

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4921 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : May 17 2006

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1 Front

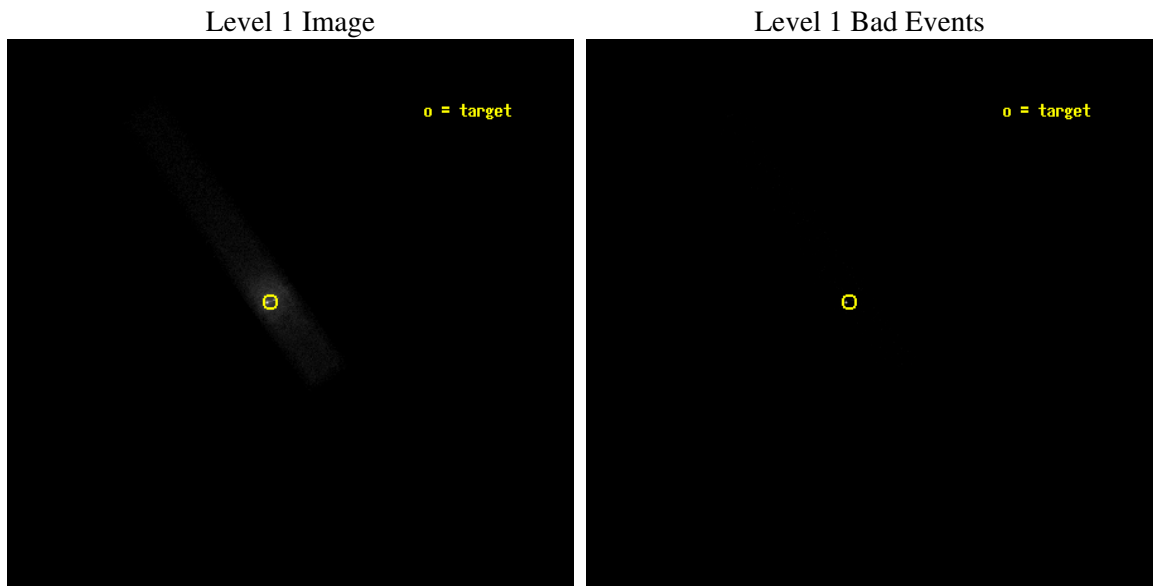
seq_num	701002
obs_id	4921
title	HST/Chandra Monitoring of a Dramatic Flare in the M87 Jet
observer	Dr. John Biretta
object	M87
dtcycle	0
cycle	P
ra_targ	187.704167
dec_targ	12.391667
ra_nom	187.69546745466
dec_nom	12.382664973531
roll_nom	234.60170478507
revision	2
ontime	5789.6000862718
livetime	5250.8616780988
ontime7	5789.6000862718
l2events	69279



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.2
date	2006-05-18T02:14:05
revision	2

sched_exp_time	4968.251000
ontime	5827.3993467987
ontime7	5827.3993467987
l1events	81287

2.1.4 Events

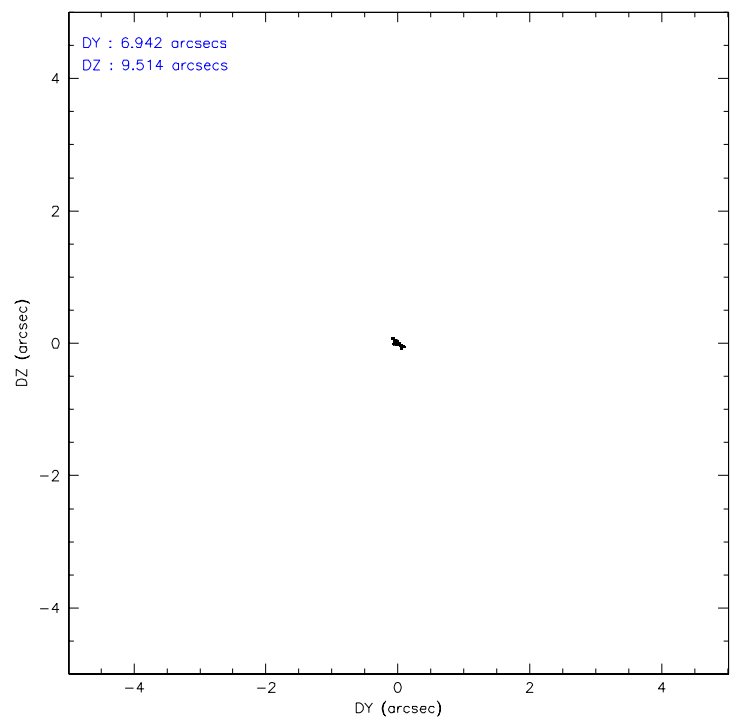
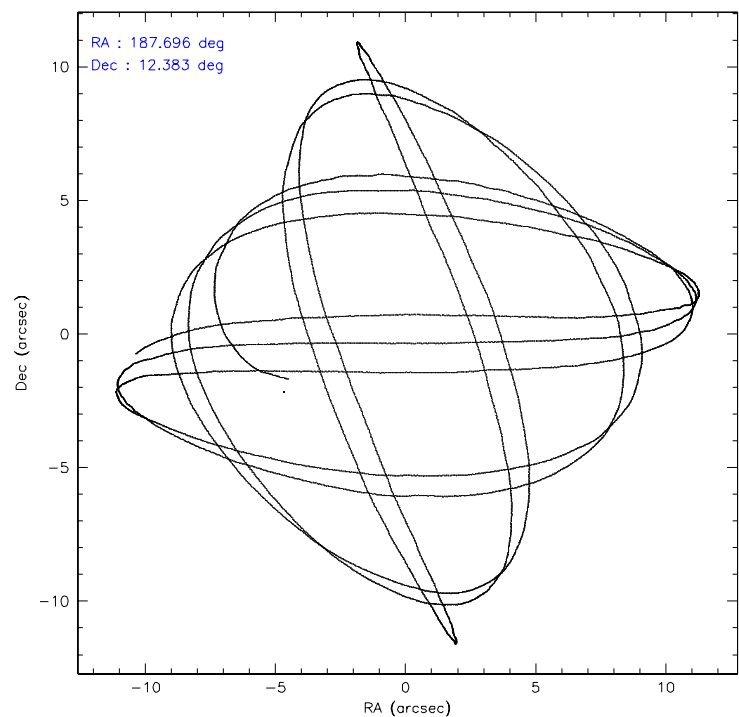
	ccd 7
level 1 events	81287
rejected events	11329
rejected %	13%

