

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2492 - L2 Version 001
Chandra X-Ray Center

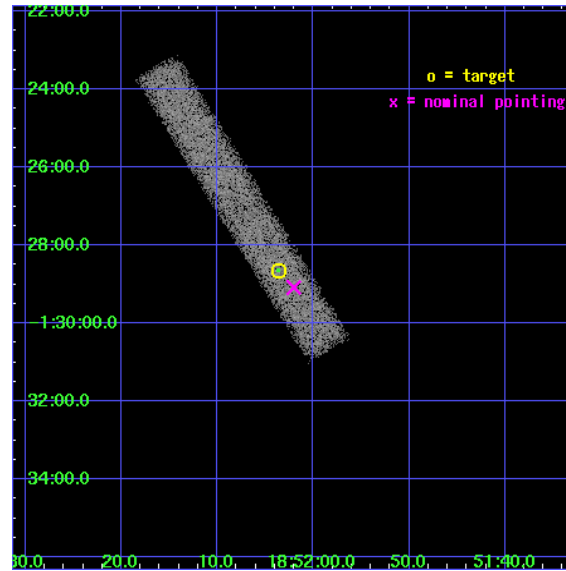
L2 Processing Date : Dec 15 2006

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1 Front

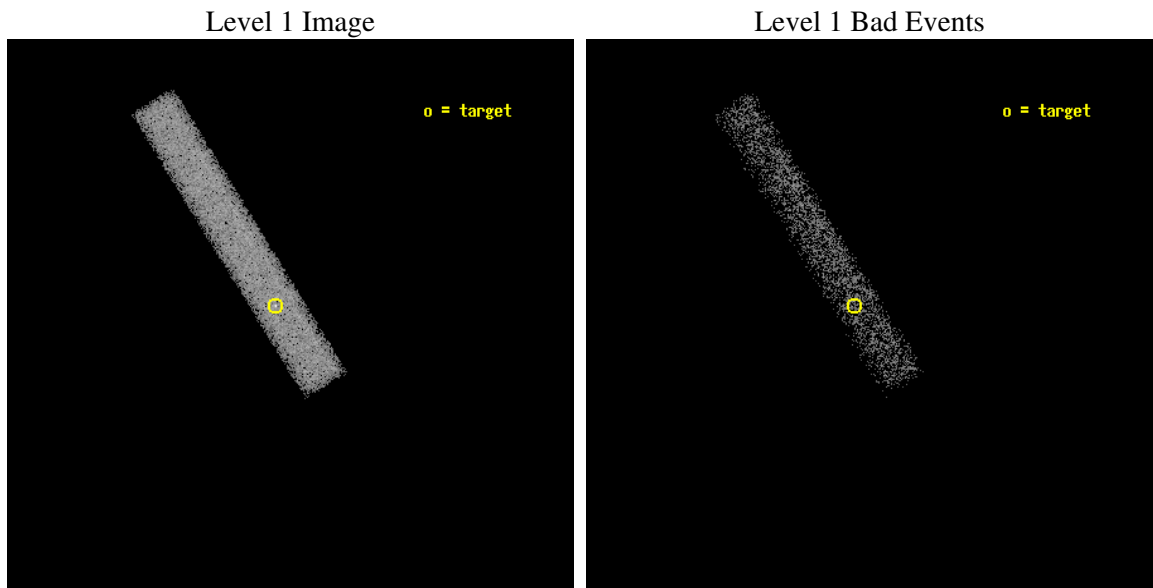
seq_num	300056
obs_id	2492
title	THE RECURRENT NOVA CI AQL
observer	Dr. Jochen Greiner
object	CI AQL
dtcycle	0
cycle	P
ra_targ	283.015
dec_targ	-1.4775
ra_nom	283.00846215736
dec_nom	-1.4847243958986
roll_nom	238.1064860038
revision	3
ontime	19884.677176327
livedtime	18034.352599607
ontime7	19884.677176327
l2events	20138



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
caldsver	3.2.4
date	2006-12-16T00:30:05
revision	3

sched_exp_time	19739.639000
ontime	21464.71704416
ontime7	21464.71704416
l1events	35794

2.1.4 Events

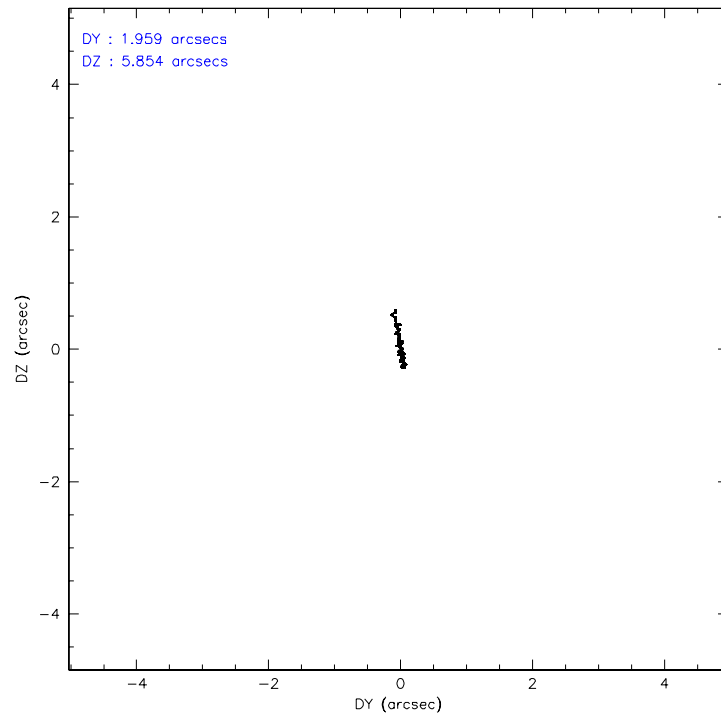
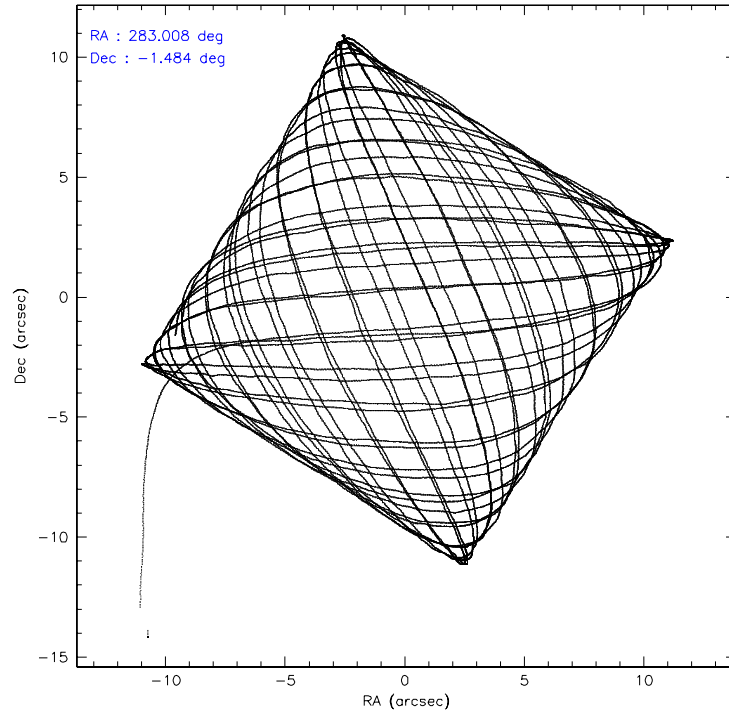
	ccd 7
level 1 events	35794
rejected events	15119
rejected %	42%

