

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1621 - L2 Version 001
Chandra X-Ray Center

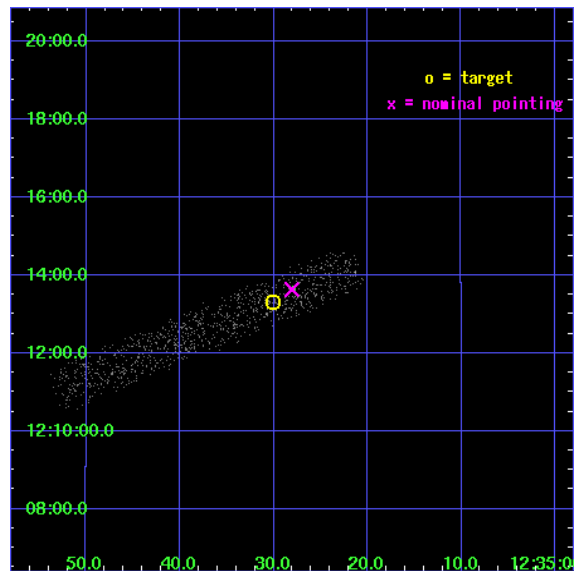
L2 Processing Date : Nov 15 2006

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1 Front

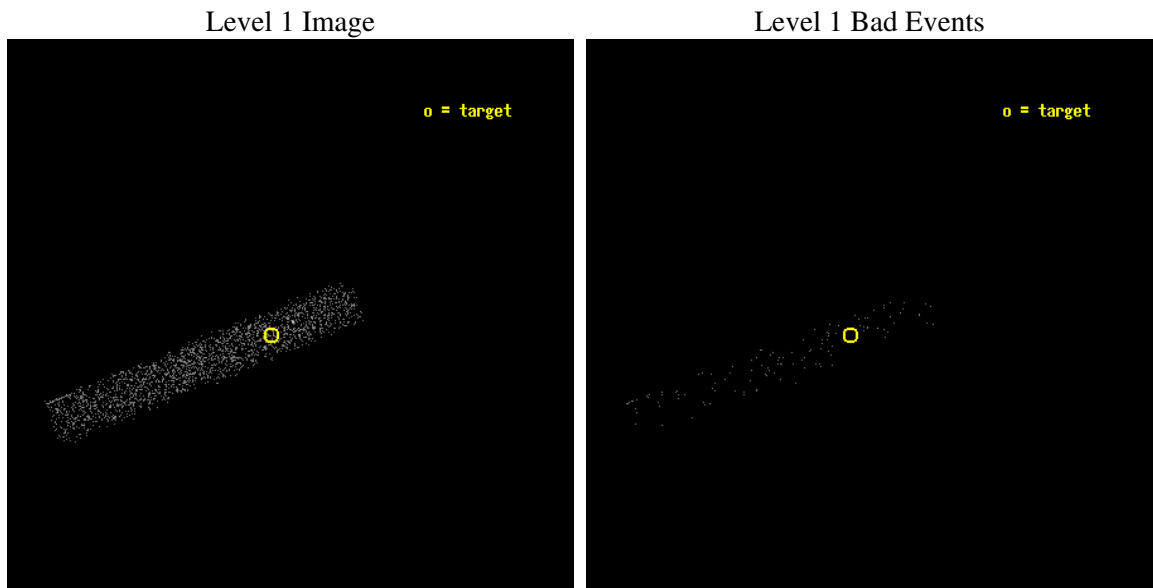
seq_num	700237
obs_id	1621
title	STUDIES OF RADIO JETS AND THE NARROW LINE REGIONS OF ACTIVE GALAXIES
observer	Prof. Andrew Wilson
object	NGC4550
dtcycle	0
cycle	P
ra_targ	188.875417
dec_targ	12.221806
ra_nom	188.86696663376
dec_nom	12.227175326497
roll_nom	157.65450090089
revision	2
ontime	2078.4000309706
livetime	1884.9991211415
ontime7	2078.4000309706
l2events	1089



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	2006-11-15T21:20:49
revision	2

sched_exp_time	2300.000000
ontime	2079.0383005142
ontime7	2079.0383005142
l1events	2447

2.1.4 Events

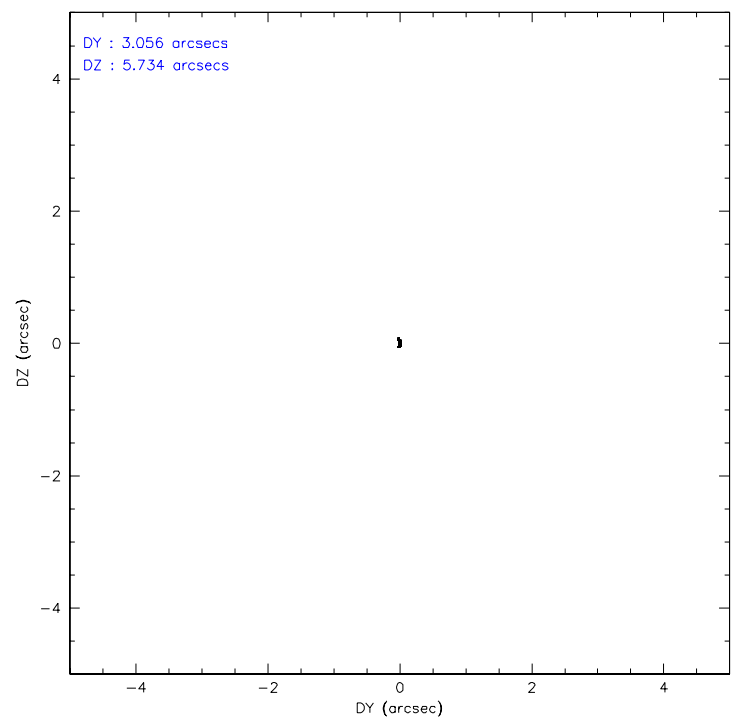
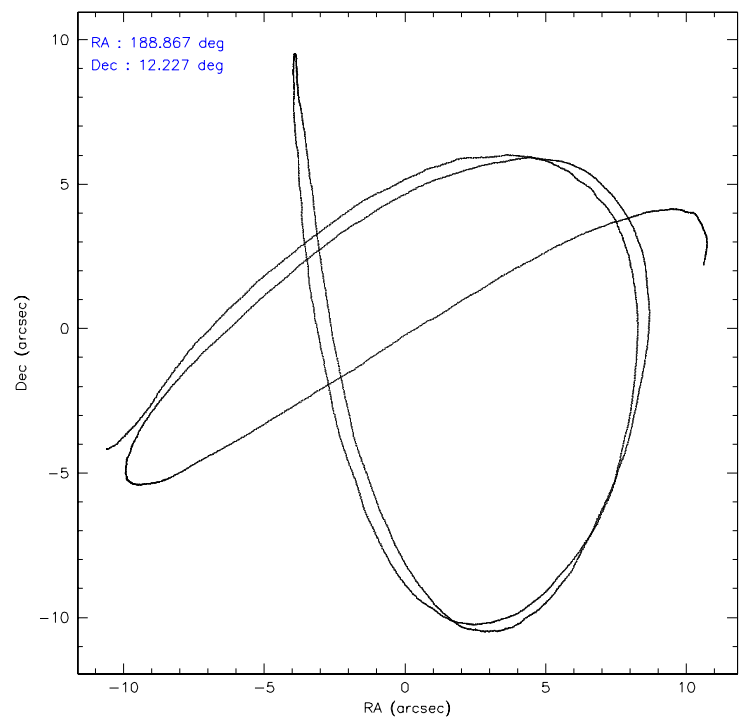
	ccd 7
level 1 events	2447
rejected events	1324
rejected %	54%

