

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4905 - L2 Version 001
Chandra X-Ray Center

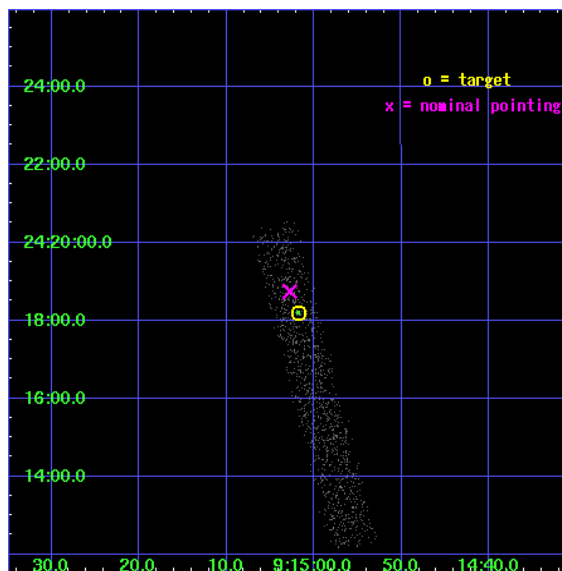
L2 Processing Date : Jun 26 2006

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1 Front

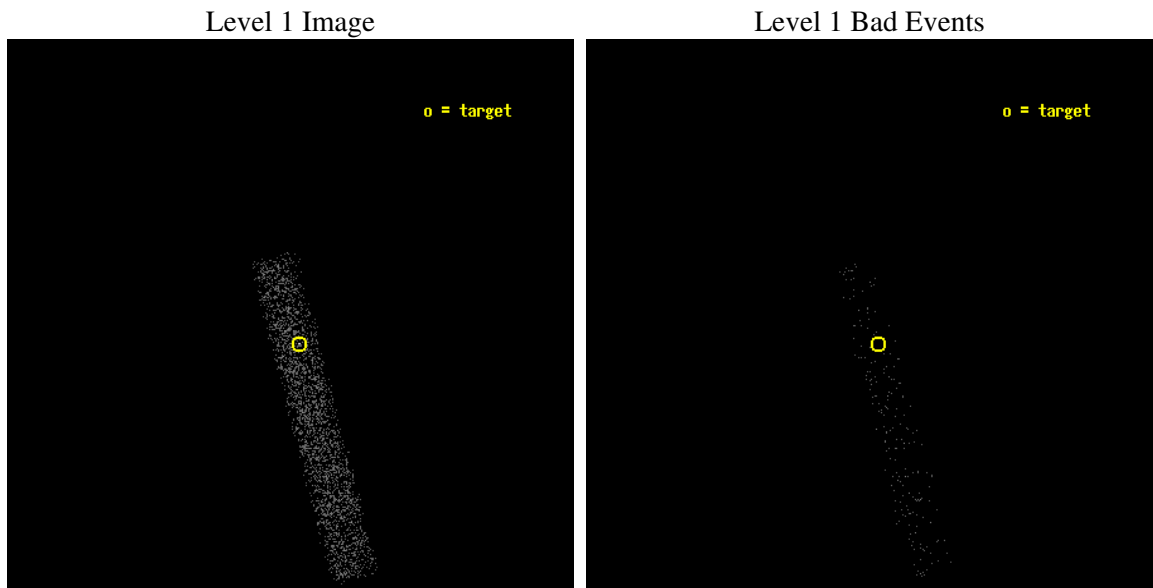
seq_num	700986
obs_id	4905
title	The X-ray Spectra of Red Quasars
observer	Dr Mark Lacy
object	FTM 0915+2418
dtcycle	0
cycle	P
ra_targ	138.757083
dec_targ	24.303389
ra_nom	138.76151302591
dec_nom	24.31234568316
roll_nom	75.518004132131
revision	2
ontime	3533.6000526547
livetime	3204.7887290538
ontime7	3533.6000526547
l2events	1353



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	5
ascdsver	7.6.8
caldsver	3.2.2
date	2006-06-26T22:36:12
revision	2

sched_exp_time	2934.000000
ontime	3793.3482440114
ontime7	3793.3482440114
l1events	3437

2.1.4 Events

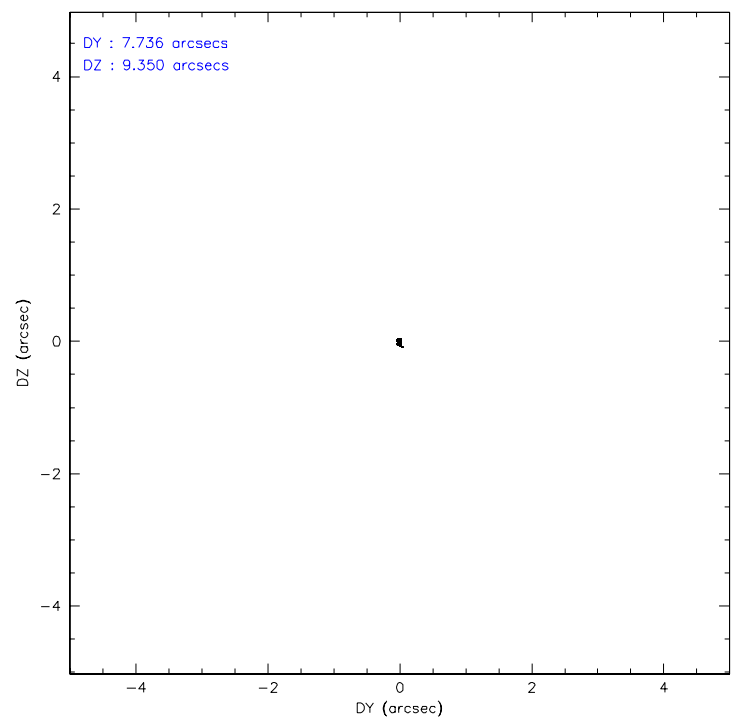
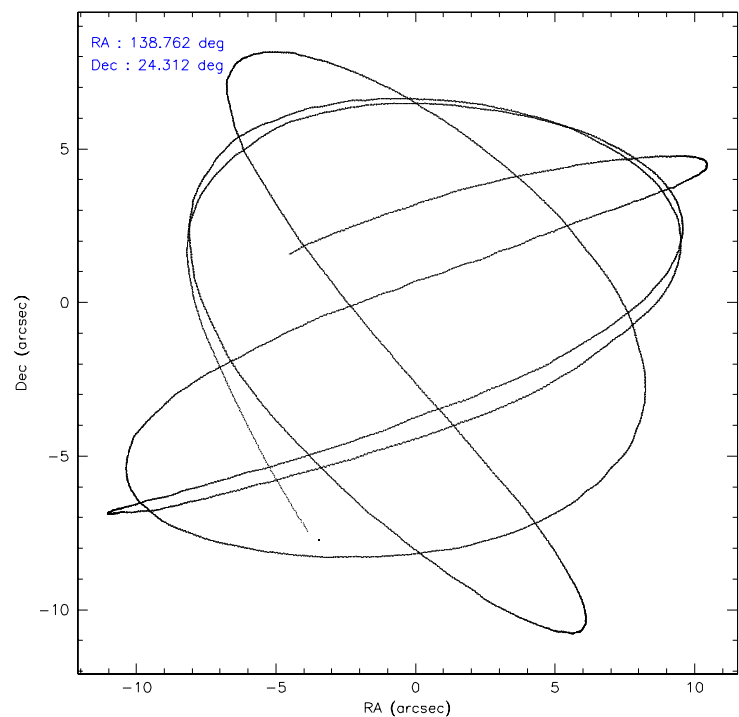
	ccd 7
level 1 events	3437
rejected events	2020
rejected %	58%

