

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 5747 - L2 Version 002
Chandra X-Ray Center

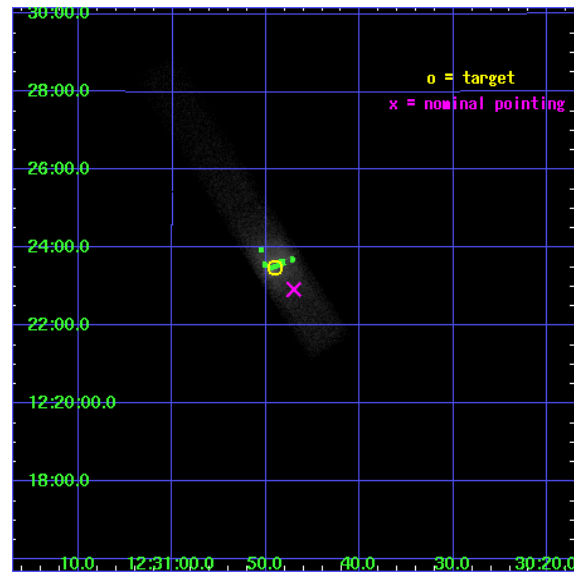
L2 Processing Date: Mar 4 2006

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1 Front

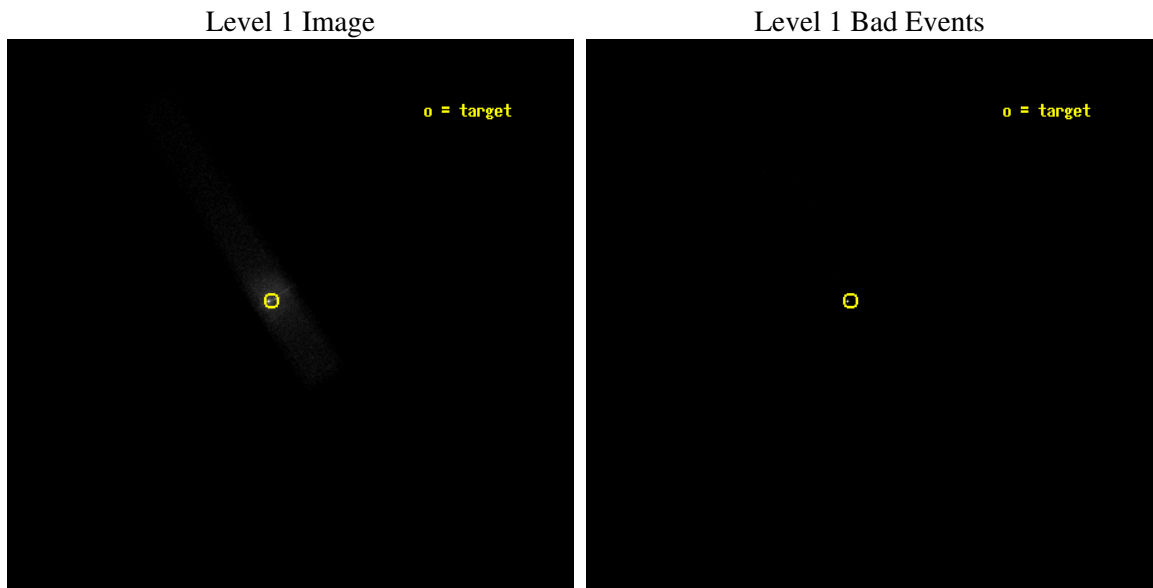
seq_num	701169
obs_id	5747
title	The X-ray Flares of Knot 'HST-1' in the M87 Jet (monitoring)
observer	Dr. John Biretta
object	M87
dtcycle	0
cycle	P
ra_targ	187.704167
dec_targ	12.391667
ra_nom	187.69605032808
dec_nom	12.382150656202
roll_nom	237.65657993179
revision	2
ontime	5183.2000772357
livetime	4700.8888783201
ontime7	5183.2000772357
l2events	58802



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	2
ascdsver	7.6.7
caldbver	3.2.1
date	2006-03-04T04:44:05
revision	2

sched_exp_time	5000.000000
ontime	6694.043215096
ontime7	6694.043215096
l1events	76218

2.1.4 Events

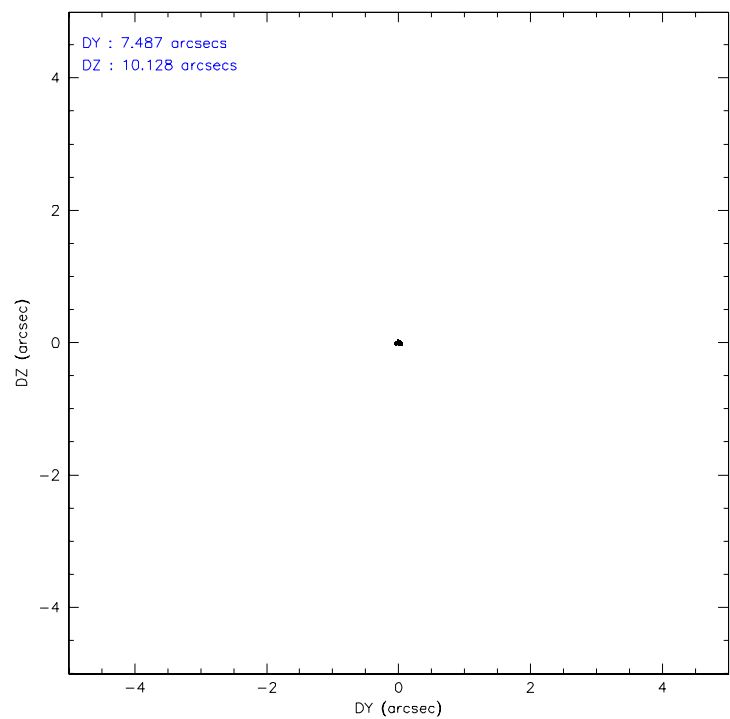
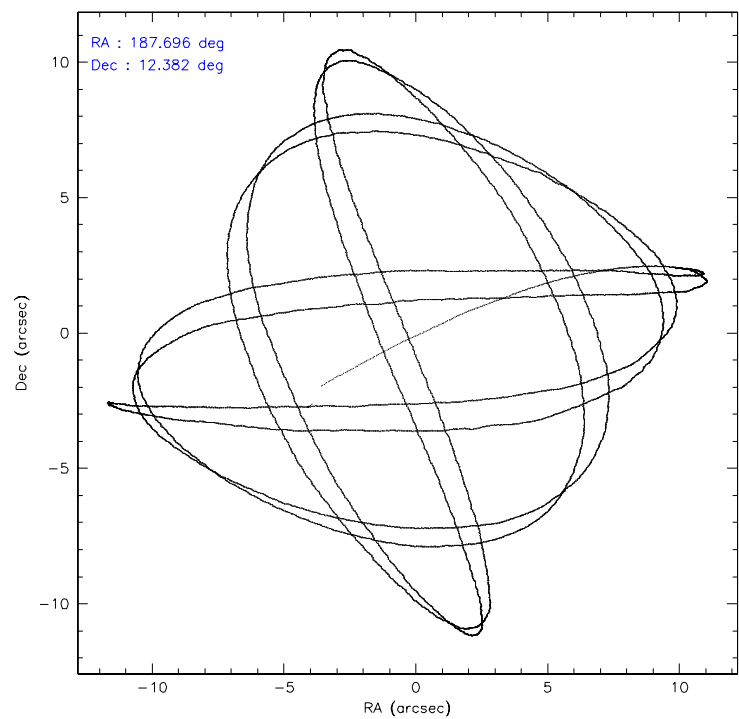
	ccd 7
level 1 events	76218
rejected events	16835
rejected %	22%

