

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5748 - L2 Version 002
Chandra X-Ray Center

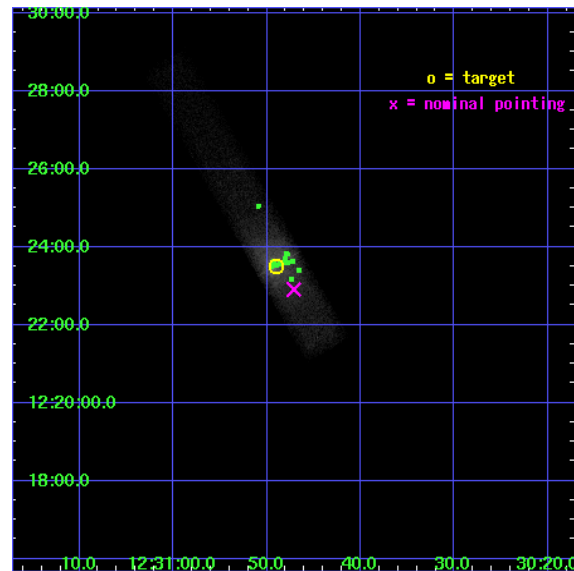
L2 Processing Date : Mar 8 2006

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1 Front

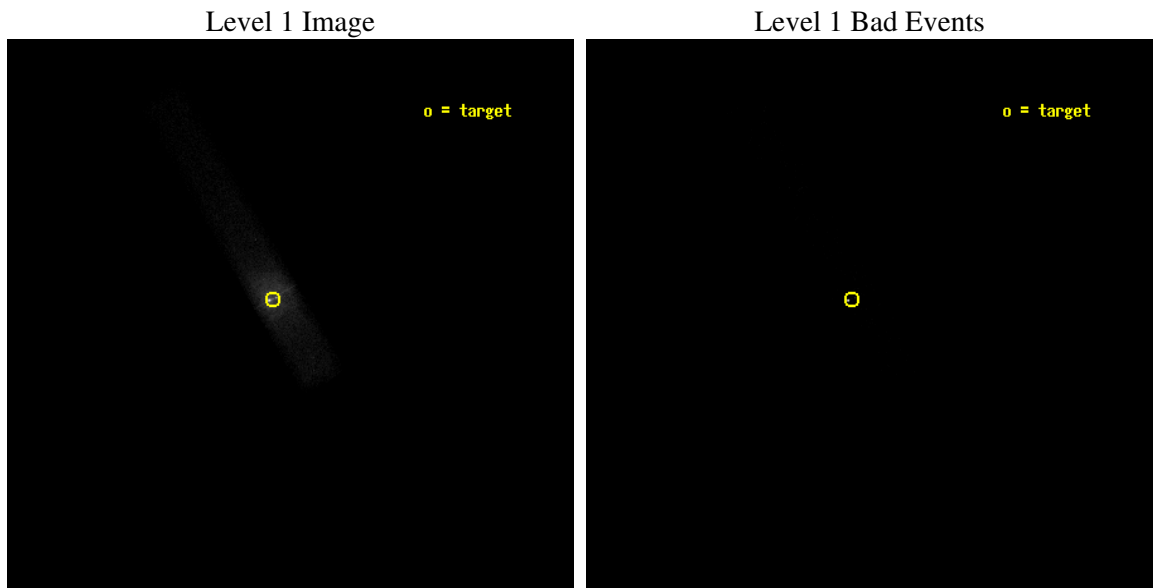
seq_num	701170
obs_id	5748
title	The X-ray Flares of Knot 'HST-1' in the M87 Jet (monitoring)
observer	Dr. John Biretta
object	M87
dtcycle	0
cycle	P
ra_targ	187.704167
dec_targ	12.391667
ra_nom	187.69637035336
dec_nom	12.381745471609
roll_nom	240.03440078065
revision	2
ontime	5181.6000772119
livetime	4699.4377627534
ontime7	5181.6000772119
l2events	58549



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-03-08T12:04:06
revision	2

sched_exp_time	5000.000000
ontime	5462.674239099
ontime7	5462.674239099
l1events	73786

2.1.4 Events

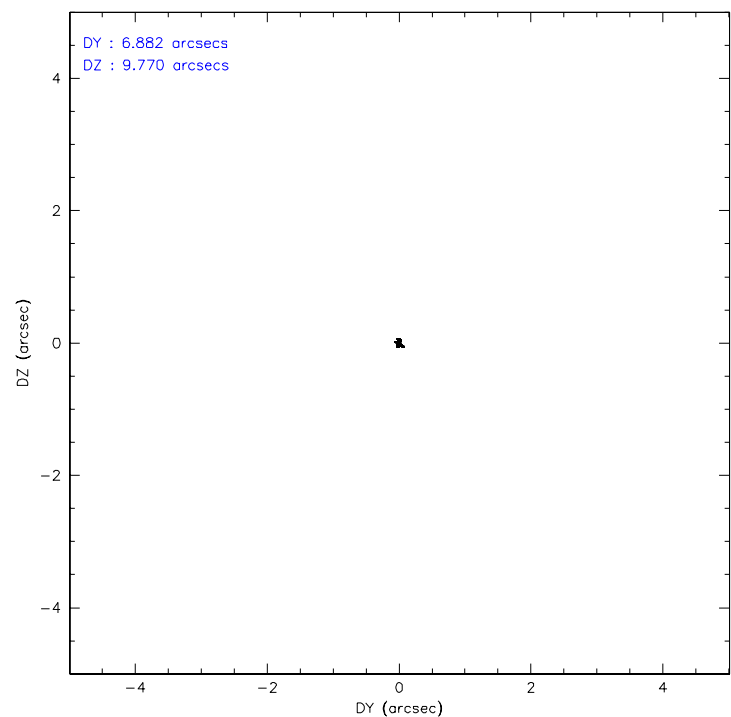
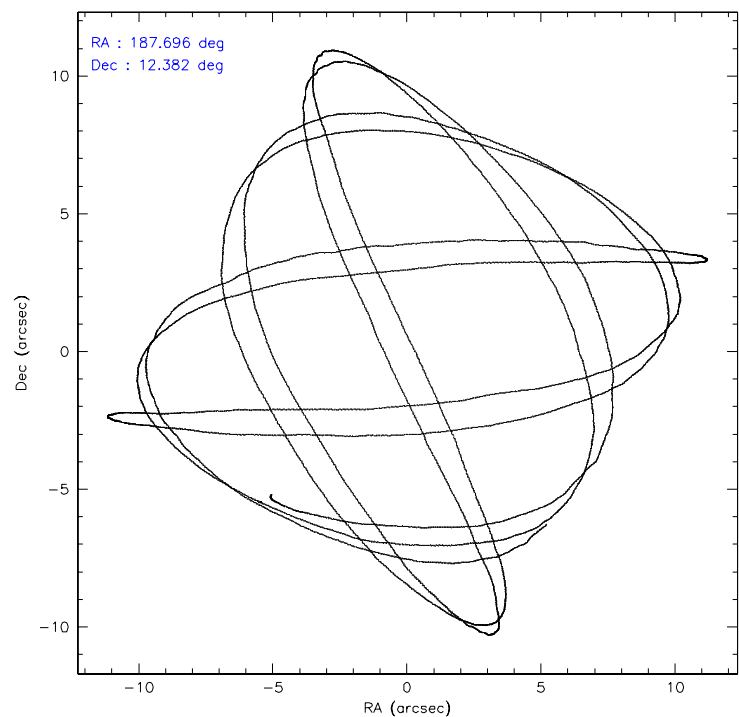
	ccd 7
level 1 events	73786
rejected events	14665
rejected %	19%

