

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2465 - L2 Version 001
Chandra X-Ray Center

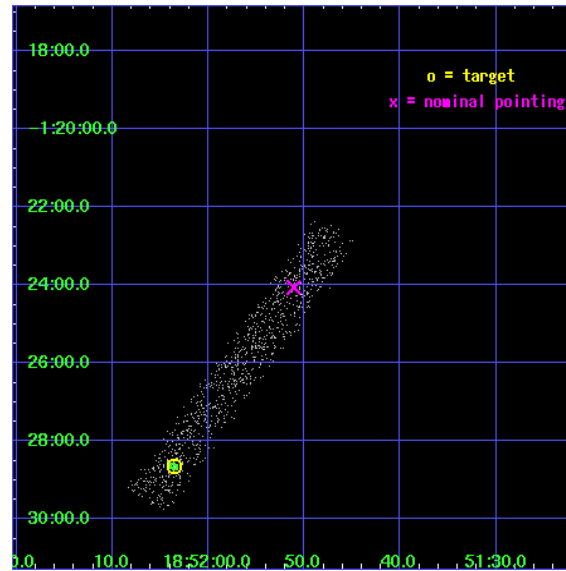
L2 Processing Date : Nov 24 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

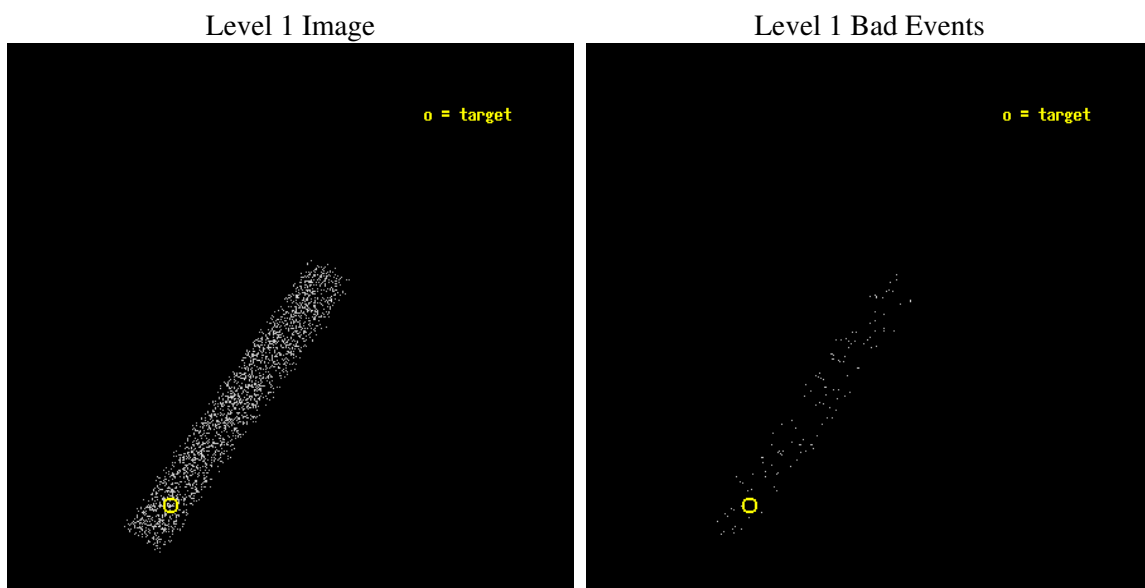
seq_num	300054
obs_id	2465
title	THE RECURRENT NOVA CI AQL
observer	Dr. Jochen Greiner
object	CI AQL
dtcycle	0
cycle	P
ra_targ	283.015
dec_targ	-1.4775
ra_nom	282.96291529925
dec_nom	-1.4009870508139
roll_nom	125.37822959374
revision	2
ontime	2152.0000320673
livedtime	1951.7504372096
ontime7	2152.0000320673
l2events	1082



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2006-11-25T03:39:29
revision	2

sched_exp_time	2000.000000
ontime	3253.5119167119
ontime7	3253.5119167119
l1events	3857

2.1.4 Events

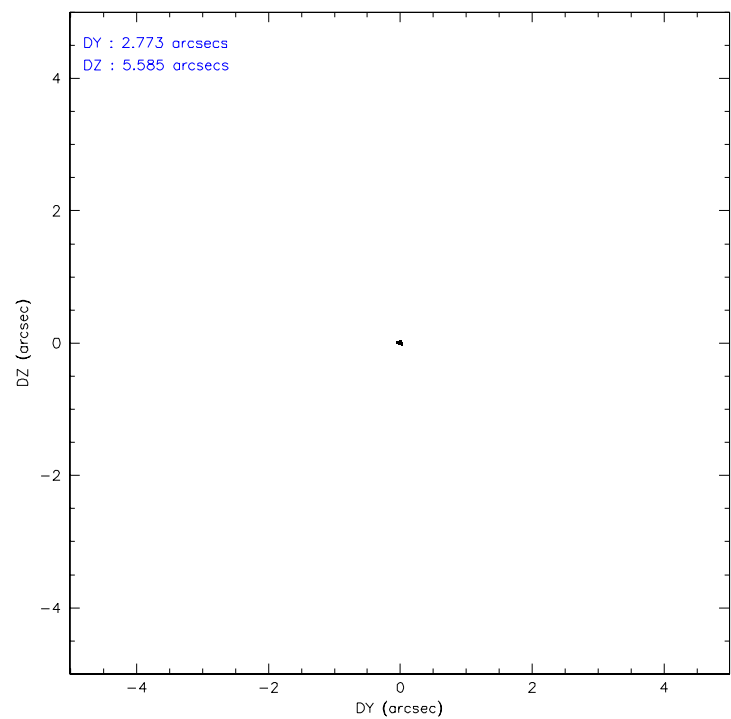
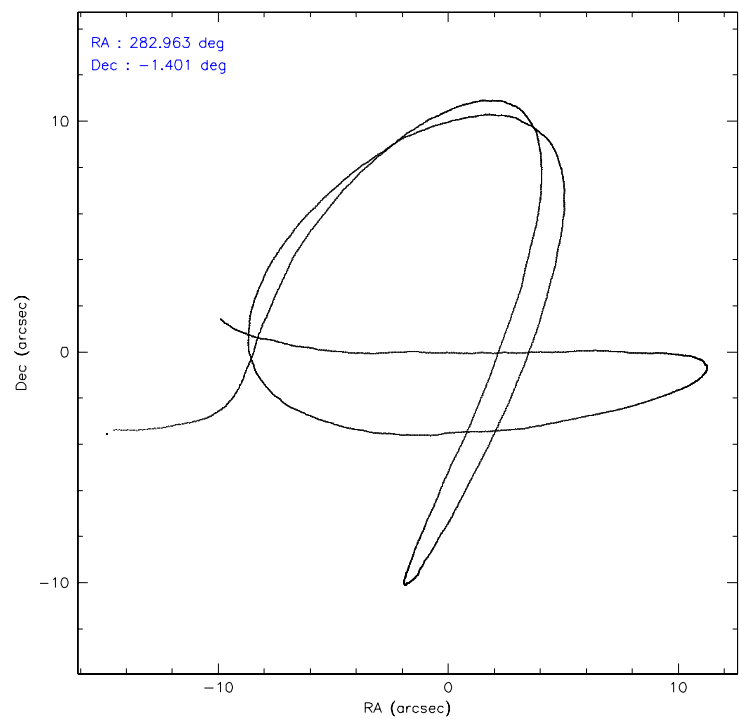
	ccd 7
level 1 events	3857
rejected events	2723
rejected %	70%