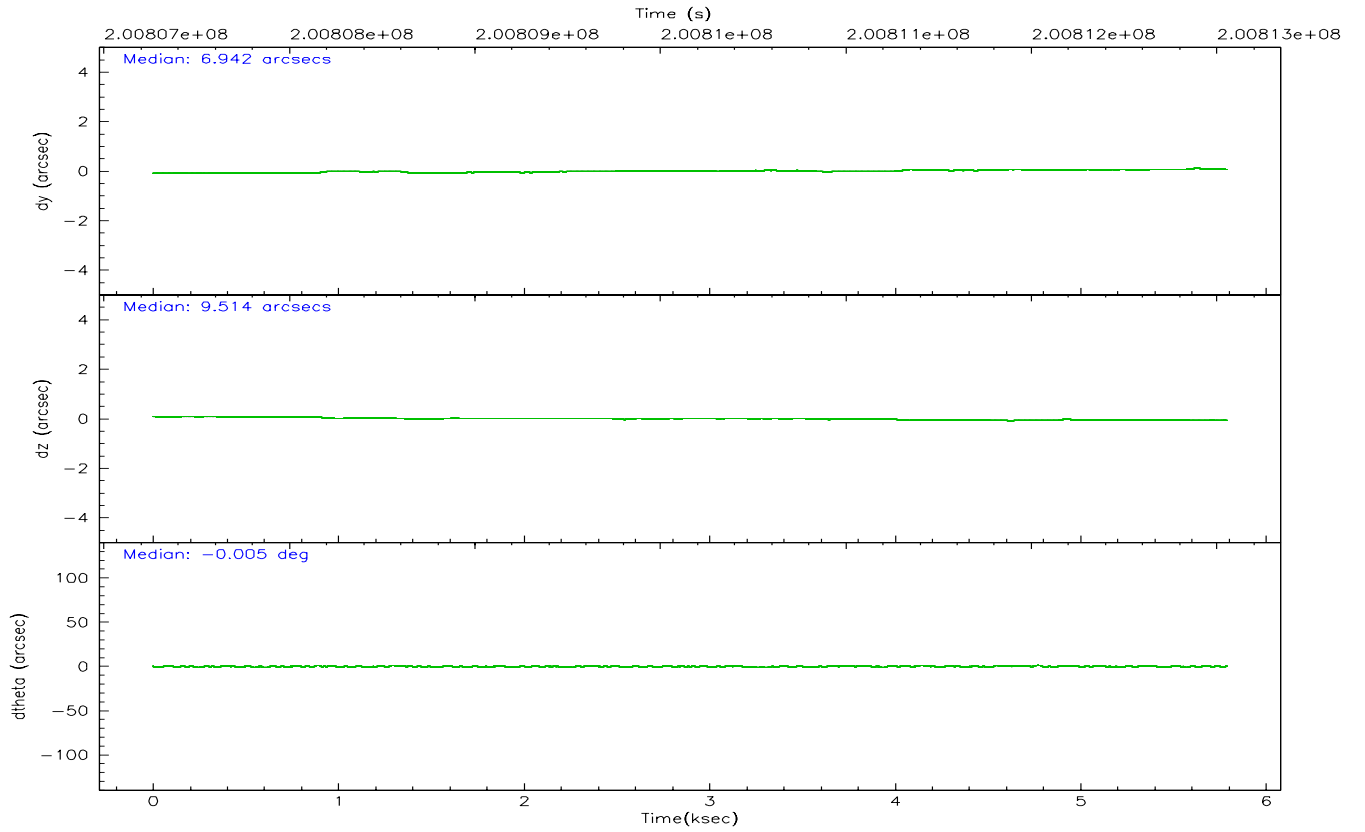
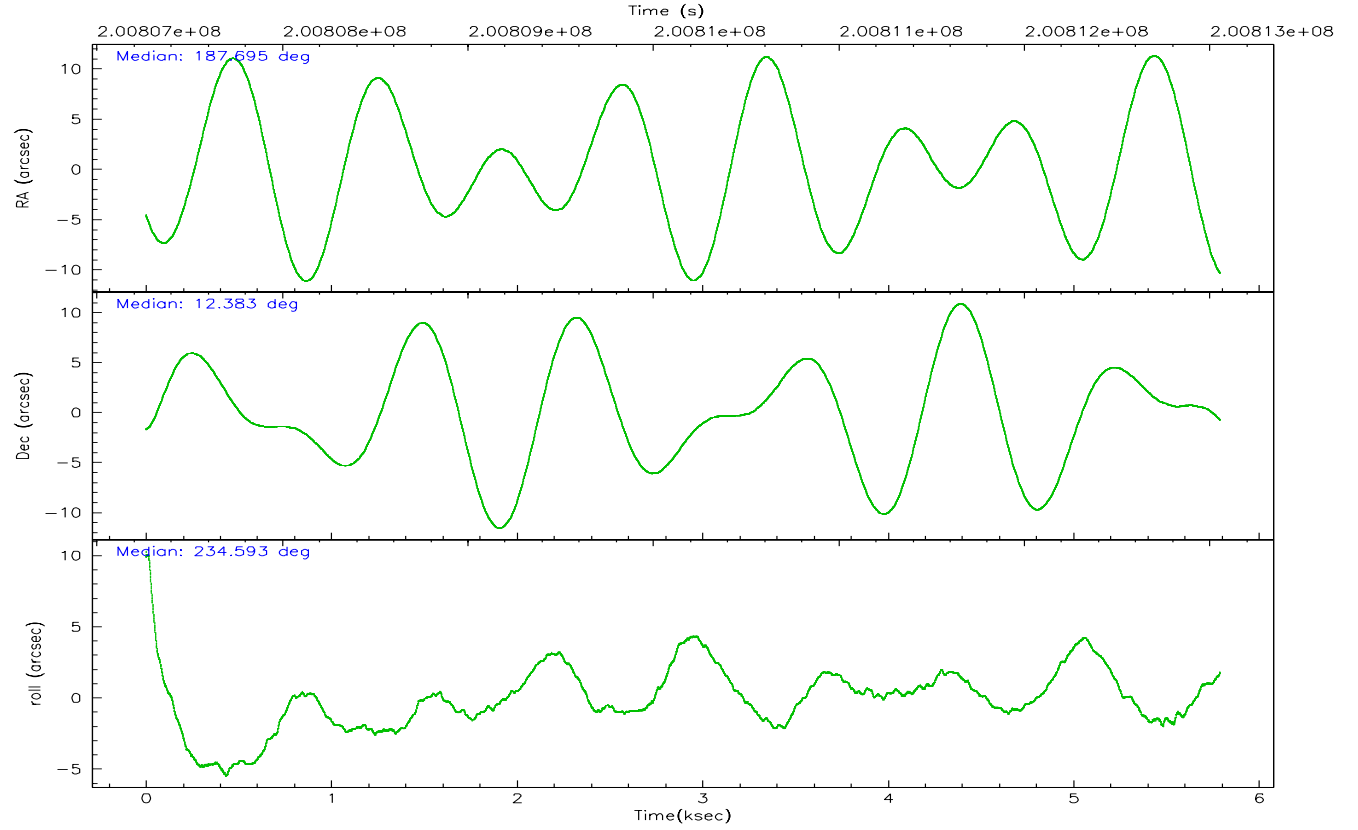
	ccd 7
grade 0 events	19963
	24%
grade 1 events	472
	0%
grade 2 events	18244
	22%
grade 3 events	7669
	9%
grade 4 events	7484
	9%
grade 5 events	2657
	3%
grade 6 events	17110
	21%
grade 7 events	7688
	9%