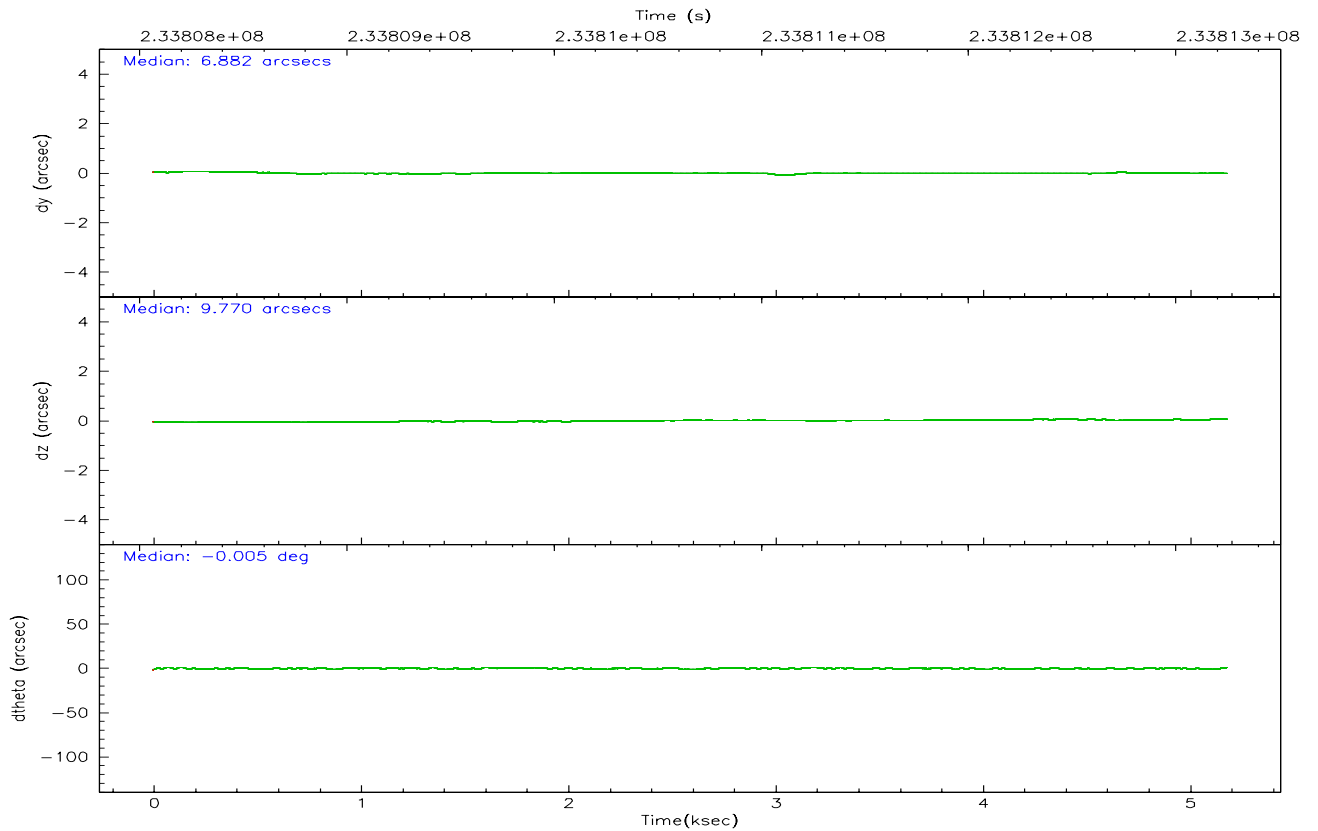
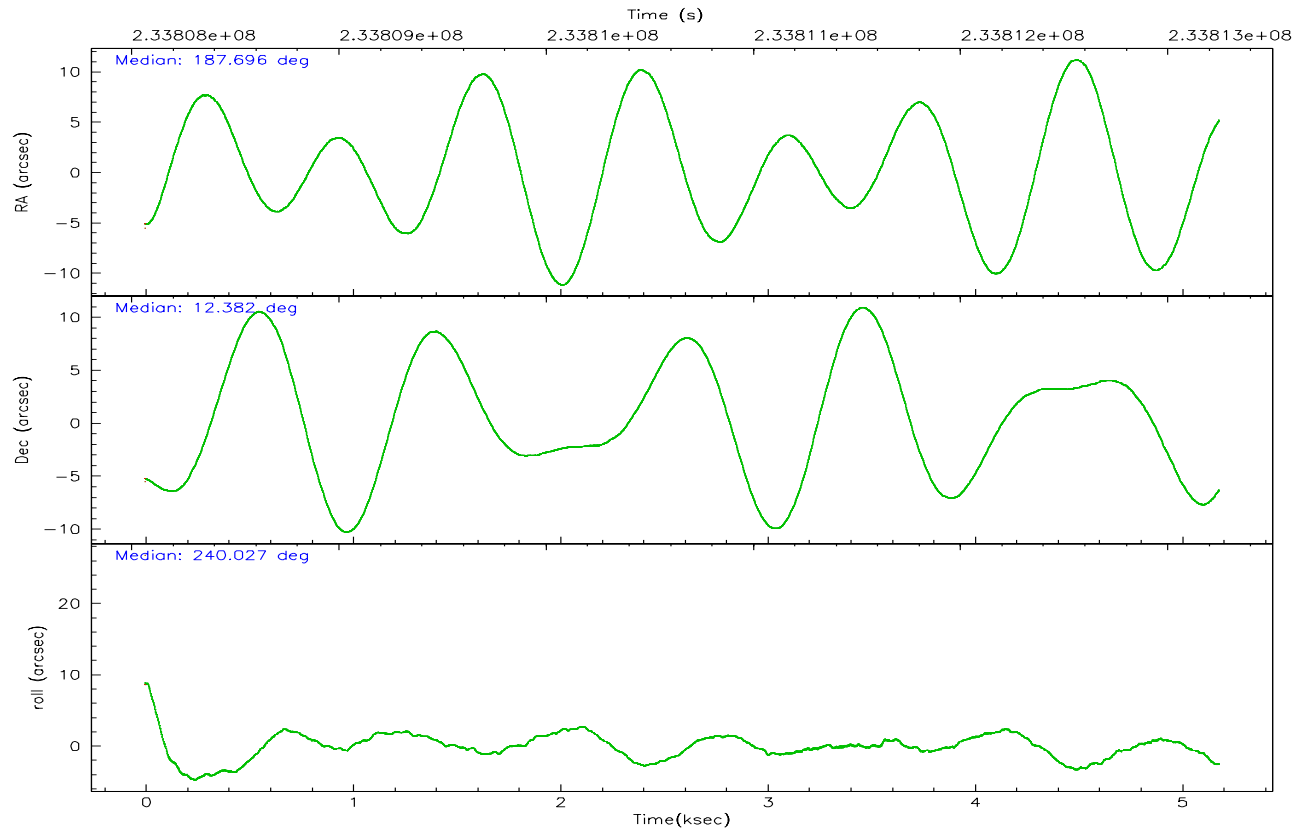
	ccd 7
grade 0 events	17277
	23%
grade 1 events	392
	0%
grade 2 events	15718
	21%
grade 3 events	6735
	9%
grade 4 events	6433
	8%
grade 5 events	2611
	3%
grade 6 events	14493
	19%
grade 7 events	10127
	13%