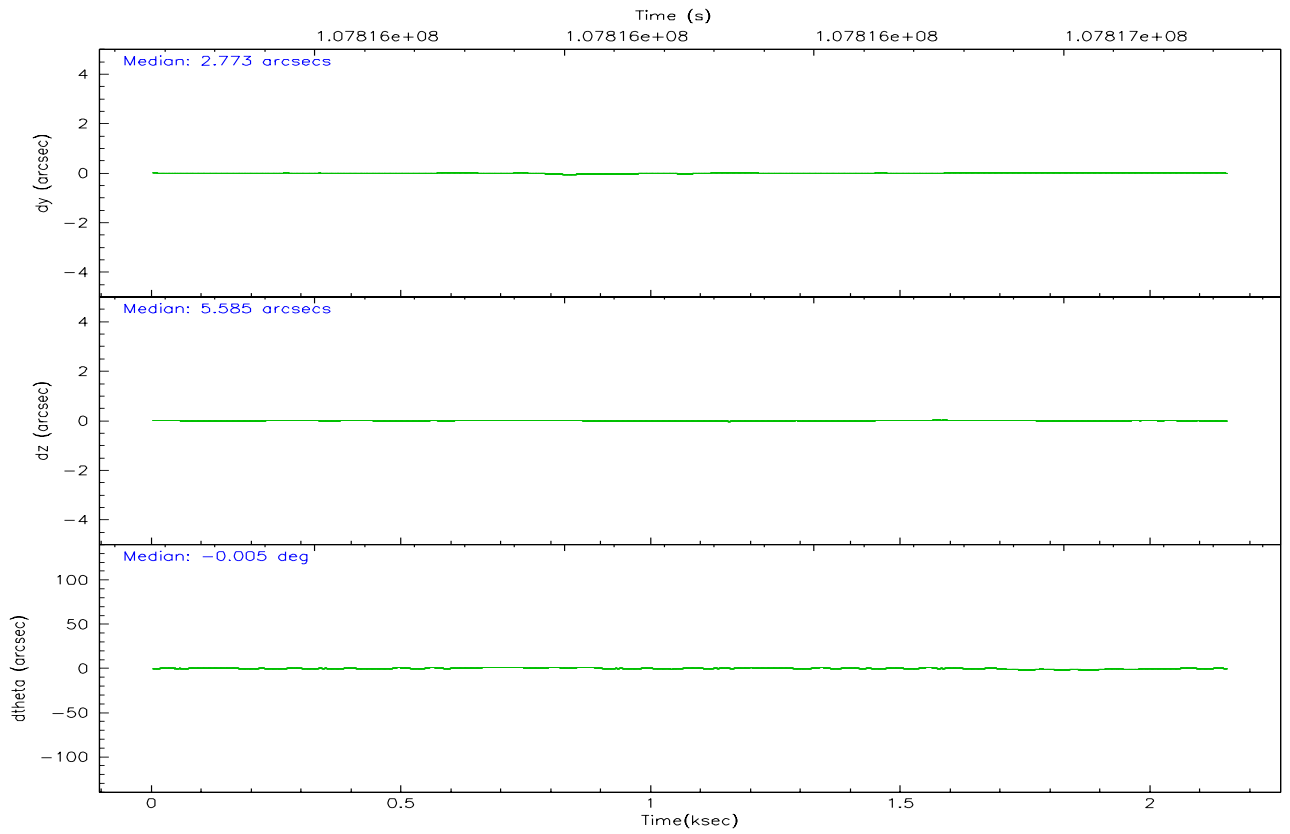
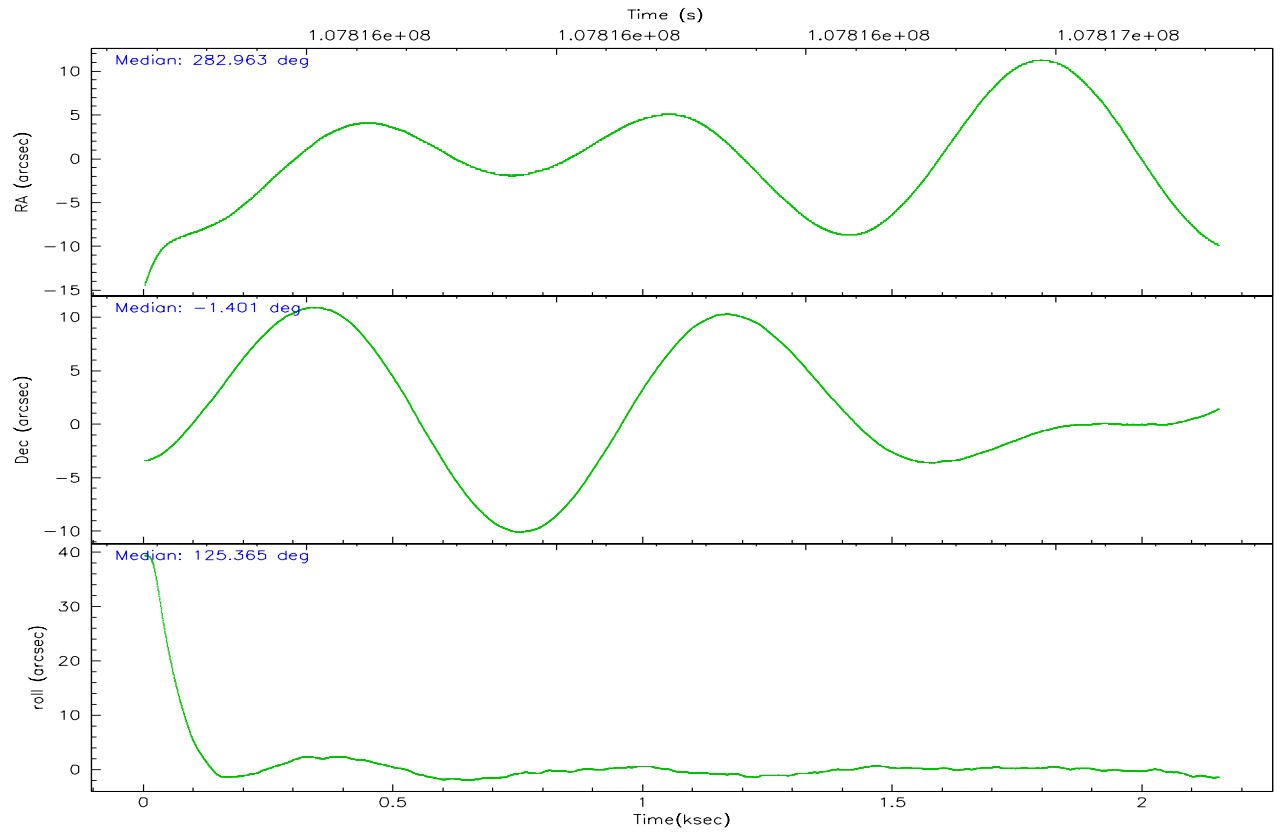
	ccd 7
grade 0 events	132
	3%
grade 1 events	0
	0%
grade 2 events	395
	10%
grade 3 events	184
	4%
grade 4 events	191
	4%
grade 5 events	272
	7%
grade 6 events	805
	20%
grade 7 events	1878
	48%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	282.987989	282.9629152992521	Subarray requested	1/8	1/8
Pointing Dec	-1.412092	-1.400987050813908	Subarray start row	0	449
Pointing Roll	125.221965	125.3782295937425	Subarray row count	1024	128
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	0.4
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	107815332.184000	107814079.38347			
Observation start date	2001-06-01T20:41:08	2001-06-01T20:21:19			
Observation end time	107817332.184000	107818278.29613			
Observation end date	2001-06-01T21:14:28	2001-06-01T21:31:18			
Read mode	TIMED	TIMED			