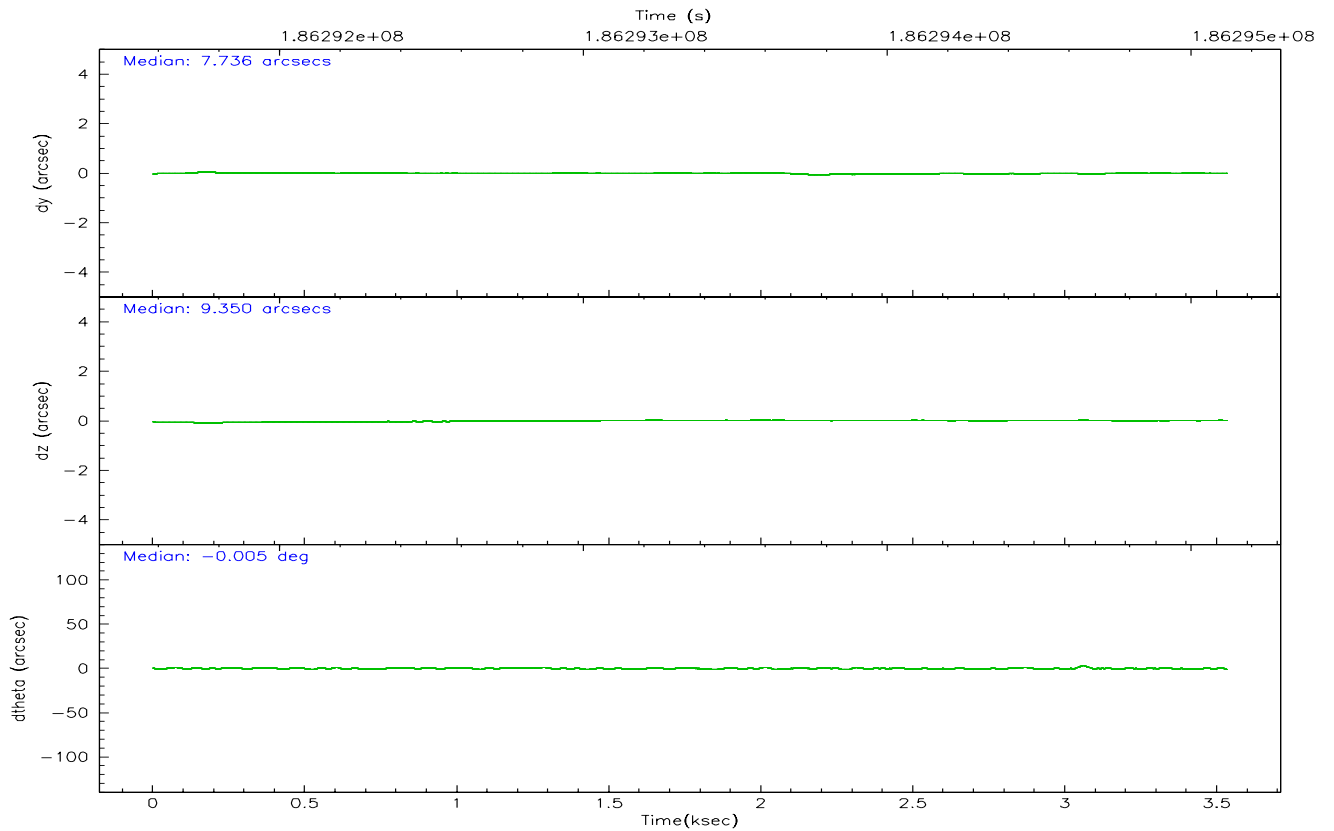
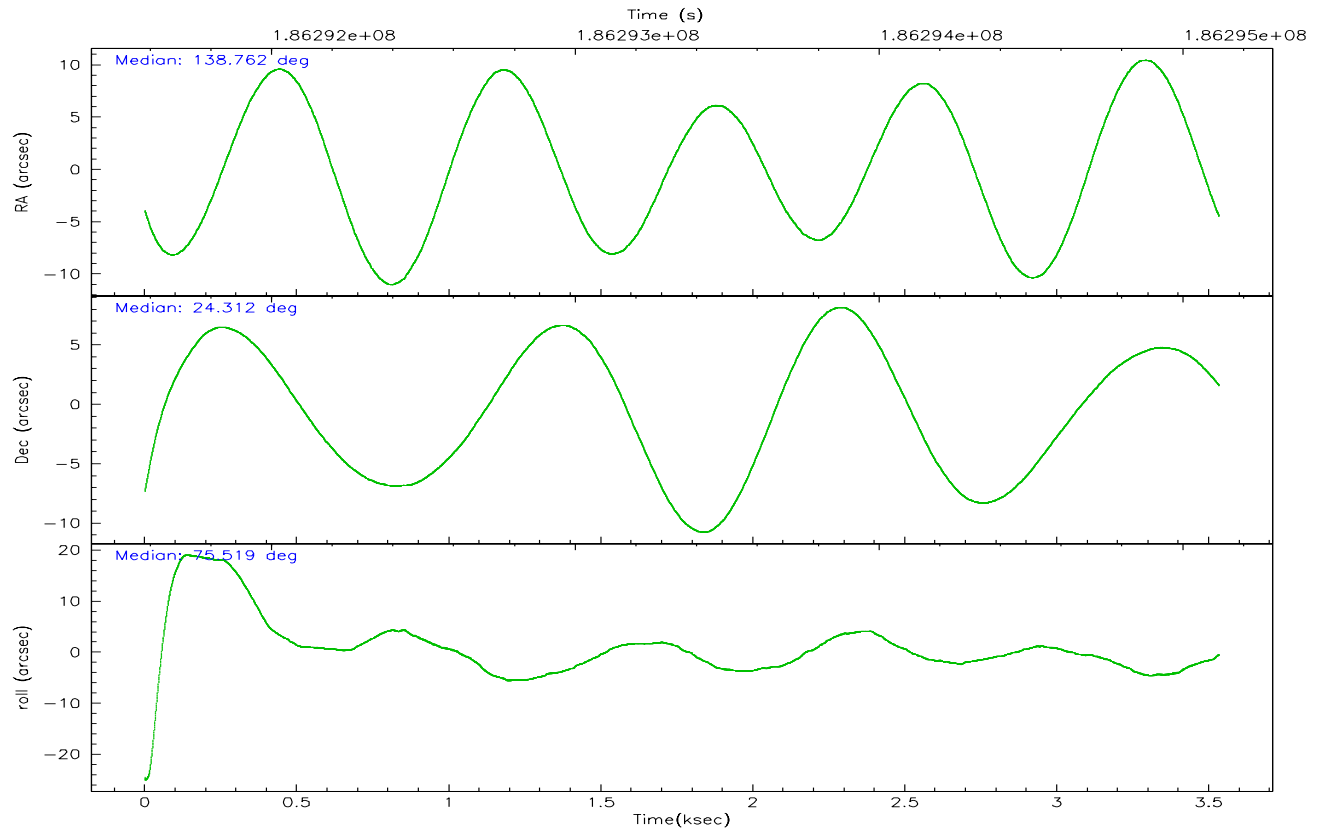
	ccd 7
grade 0 events	126
	3%
grade 1 events	3
	0%
grade 2 events	341
	9%
grade 3 events	161
	4%
grade 4 events	150
	4%
grade 5 events	252
	7%
grade 6 events	740
	21%
grade 7 events	1664
	48%