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	187.695944	187.6963703533646	Subarray start row	0	449
Pointing Dec	12.409052	12.38174547160895	Subarray row count	1024	128
Pointing Roll	239.877852	240.0344007806489	Alternating exposures requested	N	N
Window start time	233193664.184000	233193664.184000	Primary exposure time	0.000000	0.4
Window stop time	233798464.184000	233798464.184000			
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	233808241.184000	233807478.84615			
Observation start date	2005-05-30T02:42:57	2005-05-30T02:31:18			
Observation end time	233813241.184000	233814627.19648			
Observation end date	2005-05-30T04:06:17	2005-05-30T04:30:27			
Read mode	TIMED	TIMED			

2.3 Aspect



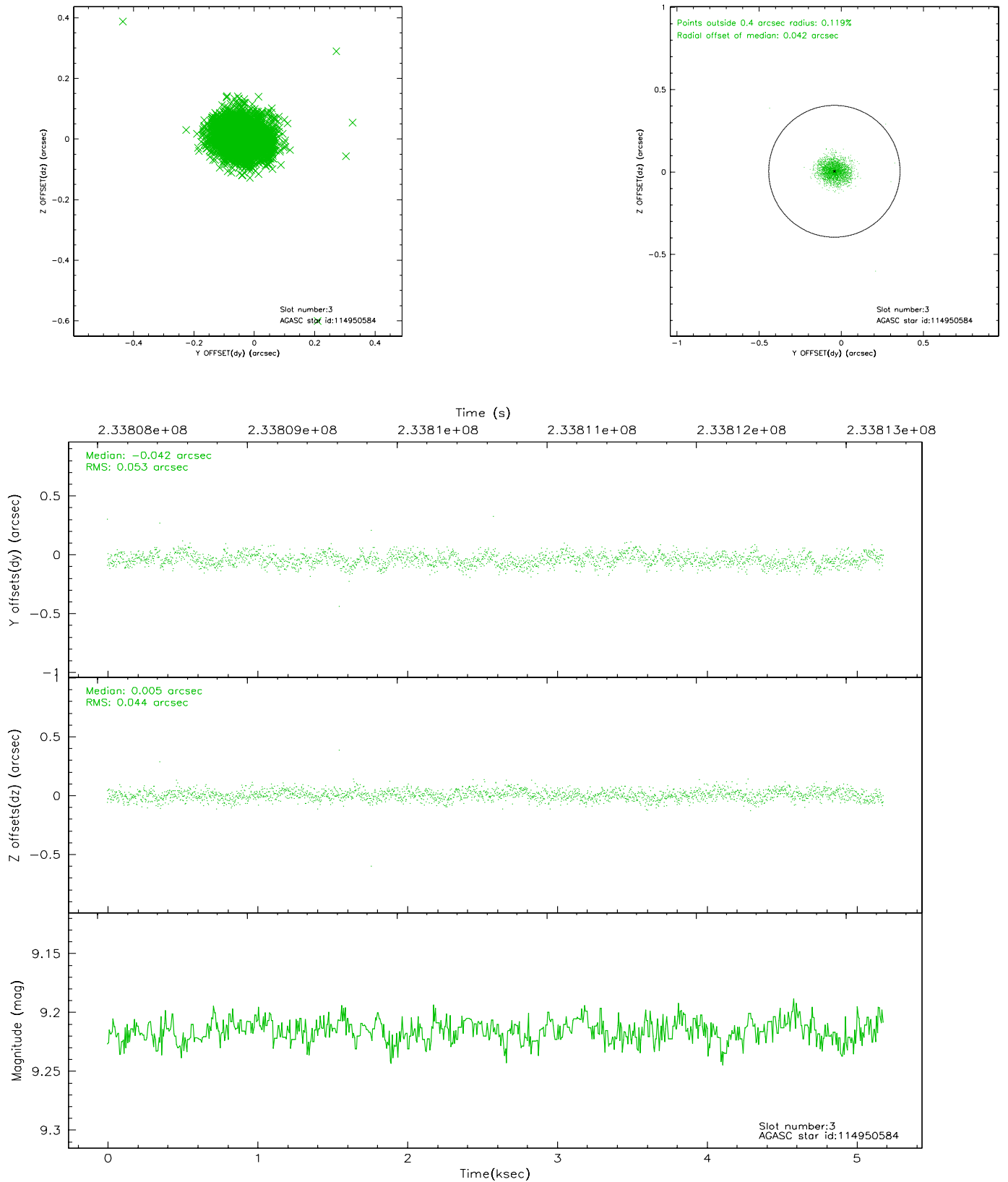


Slot Statistics