2.3 Aspect



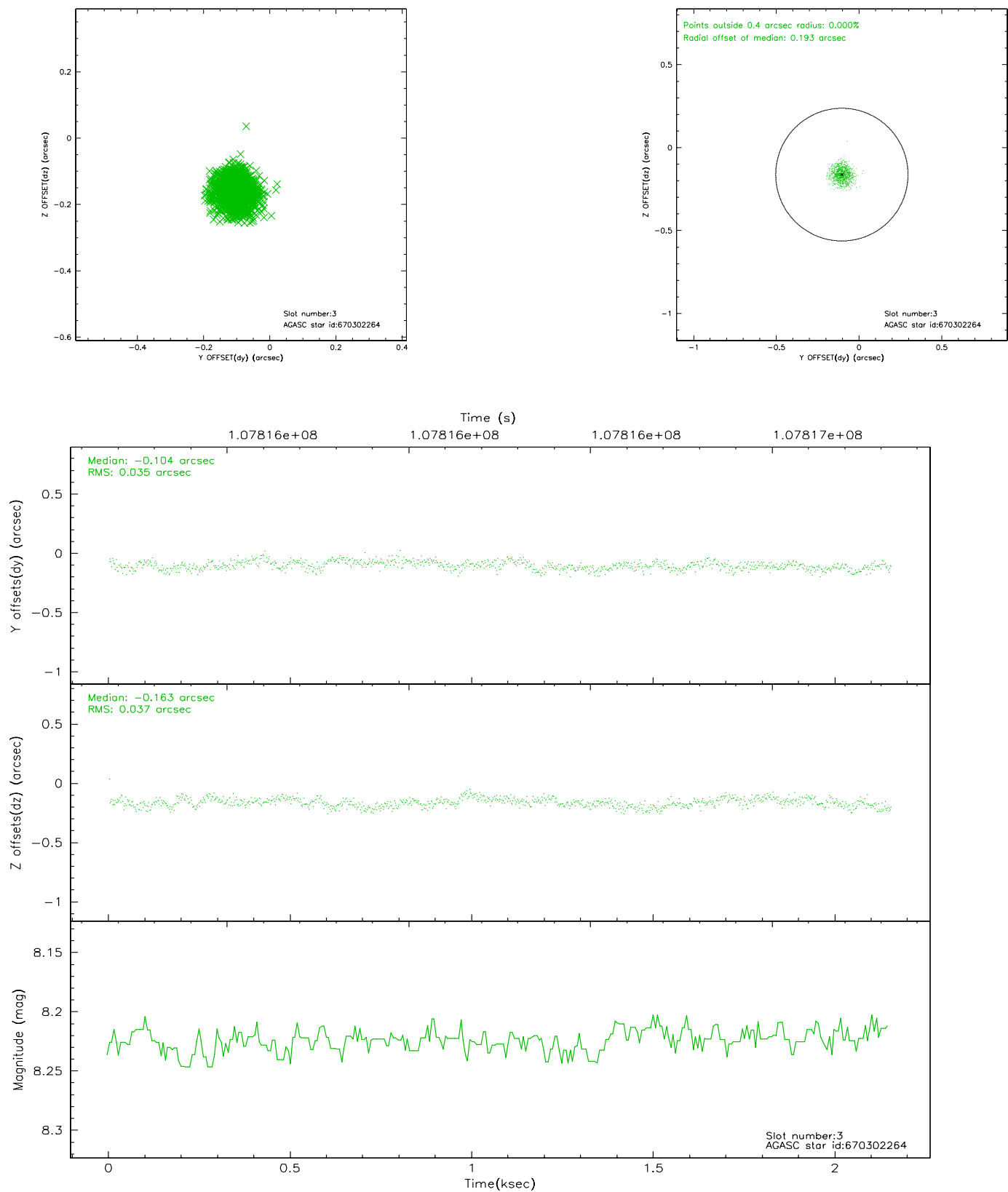


Slot Statistics

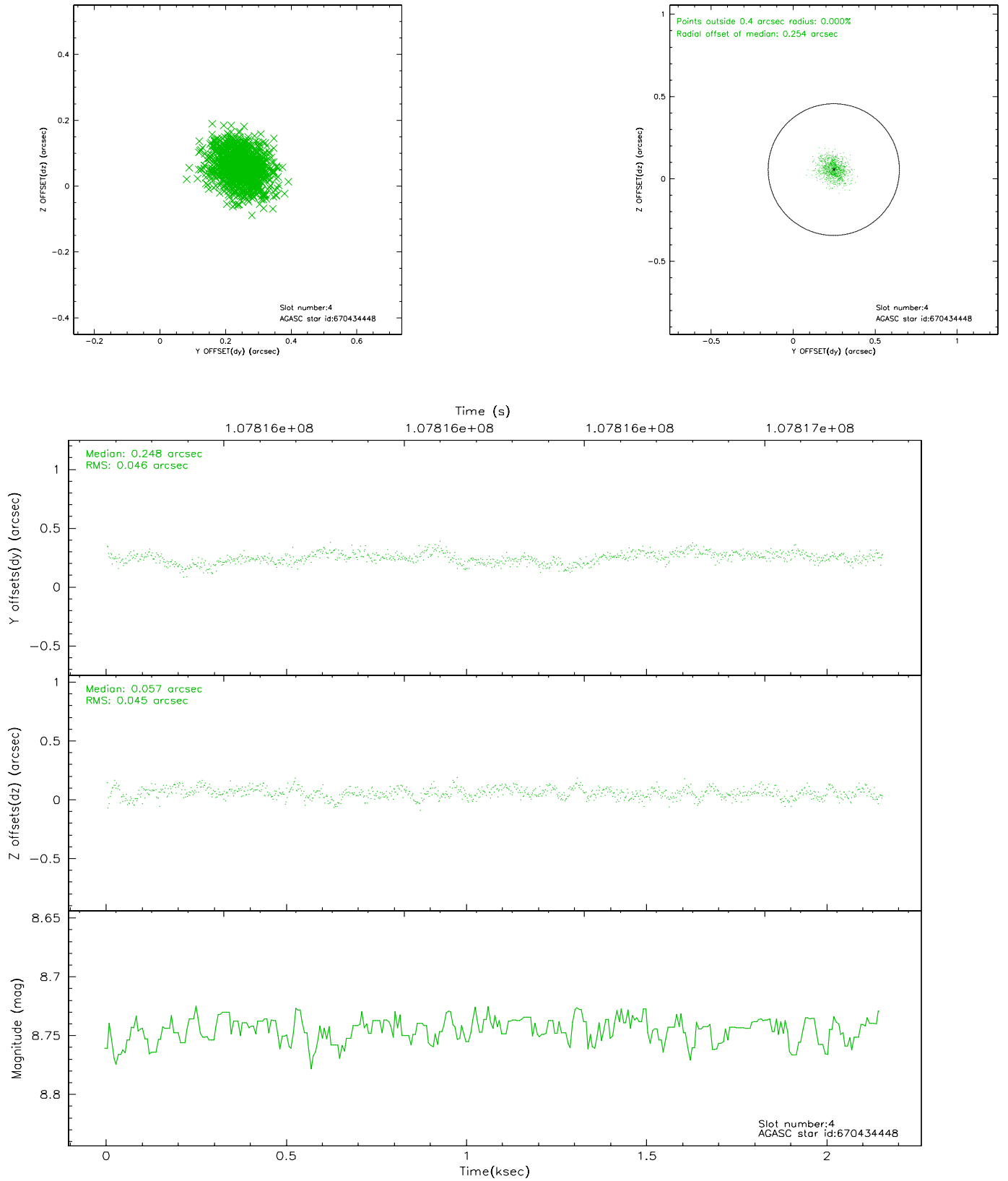
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-3	7.36	525	-0.086	-0.007	0.009	0.015	0.000000	0.000000	57.73	-1855.73
1	FID	ACIS-S-4	7.20	525	-0.057	0.049	0.009	0.015	0.000000	0.000000	2157.99	178.52
2	FID	ACIS-S-5	7.24	525	0.115	-0.032	0.007	0.013	0.000000	0.000000	-1804.23	175.76
3	GUIDE	670302264	8.22	1050	-0.104	-0.163	0.056	0.085	282.998490	-1.707937	-892.97	583.13
4	GUIDE	670434448	8.74	1051	0.248	0.057	0.068	0.113	283.522579	-1.306427	-800.18	-1790.48
5	GUIDE	670307416	8.95	1050	-0.009	-0.104	0.066	0.111	282.888823	-1.552742	-209.43	581.79
6	GUIDE	670302816	9.19	1051	0.031	-0.099	0.085	0.136	282.920827	-1.759792	-884.43	919.71
7	GUIDE	670438848	9.50	1050	-0.169	0.313	0.129	0.197	283.647676	-1.296382	-1030.72	-2178.60