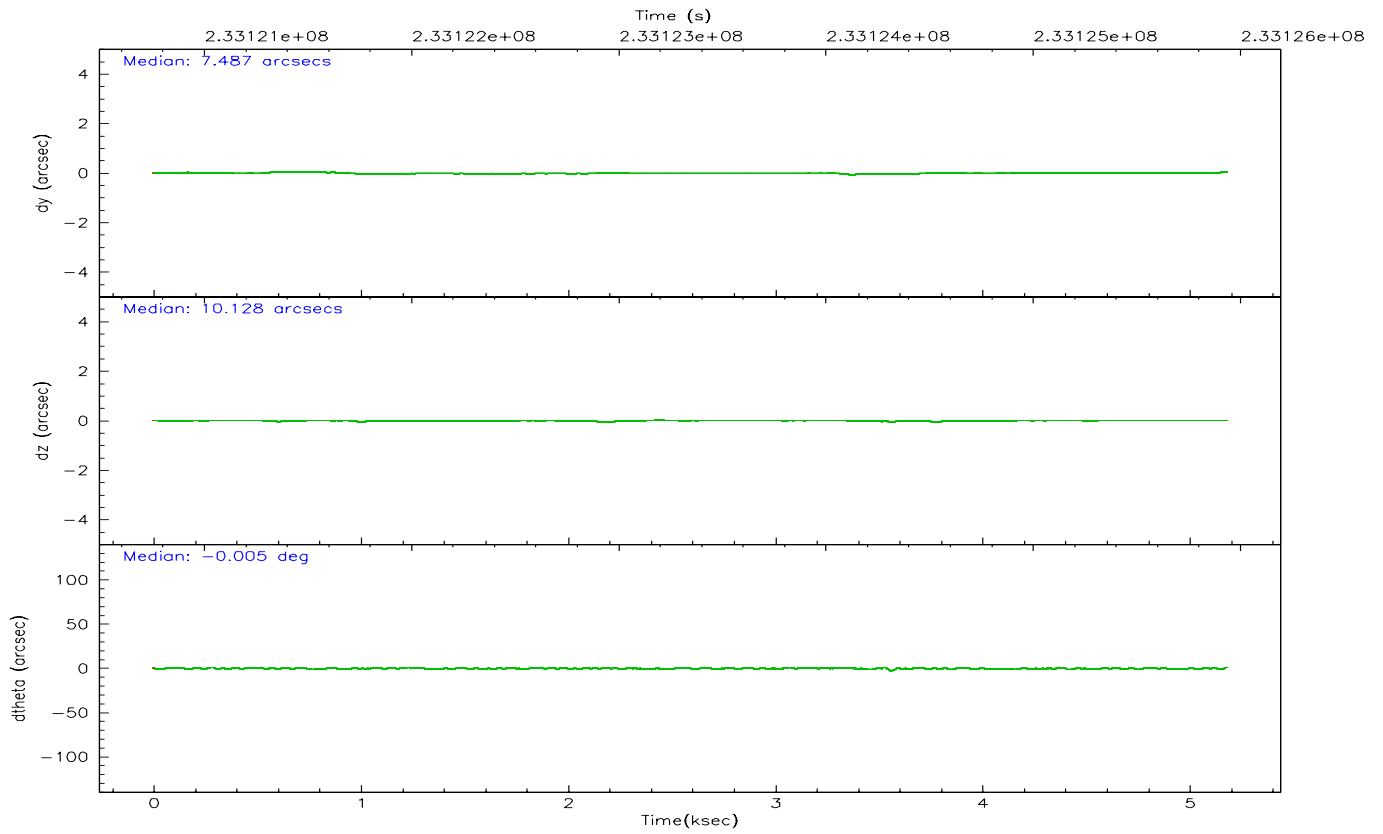
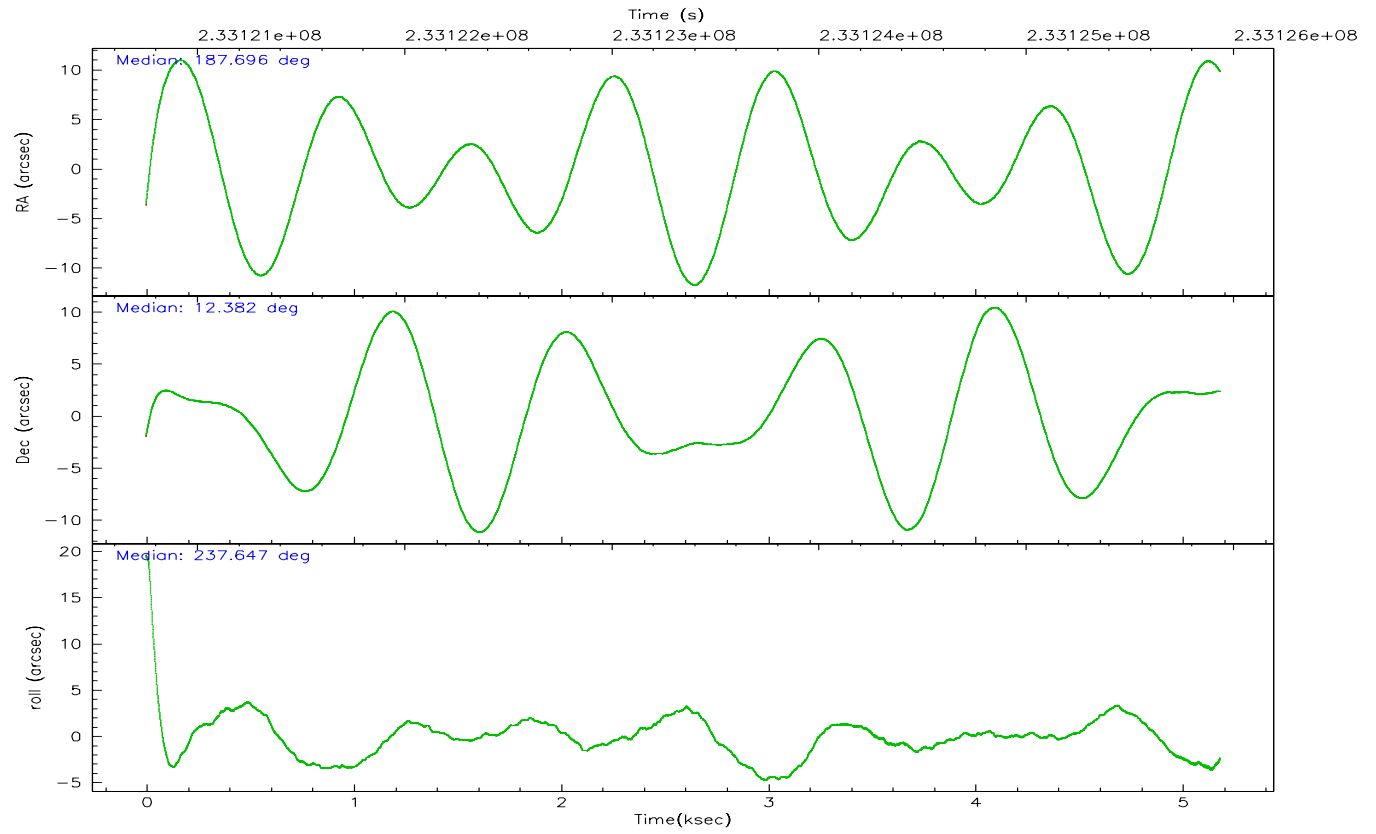
	ccd 7
grade 0 events	17419
	22%
grade 1 events	380
	0%
grade 2 events	15870
	20%
grade 3 events	6789
	8%
grade 4 events	6566
	8%
grade 5 events	2676
	3%
grade 6 events	14957
	19%
grade 7 events	11561
	15%

