

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2137 - L2 Version 001
Chandra X-Ray Center

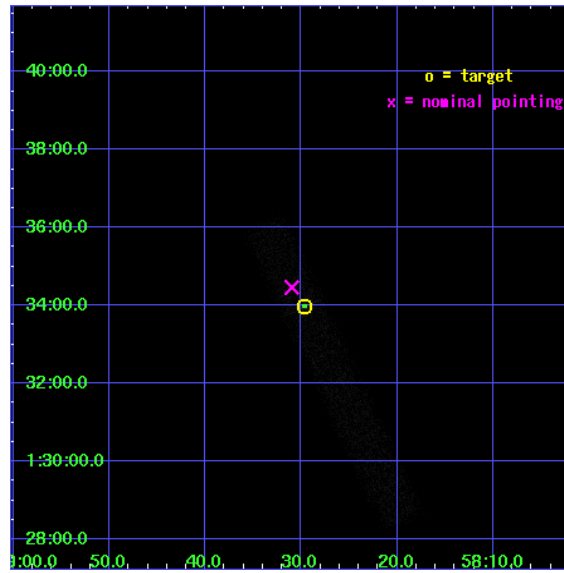
L2 Processing Date : Nov 2 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

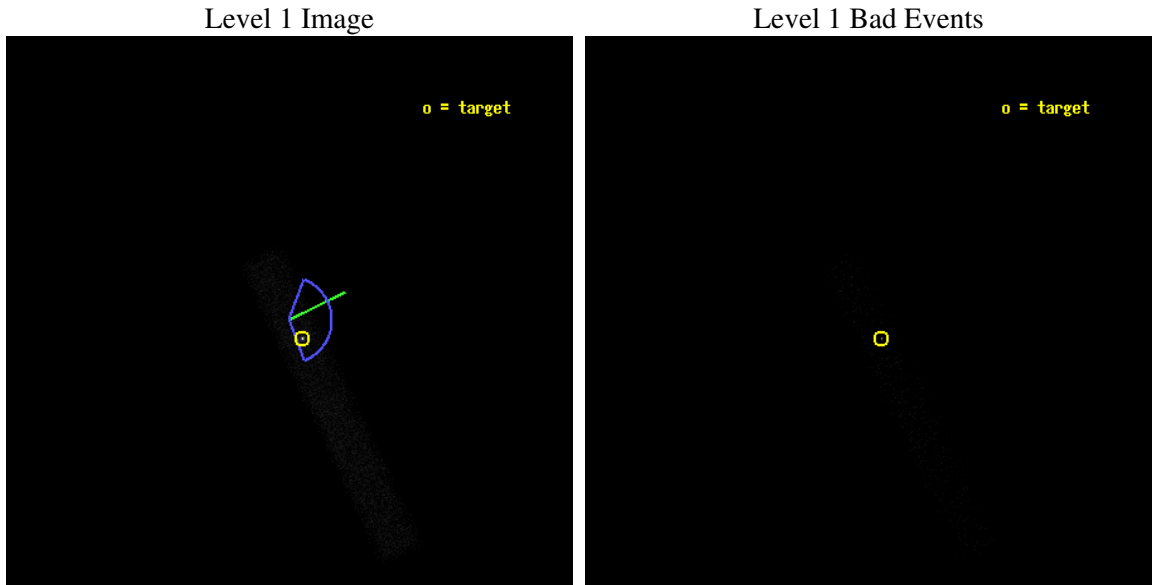
seq_num	700327
obs_id	2137
title	AN UNBIASED SURVEY OF X-RAY AND OPTICAL EMISSION FROM EXTENDED RADIO JETS IN AGN
observer	Dr. Rita Sambruna
object	1055+018
dtcycle	0
cycle	P
ra_targ	164.623333
dec_targ	1.566389
ra_nom	164.62913505812
dec_nom	1.574384371813
roll_nom	64.389515886929
revision	2
ontime	10270.000153035
livetime	9314.3480437466
ontime7	10270.000153035
l2events	13907