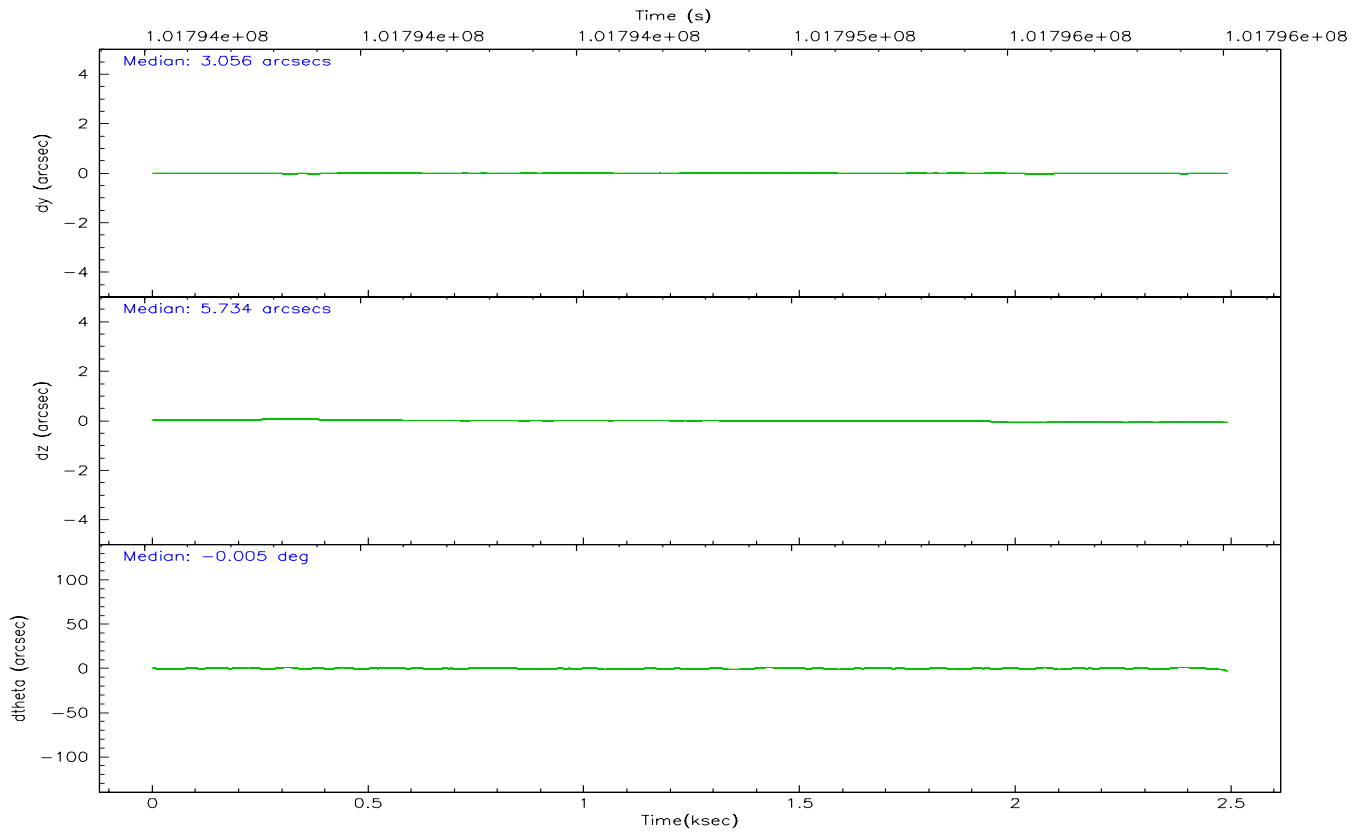
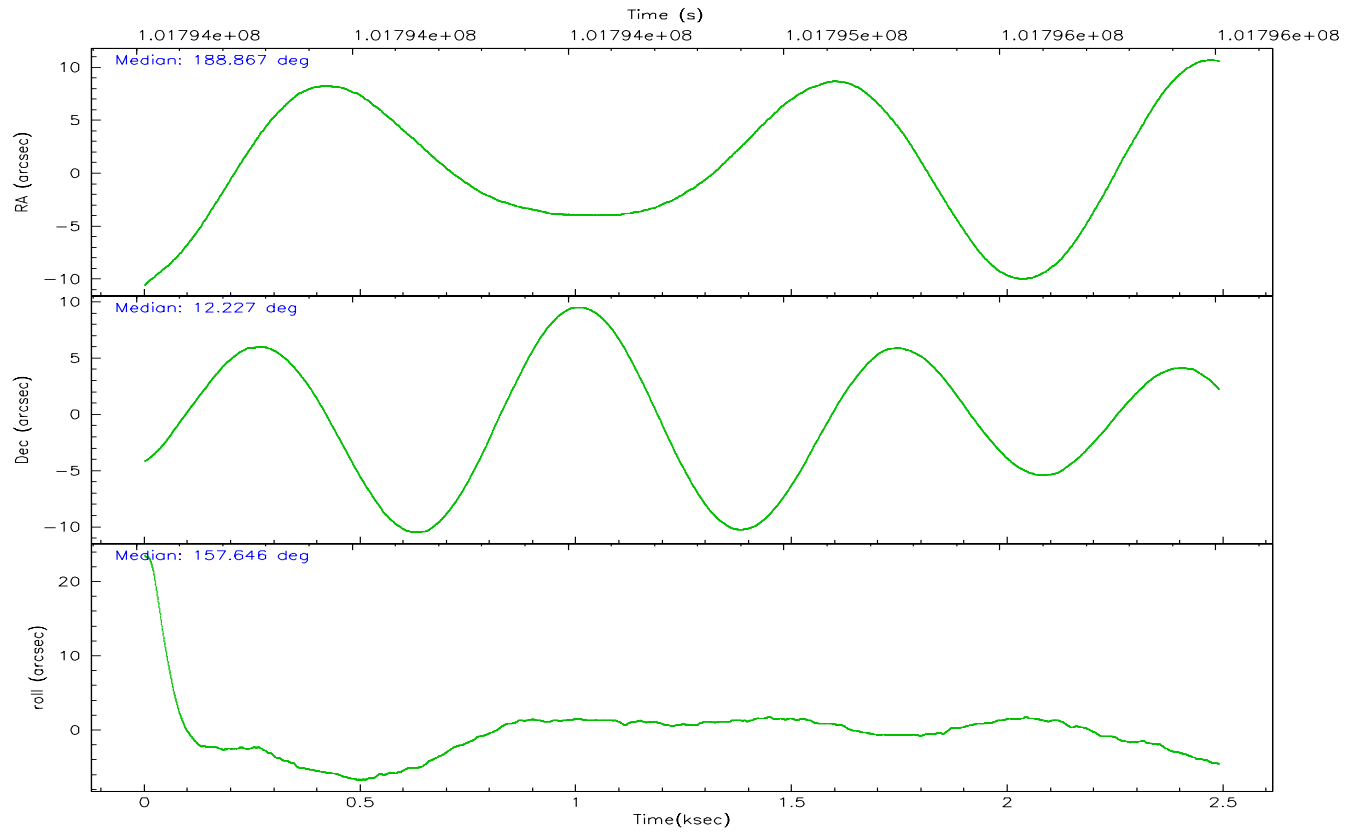
	ccd 7
grade 0 events	129
	5%
grade 1 events	2
	0%
grade 2 events	271
	11%
grade 3 events	123
	5%
grade 4 events	124
	5%
grade 5 events	173
	7%
grade 6 events	476
	19%
grade 7 events	1149
	46%