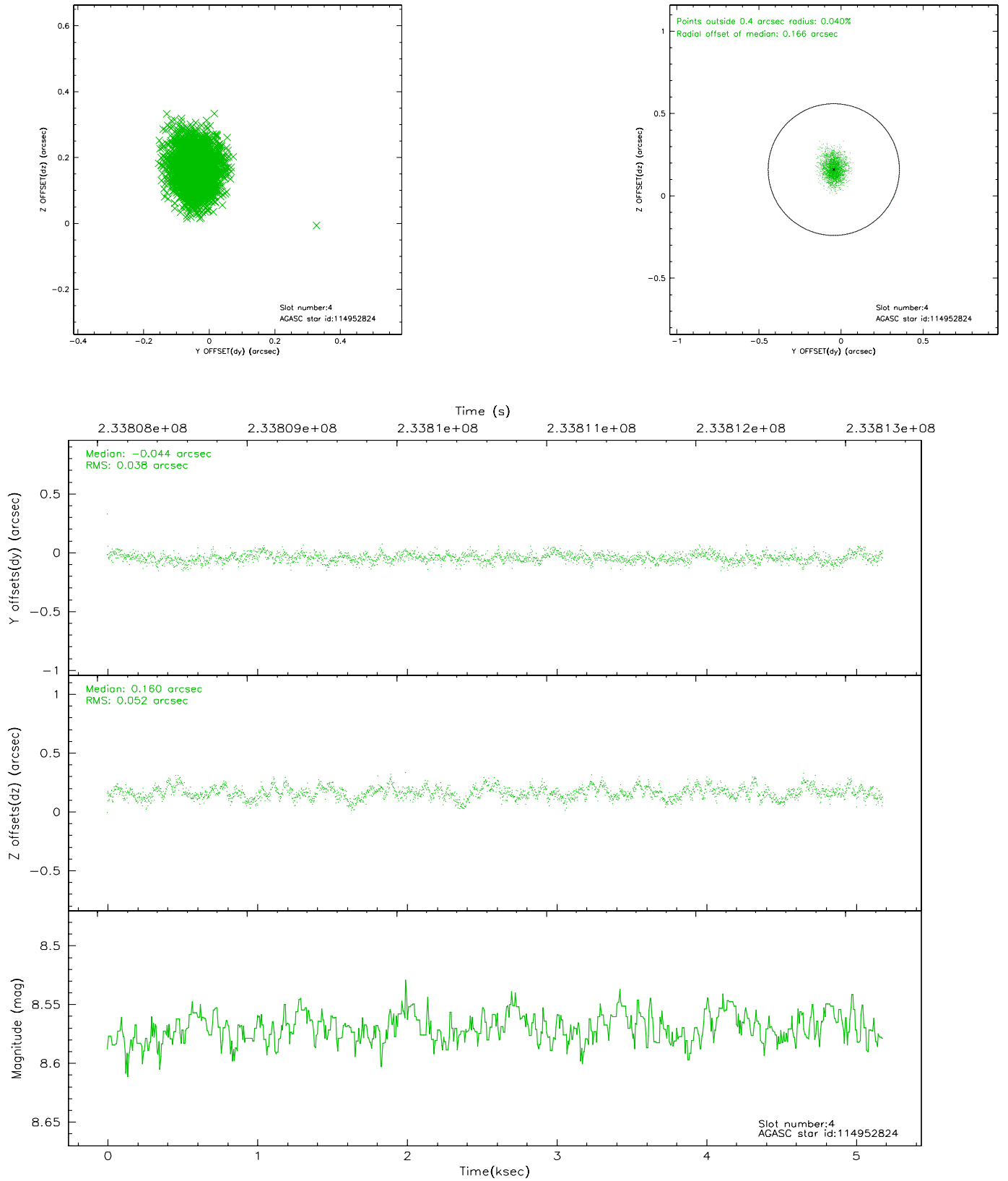
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1264	-0.047	-0.010	0.007	0.010	0.000000	0.000000	-759.64	-1731.04
1	FID	ACIS-S-4	7.21	1265	0.065	0.025	0.005	0.009	0.000000	0.000000	2153.18	176.33
2	FID	ACIS-S-5	7.23	1264	-0.049	-0.007	0.006	0.010	0.000000	0.000000	-1811.02	171.22
3	GUIDE	114950584	9.22	2529	-0.042	0.005	0.071	0.113	187.487323	11.827248	2180.42	415.11
4	GUIDE	114952824	8.57	2527	-0.044	0.160	0.067	0.111	187.703904	12.486727	-254.86	-116.19
5	GUIDE	114955056	8.34	2528	-0.021	-0.112	0.062	0.100	187.914001	12.127854	490.02	1171.37
6	GUIDE	114957008	8.26	2529	0.130	-0.123	0.072	0.116	186.894794	12.099160	2377.49	-1881.38
7	GUIDE	114950168	7.86	2528	-0.027	0.069	0.055	0.088	187.143398	12.117441	1883.55	-1156.97