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	187.697670	187.6954674546572	Subarray start row	0	449
Pointing Dec	12.409725	12.38266497353102	Subarray row count	1024	128
Pointing Roll	234.444581	234.6017047850749	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	-190.145094680475			
SIM translation stage offset (mm)	0	0.01257209746719923			
Observation start time	200808084.184000	200806804.40231			
Observation start date	2004-05-13T04:00:20	2004-05-13T03:40:04			
Observation end time	200813053.184000	200813367.4776			
Observation end date	2004-05-13T05:23:09	2004-05-13T05:29:27			
Read mode	TIMED	TIMED			

2.3 Aspect



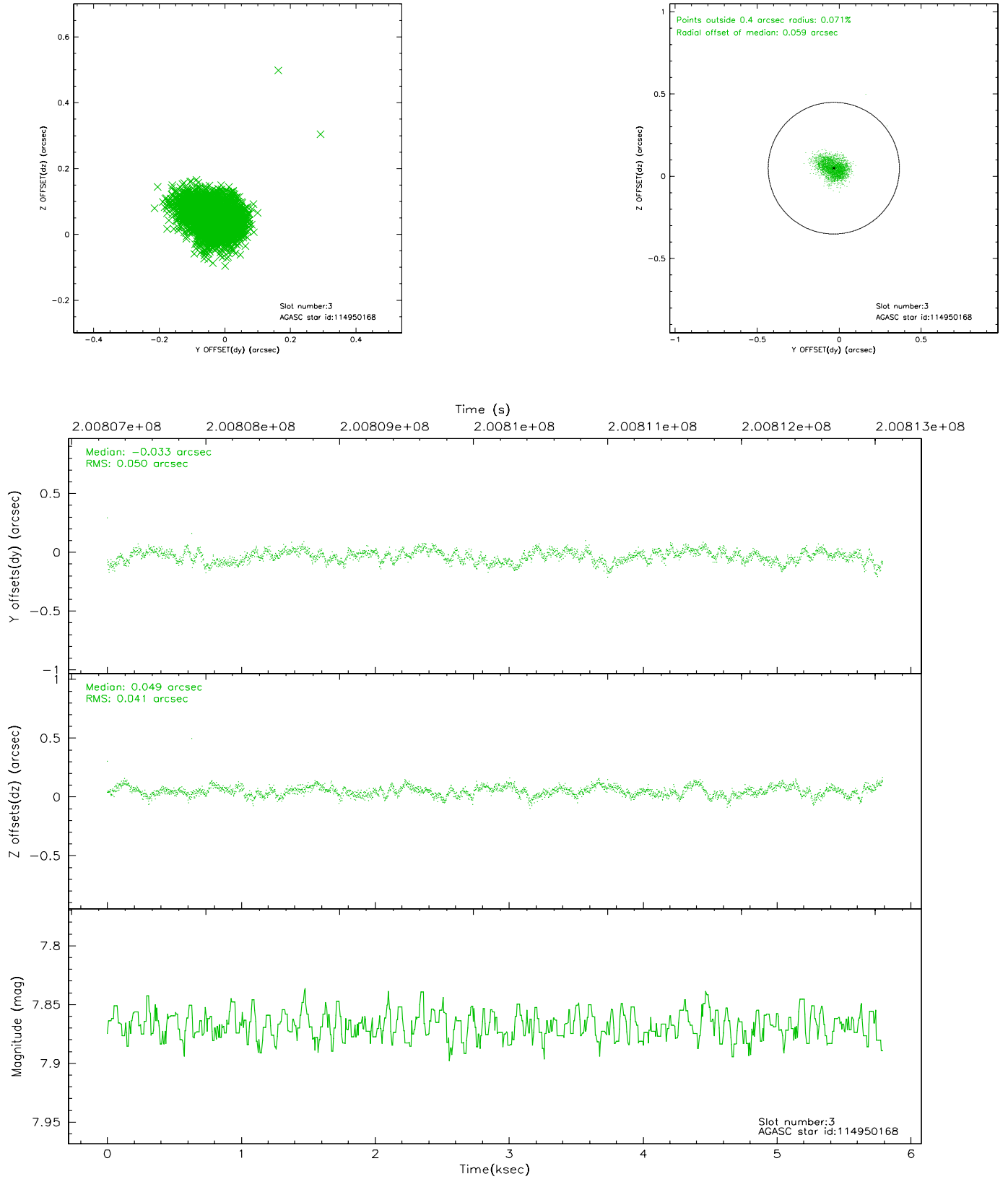


Slot Statistics

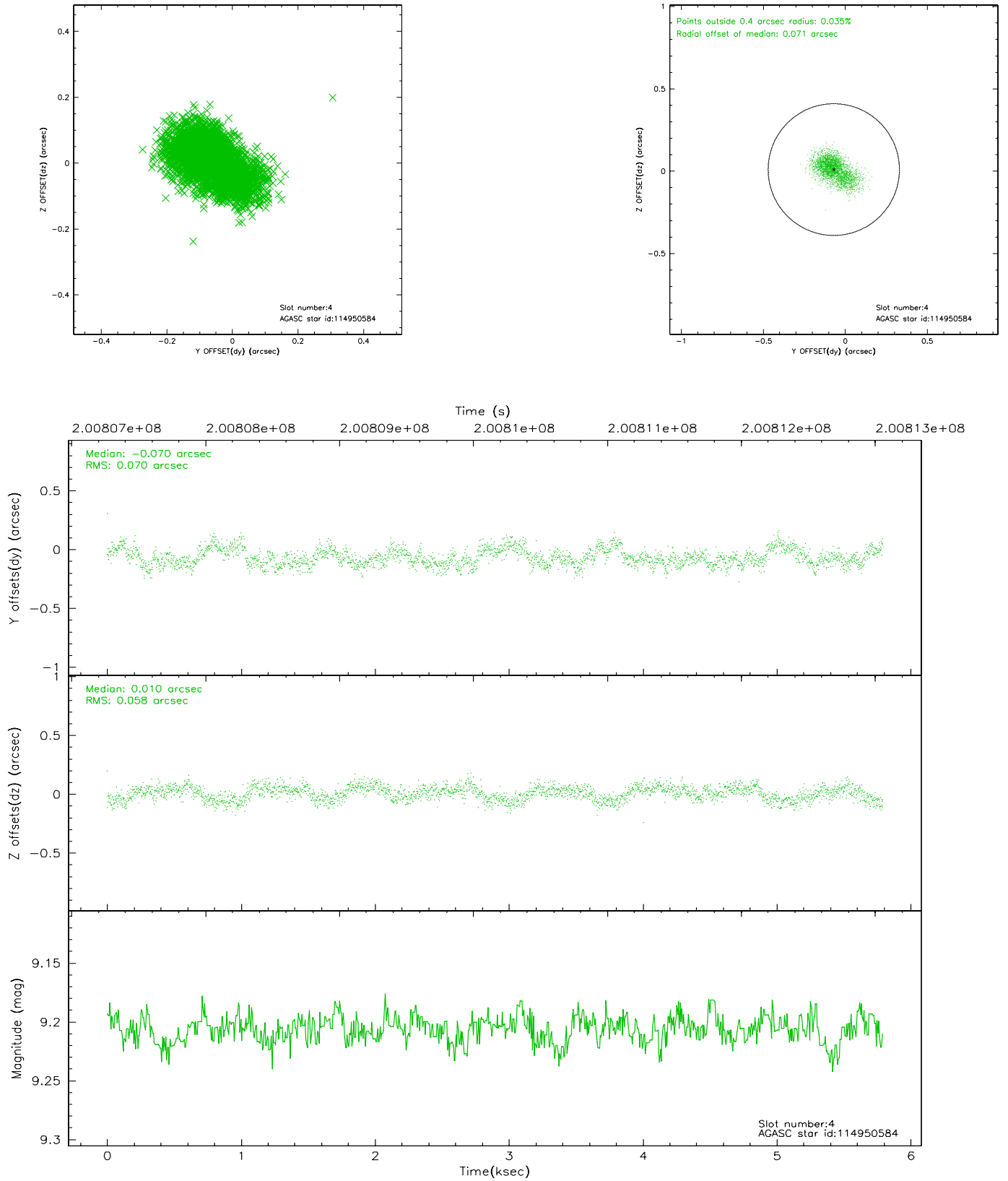
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1413	-0.029	-0.002	0.006	0.010	0.000000	0.000000	-759.70	-1730.65
1	FID	ACIS-S-4	7.20	1413	0.027	0.015	0.005	0.009	0.000000	0.000000	2153.15	176.81
2	FID	ACIS-S-5	7.23	1413	-0.029	-0.004	0.006	0.011	0.000000	0.000000	-1811.24	171.60
3	GUIDE	114950168	7.87	2824	-0.033	0.049	0.069	0.108	187.143398	12.117441	1989.65	-976.07
4	GUIDE	114950584	9.21	2824	-0.070	0.010	0.096	0.159	187.487323	11.827248	2138.00	616.13
5	GUIDE	114952824	8.58	2825	0.005	0.086	0.071	0.118	187.703904	12.486727	-236.75	-143.16
6	GUIDE	114954440	9.19	2825	0.058	-0.058	0.113	0.175	186.915066	12.219118	2156.91	-1842.89
7	GUIDE	114955056	8.31	2824	0.040	-0.083	0.064	0.103	187.914001	12.127854	383.82	1208.65