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	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	188.894630	188.8669666337644	Subarray requested	CUSTOM	1/8
Pointing Dec	12.230978	12.22717532649691	Subarray start row	447	447
Pointing Roll	157.491969	157.6545009008925	Subarray row count	128	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	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	101793711.184000	101793252.72478			
Observation start date	2001-03-24T04:00:47	2001-03-24T03:54:12			
Observation end time	101796011.184000	101796383.5874			
Observation end date	2001-03-24T04:39:07	2001-03-24T04:46:23			
Read mode	TIMED	TIMED			

2.3 Aspect



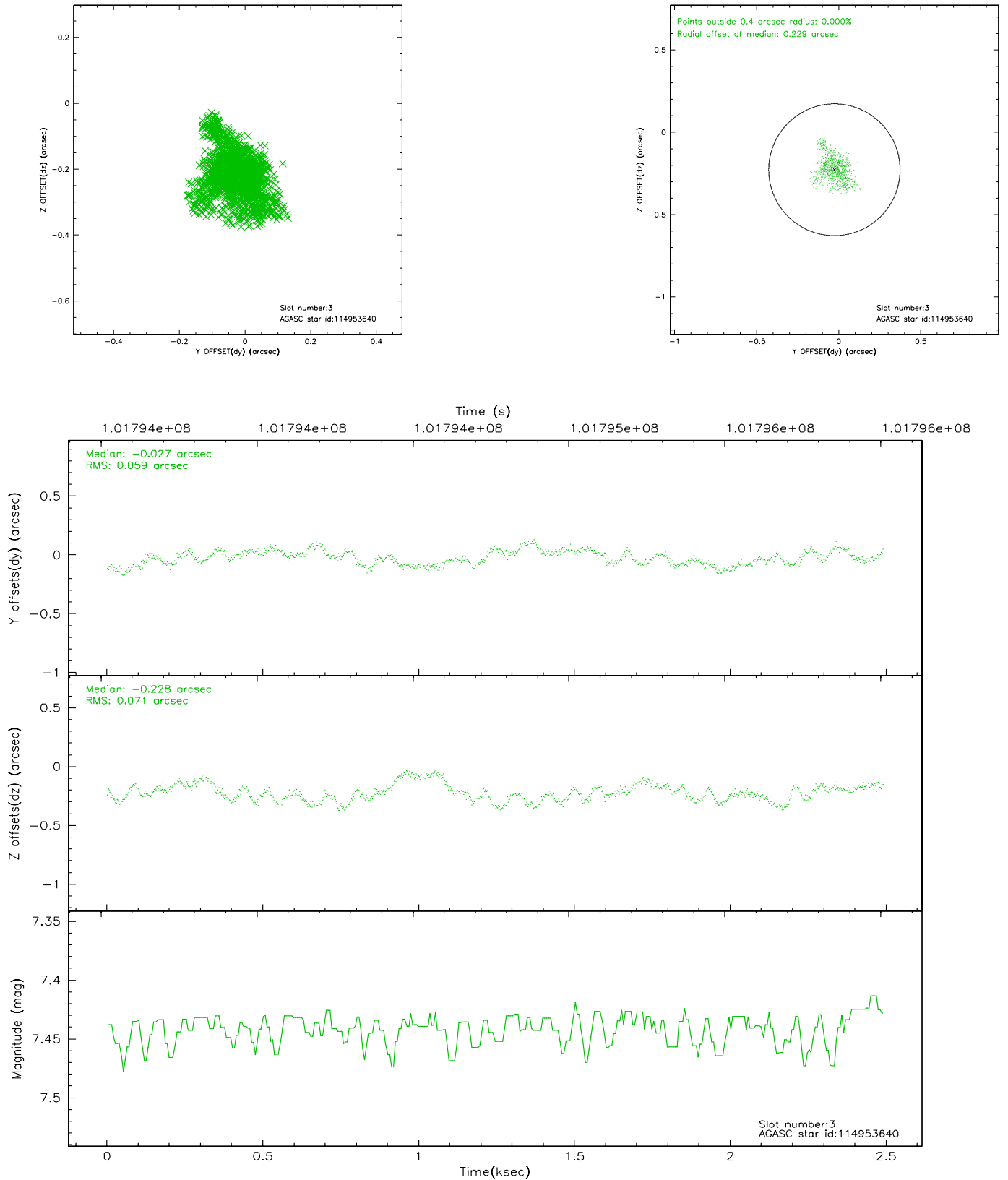


Slot Statistics

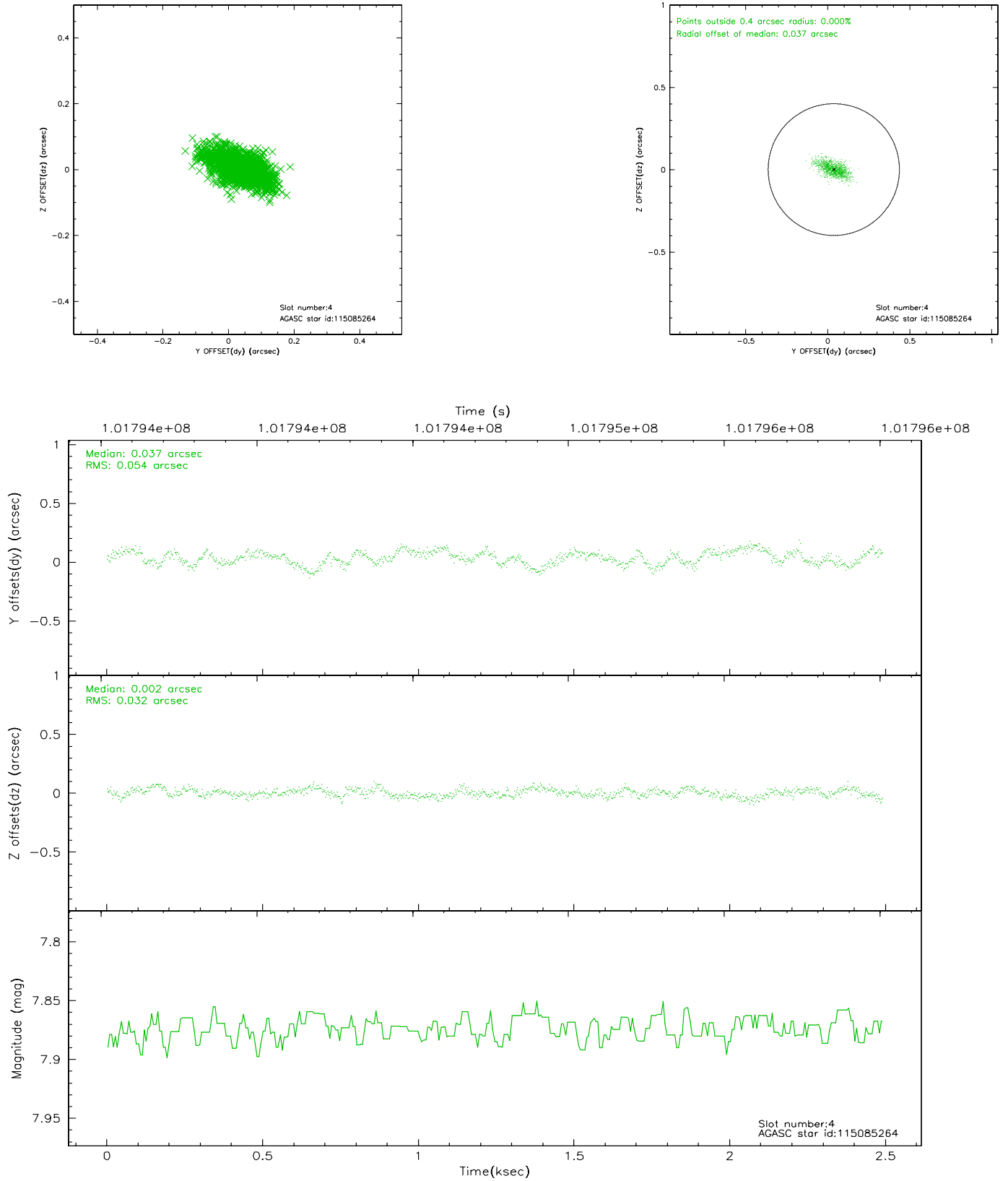
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	608	-0.015	0.034	0.006	0.012	0.000000	0.000000	-755.67	-1726.85
1	FID	ACIS-S-4	7.20	608	-0.078	-0.002	0.005	0.008	0.000000	0.000000	2156.33	178.99
2	FID	ACIS-S-5	7.24	608	0.062	-0.023	0.006	0.011	0.000000	0.000000	-1805.13	175.50
3	GUIDE	114953640	7.44	1216	-0.027	-0.228	0.098	0.163	188.794711	11.547726	-616.56	2407.41
4	GUIDE	115085264	7.87	1216	0.037	0.002	0.064	0.113	189.302301	11.817775	-1896.90	825.54
5	GUIDE	115481912	8.59	1216	-0.053	0.102	0.070	0.119	189.408526	12.669552	-1063.92	-2150.06
6	GUIDE	114951128	8.91	1215	0.095	0.073	0.062	0.100	188.719863	12.459246	881.29	-525.16
7	GUIDE	115349088	9.32	1213	-0.050	0.041	0.094	0.149	188.777694	12.938966	1355.73	-2197.32