2.4 Star Slots

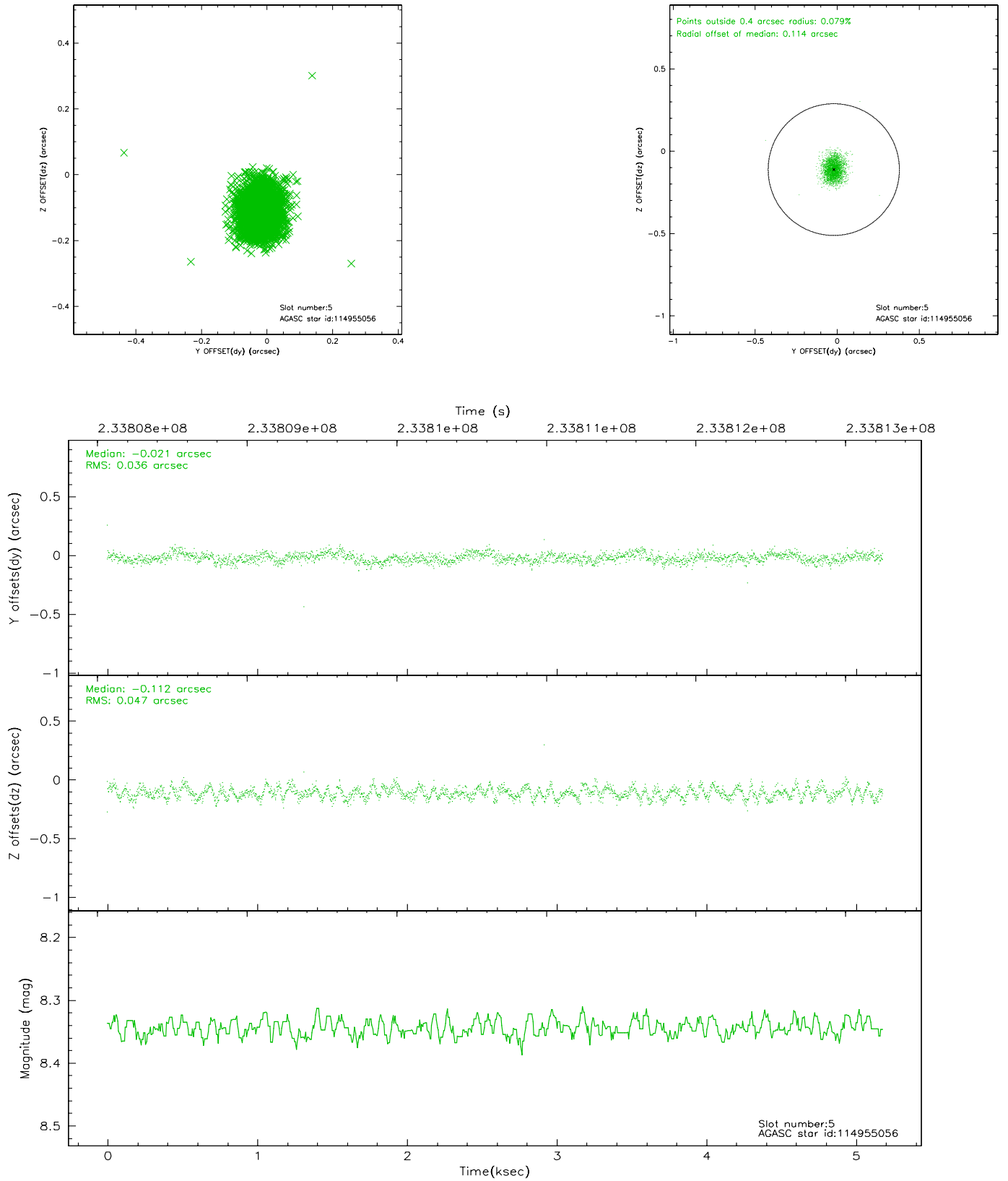
2.4.1 Slot 3



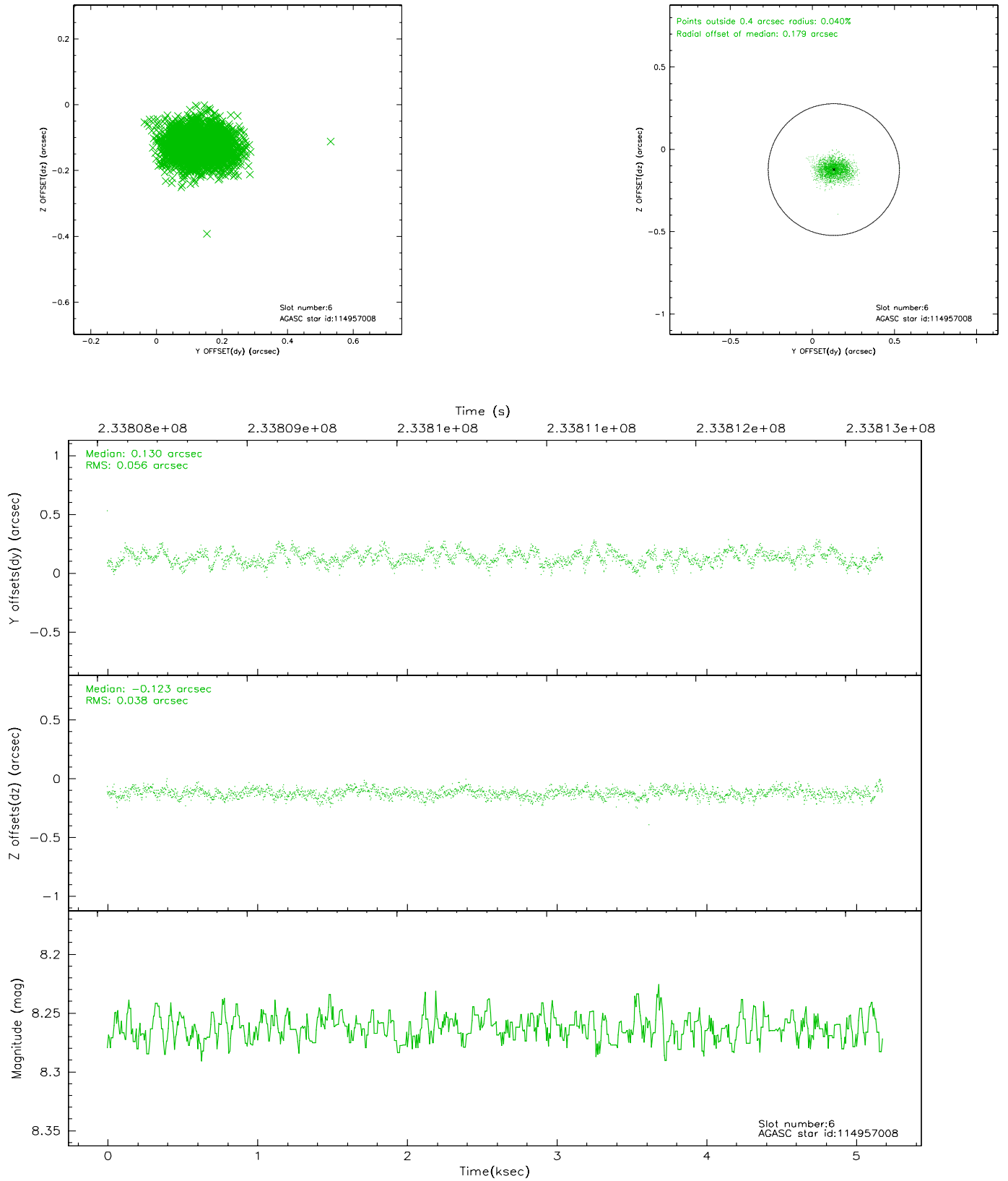
2.4.2 Slot 4



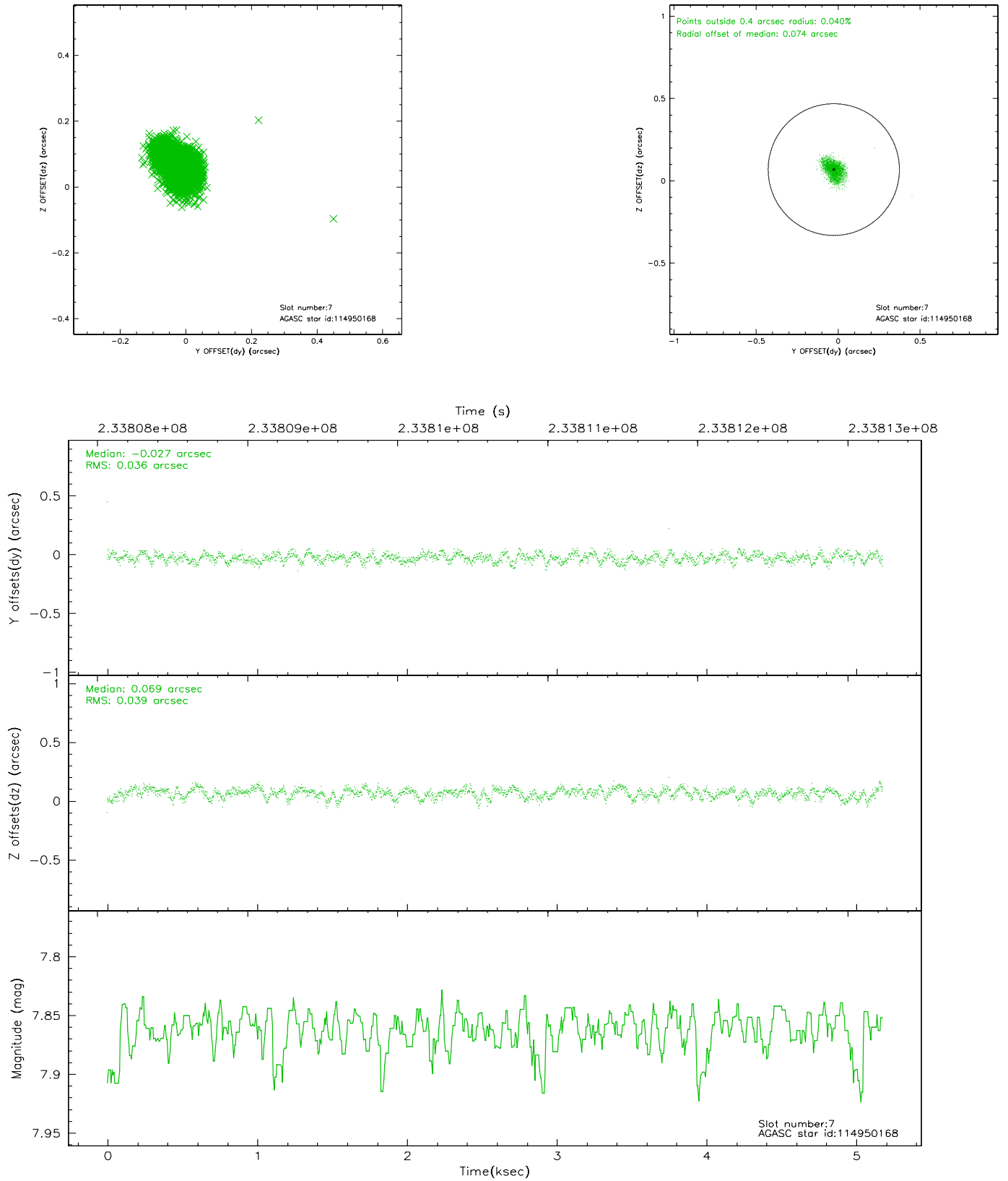
