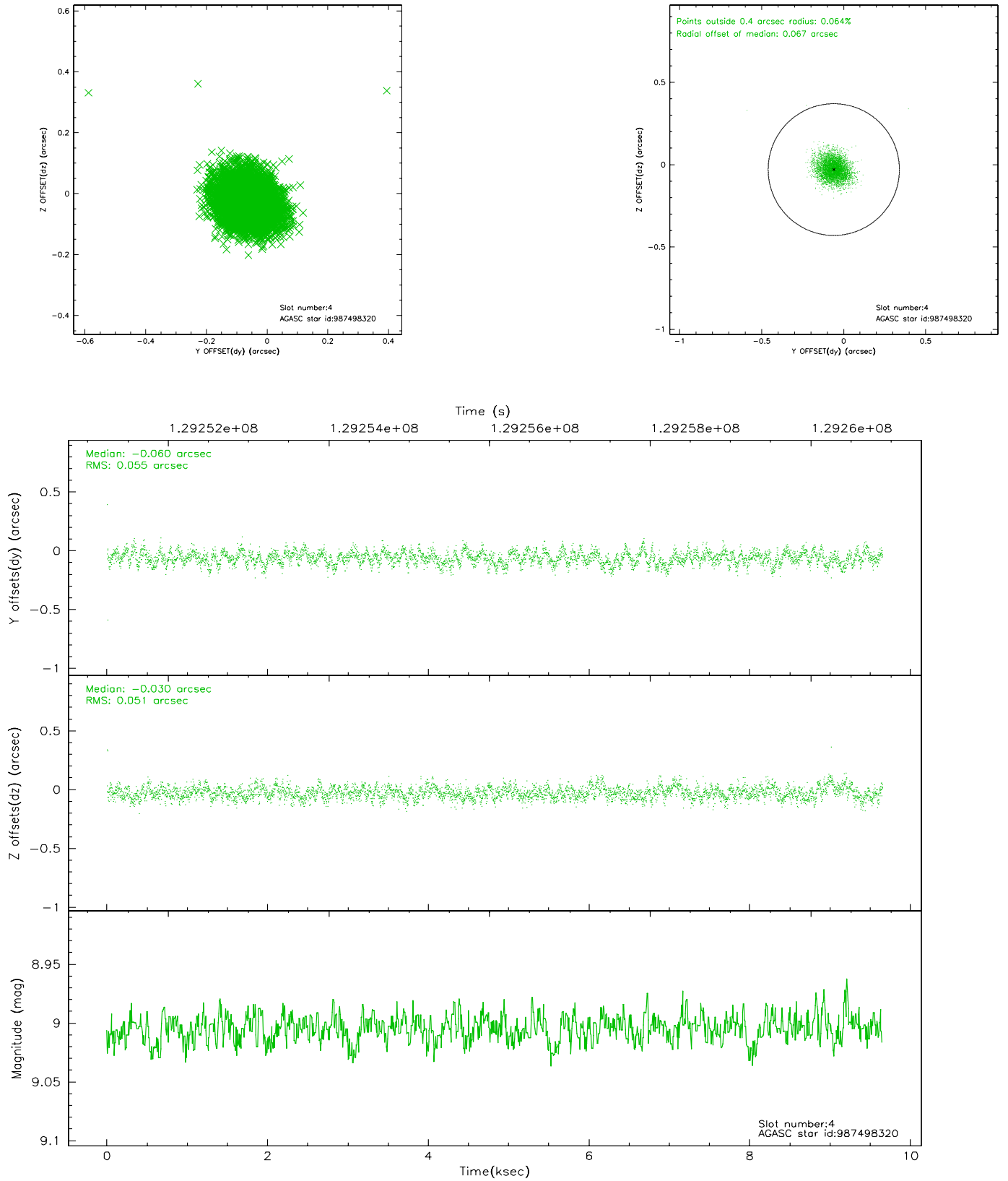
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	2355	0.010	0.025	0.007	0.012	0.000000	0.000000	-755.43	-1729.10
1	FID	ACIS-S-4	7.20	2353	-0.094	