

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5737 - L2 Version 002
Chandra X-Ray Center

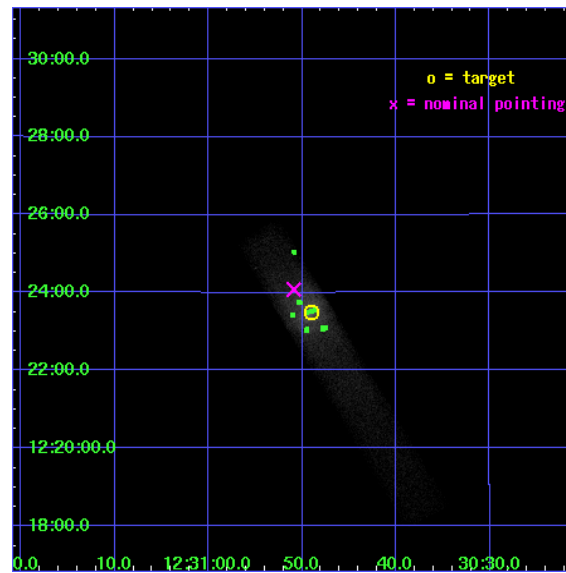
L2 Processing Date : Apr 10 2006

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1 Front

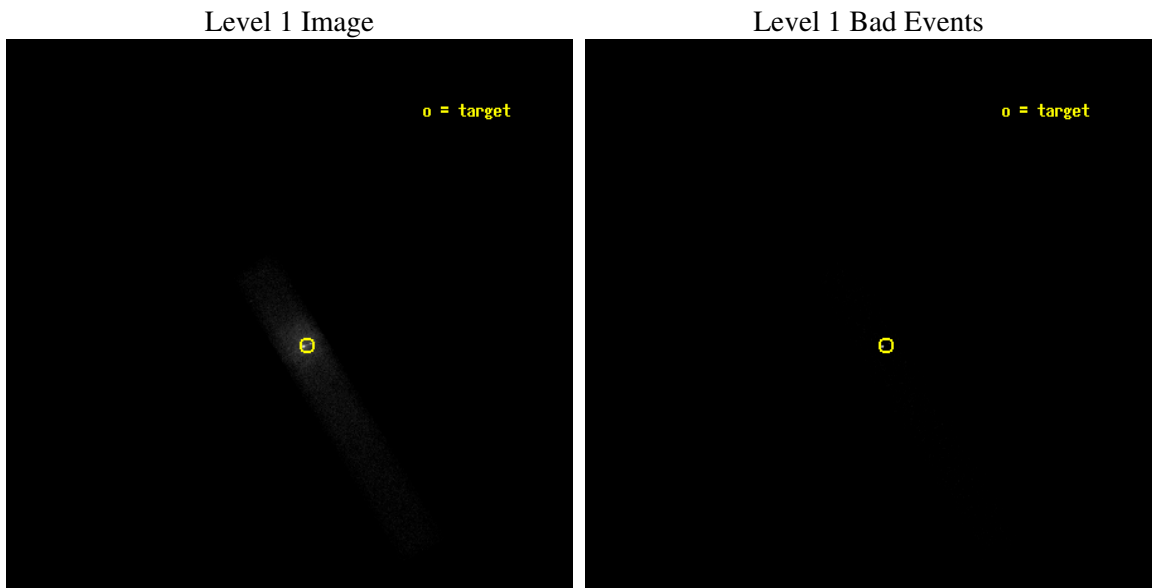
seq_num	701159
obs_id	5737
title	The X-ray Flares of Knot 'HST-1' in the M87 Jet (monitoring)
observer	Dr. John Biretta
object	M87
dtcycle	0
cycle	P
ra_targ	187.704167
dec_targ	12.391667
ra_nom	187.712072385
dec_nom	12.401300843449
roll_nom	58.808423270784
revision	2
ontime	4646.0000692308
livetime	4213.676826801
ontime7	4646.0000692308
l2events	55443



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-04-10T19:17:13
revision	2

sched_exp_time	4500.000000
ontime	5465.755535692
ontime7	5465.755535692
l1events	69289

2.1.4 Events

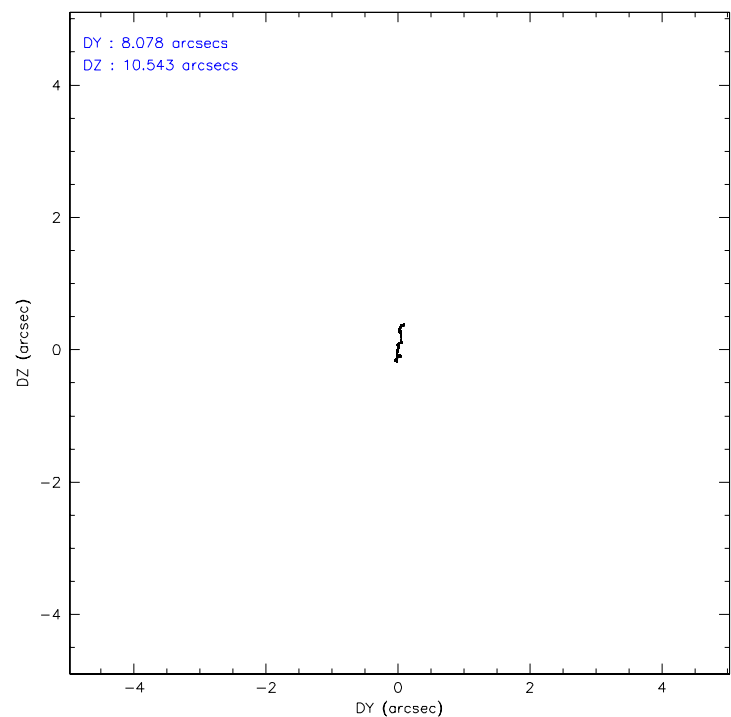
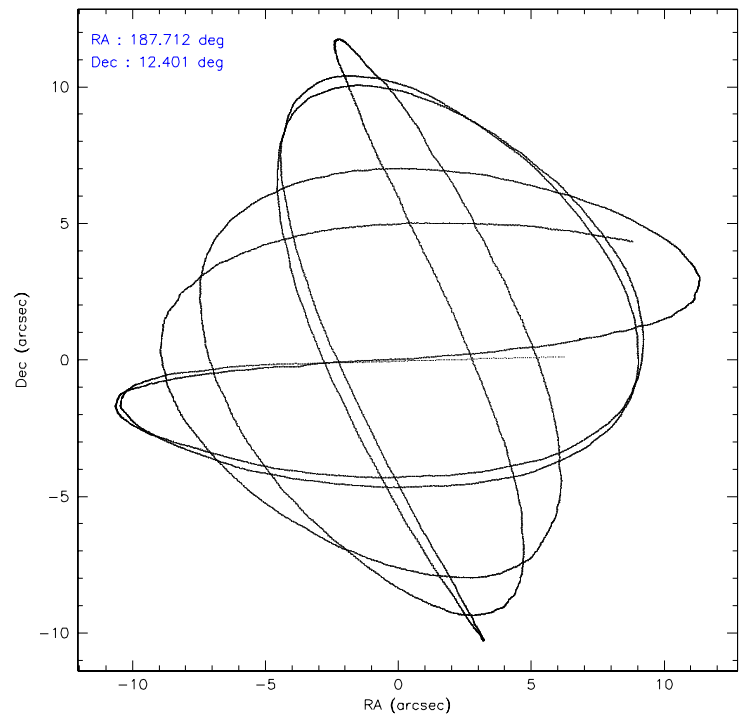
	ccd 7
level 1 events	69289
rejected events	13257
rejected %	19%