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	1/8	1/8
Pointing RA	138.769874	138.7615130259063	Subarray start row	0	449
Pointing Dec	24.286043	24.31234568315954	Subarray row count	1024	128
Pointing Roll	75.358085	75.51800413213067	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	0.4
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	186292185.184000	186291014.1172			
Observation start date	2003-11-27T03:48:41	2003-11-27T03:30:14			
Observation end time	186295119.184000	186295751.15491			
Observation end date	2003-11-27T04:37:35	2003-11-27T04:49:11			
Read mode	TIMED	TIMED			

2.3 Aspect



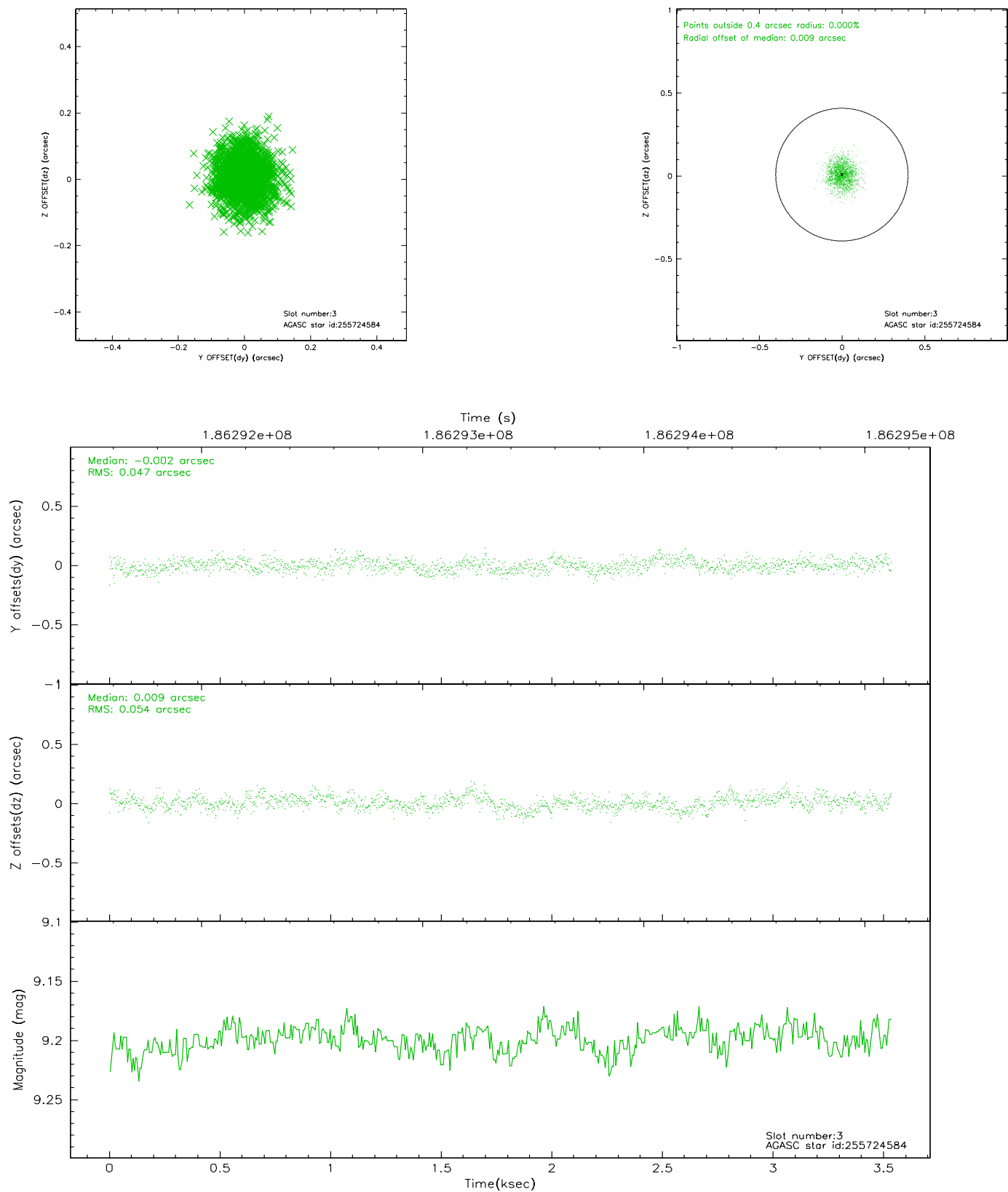


Slot Statistics

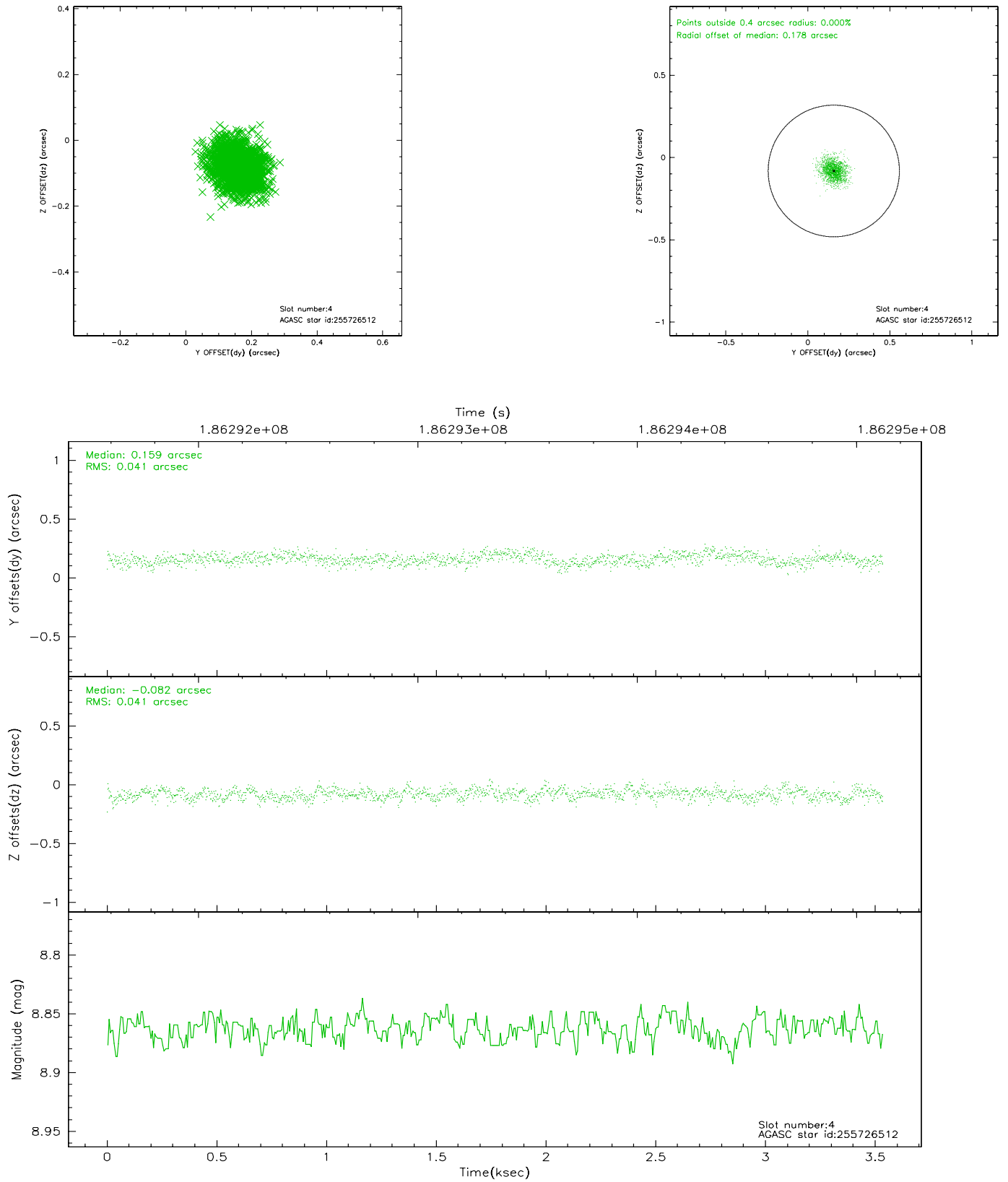
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	862	-0.016	-0.009	0.006	0.010	0.000000	0.000000	-760.49	-1730.54
1	FID	ACIS-S-4	7.20	862	0.039	0.010	0.005	0.009	0.000000	0.000000	2152.00	176.15
2	FID	ACIS-S-5	7.23	863	-0.055	0.008	0.006	0.011	0.000000	0.000000	-1811.11	171.81
3	GUIDE	255724584	9.20	1725	-0.002	0.009	0.076	0.124	138.550926	24.704812	1277.49	1073.94
4	GUIDE	255726512	8.86	1725	0.159	-0.082	0.062	0.103	138.684706	24.278461	-96.79	263.98
5	GUIDE	255726832	7.44	1725	0.048	-0.022	0.058	0.092	138.387922	24.293243	-290.71	1219.72
6	GUIDE	255730840	9.56	1725	0.174	0.178	0.119	0.188	138.845403	23.769978	-1735.18	-709.49
7	GUIDE	256127096	6.70	1724	-0.387	-0.078	0.048	0.081	138.616049	25.011496	2398.02	1145.24