-0.012	0.006	0.010	0.000000	0.000000	2157.50	178.76
2	FID	ACIS-S-5	7.24	2354	0.053	-0.005	0.007	0.012	0.000000	0.000000	-1807.51	173.09
3	GUIDE	987502584	7.39	4709	-0.150	-0.132	0.047	0.074	18.019725	-37.942381	-499.44	444.03
4	GUIDE	987498320	9.00	4707	-0.060	-0.030	0.079	0.128	17.048953	-38.279861	993.05	-2165.30
5	GUIDE	987500352	9.24	4708	0.028	-0.045	0.071	0.115	18.083574	-38.247676	577.12	731.11
6	GUIDE	987497432	9.47	4709	-0.022	-0.037	0.098	0.156	16.990066	-37.898162	-354.63	-2480.63
7	GUIDE	987500192	9.51	4706	0.206	0.248	0.086	0.139	18.583046	-38.783894	2365.55	2314.78

2.4 Star Slots

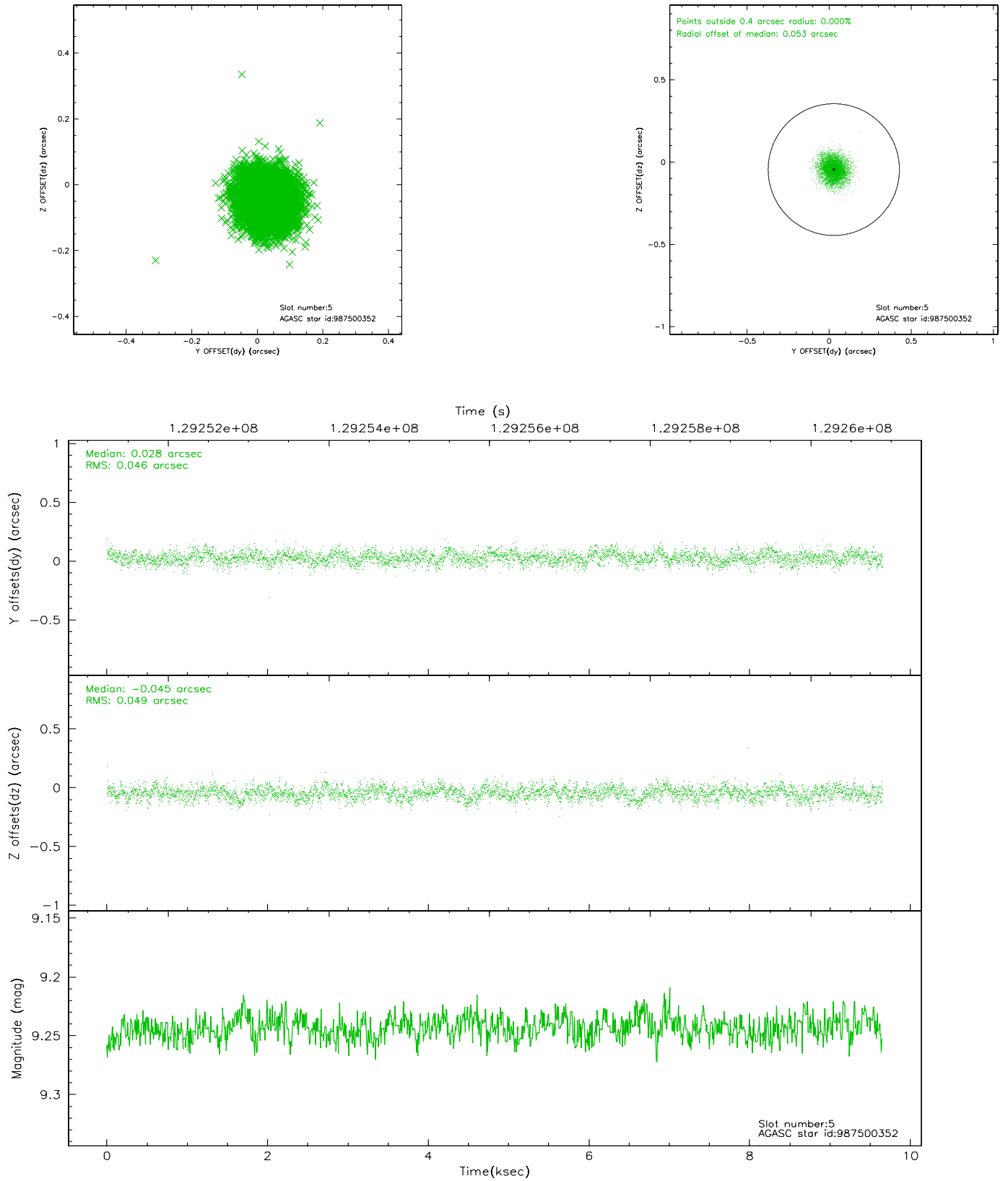
2.4.1 Slot 3



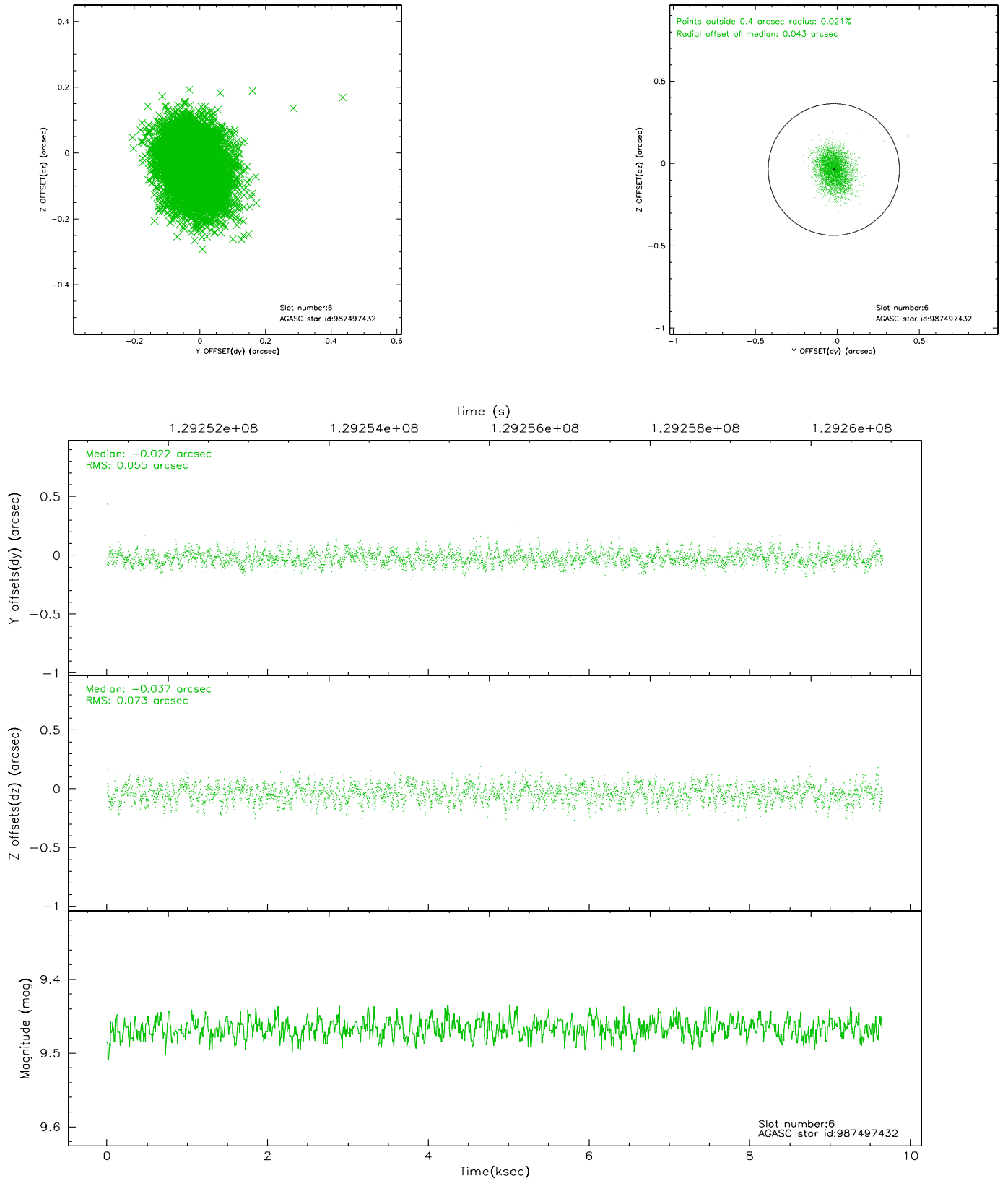
2.4.2 Slot 4



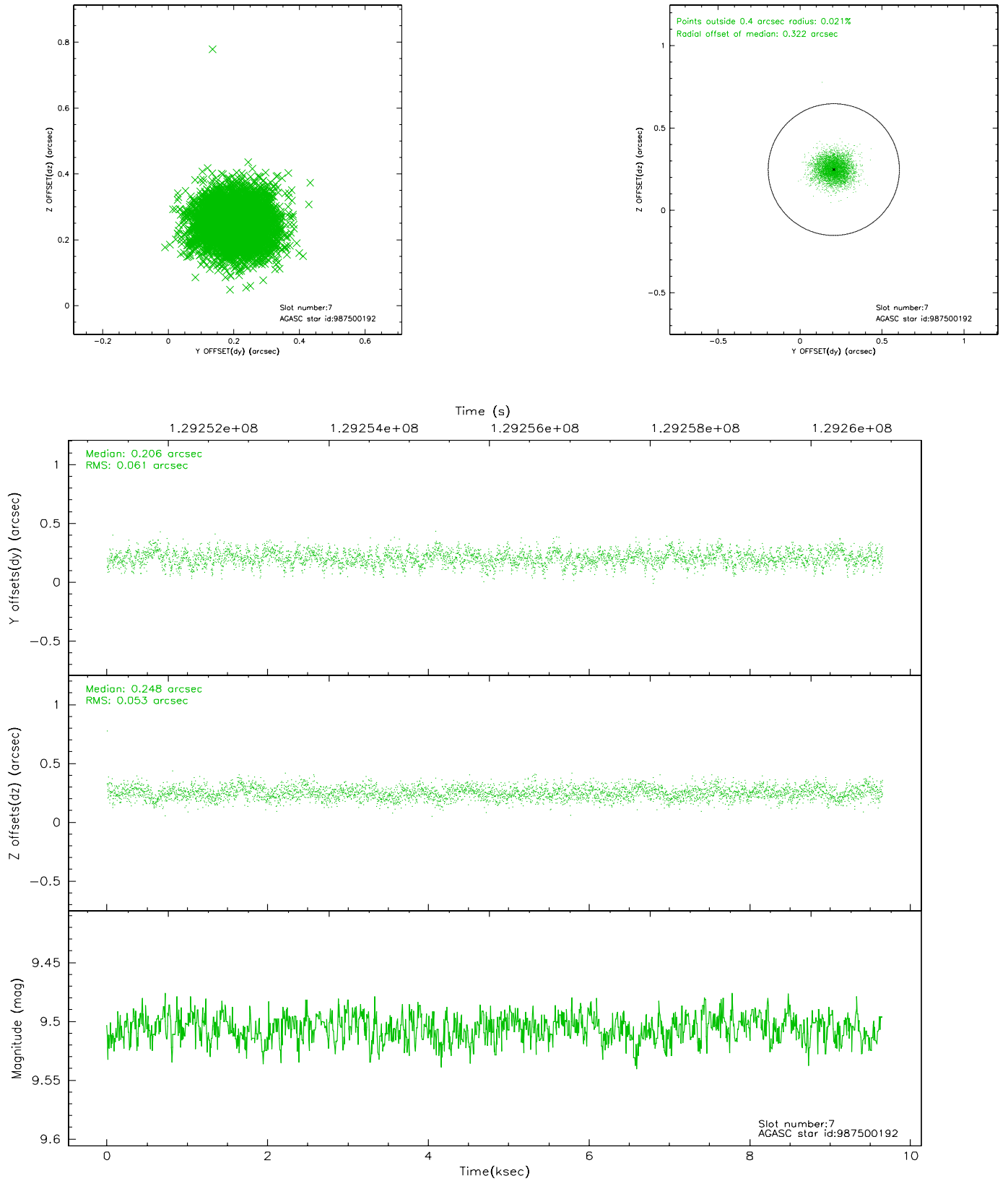
2.4.3 Slot 5