2.4 Star Slots

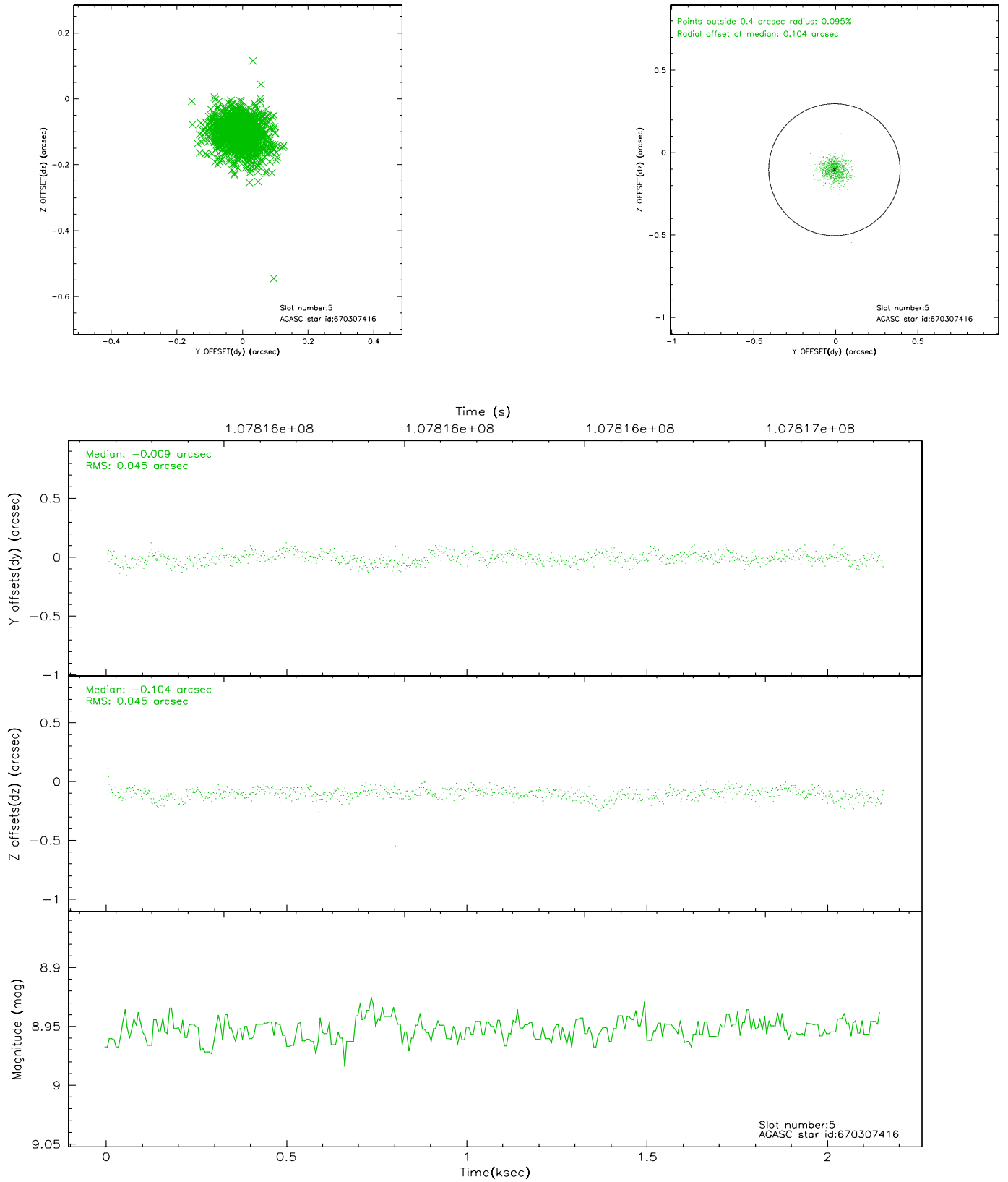
2.4.1 Slot 3



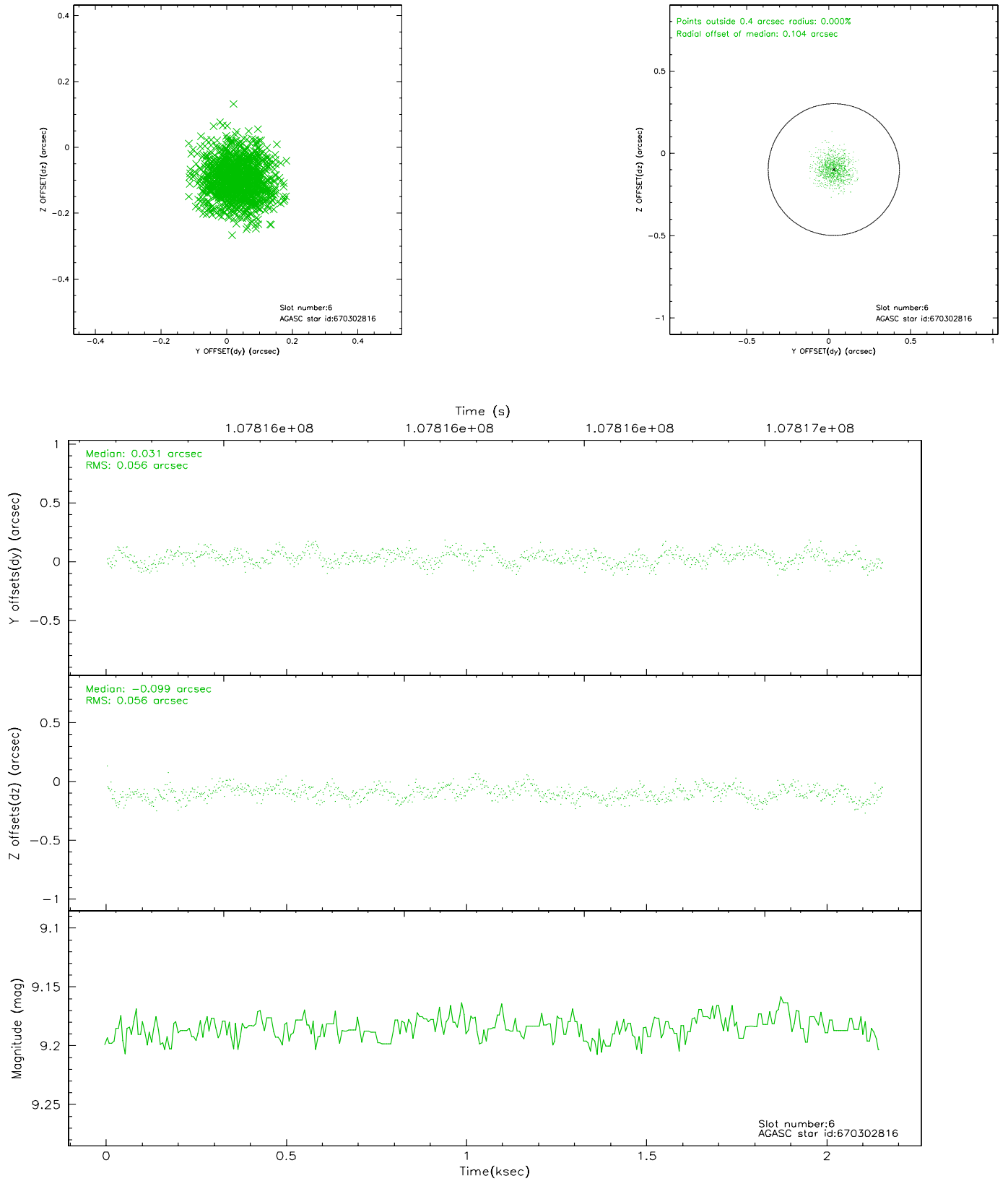
2.4.2 Slot 4