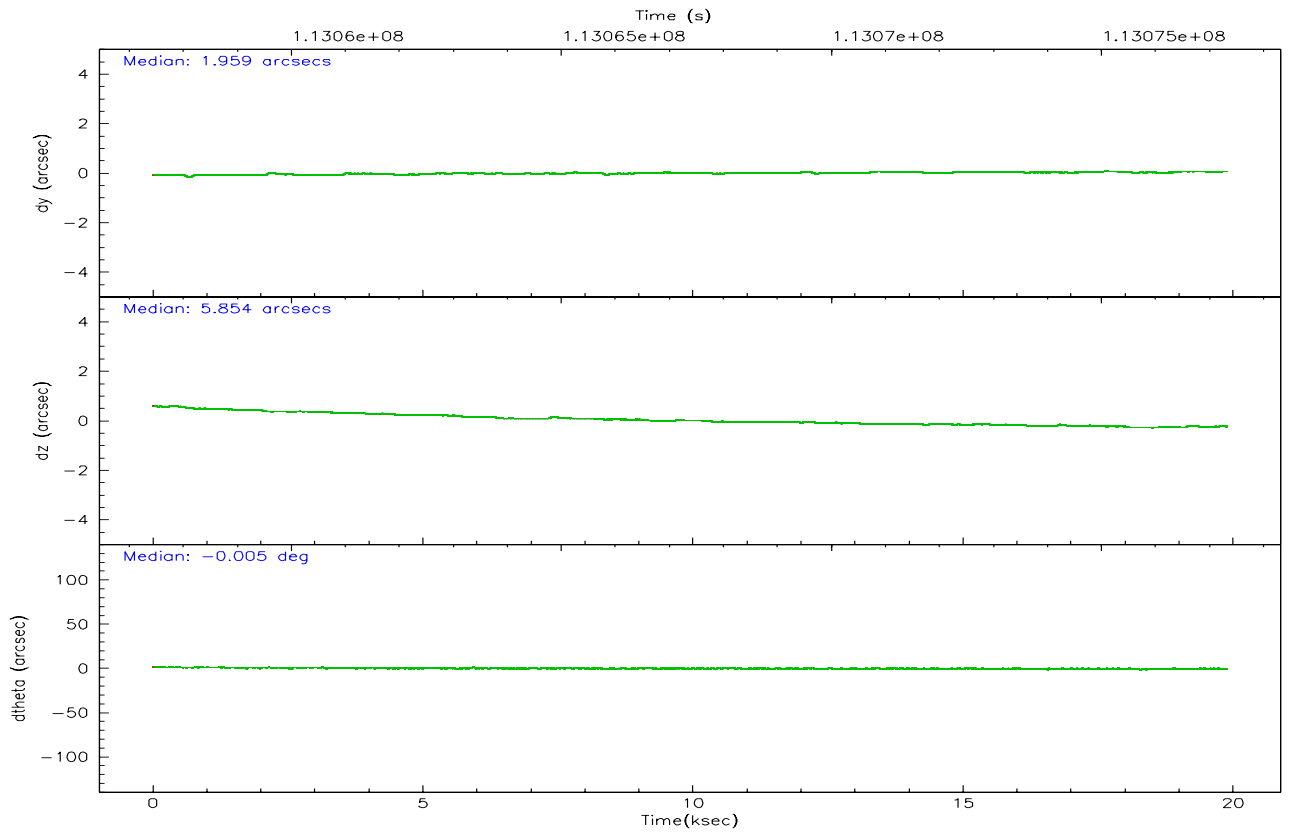
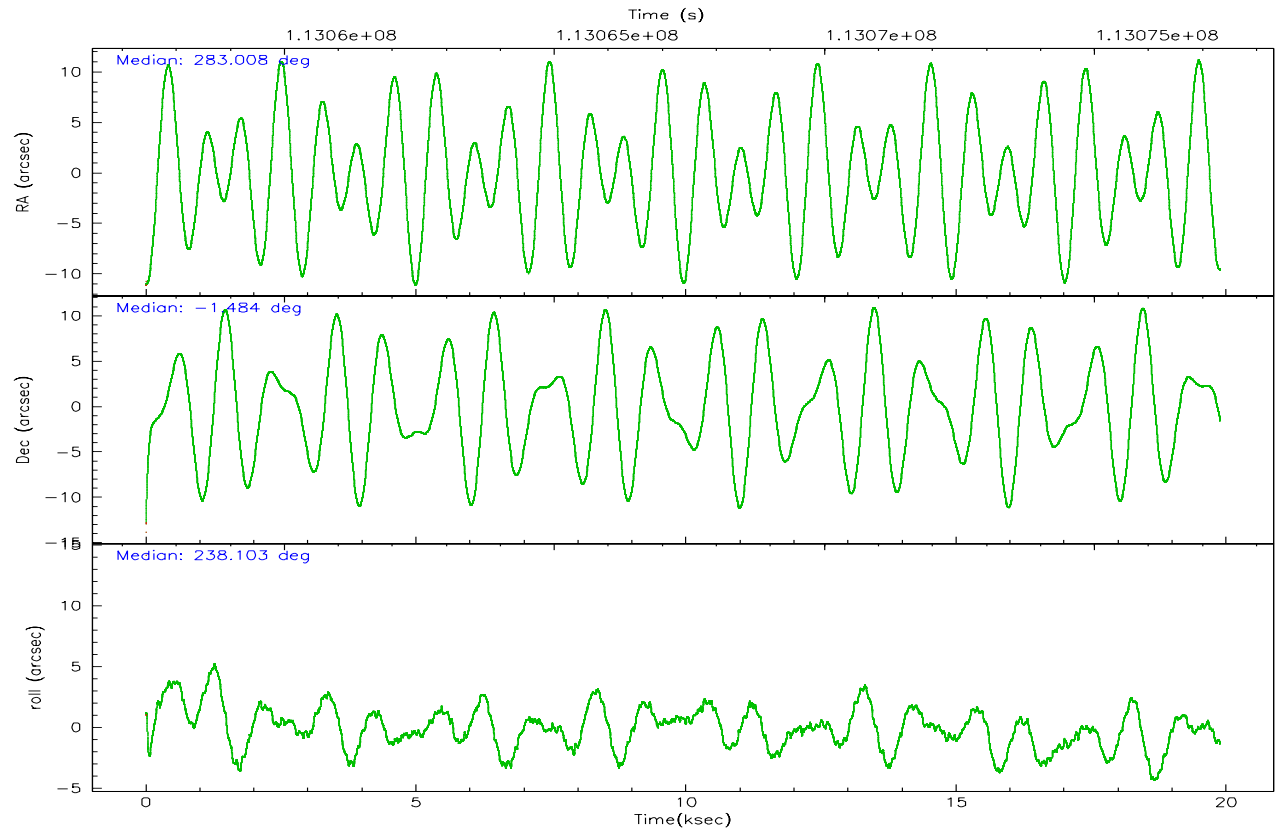
	ccd 7
grade 0 events	2215
	6%
grade 1 events	22
	0%
grade 2 events	4546
	12%
grade 3 events	1937
	5%
grade 4 events	1811
	5%
grade 5 events	1848
	5%
grade 6 events	11015
	30%
grade 7 events	12400
	34%