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	187.696686	187.6960503280781	Subarray start row	0	449
Pointing Dec	12.409364	12.3821506562016	Subarray row count	1024	128
Pointing Roll	237.499760	237.6565799317937	Alternating exposures requested	N	N
Window start time	232588864.184000	232588864.184000	Primary exposure time	0.000000	0.4
Window stop time	233193664.184000	233193664.184000			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	233120930.184000	233119236.92729			
Observation start date	2005-05-22T03:47:46	2005-05-22T03:20:36			
Observation end time	233125930.184000	233126223.8401			
Observation end date	2005-05-22T05:11:06	2005-05-22T05:17:03			
Read mode	TIMED	TIMED			

2.3 Aspect



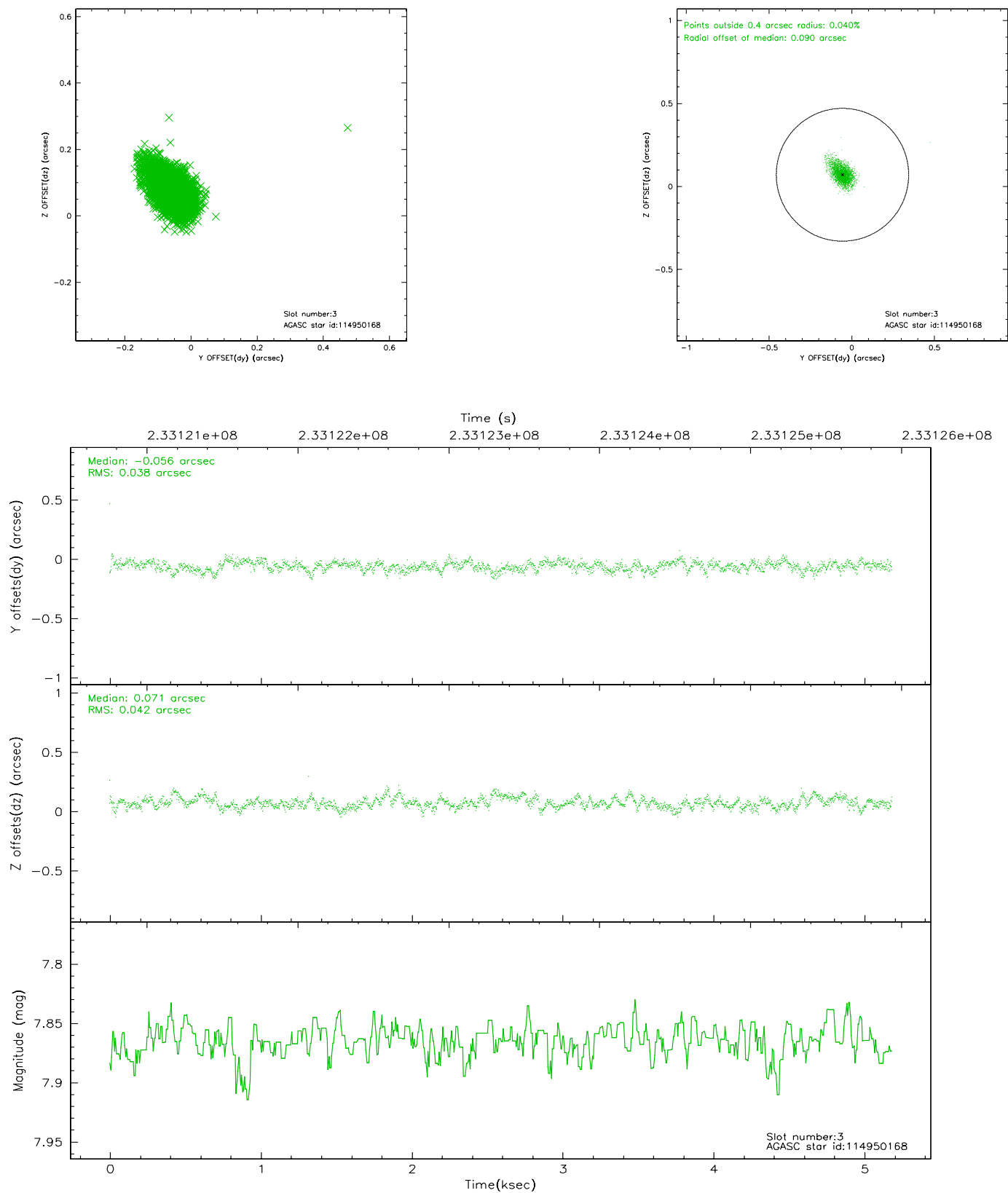


Slot Statistics