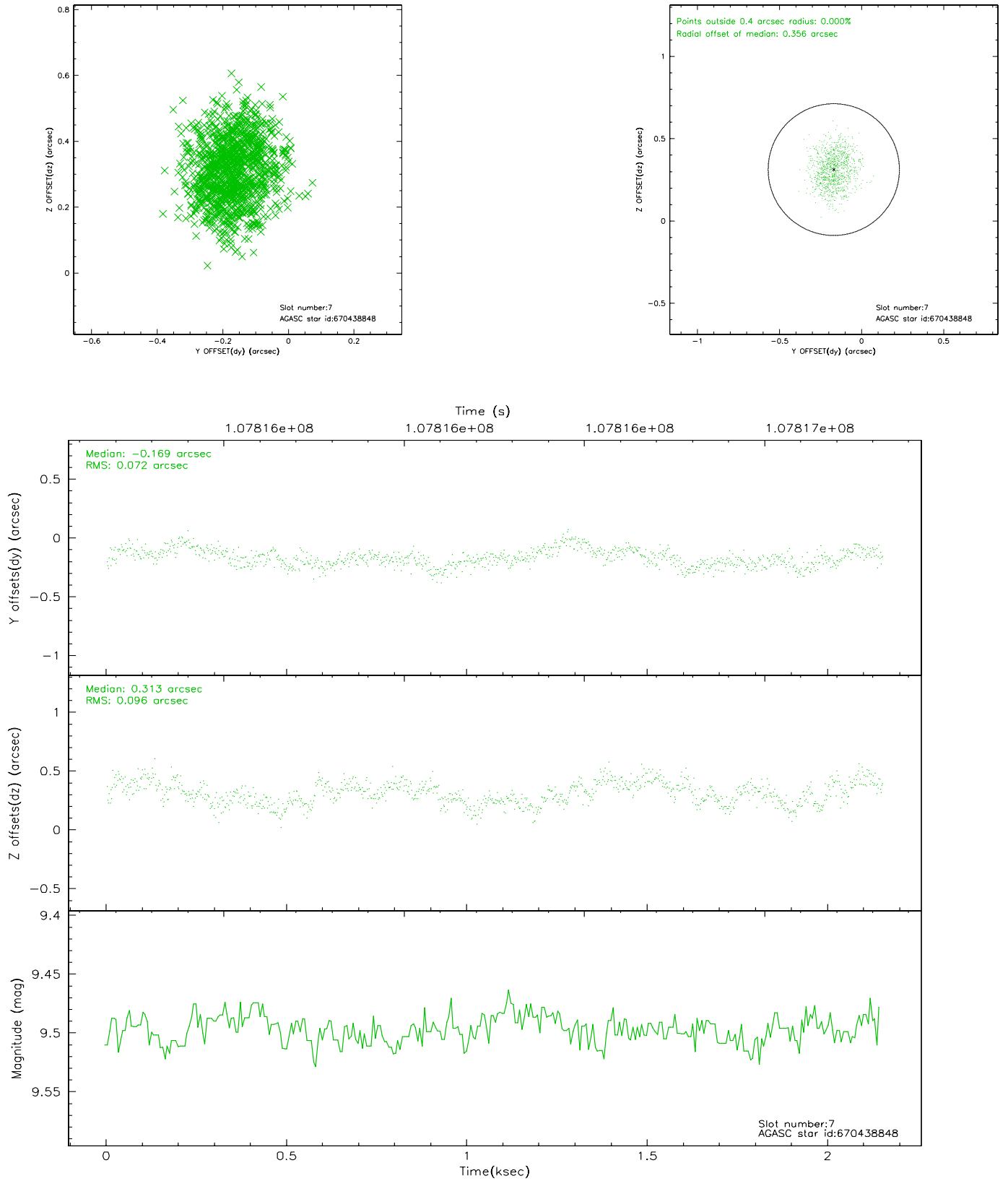
2.4.3 Slot 5



2.4.4 Slot 6

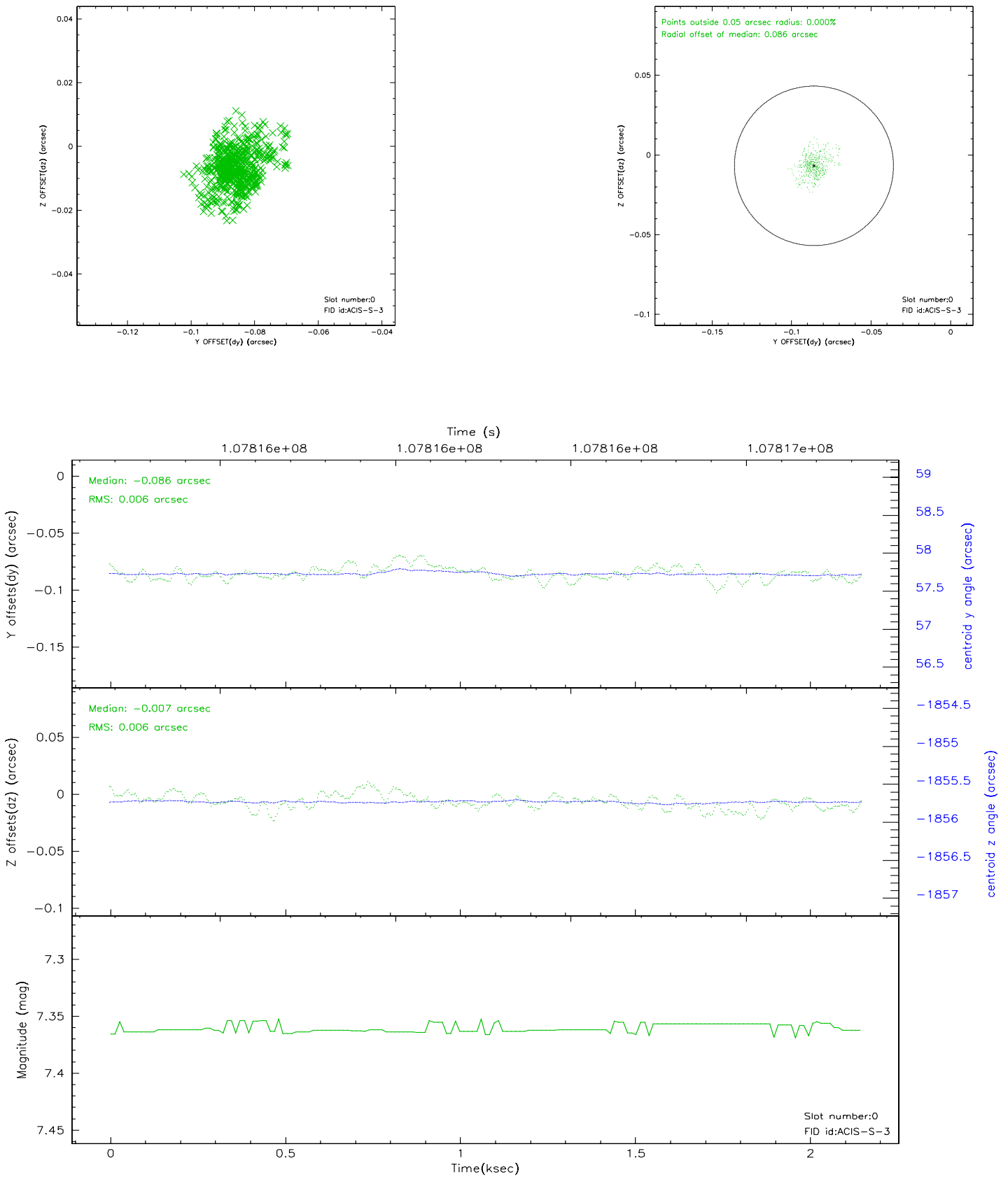


2.4.5 Slot 7