2.4 Star Slots

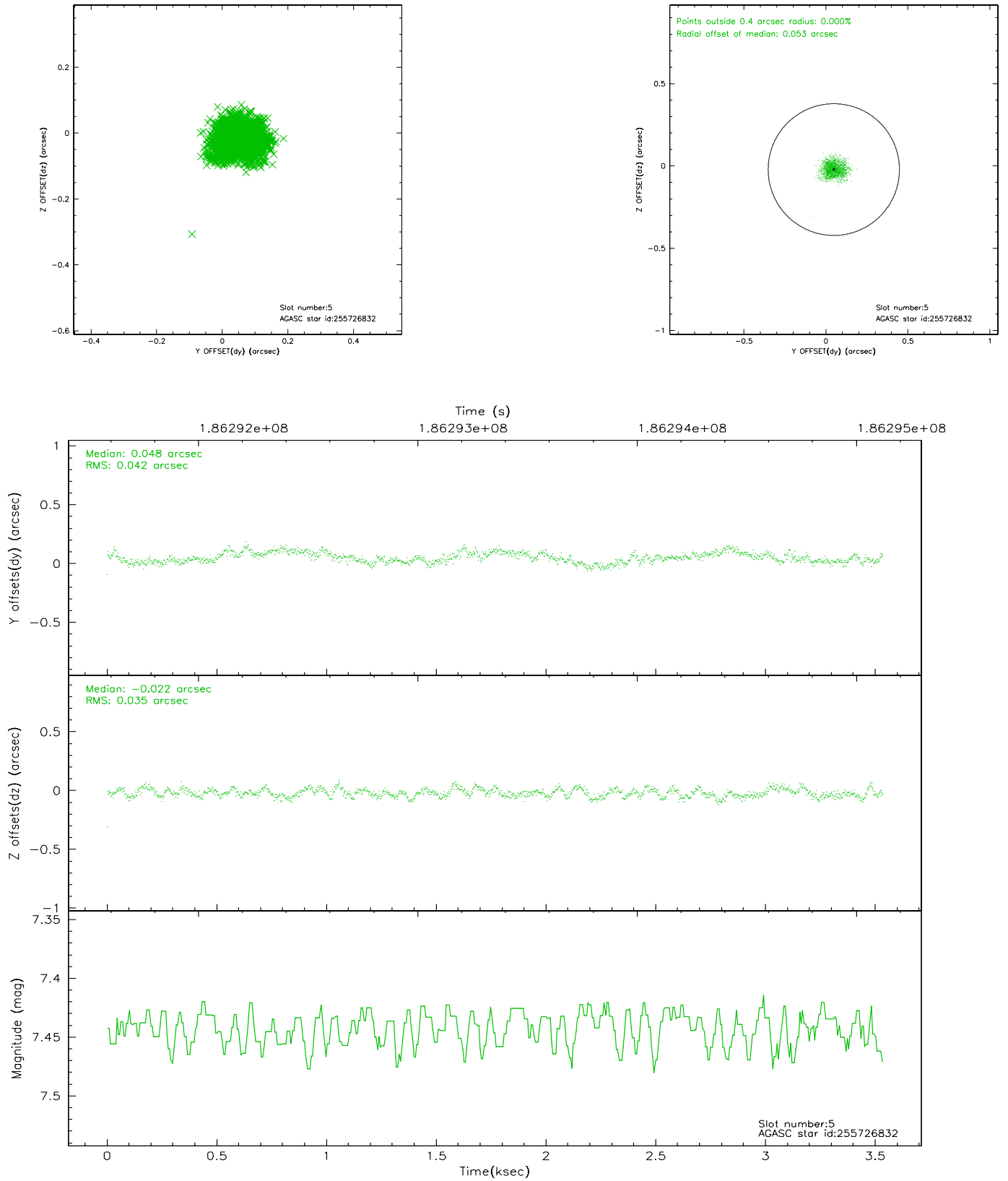
2.4.1 Slot 3



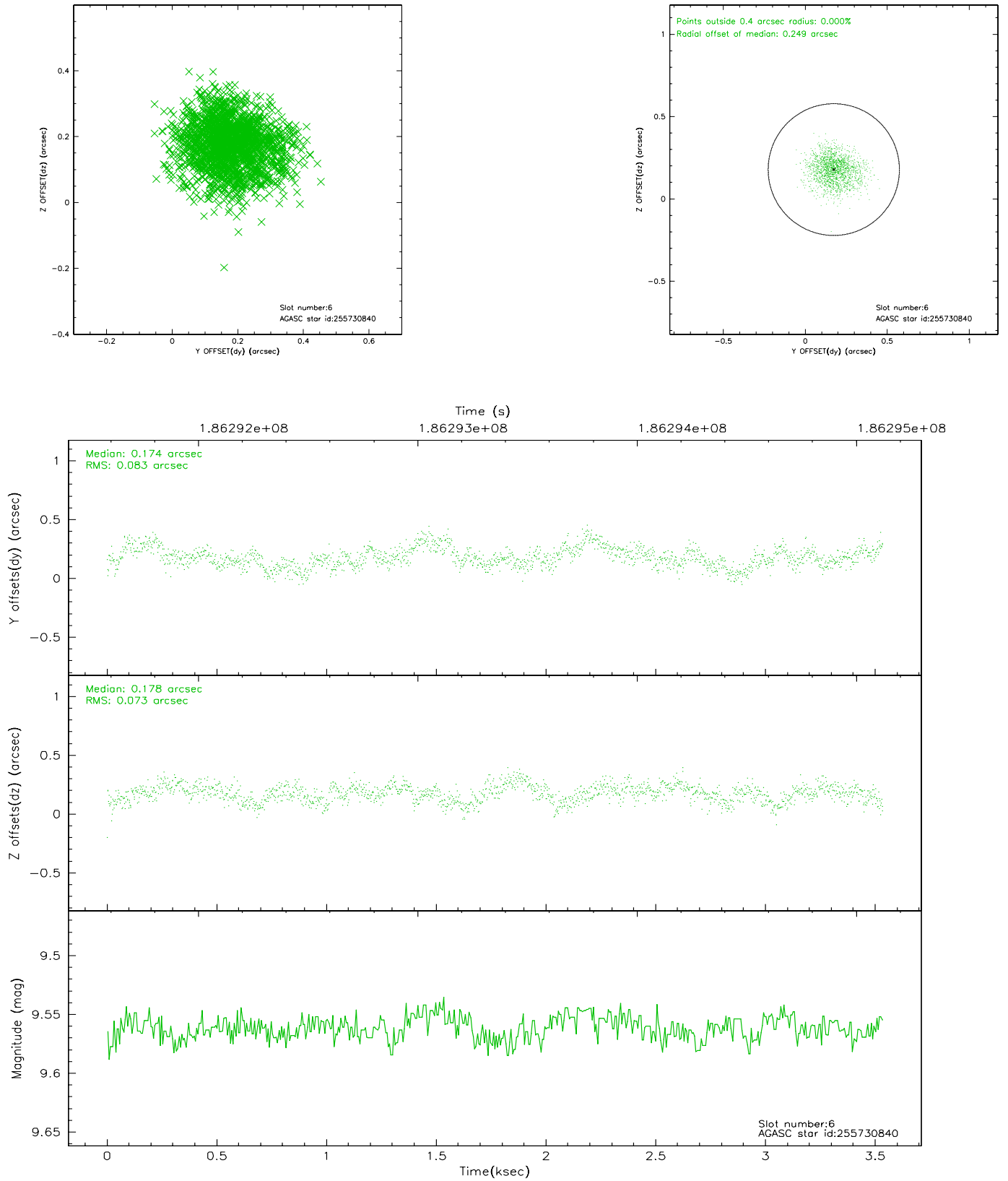
2.4.2 Slot 4