2.4 Star Slots

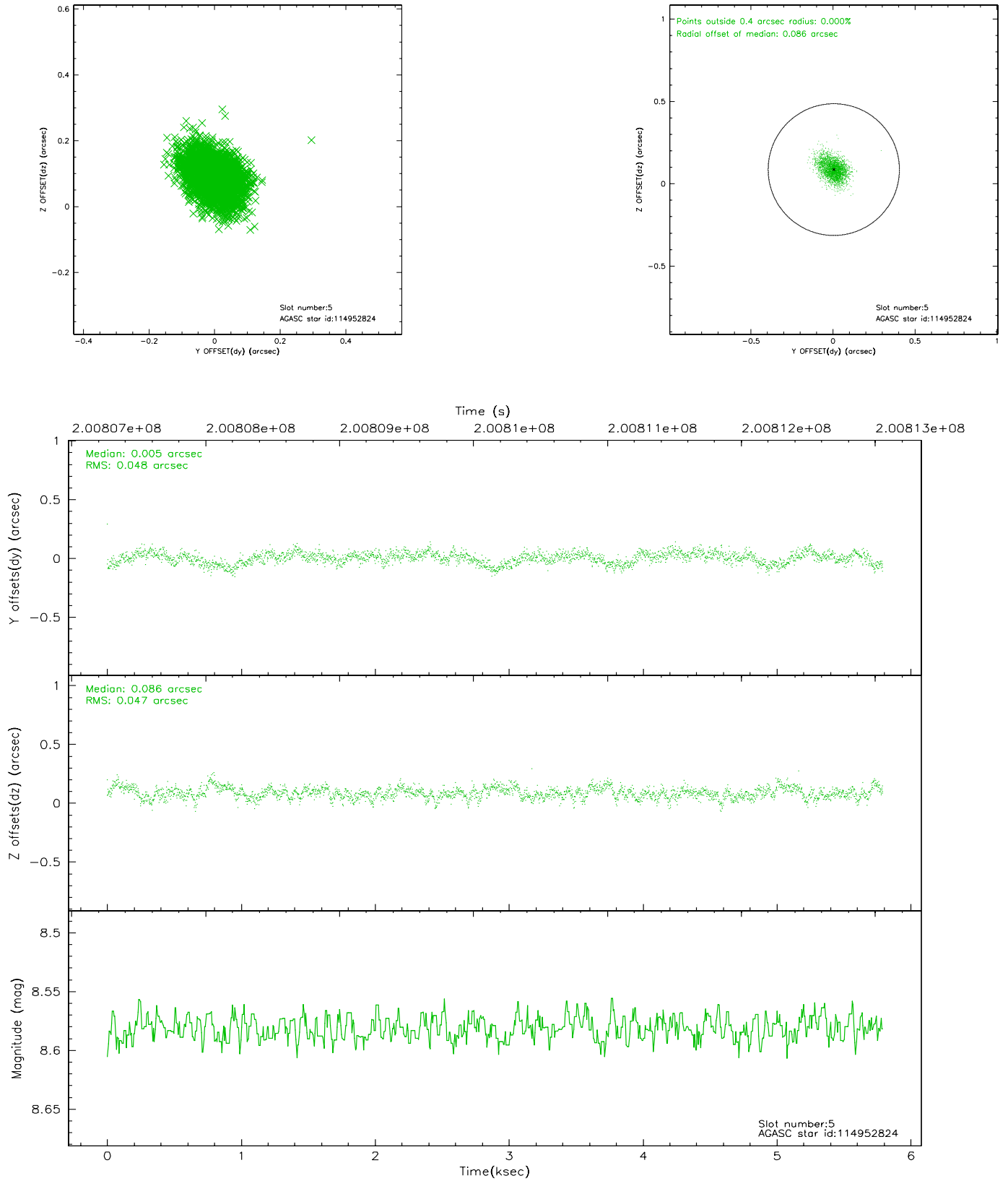
2.4.1 Slot 3



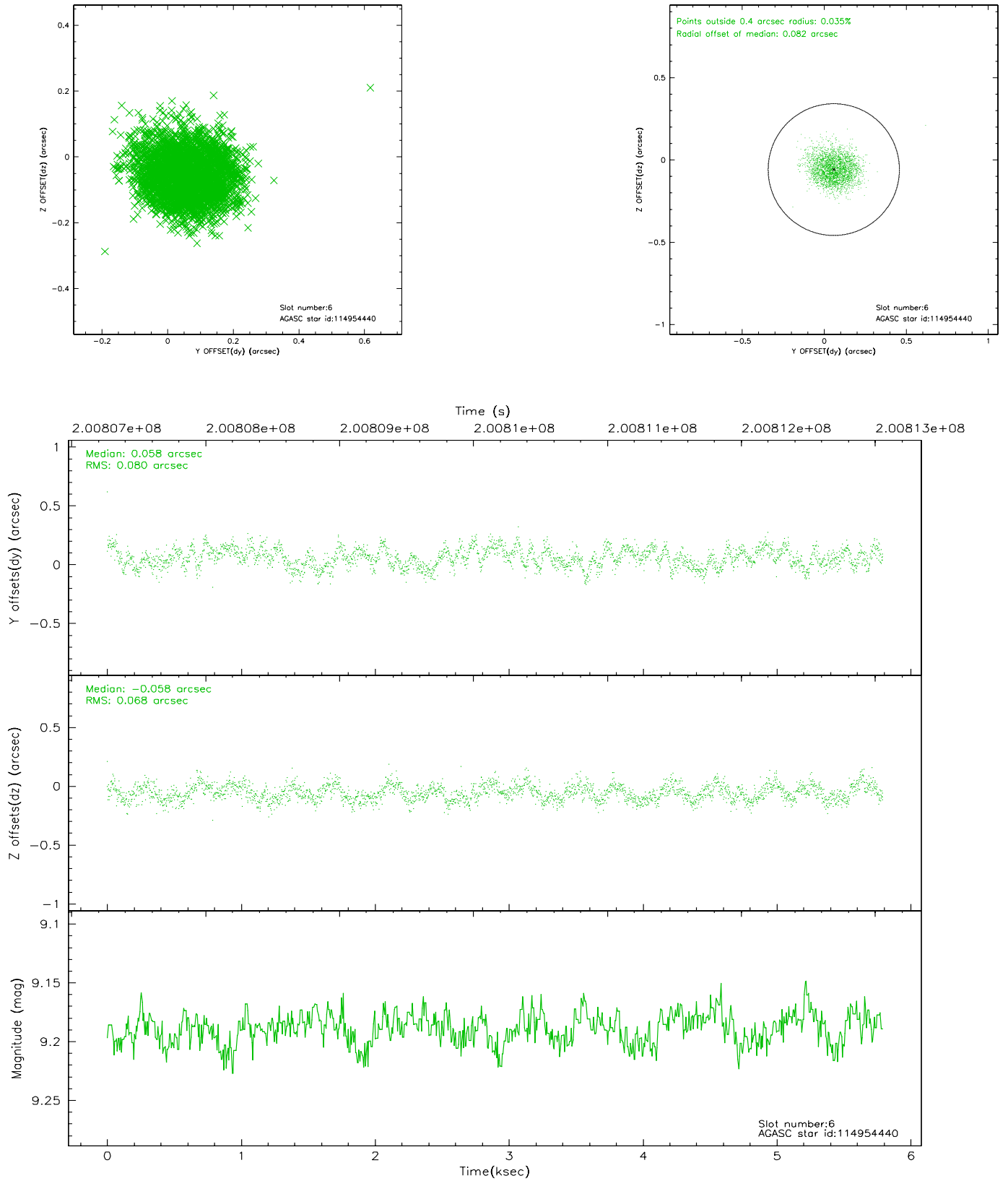
2.4.2 Slot 4