2.4.4 Slot 6

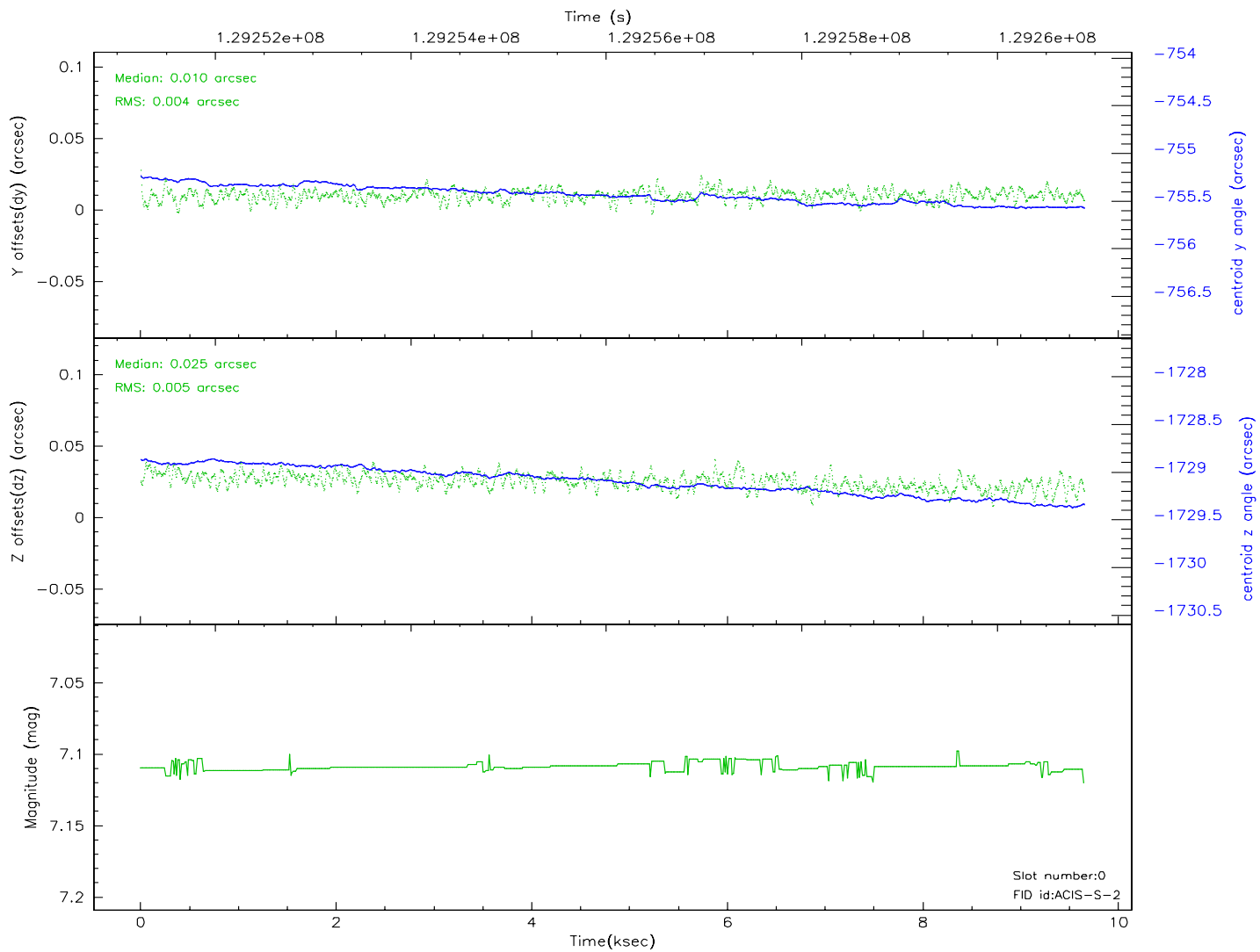
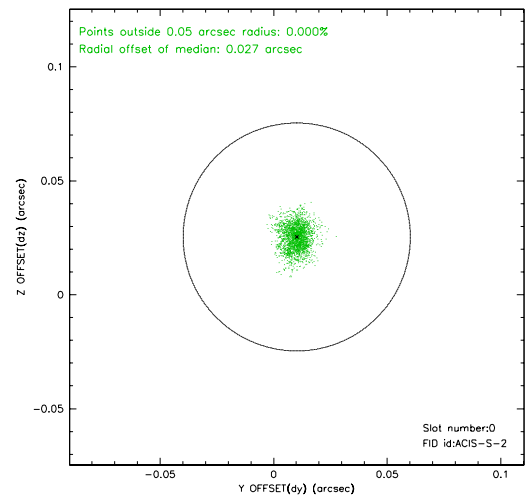
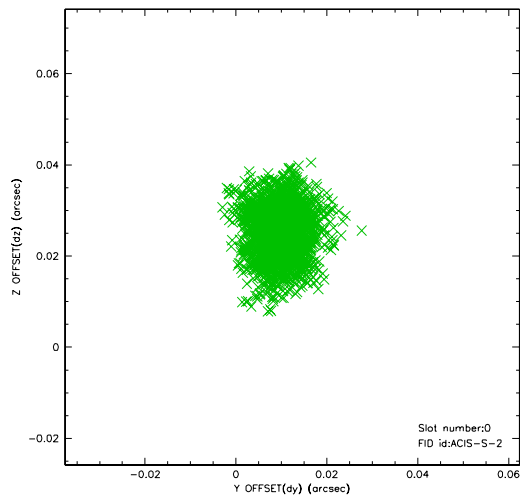


2.4.5 Slot 7

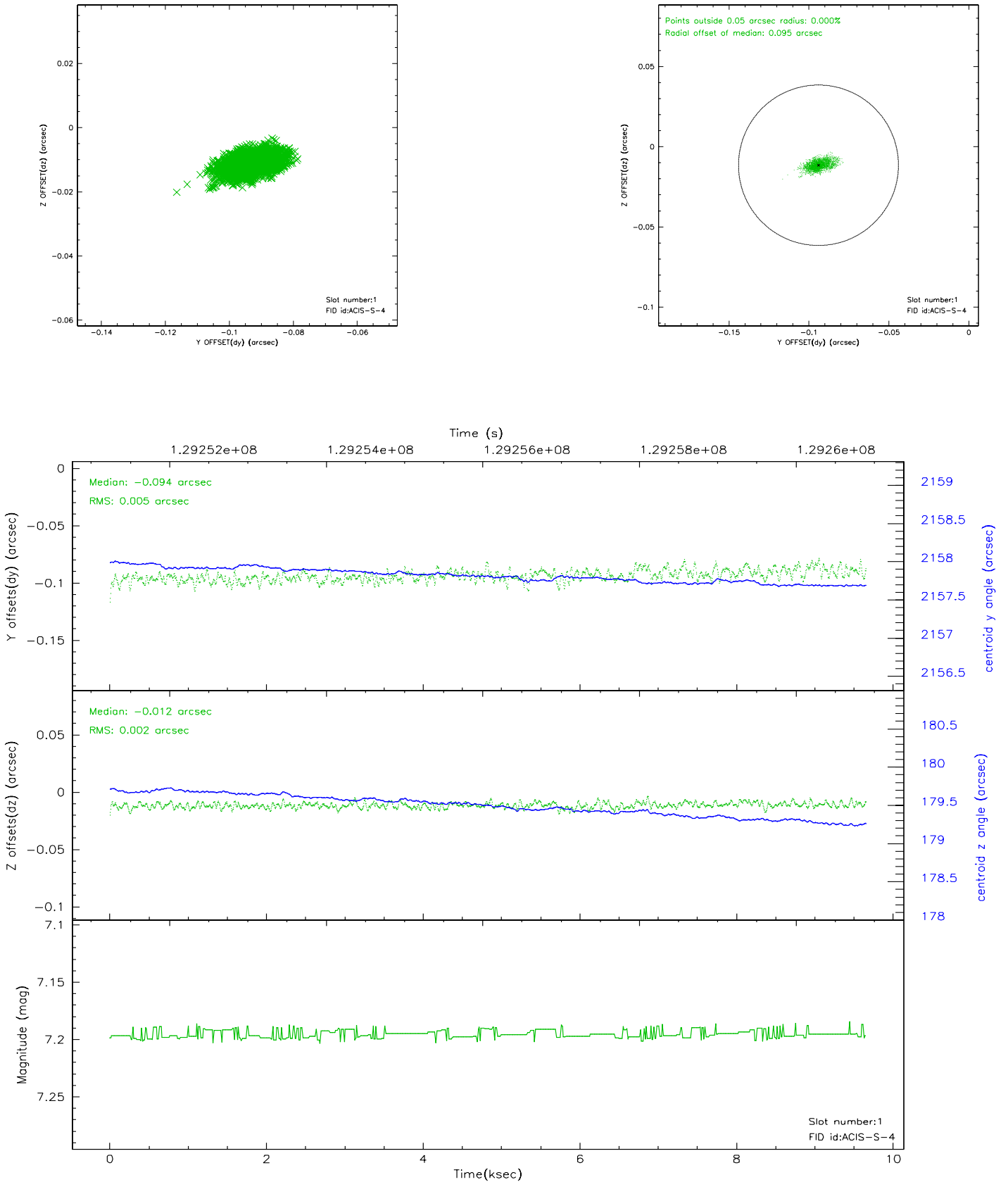