2.4 Star Slots

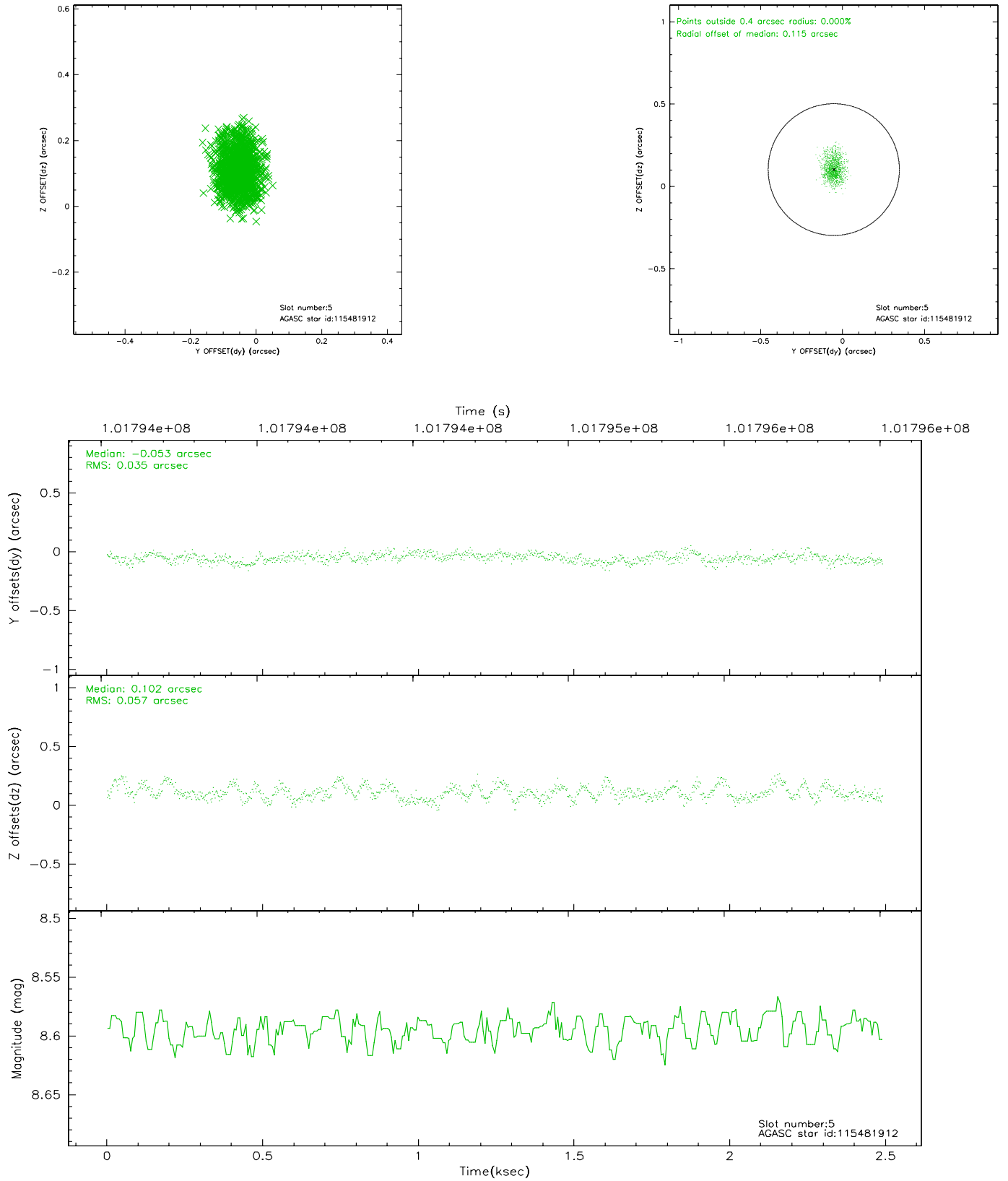
2.4.1 Slot 3



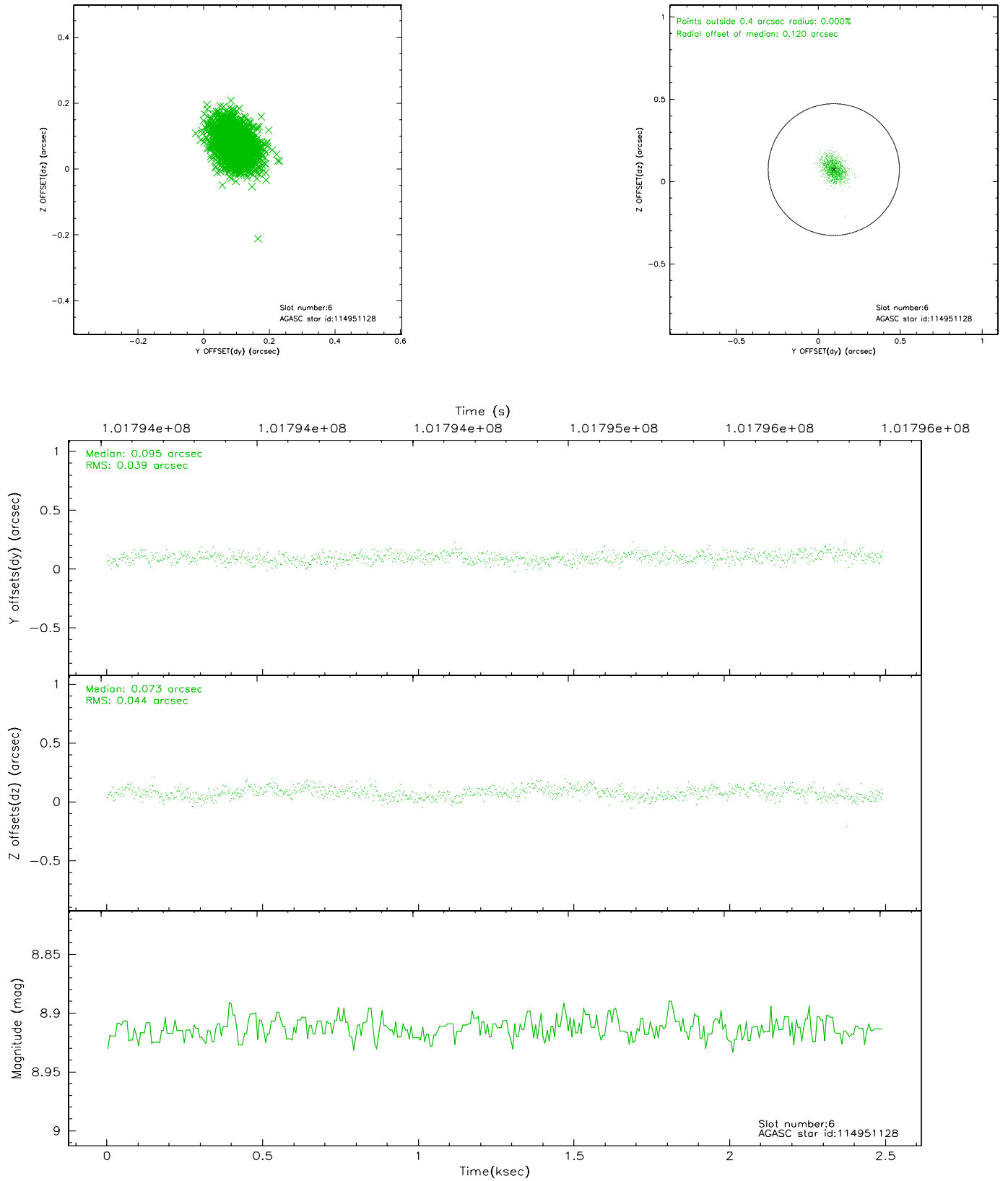