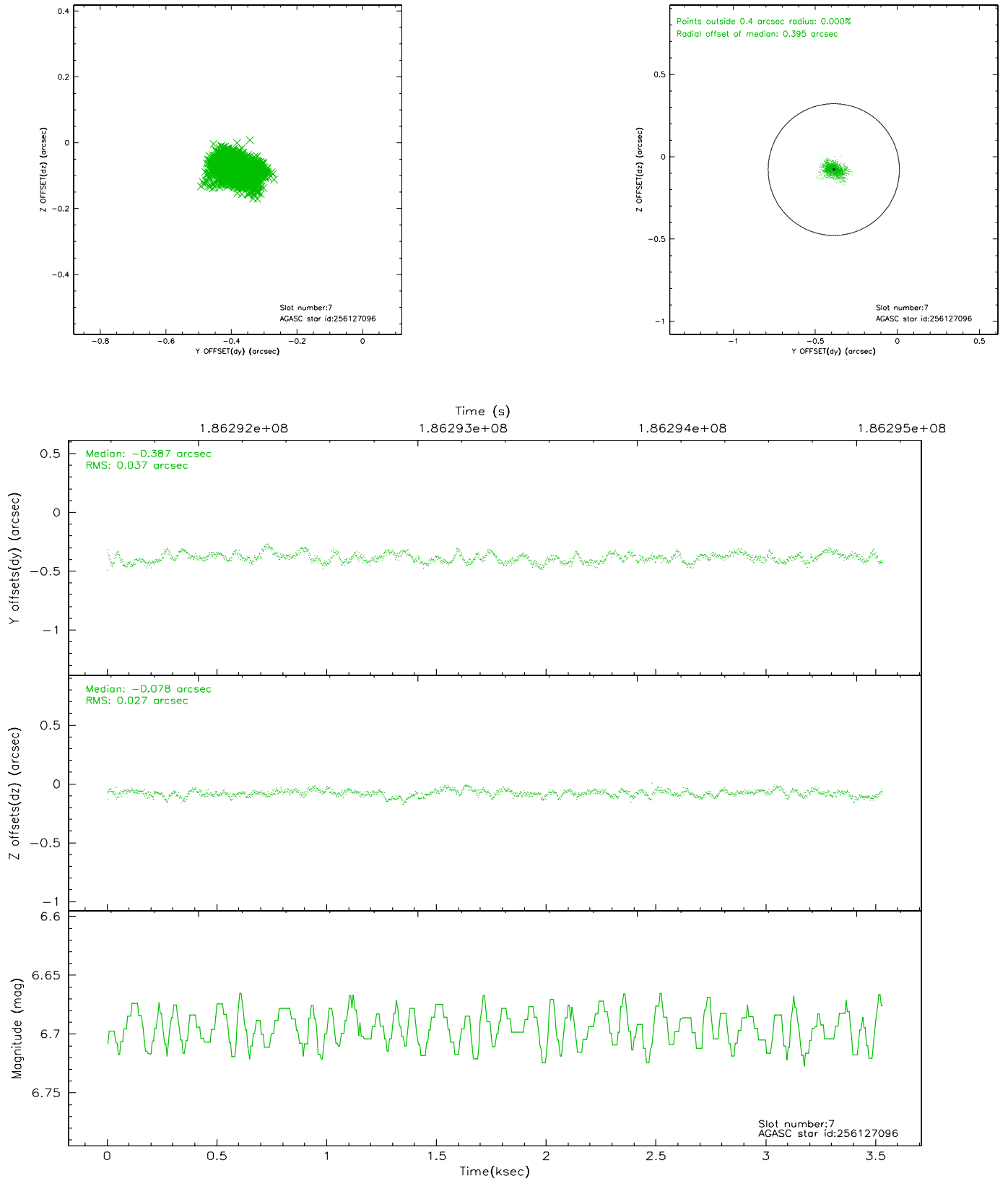
2.4.3 Slot 5



2.4.4 Slot 6

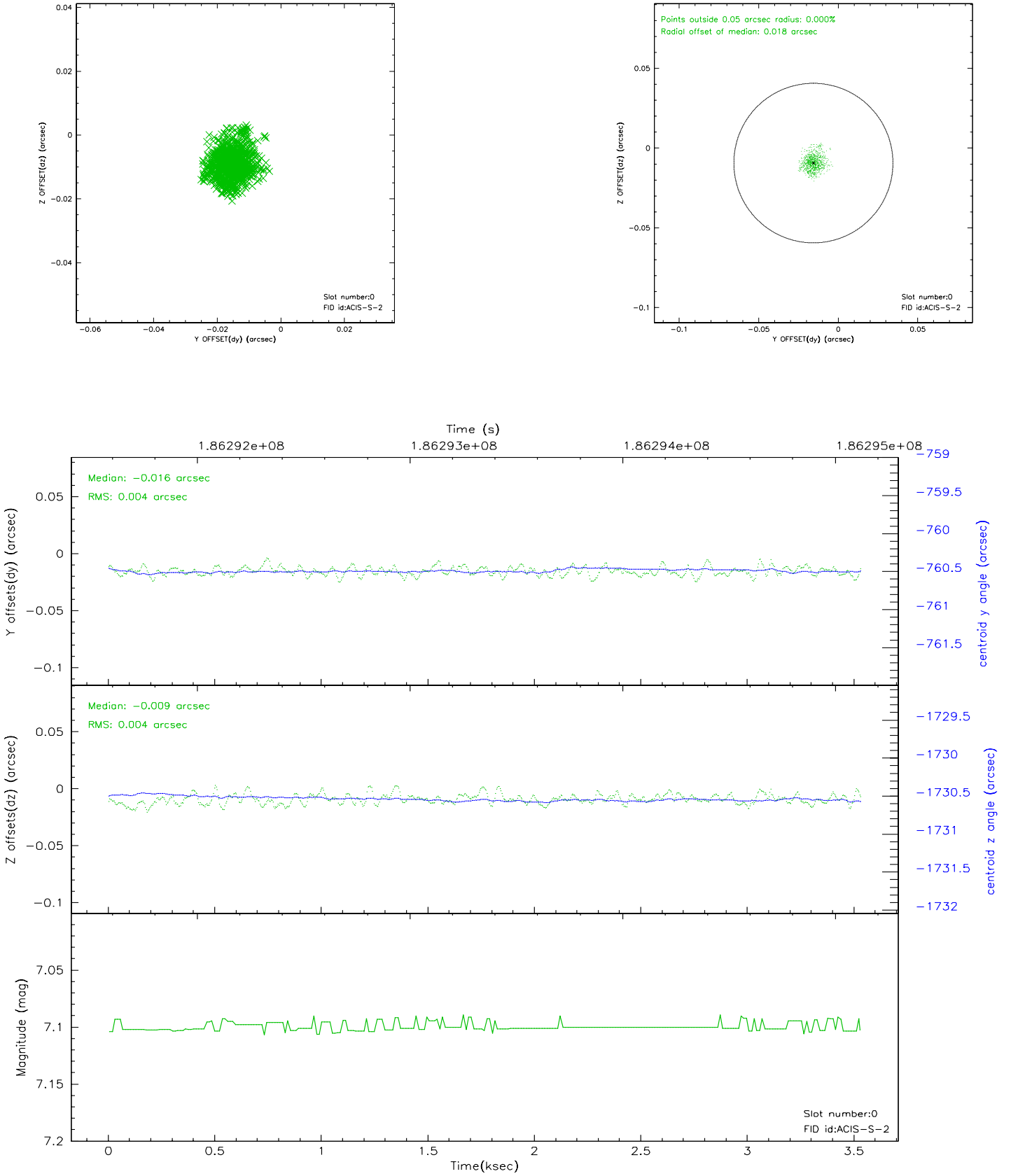


2.4.5 Slot 7