2.4.3 Slot 5



2.4.4 Slot 6

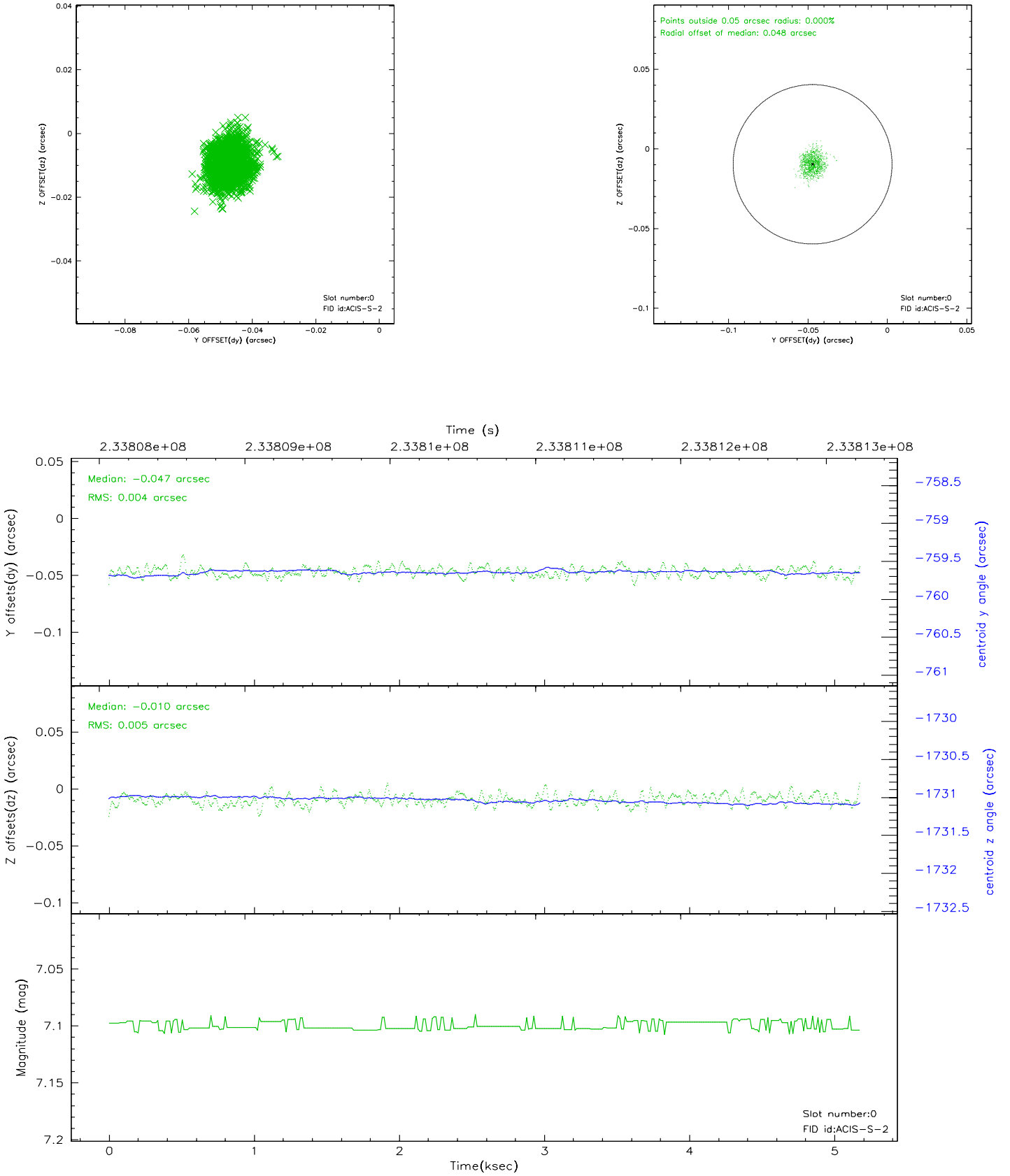


2.4.5 Slot 7

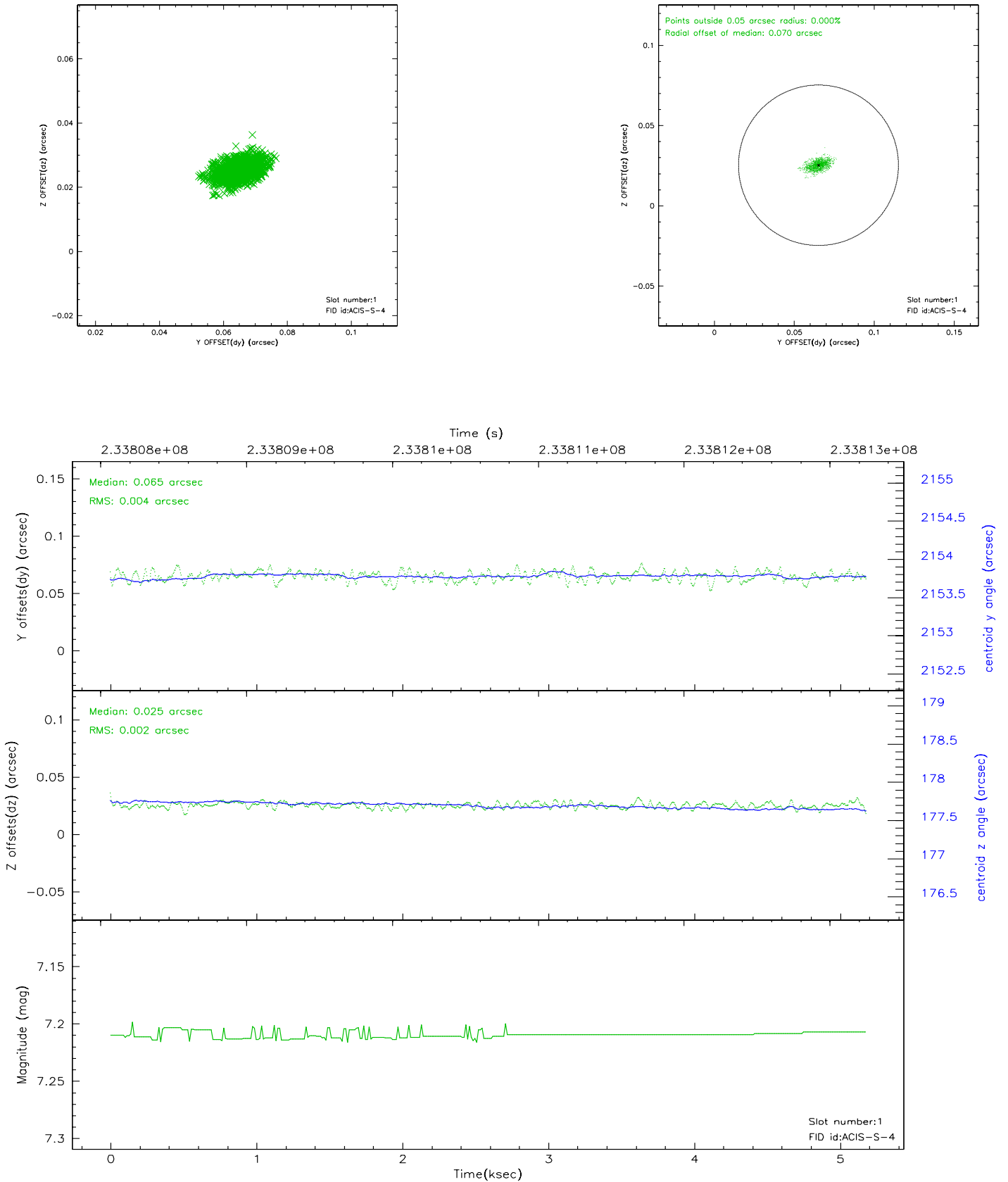


2.5 FID Slots