2.4.2 Slot 4



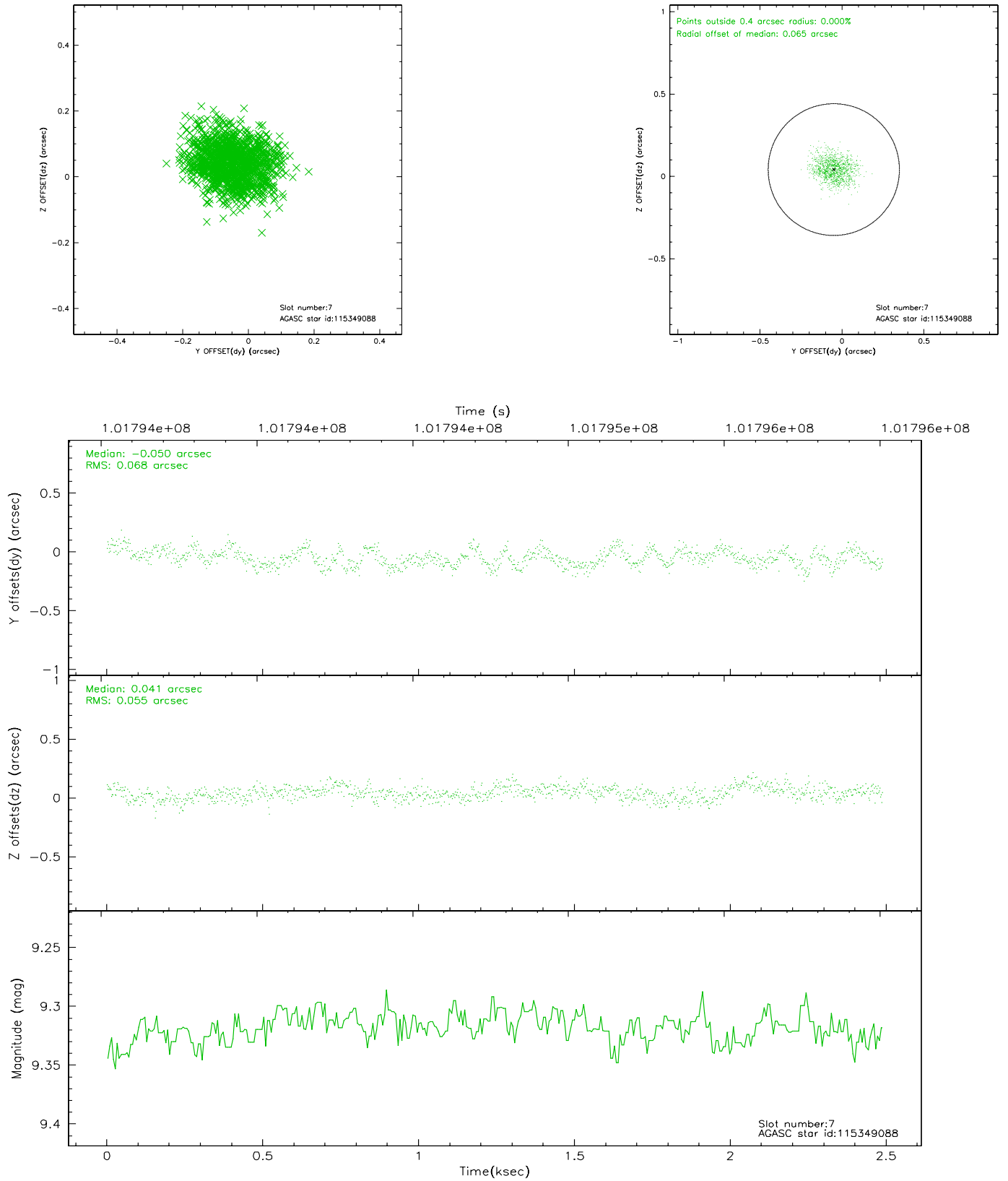
2.4.3 Slot 5



2.4.4 Slot 6