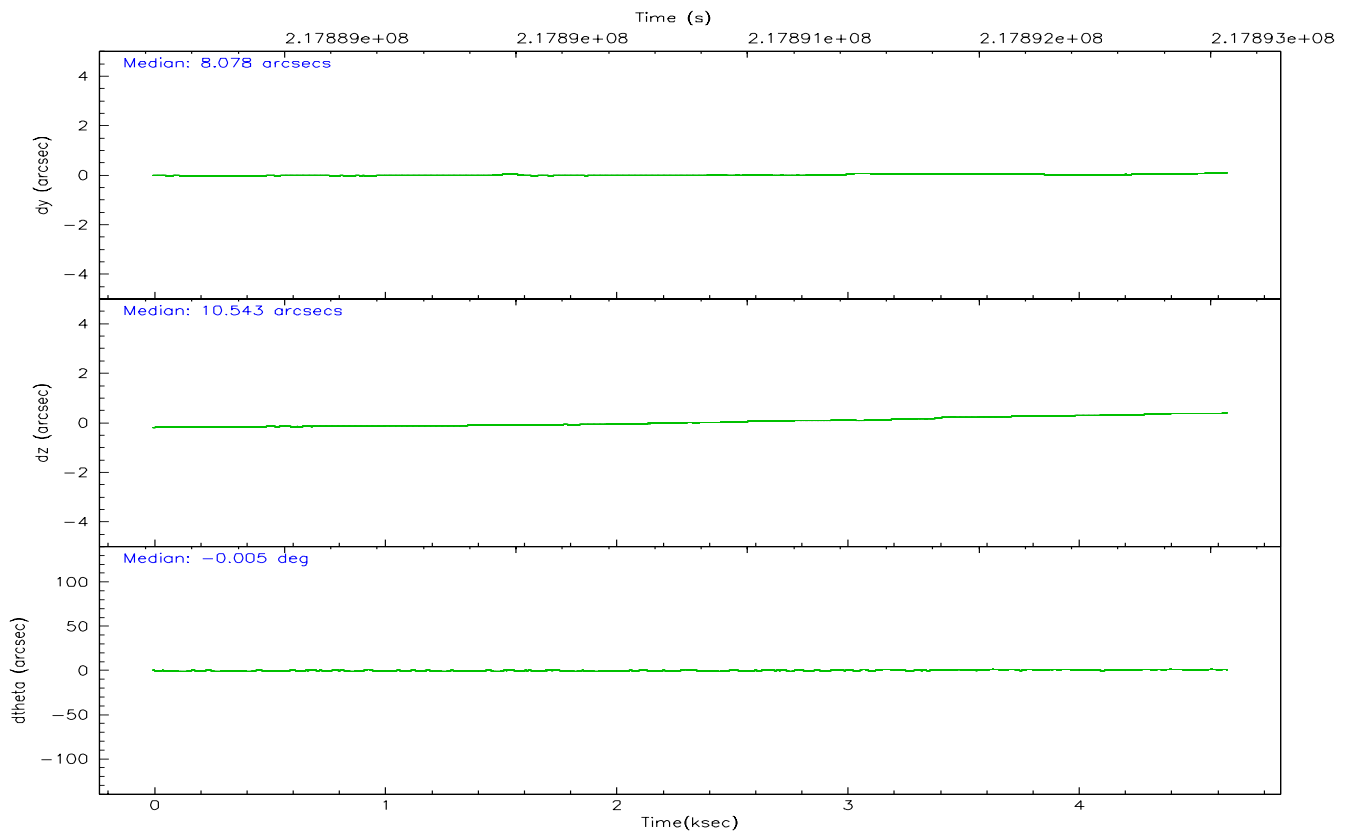
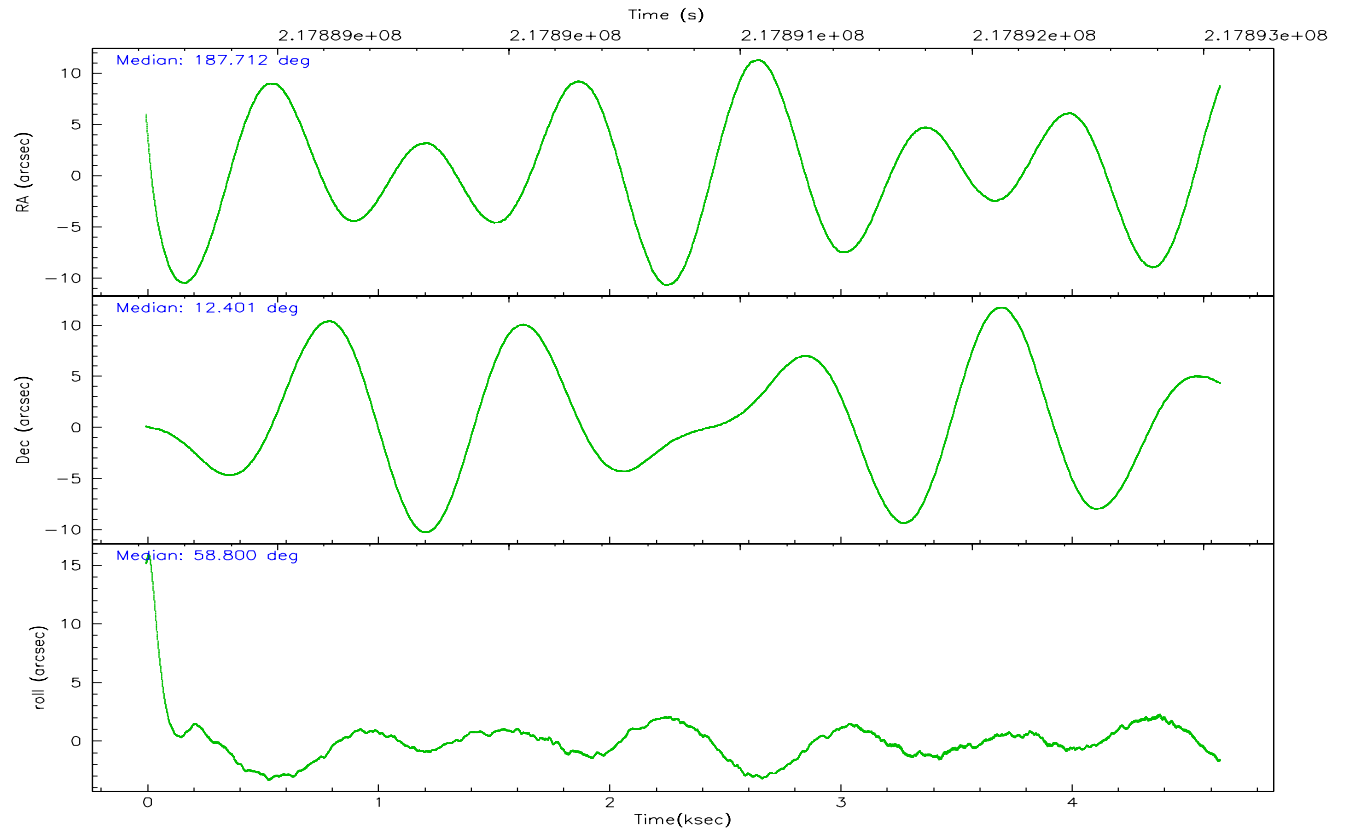
	ccd 7
grade 0 events	16500
	23%
grade 1 events	407
	0%
grade 2 events	15181
	21%
grade 3 events	6571
	9%
grade 4 events	6159
	8%
grade 5 events	2412
	3%
grade 6 events	13861
	20%
grade 7 events	8198
	11%