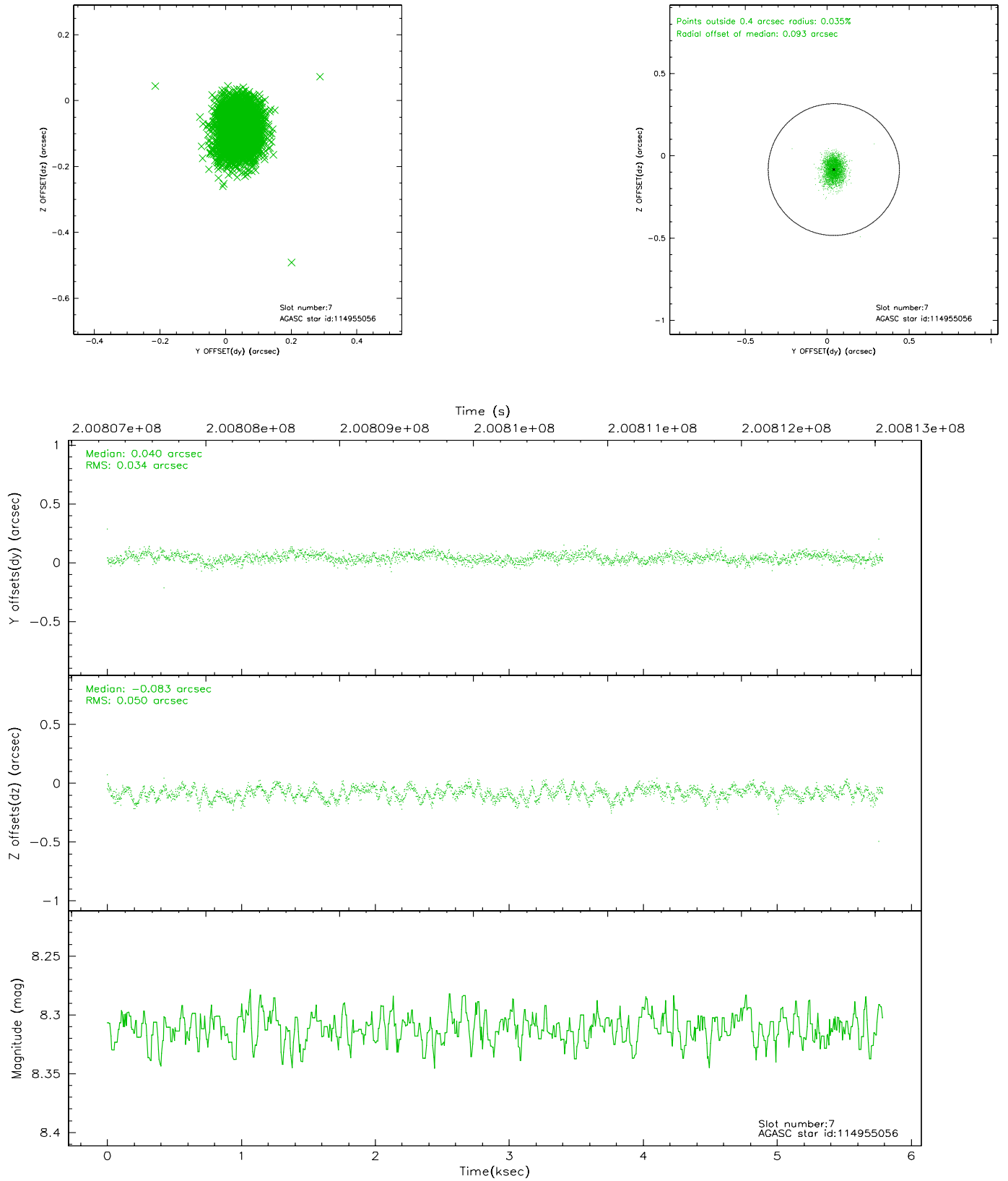
2.4.3 Slot 5



2.4.4 Slot 6

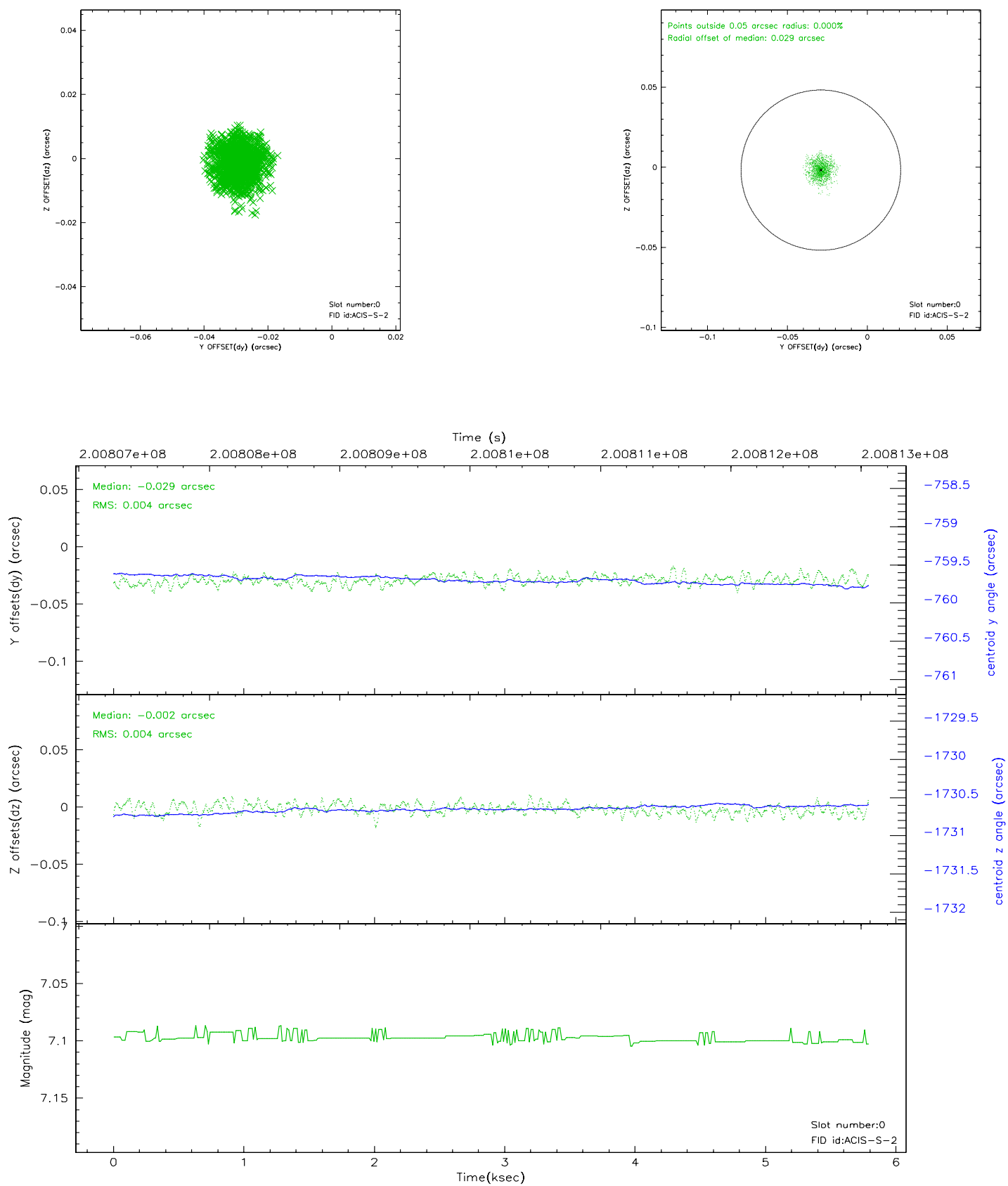


2.4.5 Slot 7