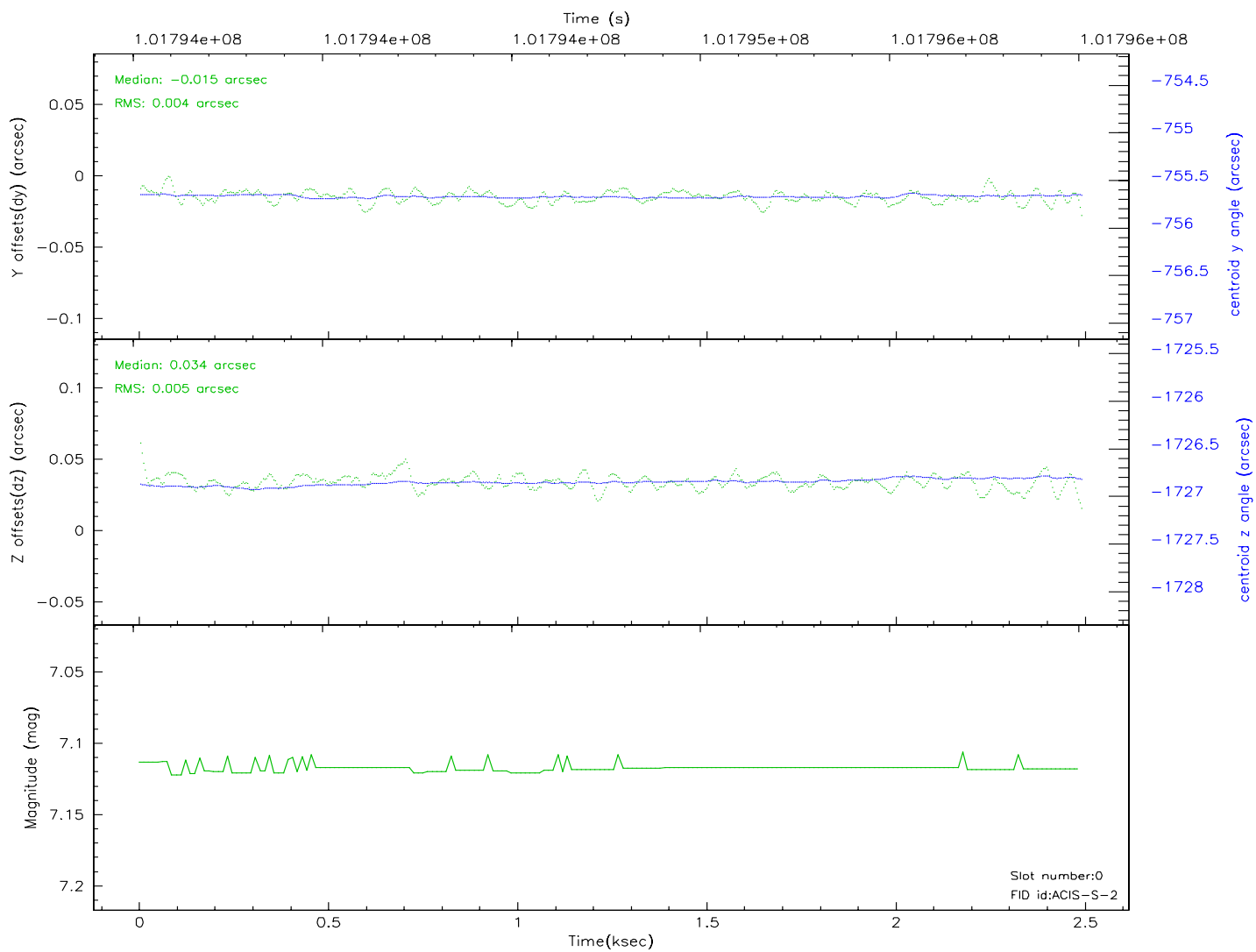
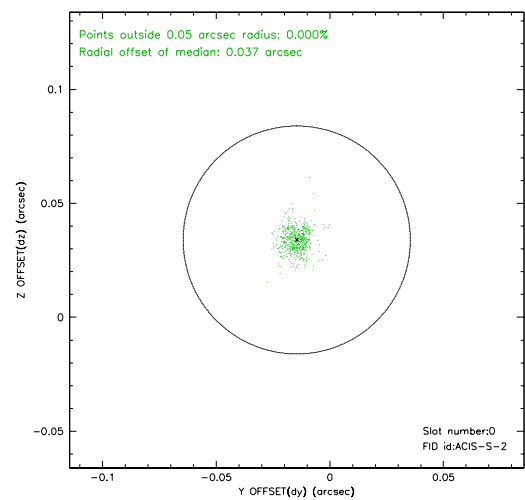
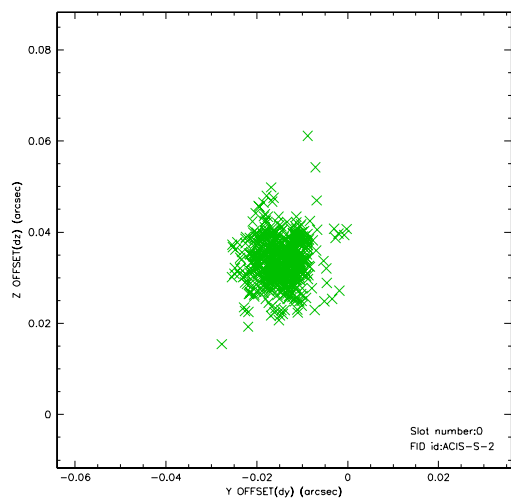