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	187.712002	187.7120723850012	Subarray start row	0	449
Pointing Dec	12.374123	12.4013008434495	Subarray row count	1024	128
Pointing Roll	58.651774	58.80842327078419	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	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	217888571.184000	217887556.8628			
Observation start date	2004-11-26T20:35:07	2004-11-26T20:19:16			
Observation end time	217893071.184000	217893720.70058			
Observation end date	2004-11-26T21:50:07	2004-11-26T22:02:00			
Read mode	TIMED	TIMED			

2.3 Aspect



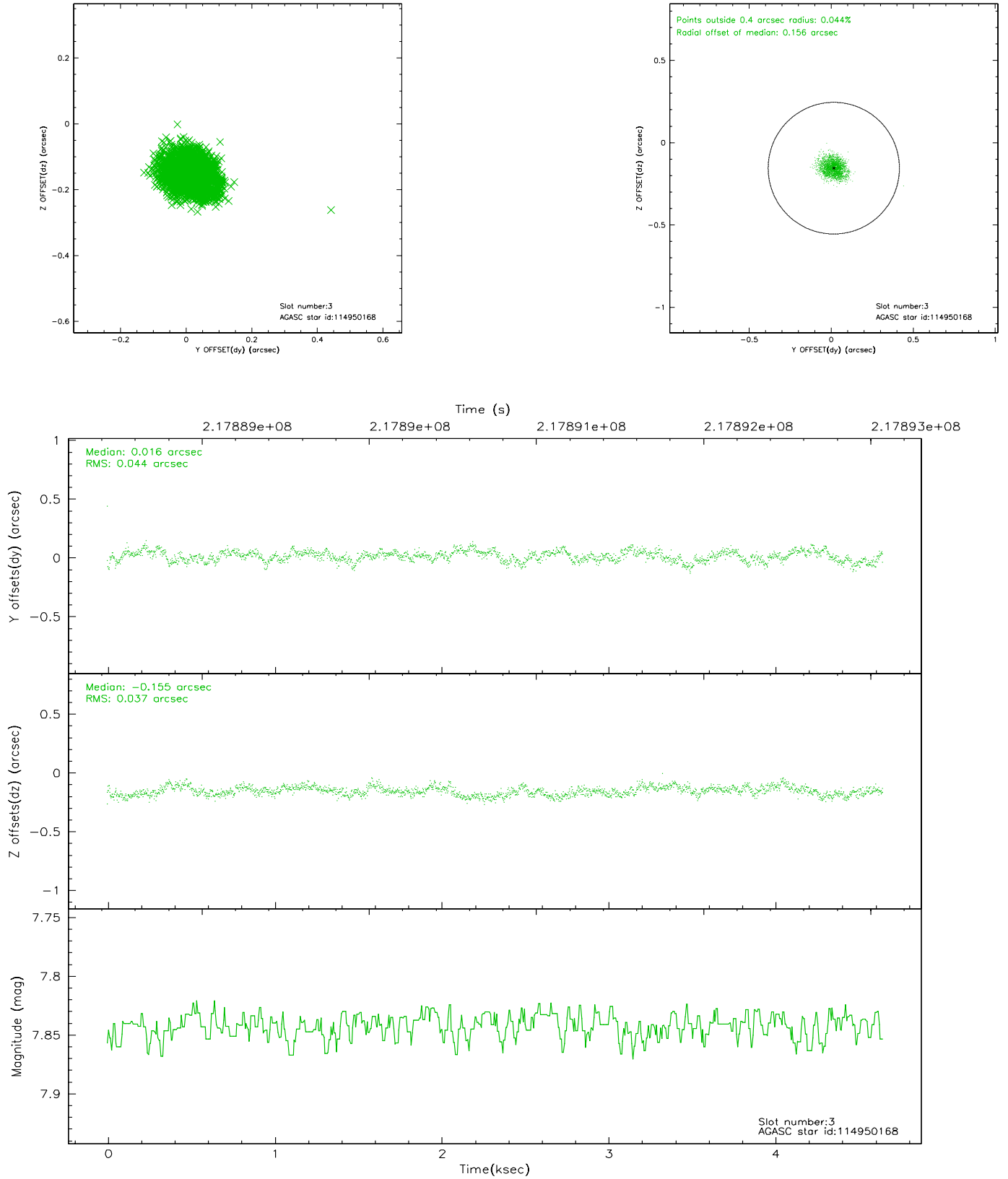


Slot Statistics

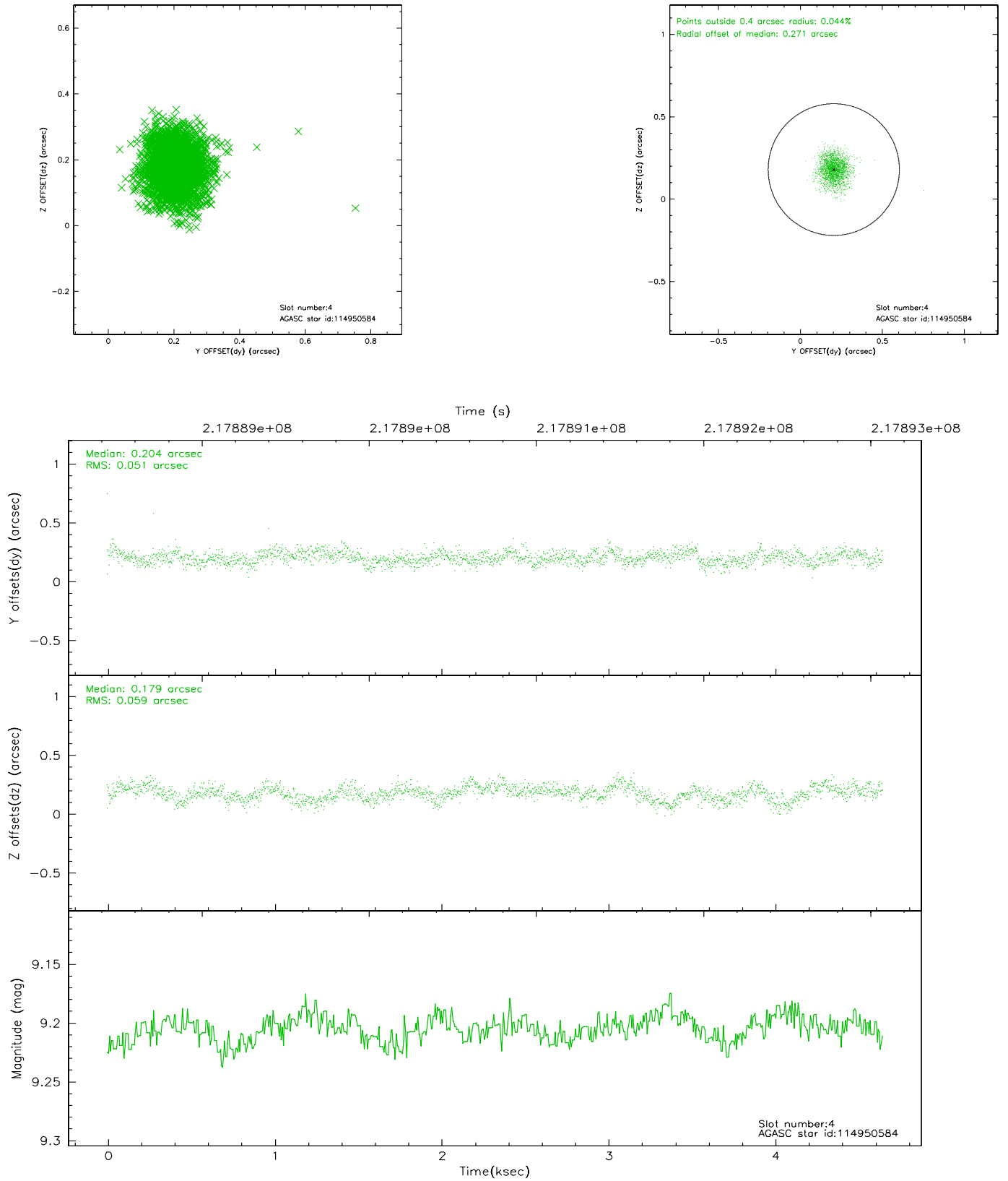
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1133	-0.029	0.009	0.007	0.011	0.000000	0.000000	-760.85	-1731.86
1	FID	ACIS-S-4	7.21	1134	0.066	0.012	0.005	0.010	0.000000	0.000000	2151.87	175.33
2	FID	ACIS-S-5	7.23	1134	-0.069	-0.012	0.006	0.010	0.000000	0.000000	-1812.08	170.39
3	GUIDE	114950168	7.84	2268	0.016	-0.155	0.062	0.096	187.143398	12.117441	-1828.31	1229.26
4	GUIDE	114950584	9.20	2265	0.204	0.179	0.081	0.134	187.487323	11.827248	-2093.13	-347.27
5	GUIDE	114952824	8.55	2266	-0.187	-0.131	0.095	0.145	187.703904	12.486727	330.61	235.22
6	GUIDE	114955056	8.31	2268	-0.105	0.286	0.072	0.120	187.914001	12.127854	-386.40	-1067.76
7	GUIDE	114957008	8.24	2267	0.073	-0.174	0.085	0.132	186.894794	12.099160	-2338.31	1943.45