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	283.009064	283.0084621573604	Subarray requested	1/8	1/8
Pointing Dec	-1.457462	-1.484724395898596	Subarray start row	0	449
Pointing Roll	237.949874	238.1064860037956	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	113057592.184000	113055866.55082			
Observation start date	2001-08-01T12:52:08	2001-08-01T12:24:26			
Observation end time	113077332.184000	113077646.77668			
Observation end date	2001-08-01T18:21:08	2001-08-01T18:27:26			
Read mode	TIMED	TIMED			

2.3 Aspect



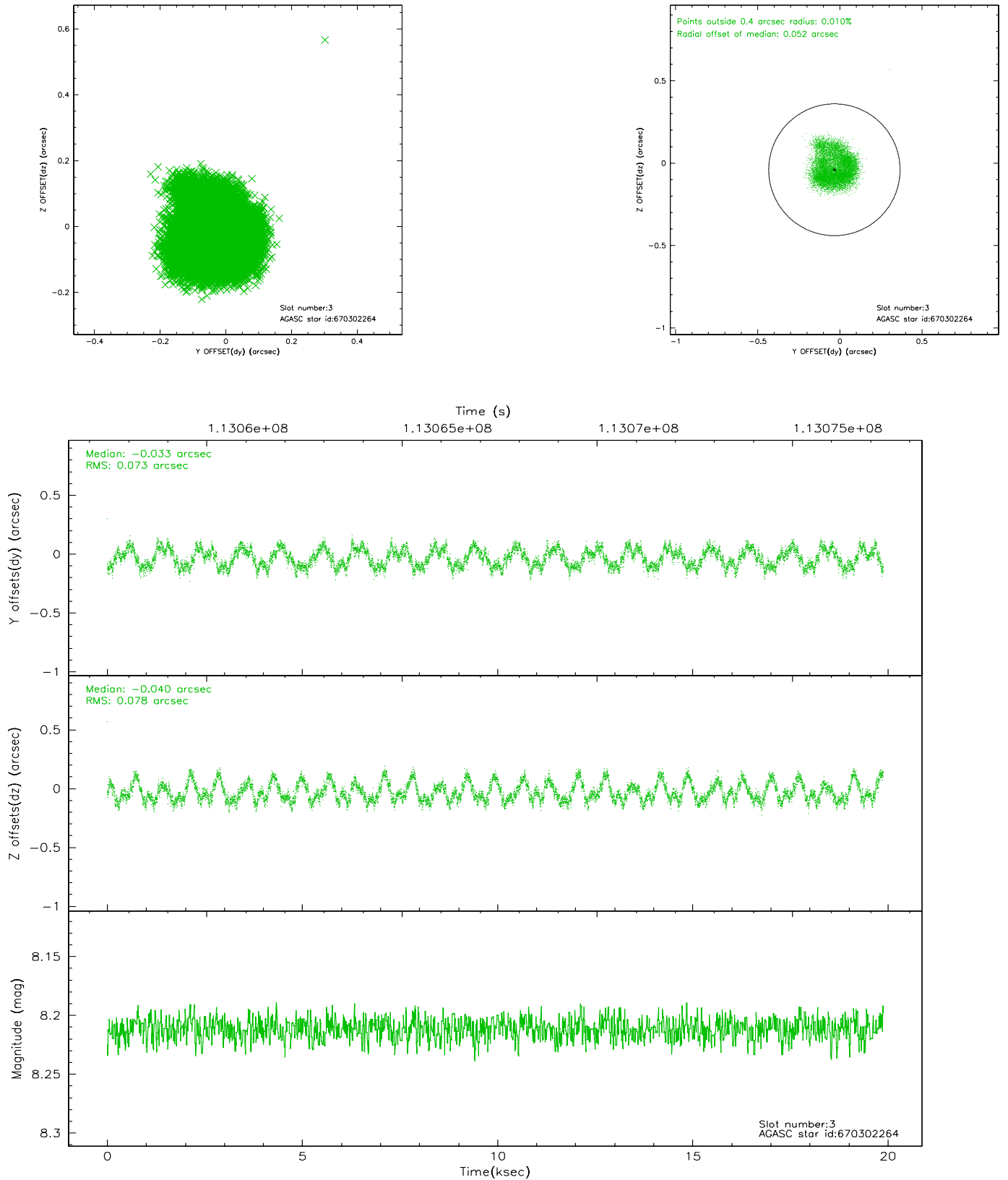


Slot Statistics

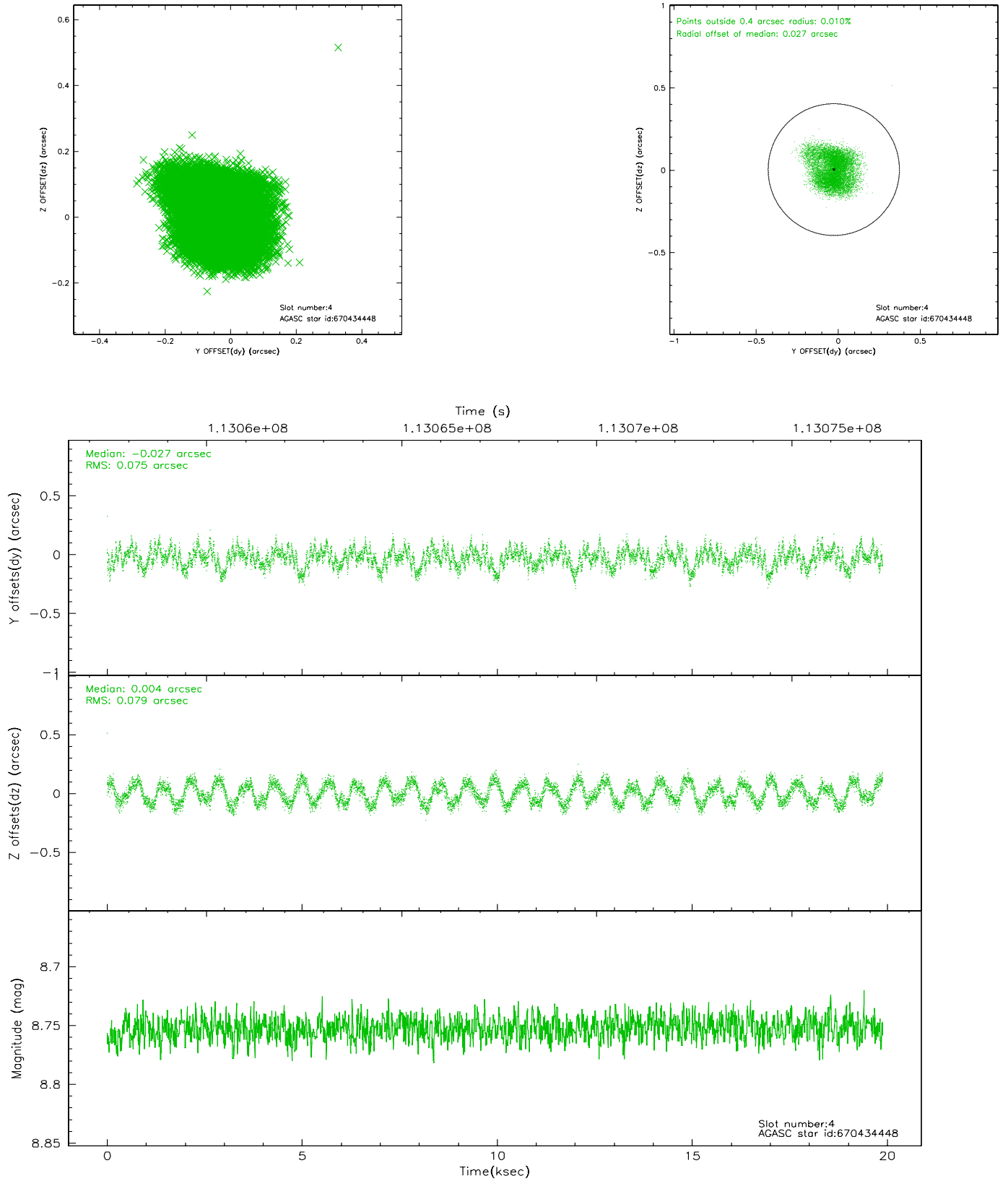
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-3	7.36	4850	-0.070	-0.030	0.013	0.026	0.000000	0.000000	58.59	-1856.08
1	FID	ACIS-S-4	7.20	4850	-0.058	0.052	0.008	0.014	0.000000	0.000000	2158.73	181.36
2	FID	ACIS-S-5	7.24	4850	0.100	-0.012	0.010	0.017	0.000000	0.000000	-1807.07	175.15
3	GUIDE	670302264	8.21	9699	-0.033	-0.040	0.116	0.170	282.998490	-1.707937	785.23	447.09
4	GUIDE	670434448	8.75	9701	-0.027	0.004	0.118	0.177	283.522579	-1.306427	-1440.63	1278.80
5	GUIDE	670307416	8.95	9697	0.072	0.118	0.105	0.154	282.888823	-1.552742	521.05	-183.80
6	GUIDE	670302816	9.12	9698	0.085	0.054	0.408	0.548	282.920827	-1.759792	1091.96	309.32
7	GUIDE	670304976	9.58	9696	-0.119	-0.098	0.153	0.224	282.807914	-0.609729	-2201.52	-2232.72