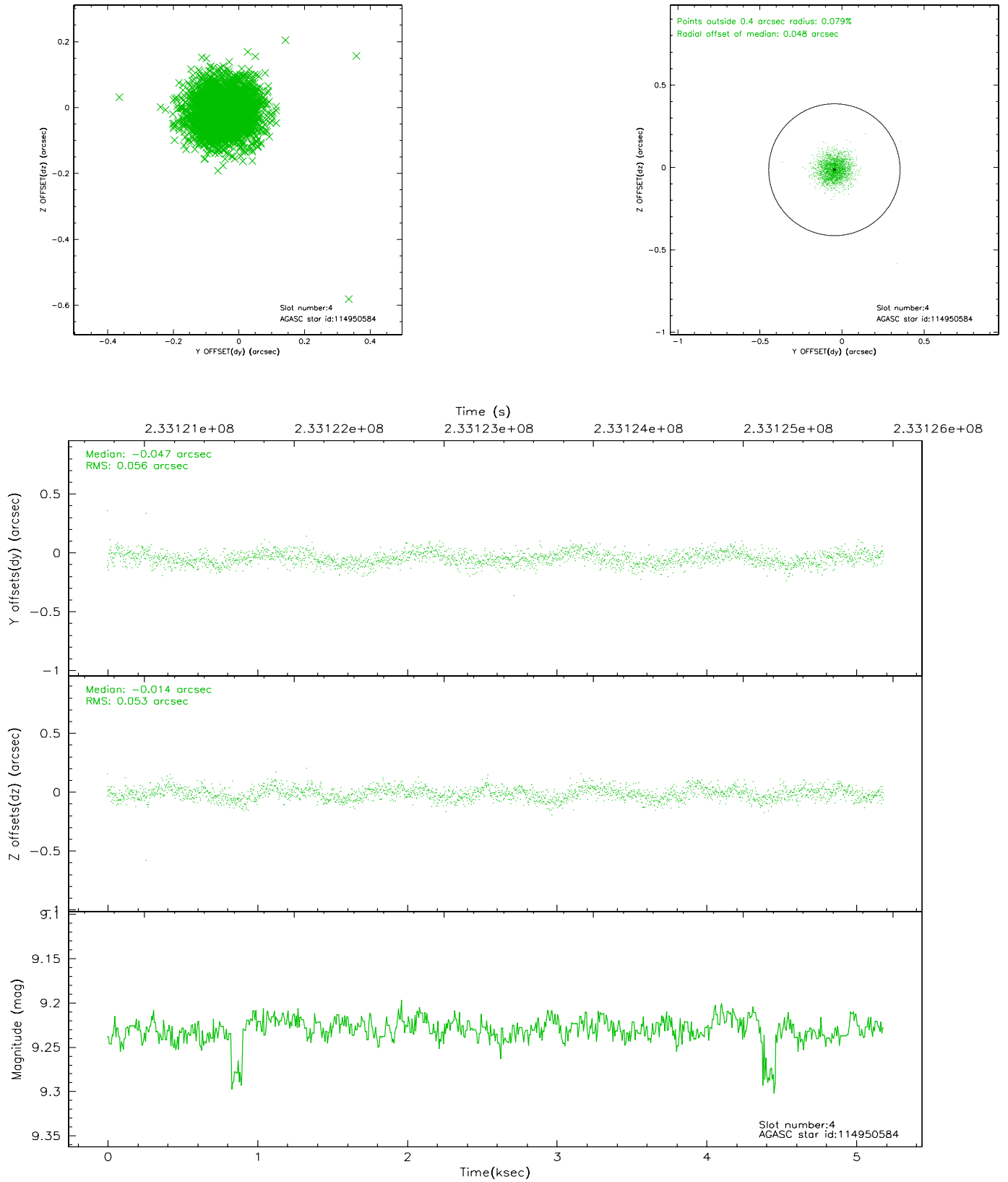
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1265	-0.035	0.007	0.006	0.011	0.000000	0.000000	-760.24	-1731.39
1	FID	ACIS-S-4	7.21	1265	0.057	0.015	0.005	0.009	0.000000	0.000000	2152.55	175.97
2	FID	ACIS-S-5	7.23	1265	-0.054	-0.013	0.006	0.010	0.000000	0.000000	-1811.65	170.84
3	GUIDE	114950168	7.86	2530	-0.056	0.071	0.057	0.101	187.143398	12.117441	1931.79	-1078.80
4	GUIDE	114950584	9.23	2530	-0.047	-0.014	0.080	0.130	187.487323	11.827248	2164.87	503.10
5	GUIDE	114952824	8.57	2530	-0.011	0.122	0.090	0.136	187.703904	12.486727	-246.97	-128.49
6	GUIDE	114954440	9.19	2529	0.092	-0.068	0.085	0.136	186.915066	12.219118	2052.64	-1953.26
7	GUIDE	114955056	8.32	2529	0.025	-0.113	0.061	0.101	187.914001	12.127854	444.70	1188.21