2.4 Star Slots

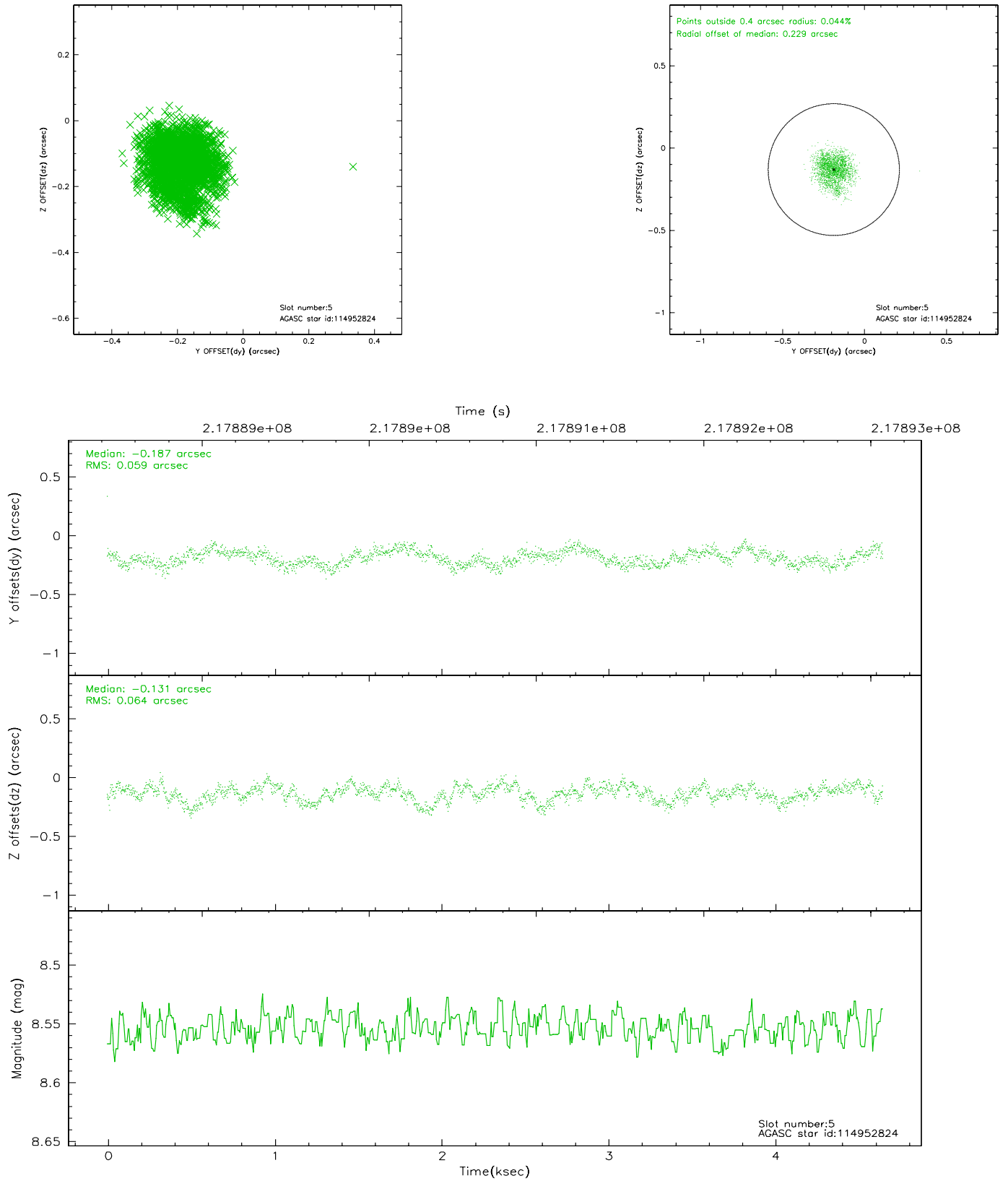
2.4.1 Slot 3



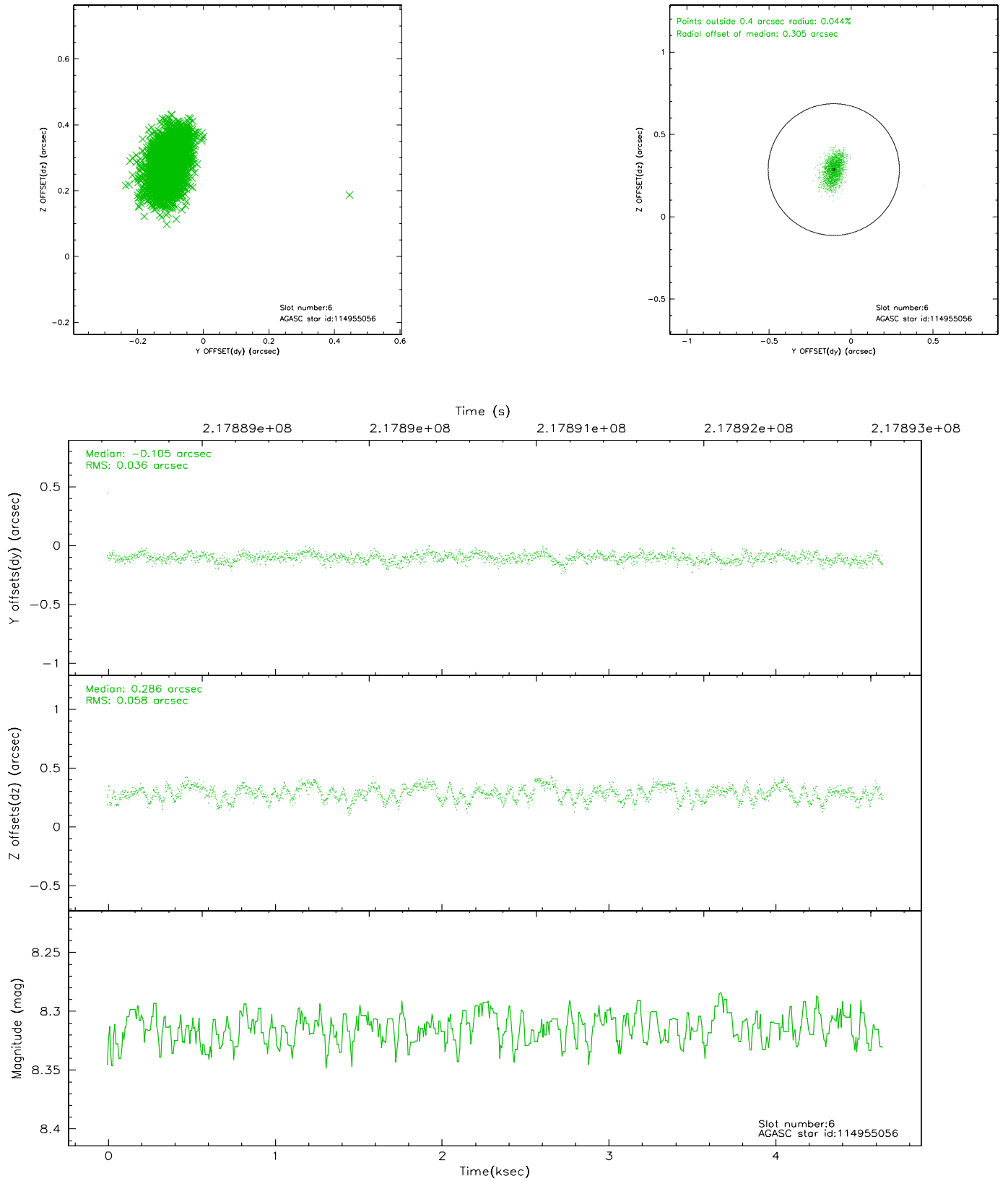