2.4 Star Slots

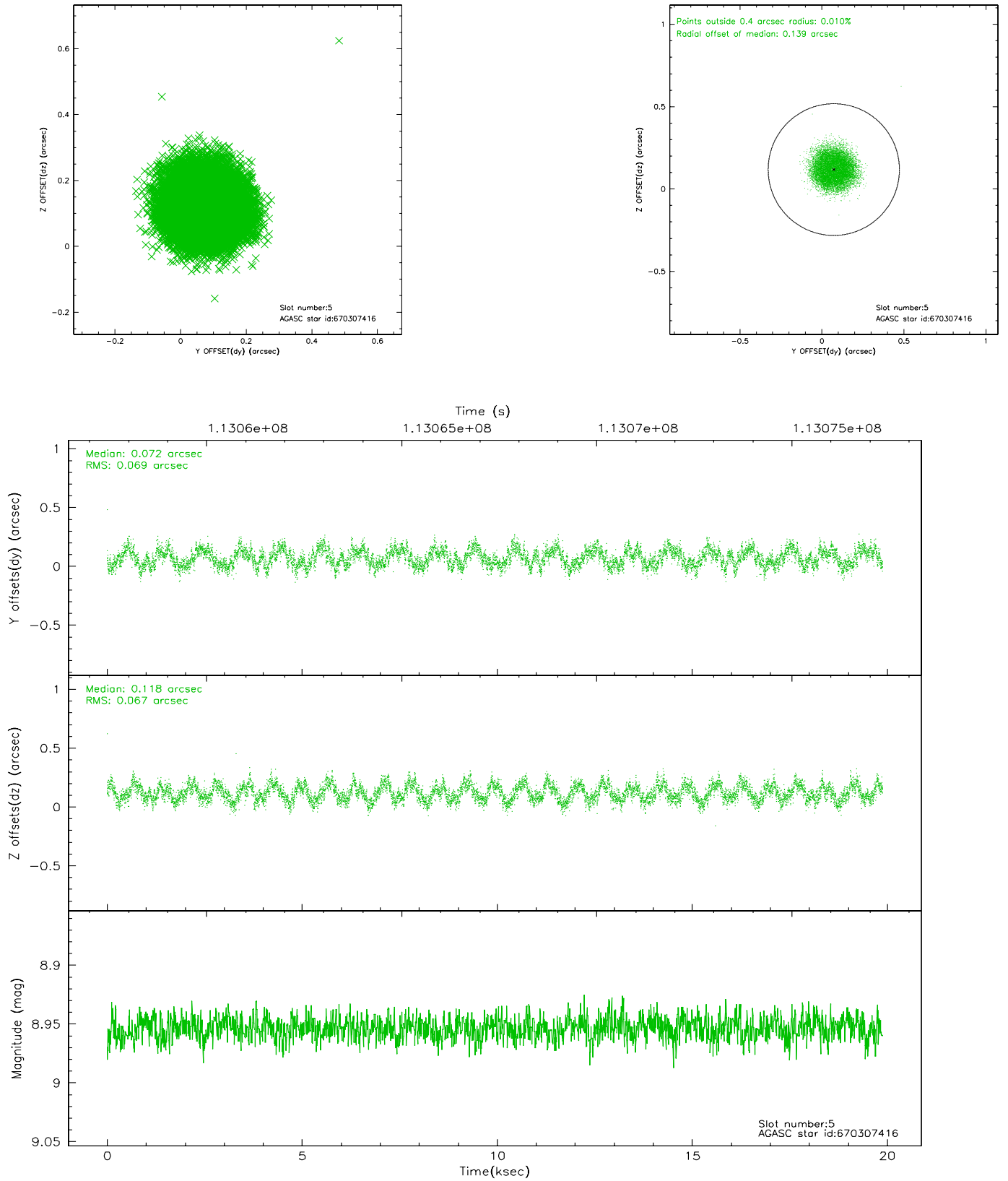
2.4.1 Slot 3



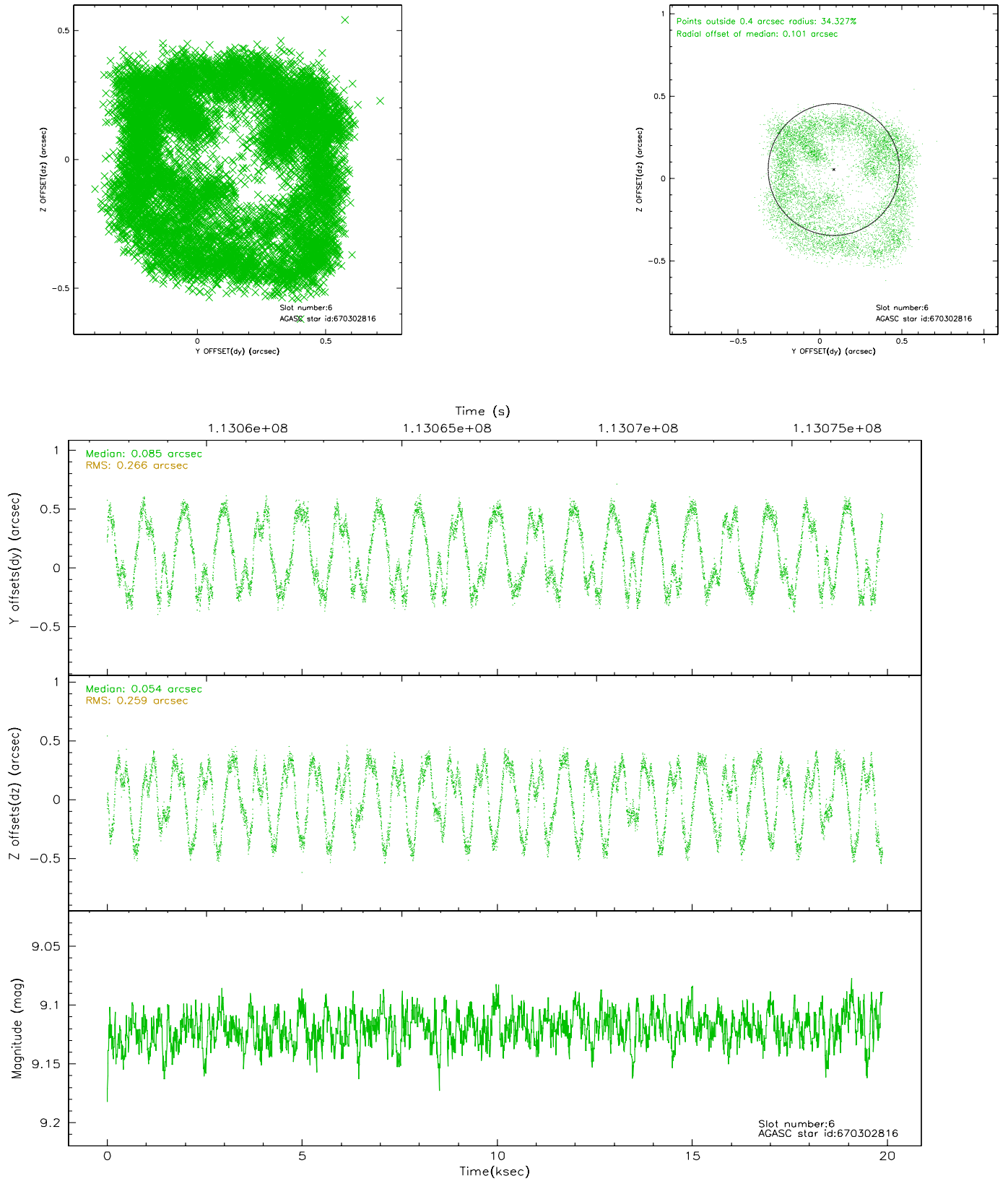
2.4.2 Slot 4