2.4 Star Slots

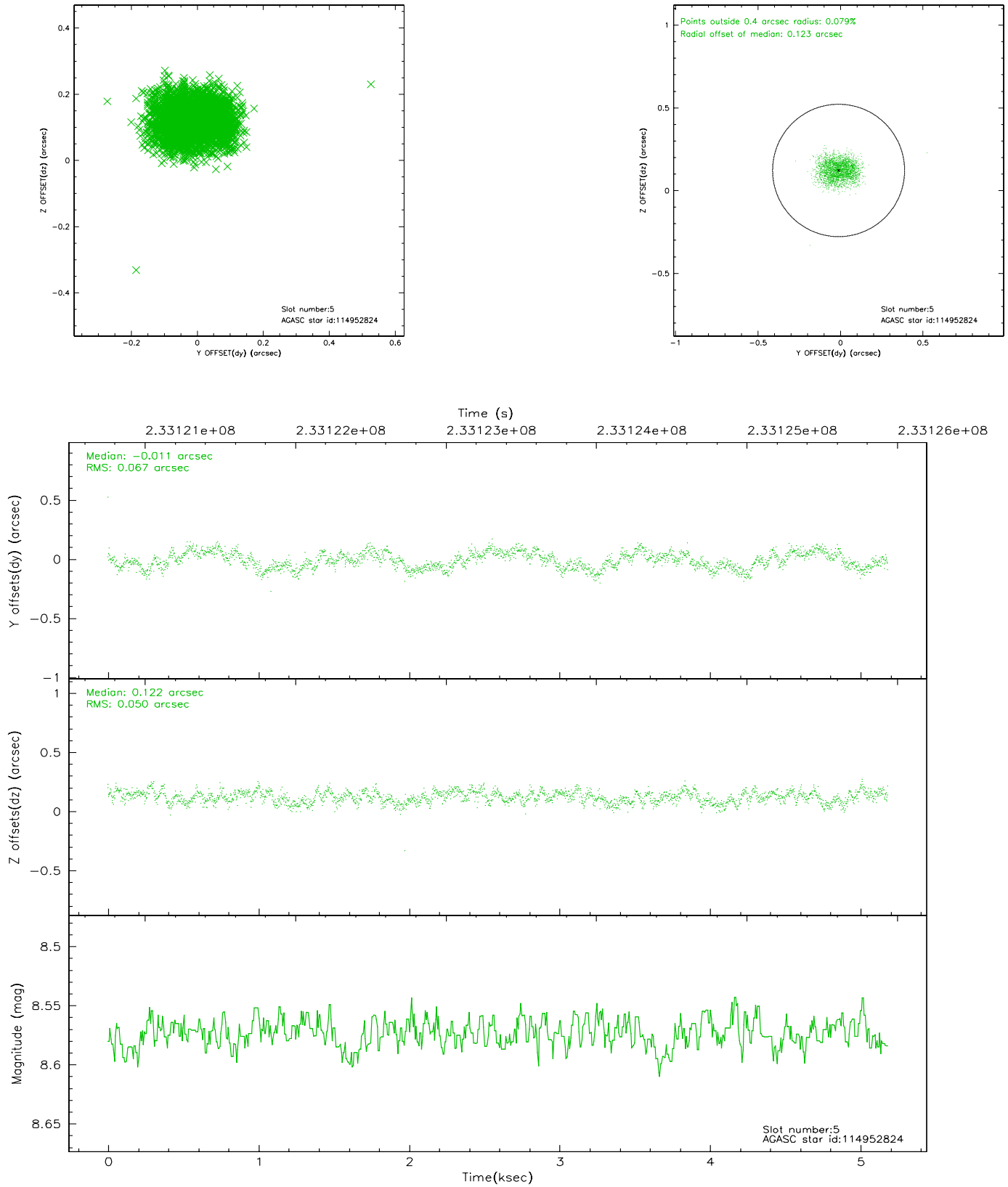
2.4.1 Slot 3



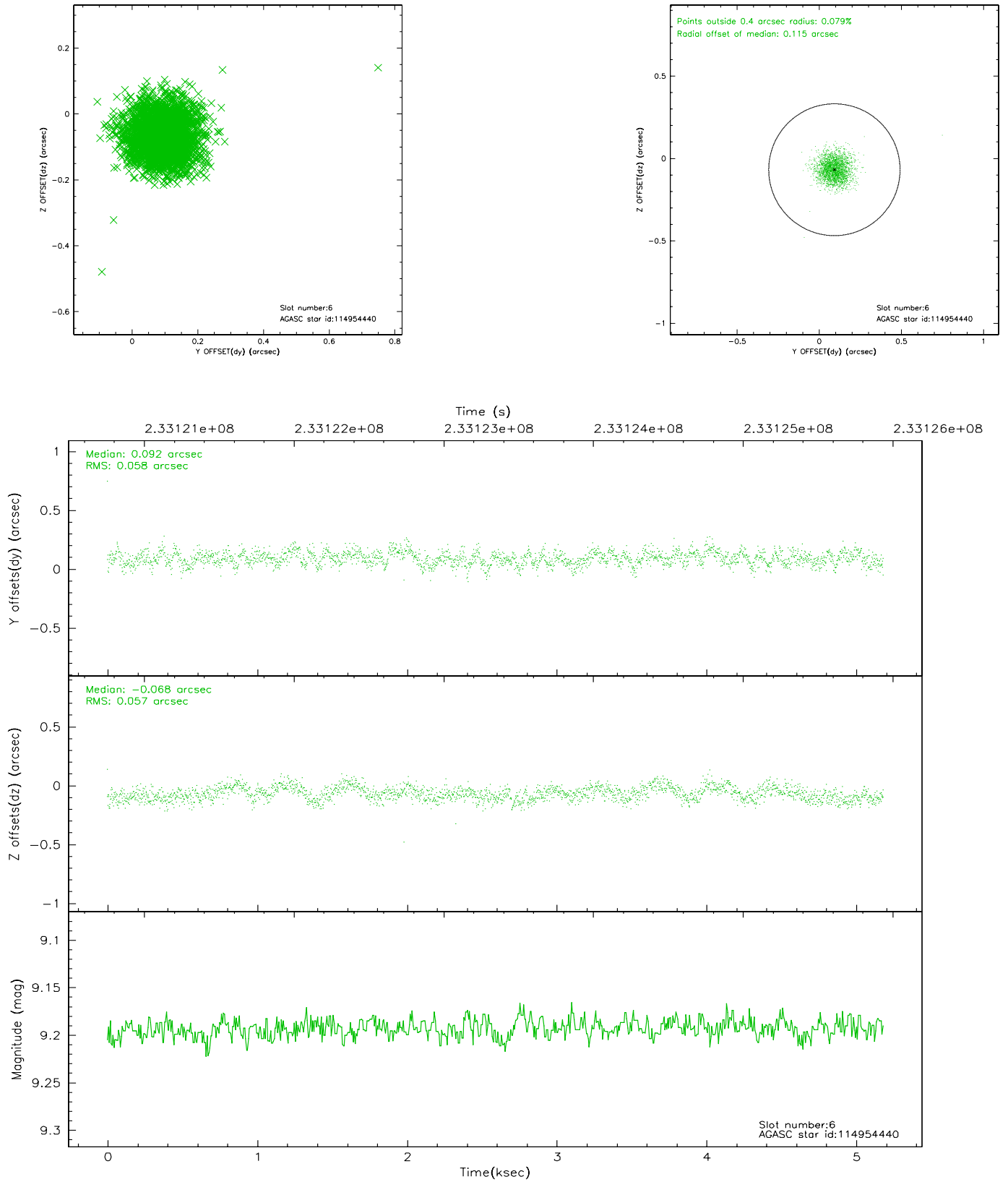
2.4.2 Slot 4