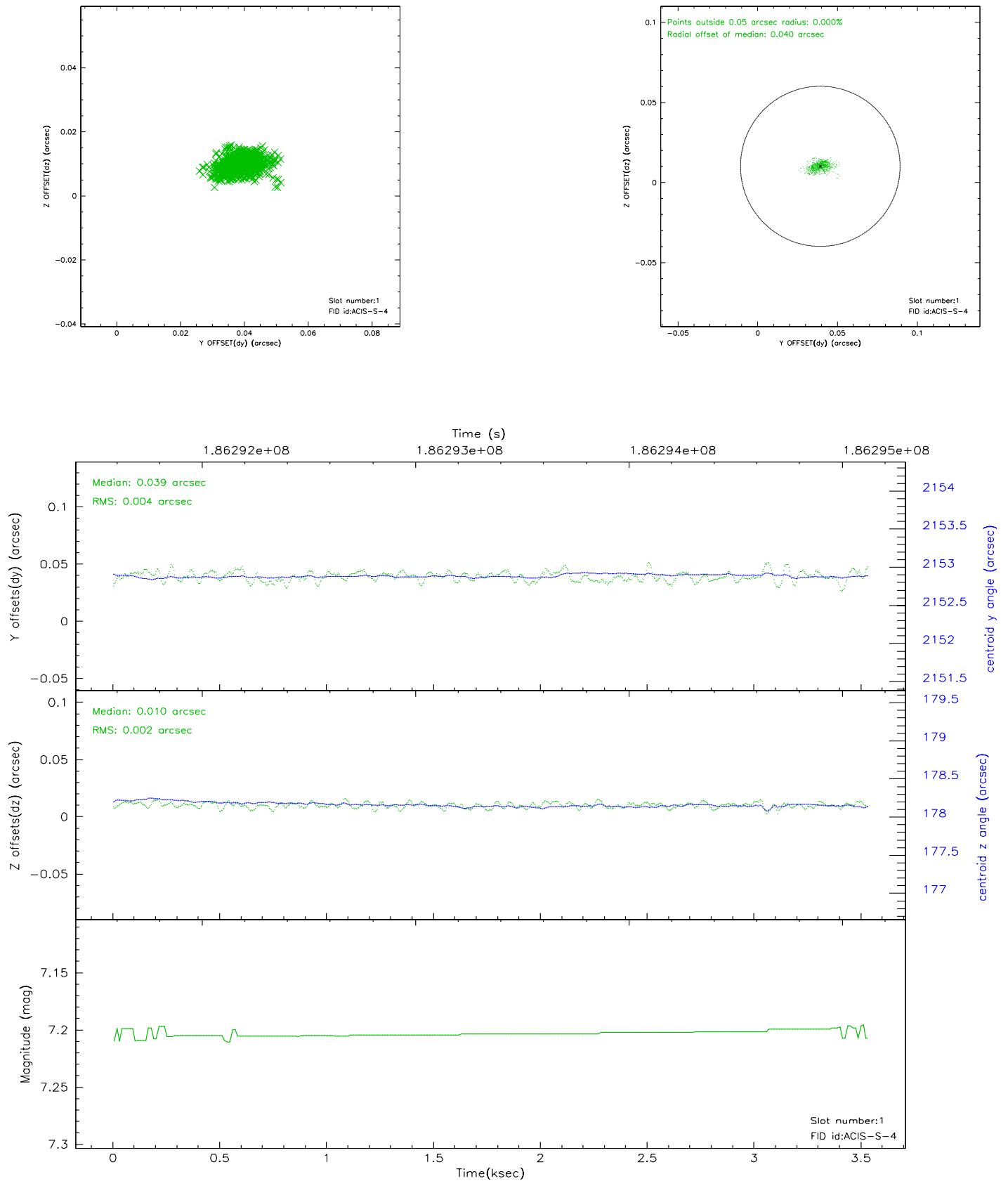


2.5 FID Slots

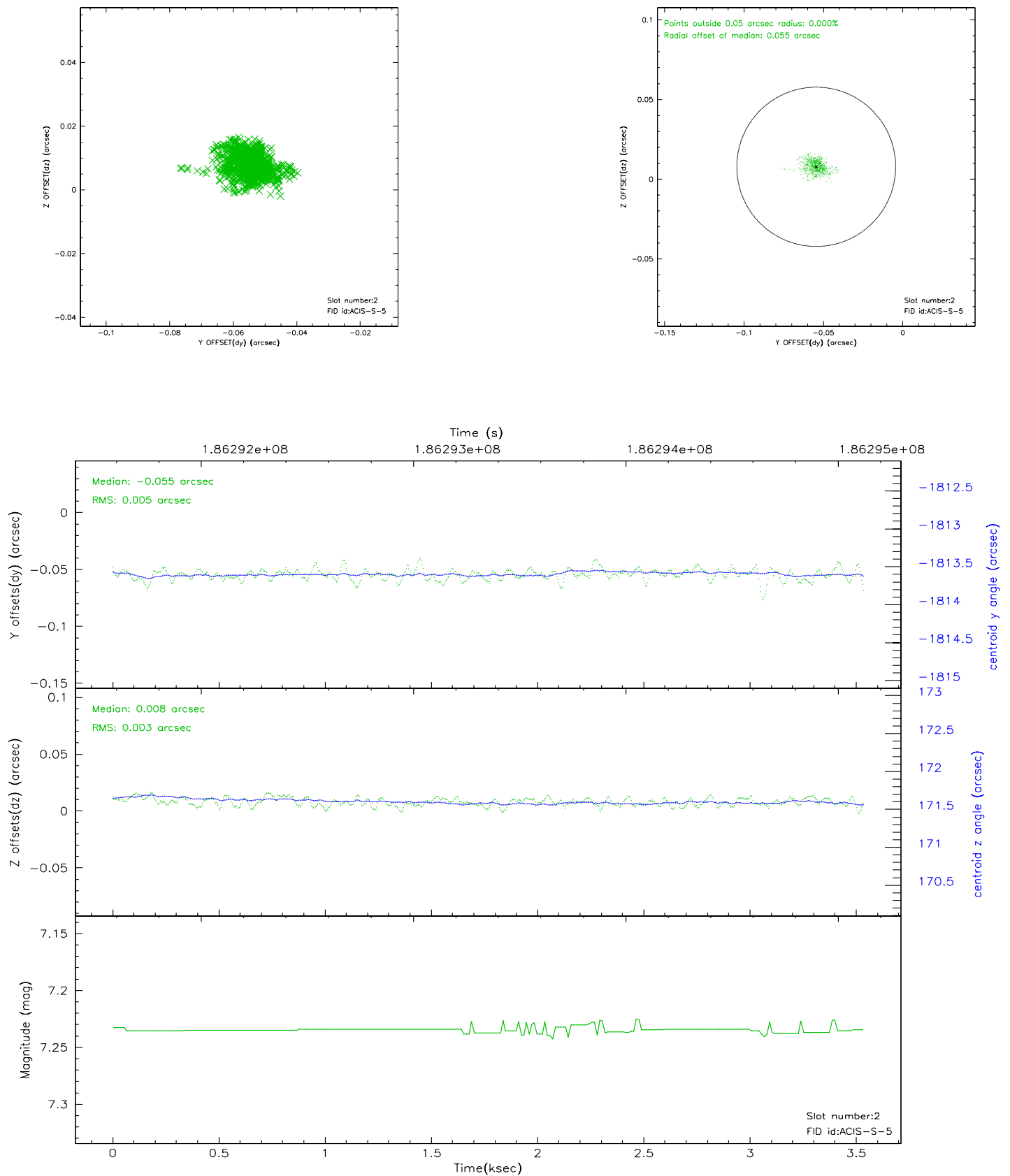
2.5.1 Slot 0



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)	2006.06.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.533

A.2 Comments