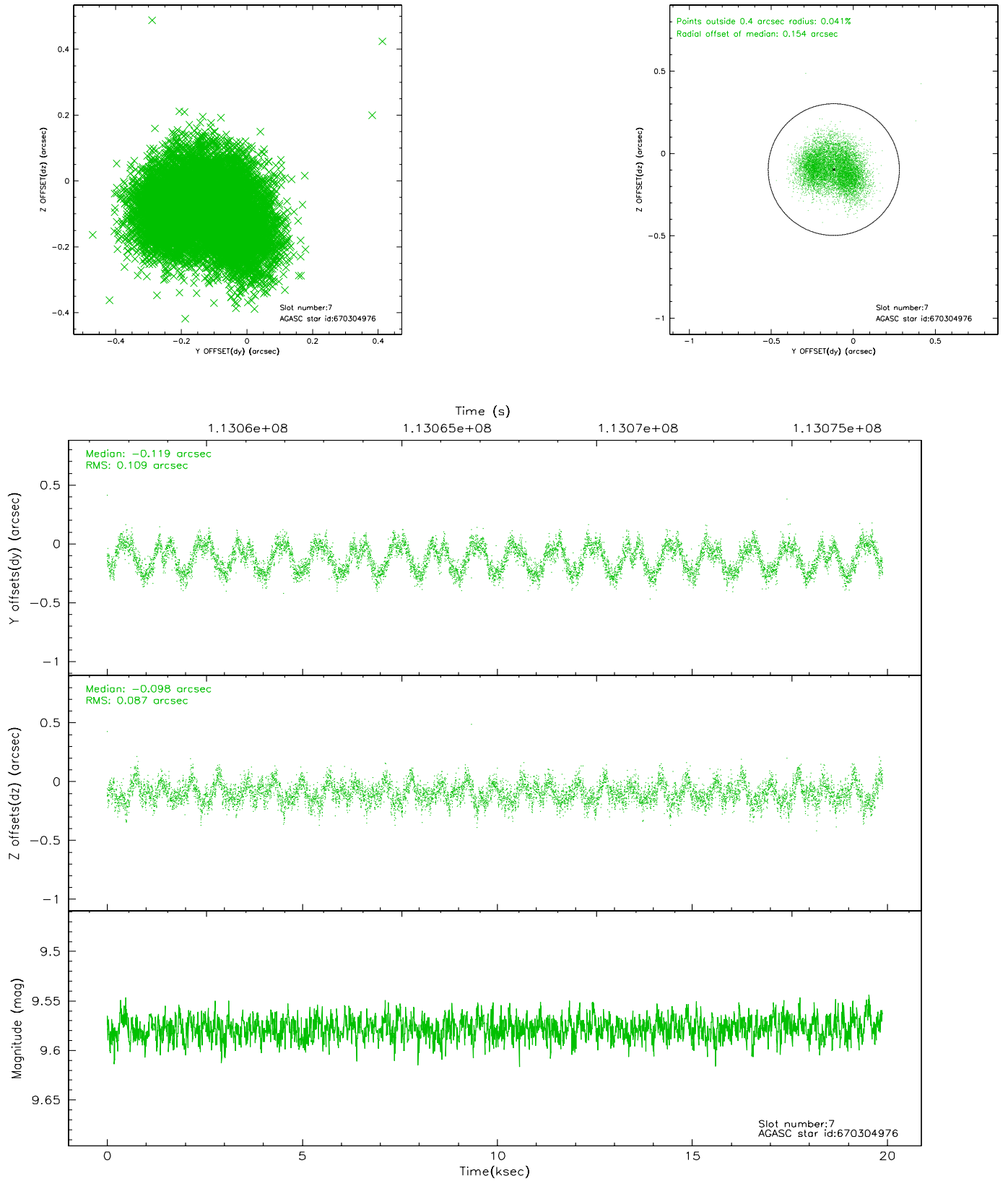
2.4.3 Slot 5



2.4.4 Slot 6

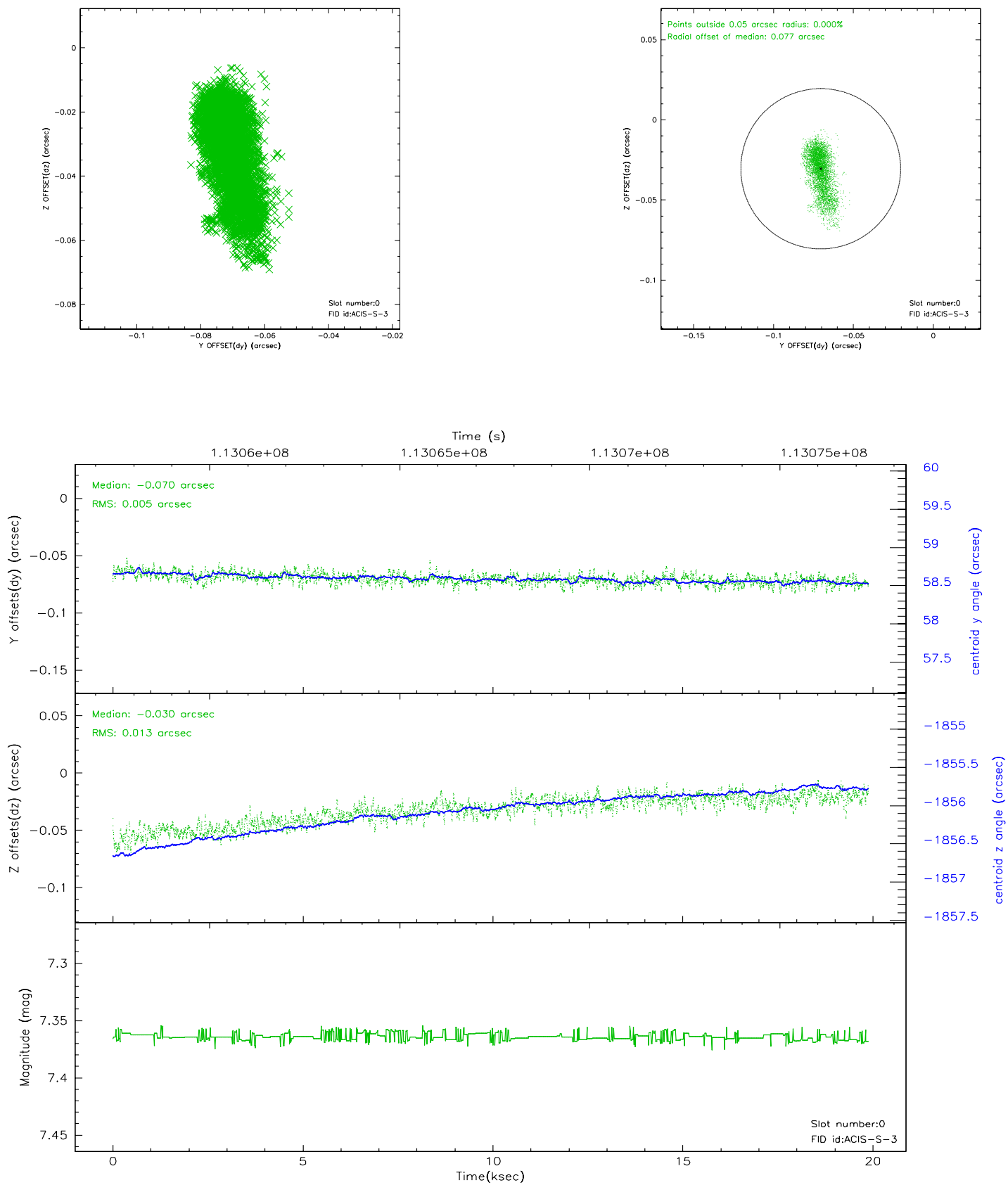


2.4.5 Slot 7