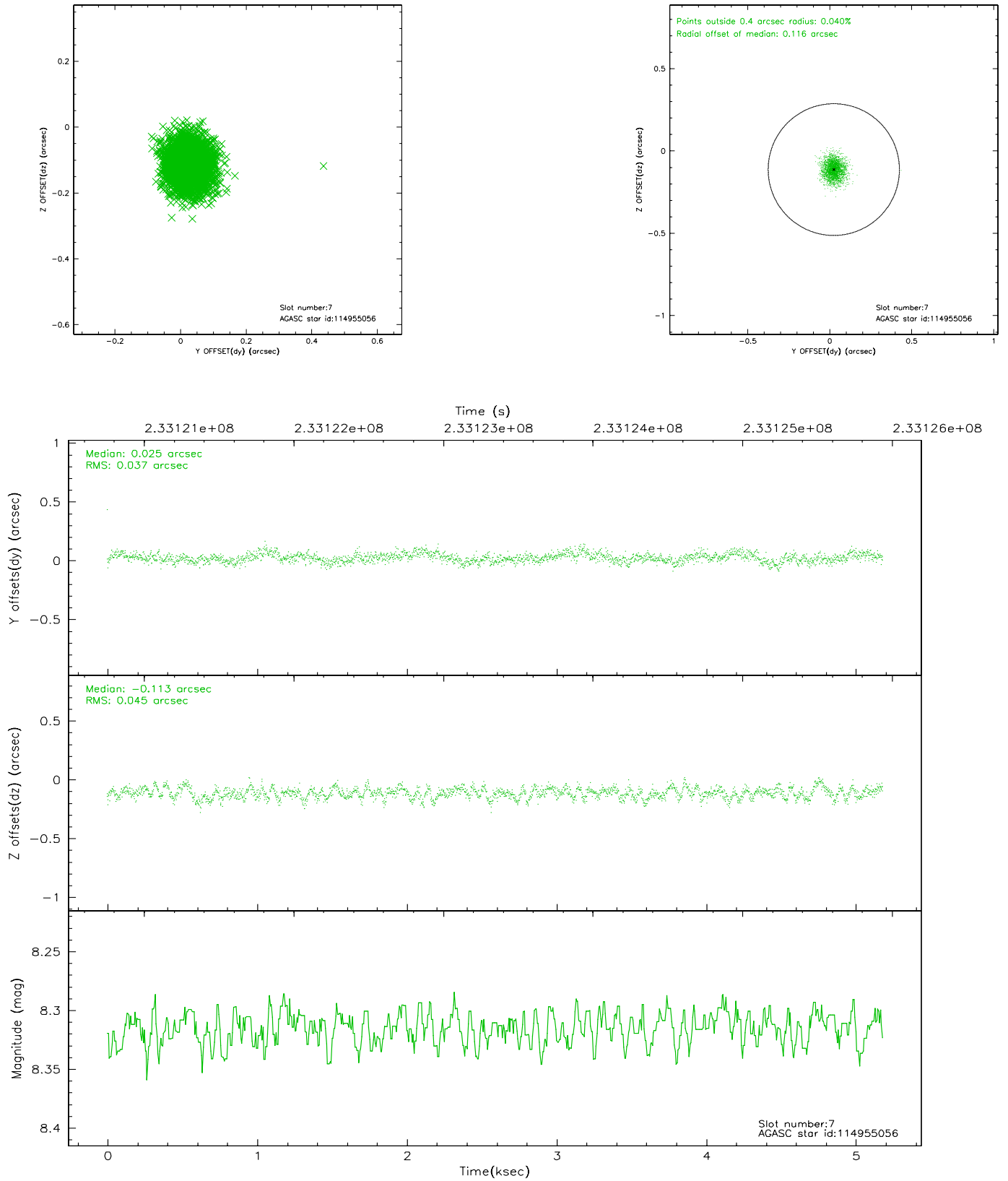
2.4.3 Slot 5



2.4.4 Slot 6

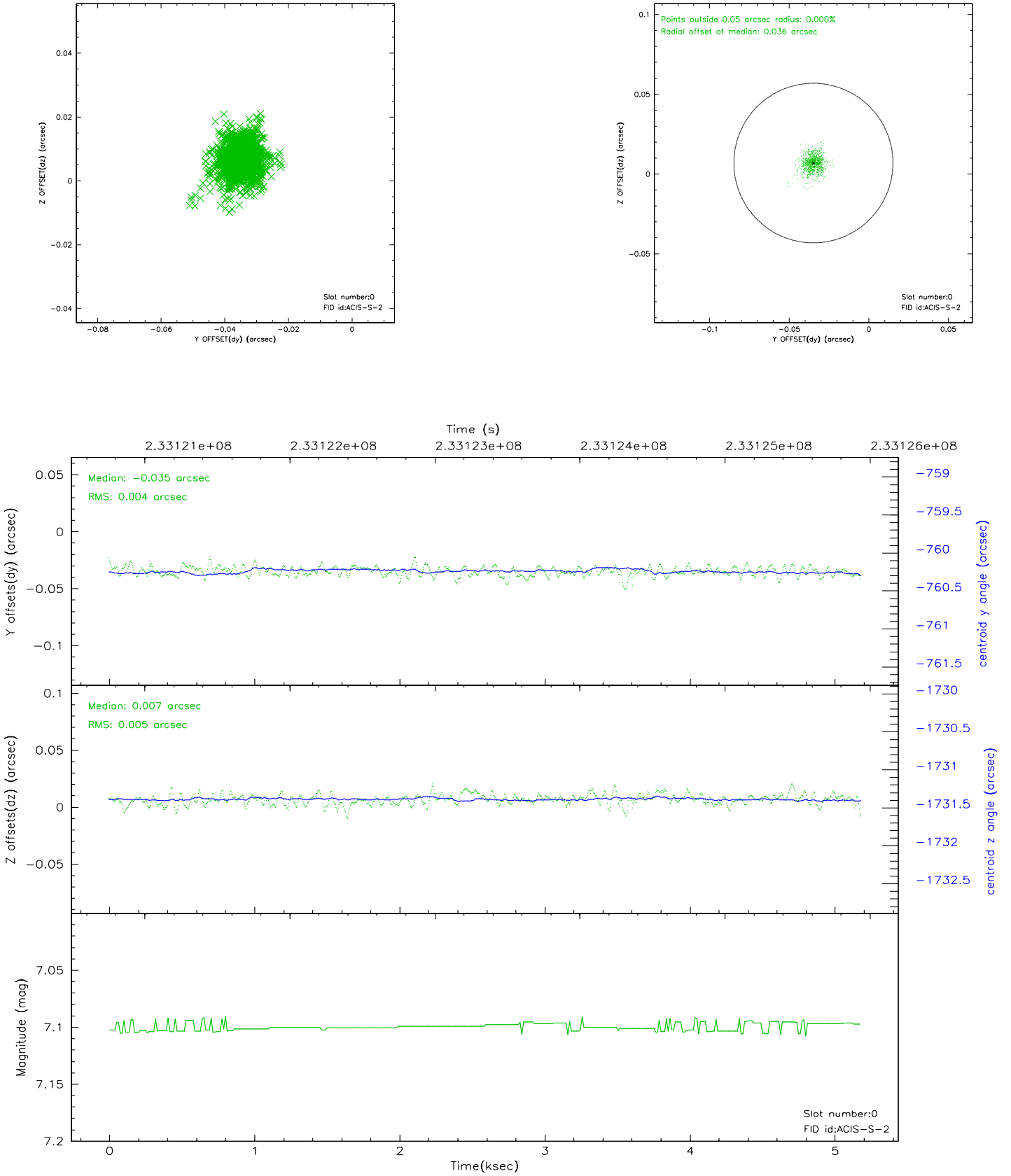


2.4.5 Slot 7