2.4.5 Slot 7

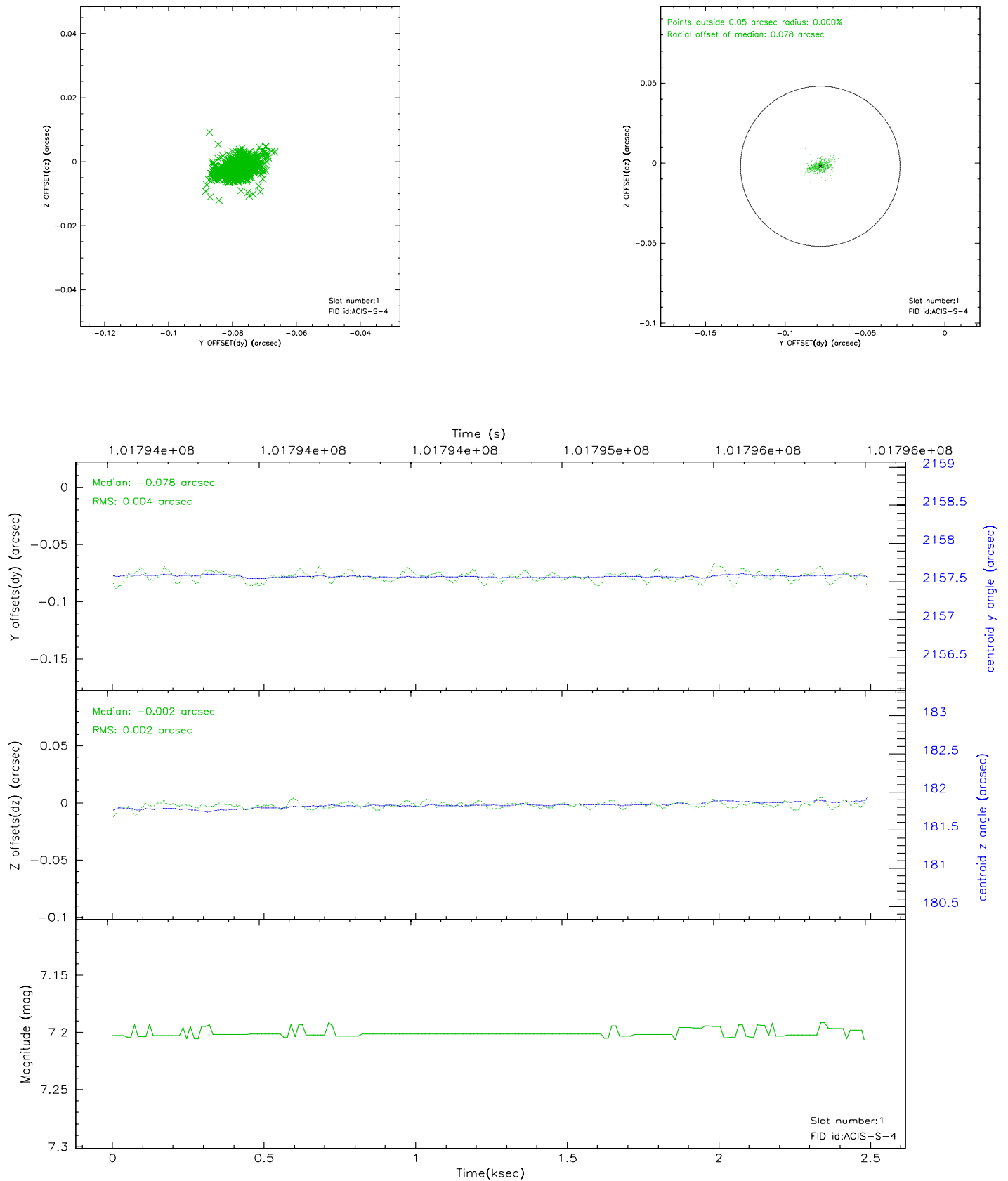


2.5 FID Slots

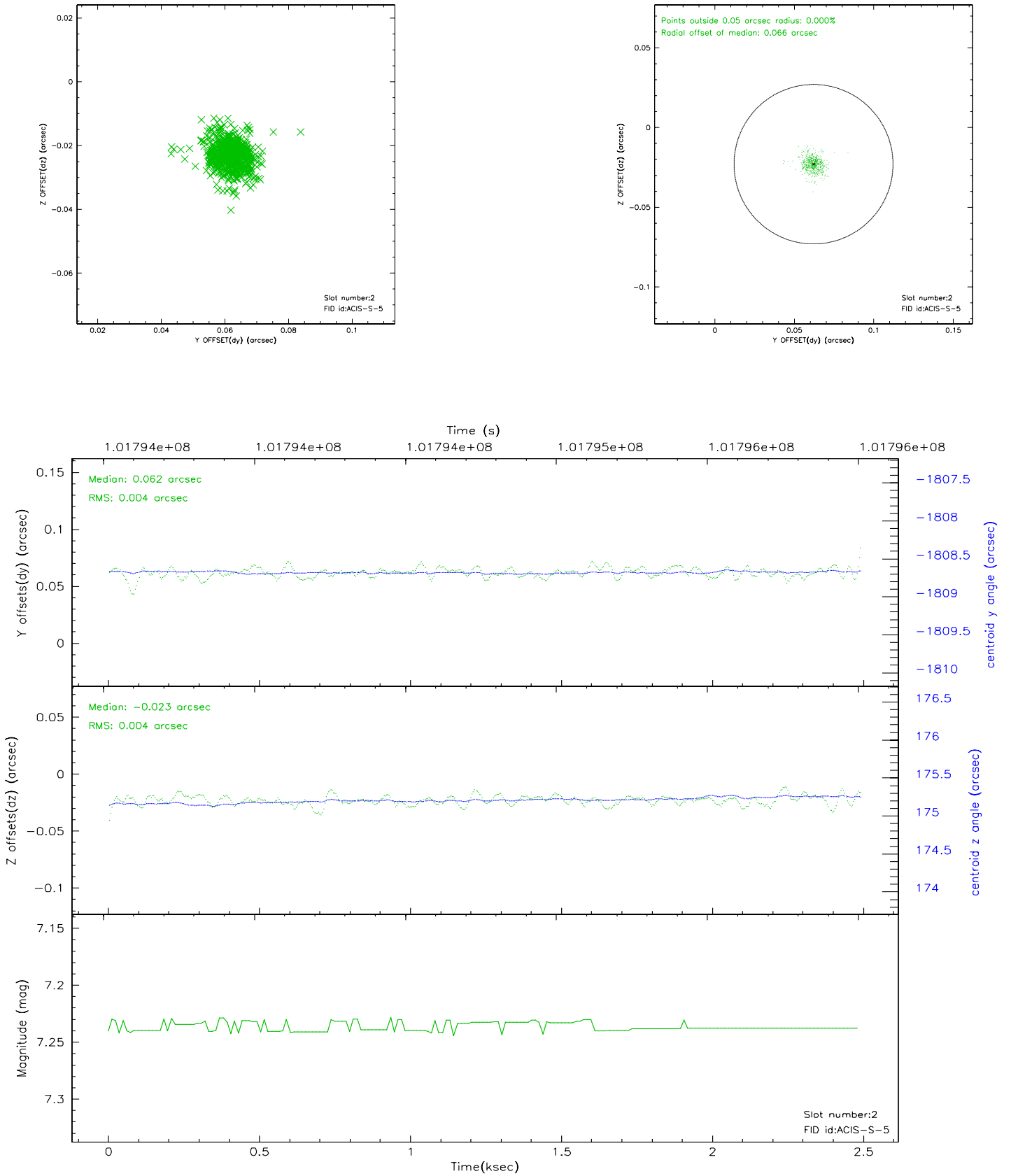
2.5.1 Slot 0



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)	2006.11.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1

A.2 Comments

NGC 4550 was not detected. QSO 1232+125 was detected at 12 35 27.74 +12 13 38.6