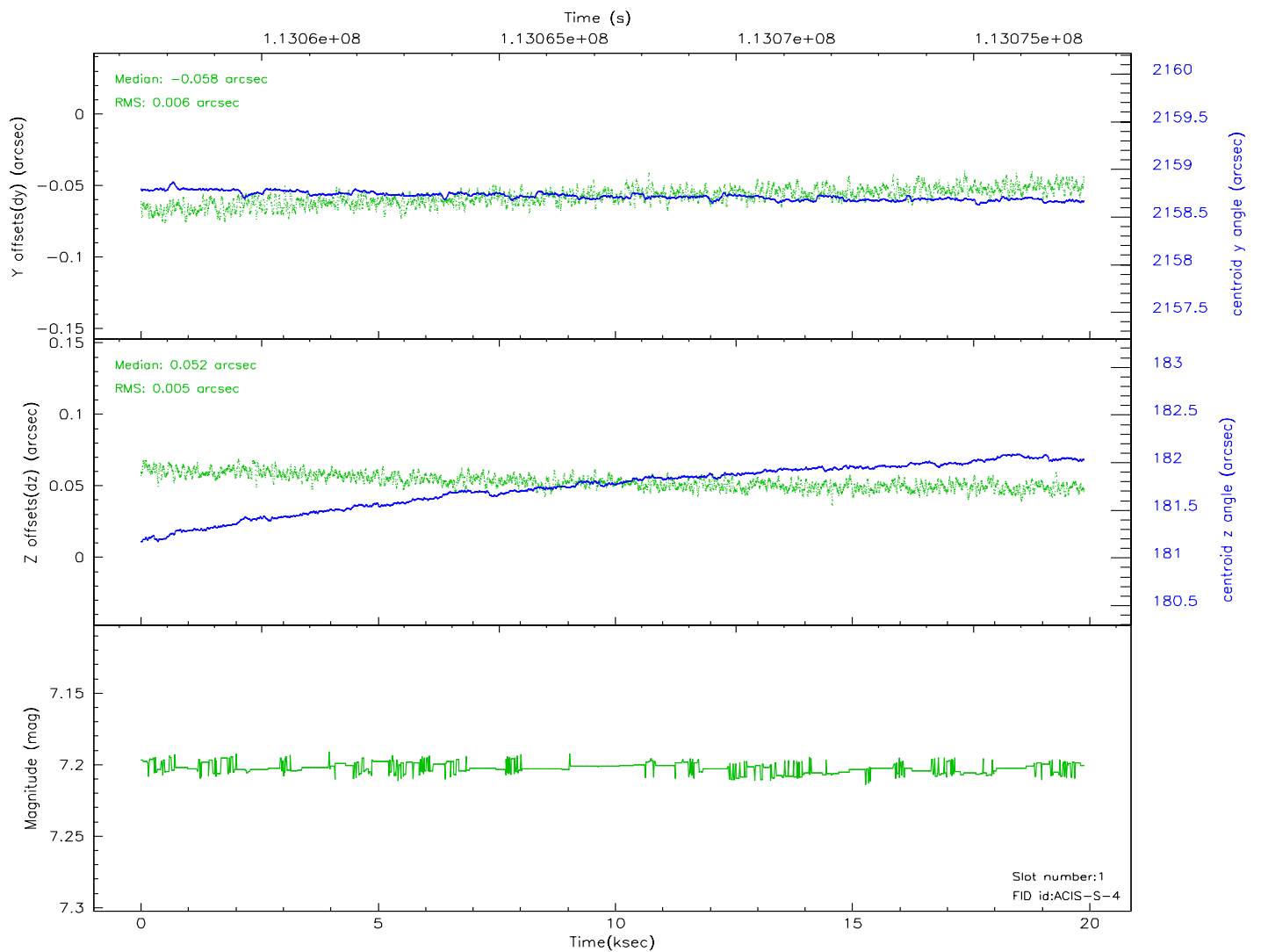
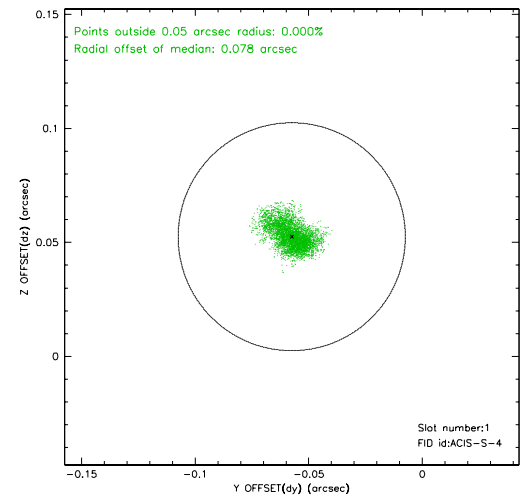
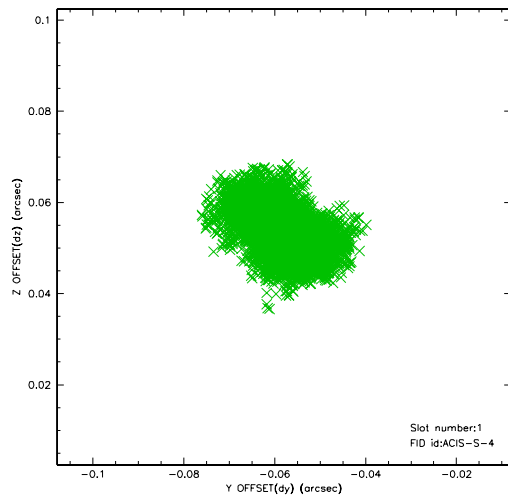