2.4.2 Slot 4



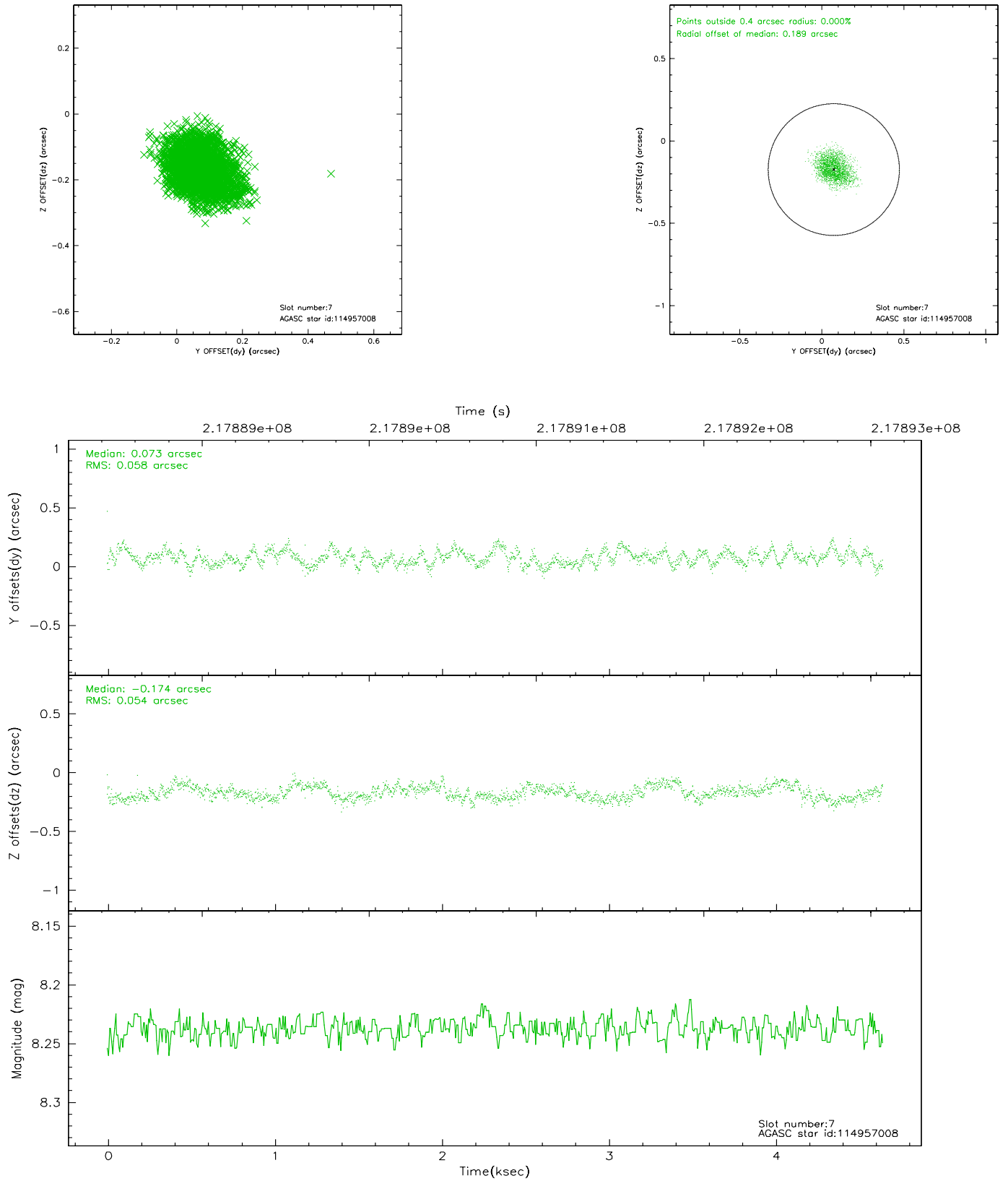
2.4.3 Slot 5



2.4.4 Slot 6