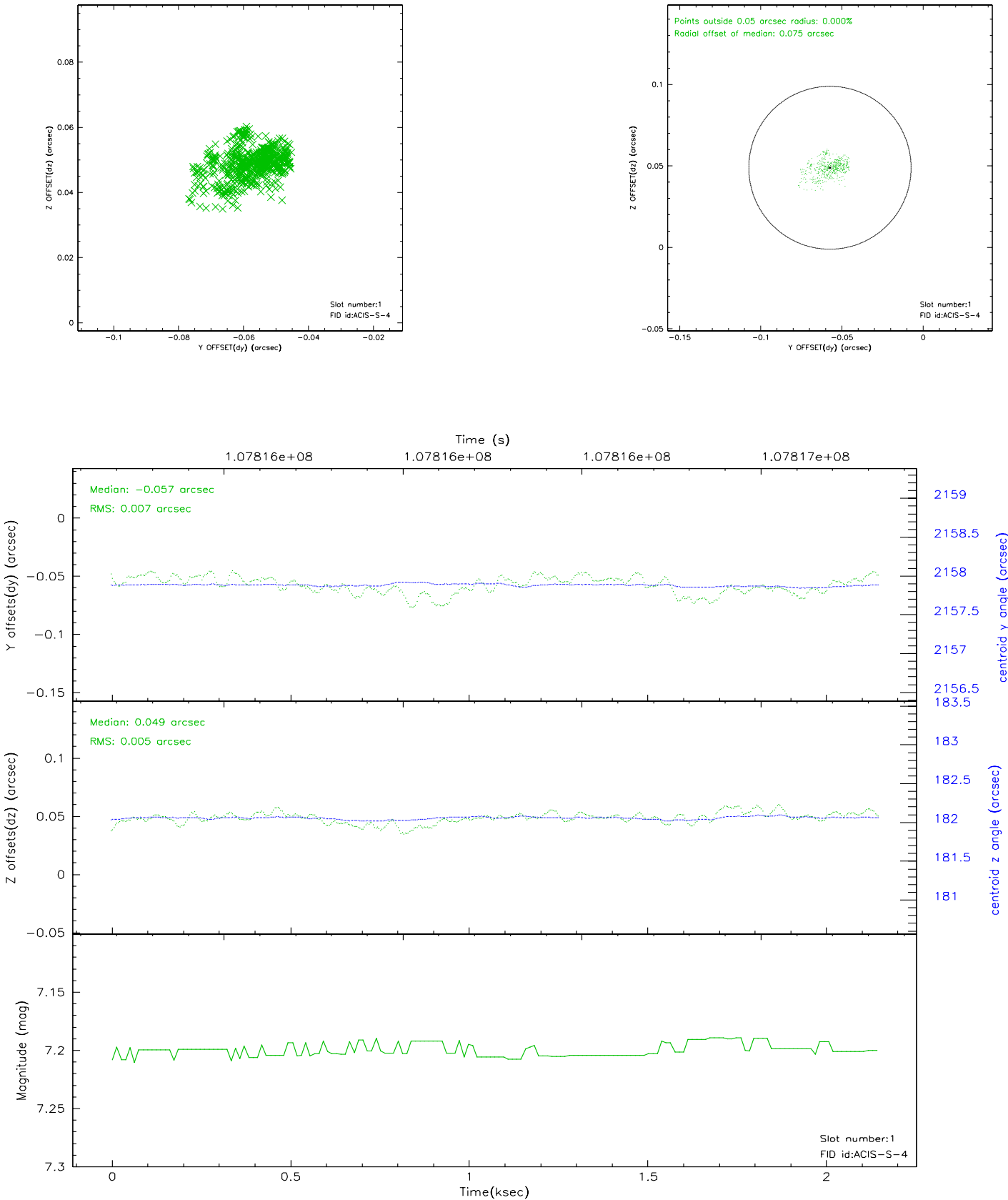


2.5 FID Slots

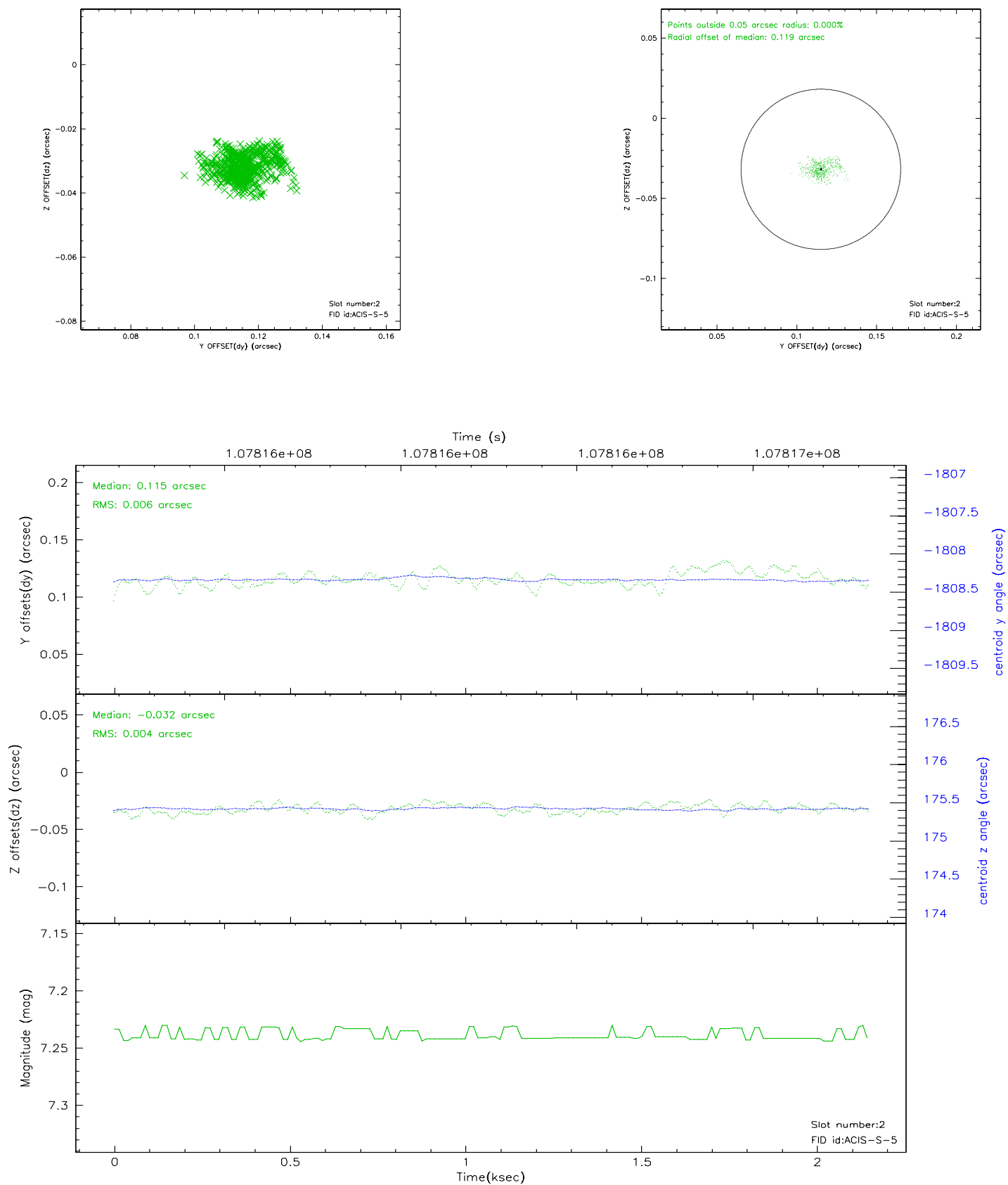
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

5.55 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.11.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.149

A.2 Comments