2.5 FID Slots

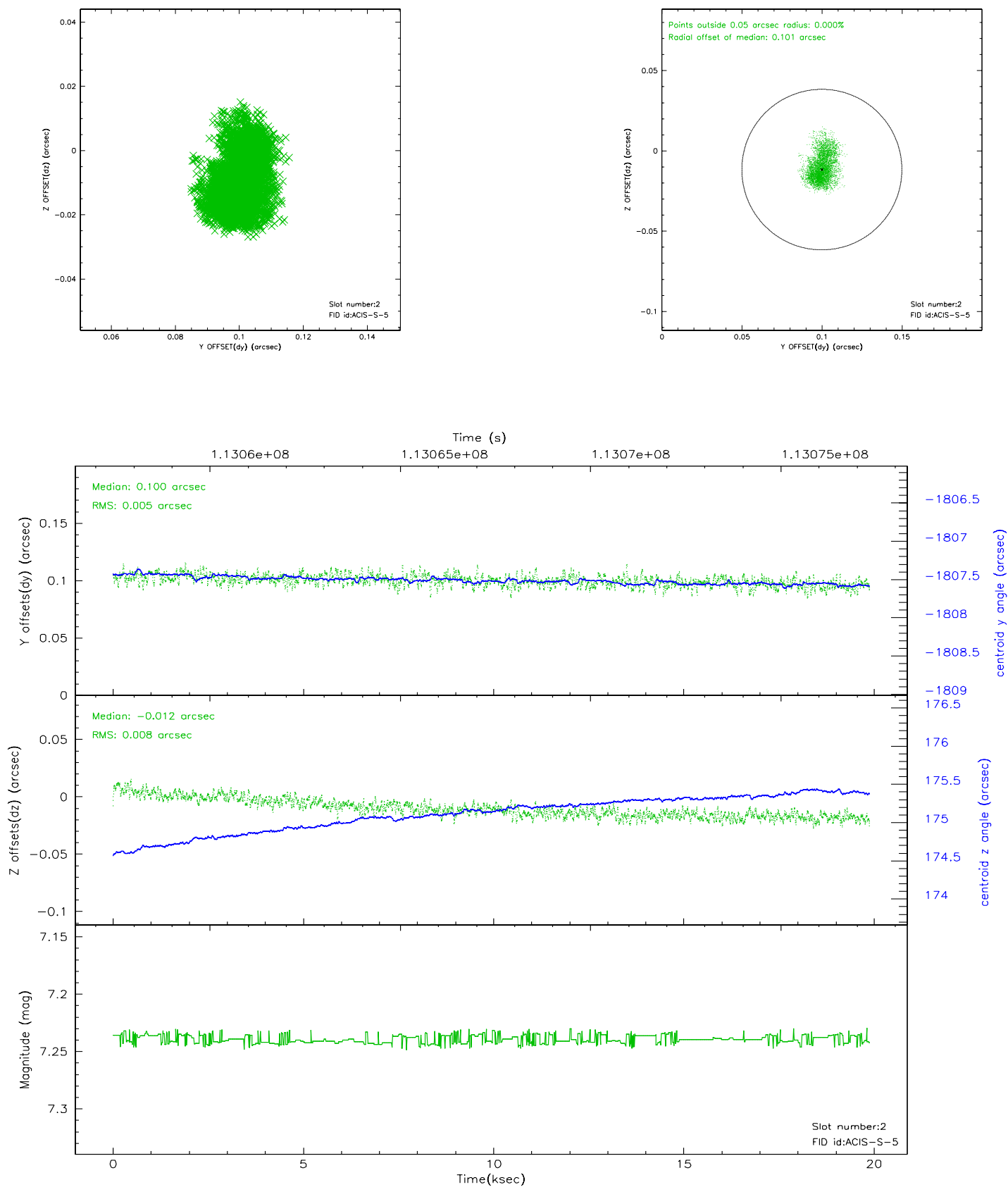
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.12.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.885

A.2 Comments