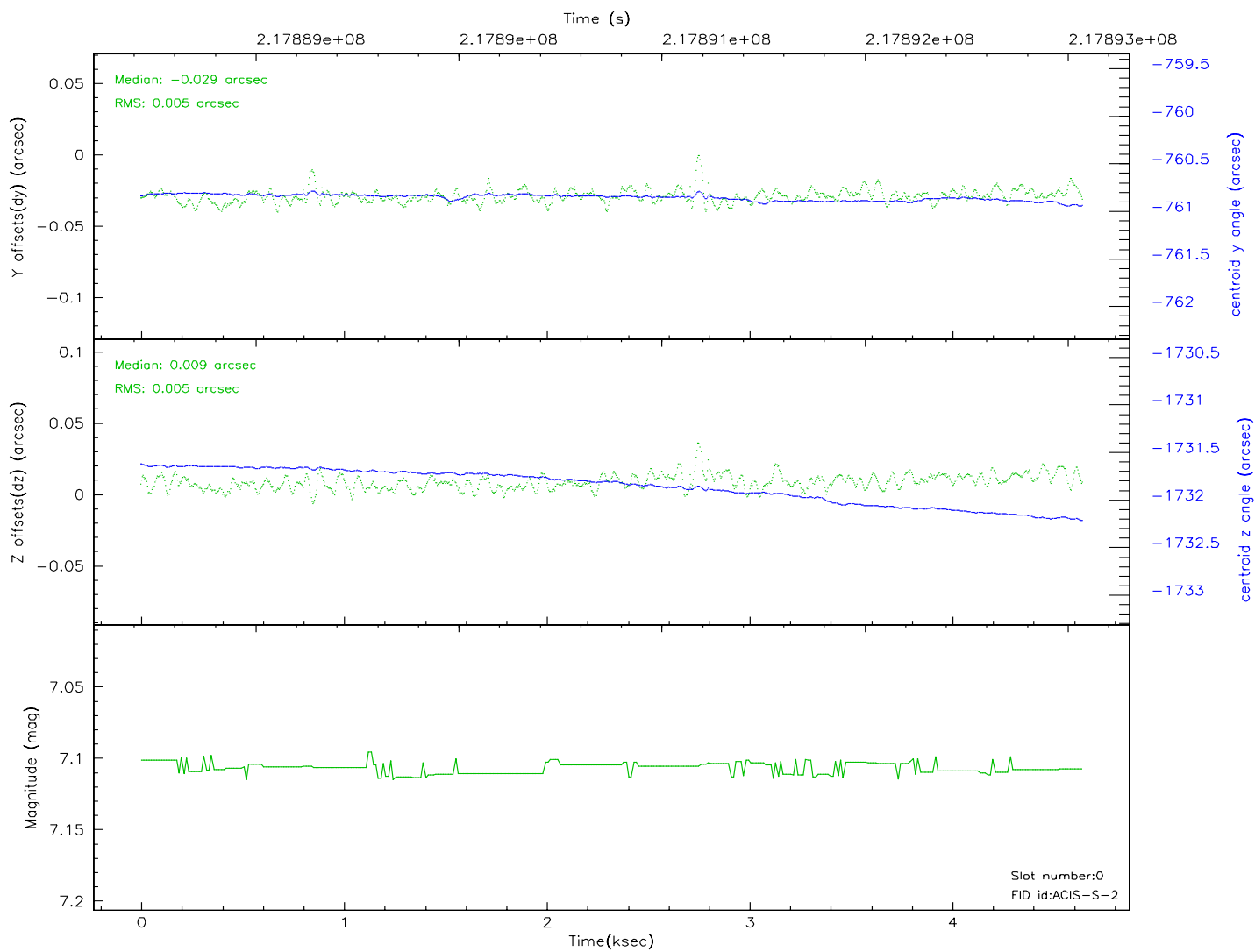
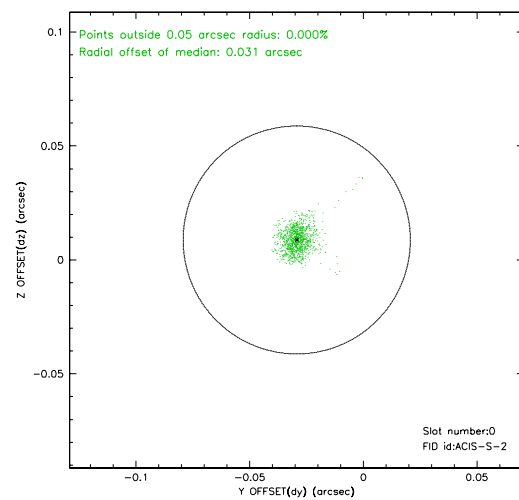
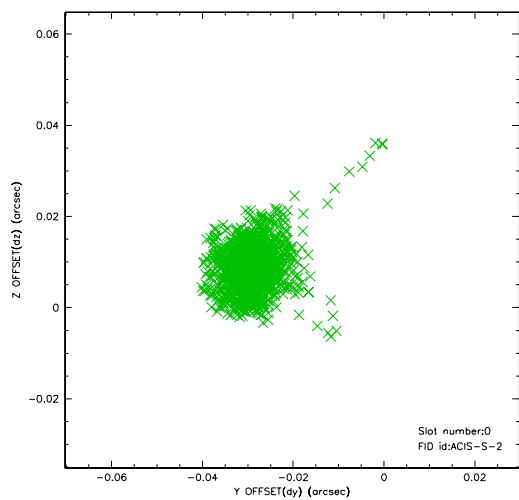