2.5 FID Slots

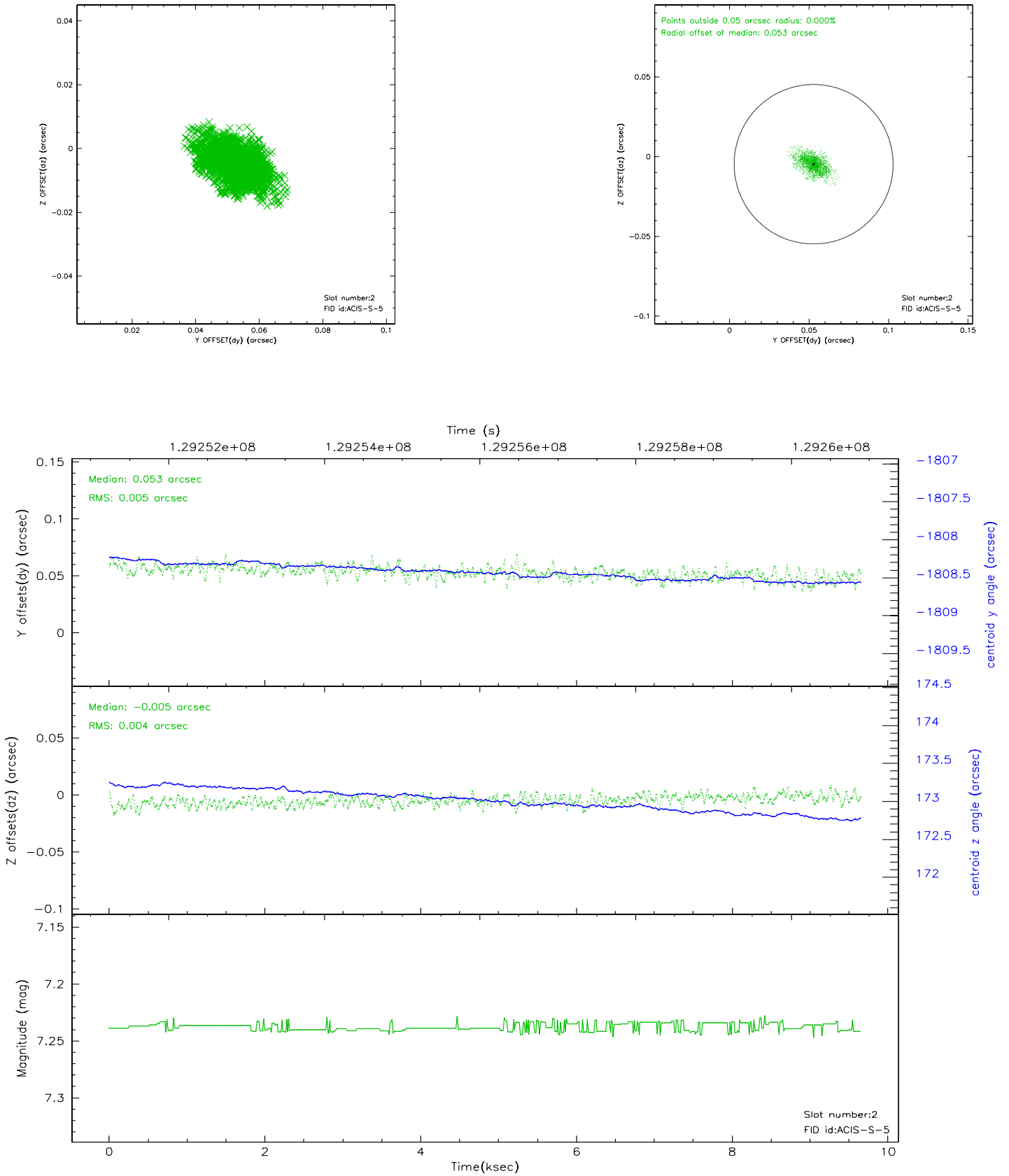
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.08.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.651

A.2 Comments