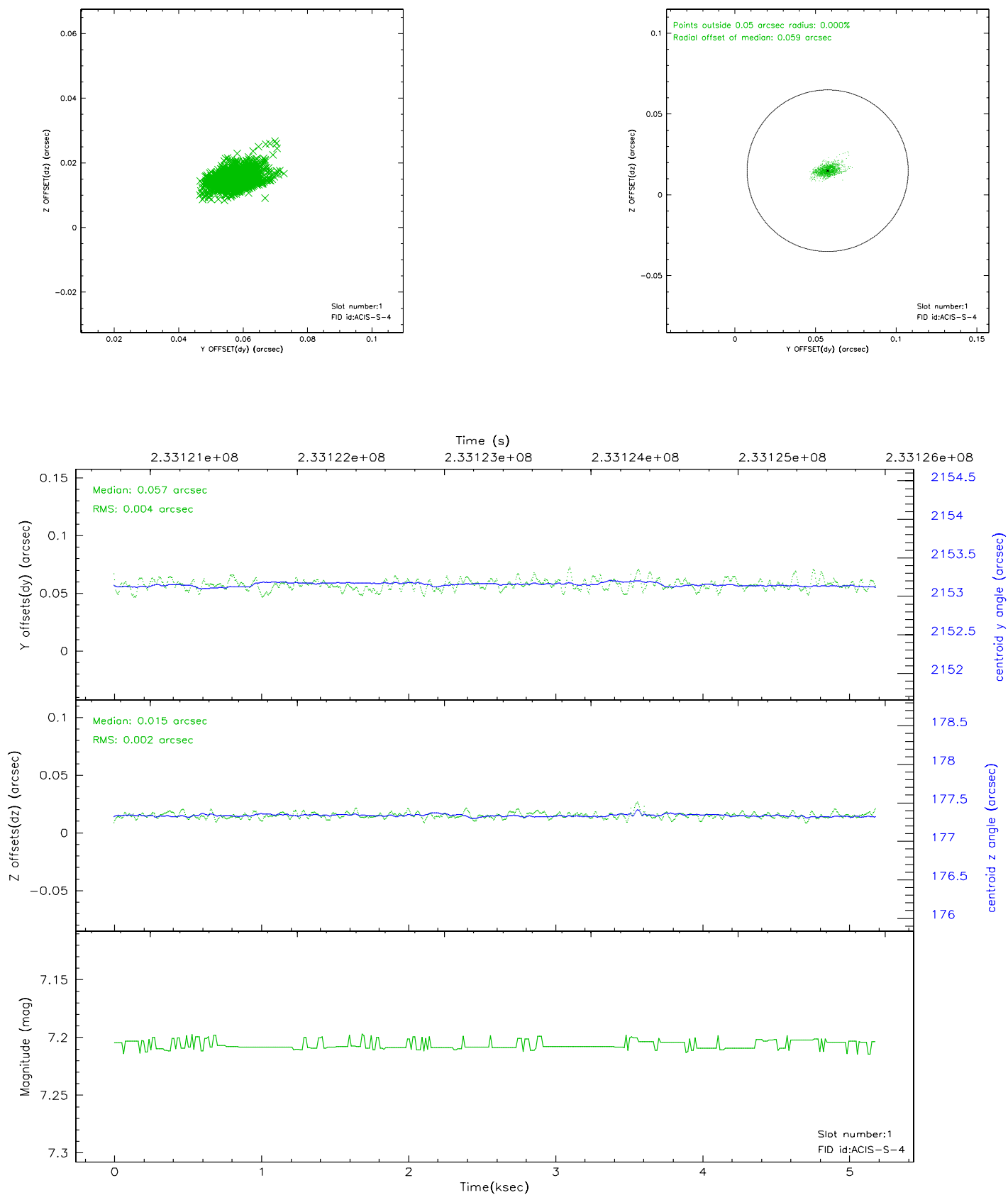


2.5 FID Slots

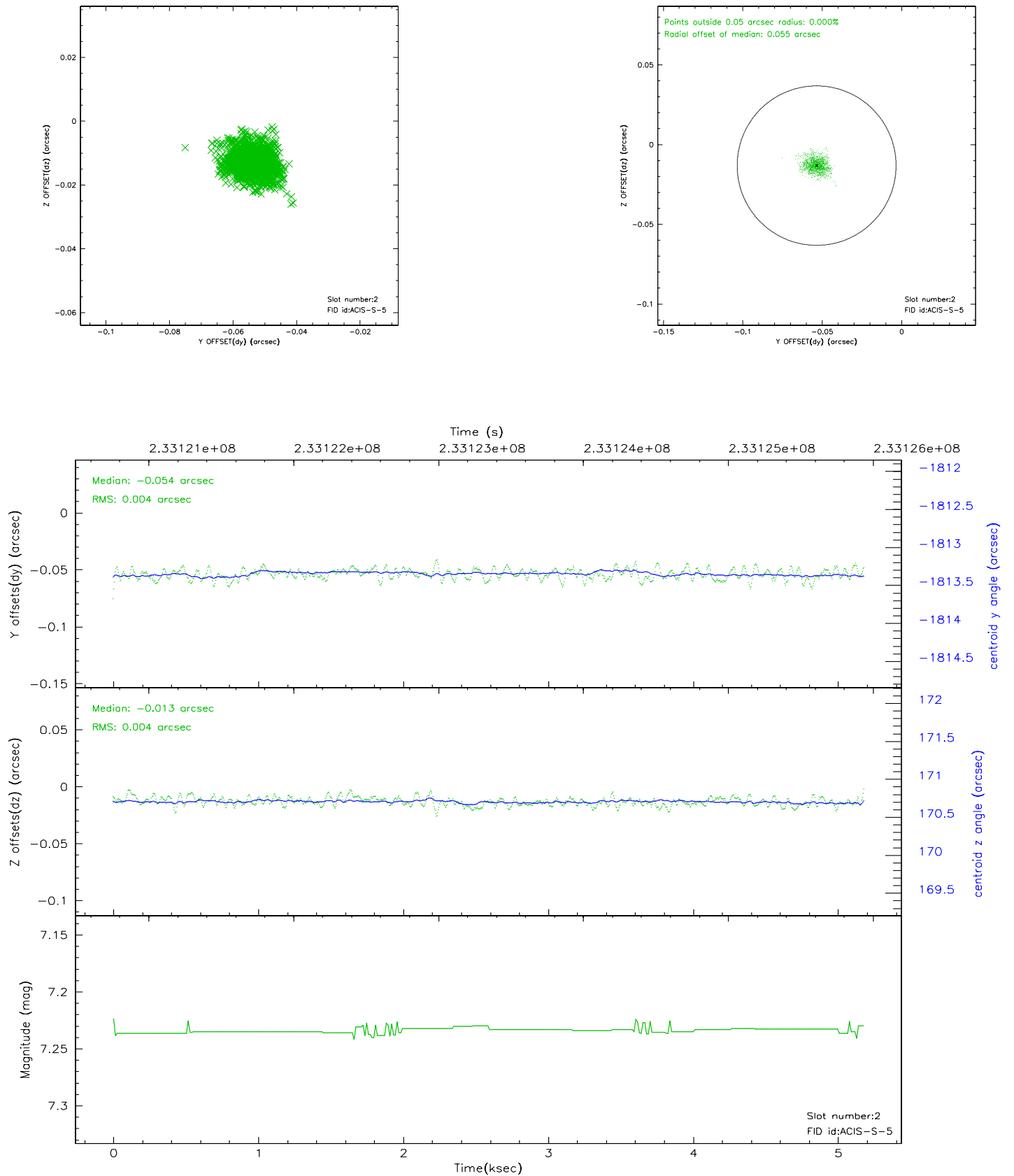
2.5.1 Slot 0



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)	2006.03.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.1832

A.2 Comments