2.4.5 Slot 7

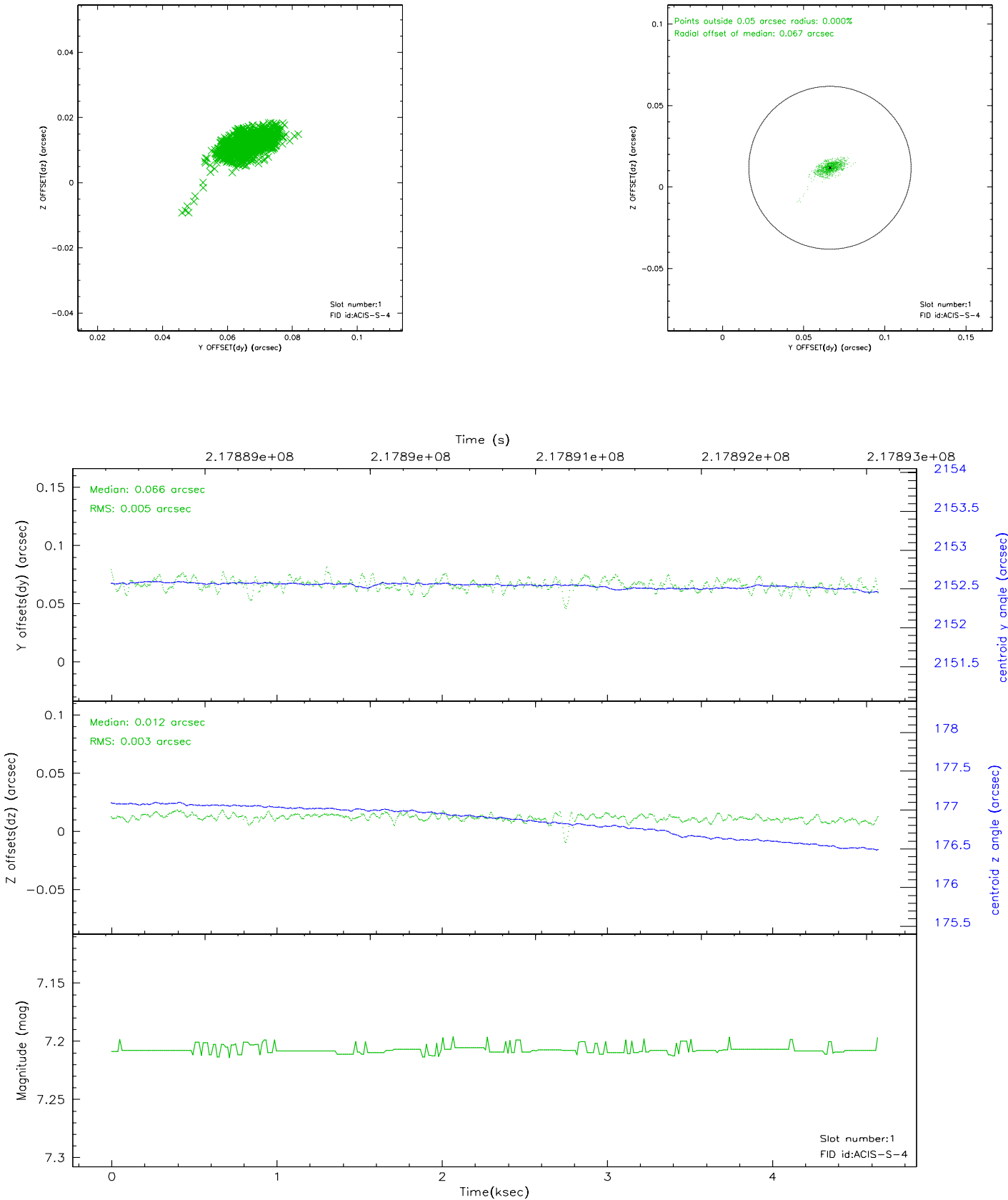


2.5 FID Slots

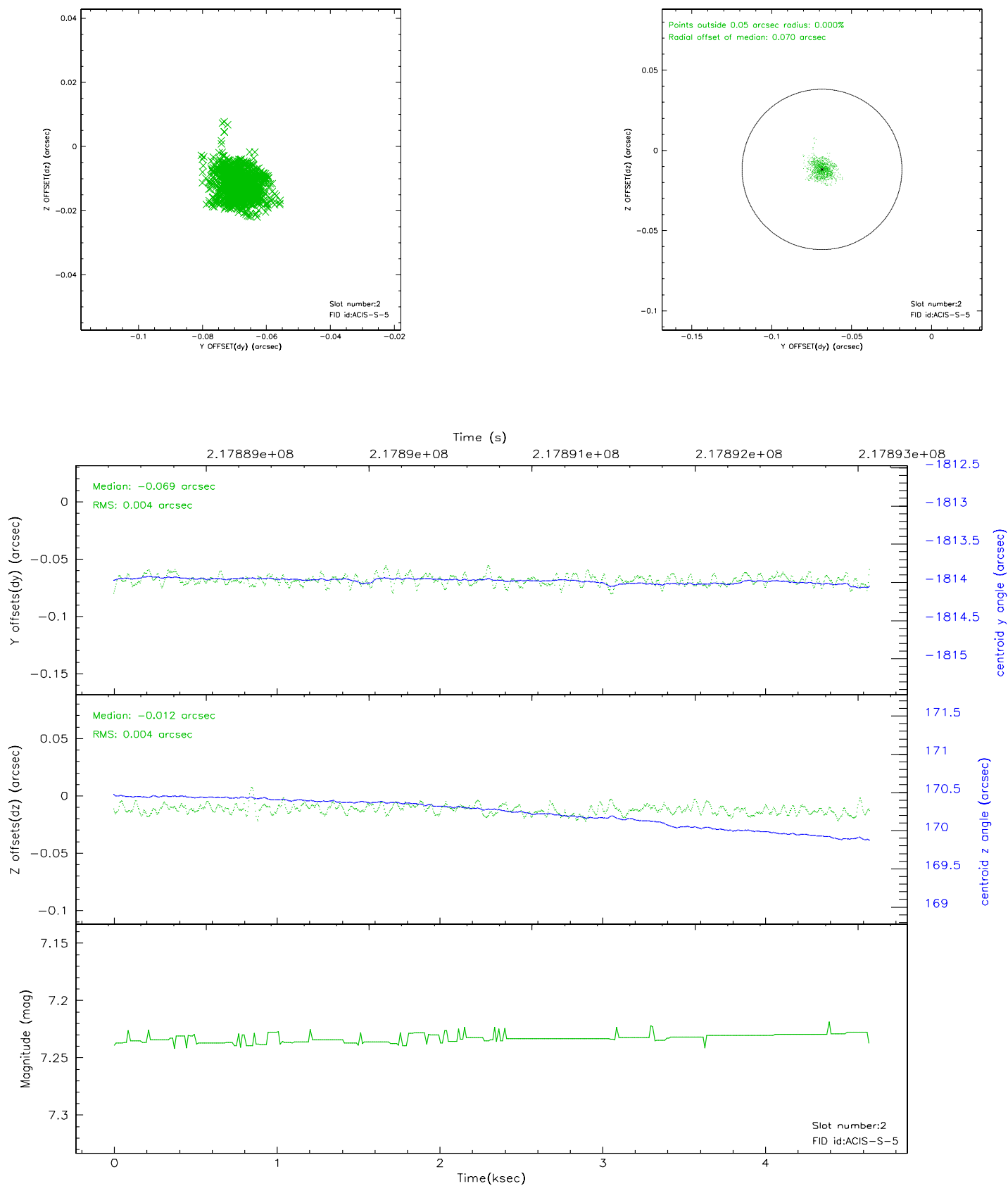
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

A Summary

A.1 Status

V&V Scientist	Doug Morgan
V&V Date (YYYY-MM-DD)	2006.04.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.646

A.2 Comments