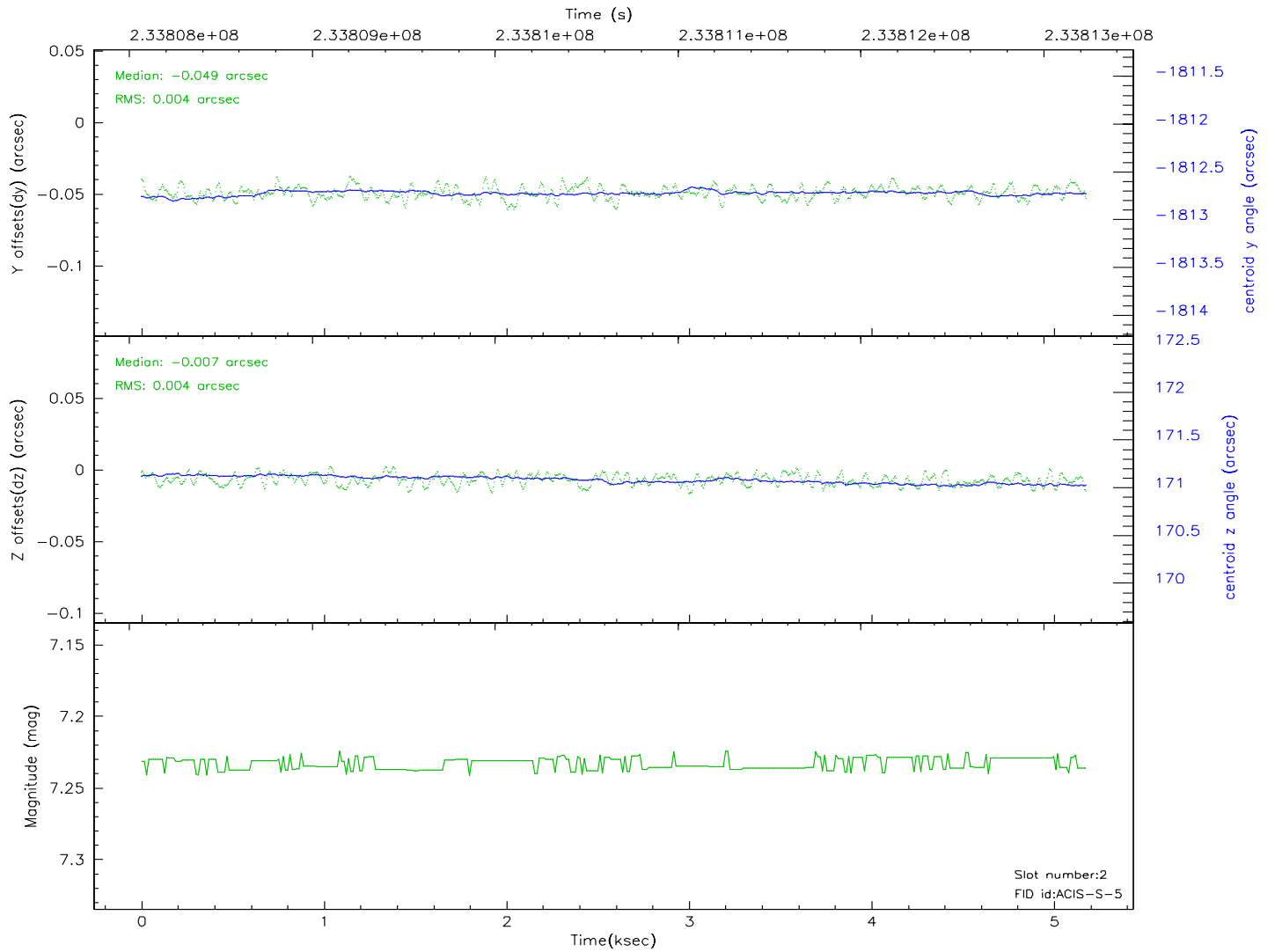
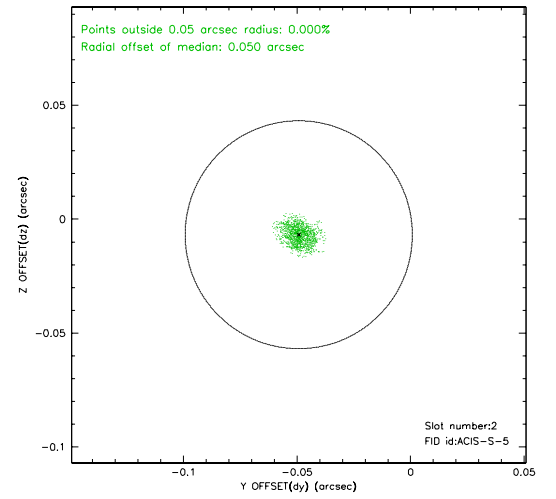
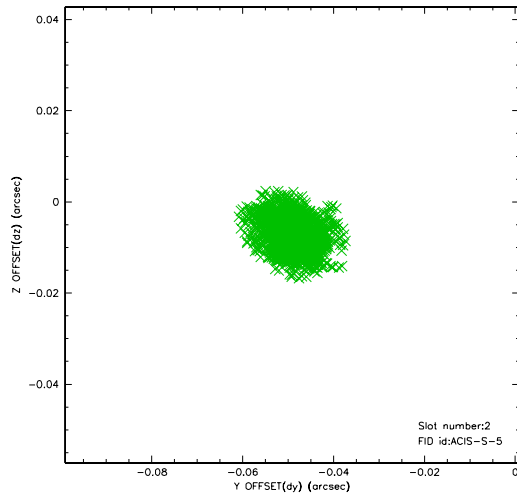
2.5.1 Slot 0



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)	2006.03.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.1816

A.2 Comments

Window constraint not met.