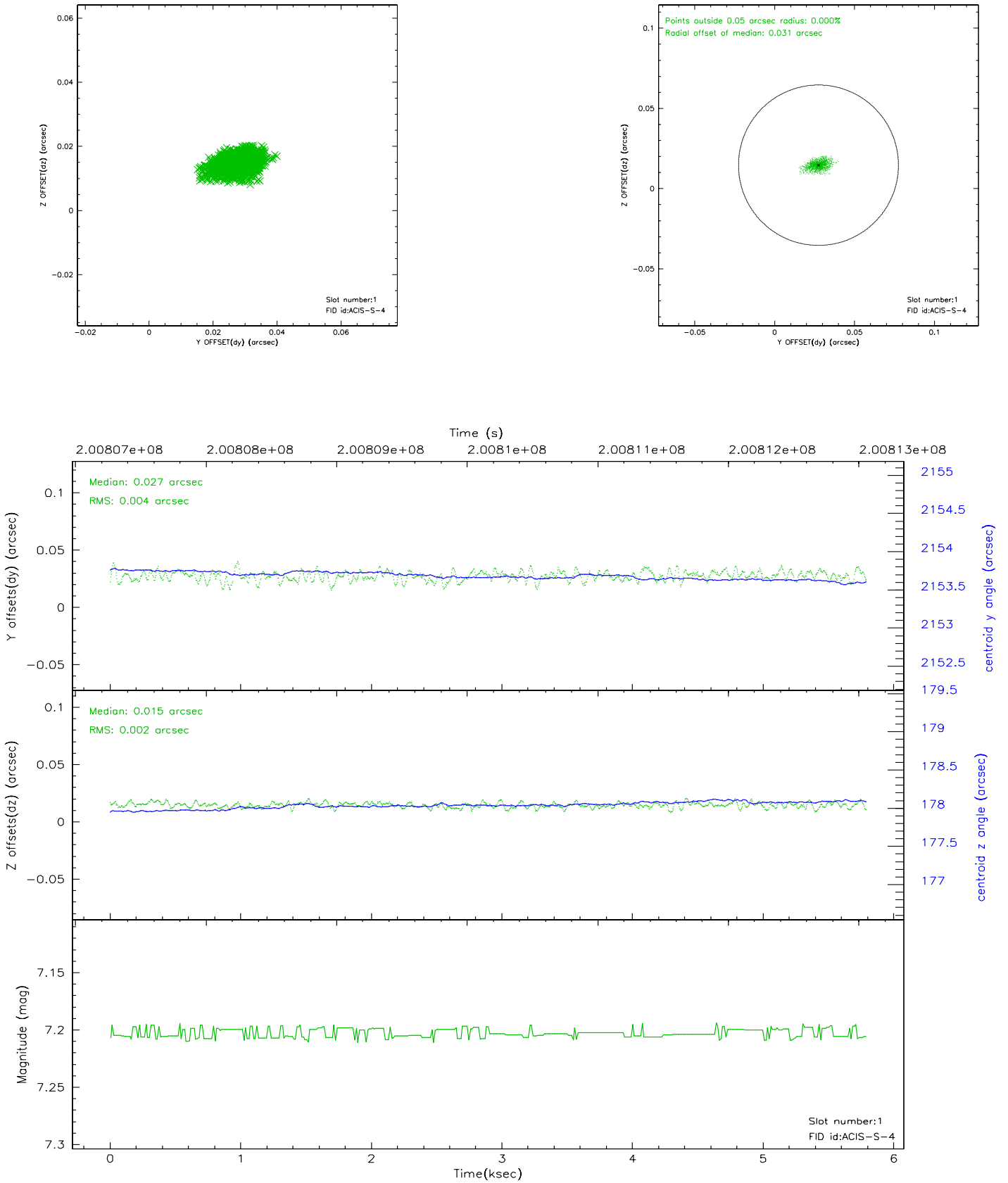


2.5 FID Slots

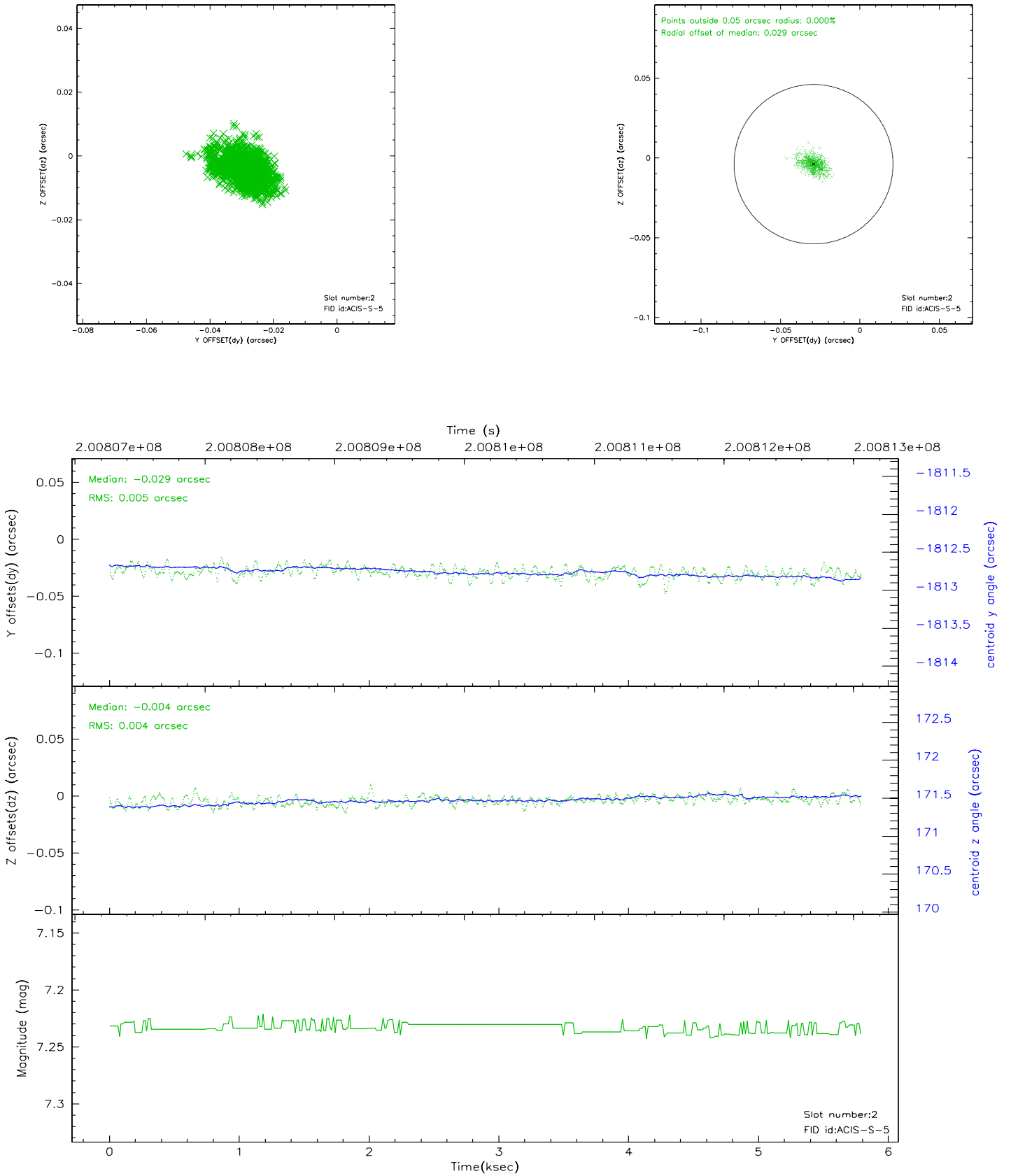
2.5.1 Slot 0



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)	2006.05.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.789

A.2 Comments

Monitor constraint met.