2 OBI

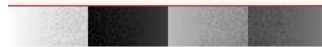
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-11-02T15:33:09
revision	2

sched_exp_time	9800.000000
ontime	10647.894588023
ontime7	10647.894588023
l1events	21298

2.1.4 Events

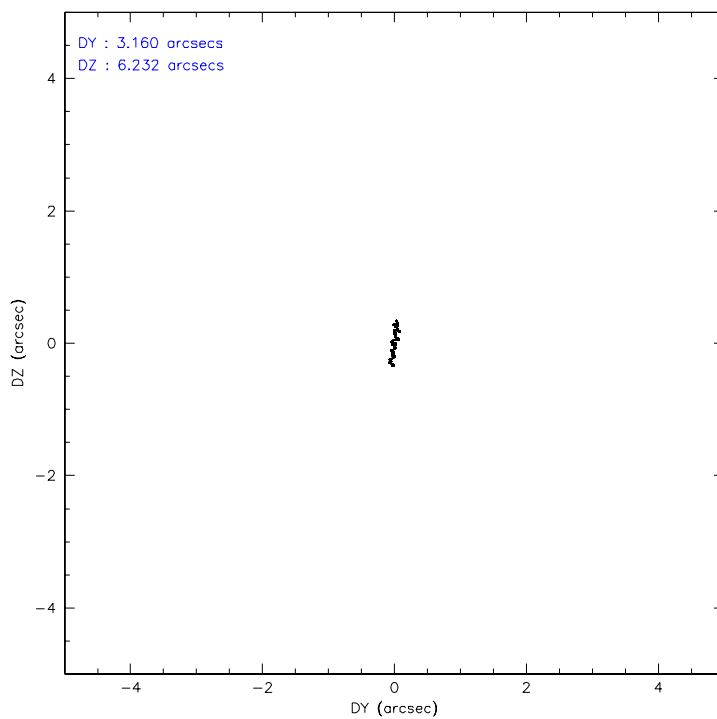
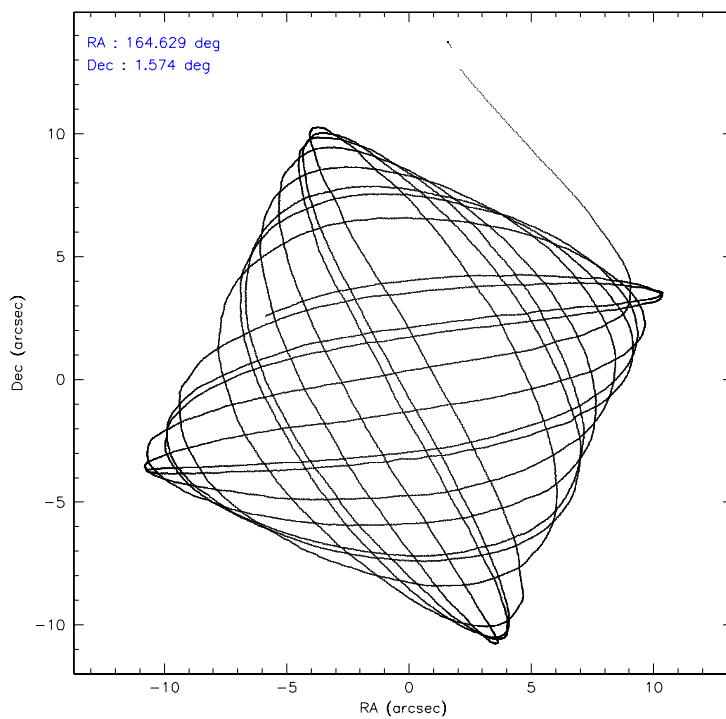
	ccd 7
level 1 events	21298
rejected events	7132
rejected %	33%

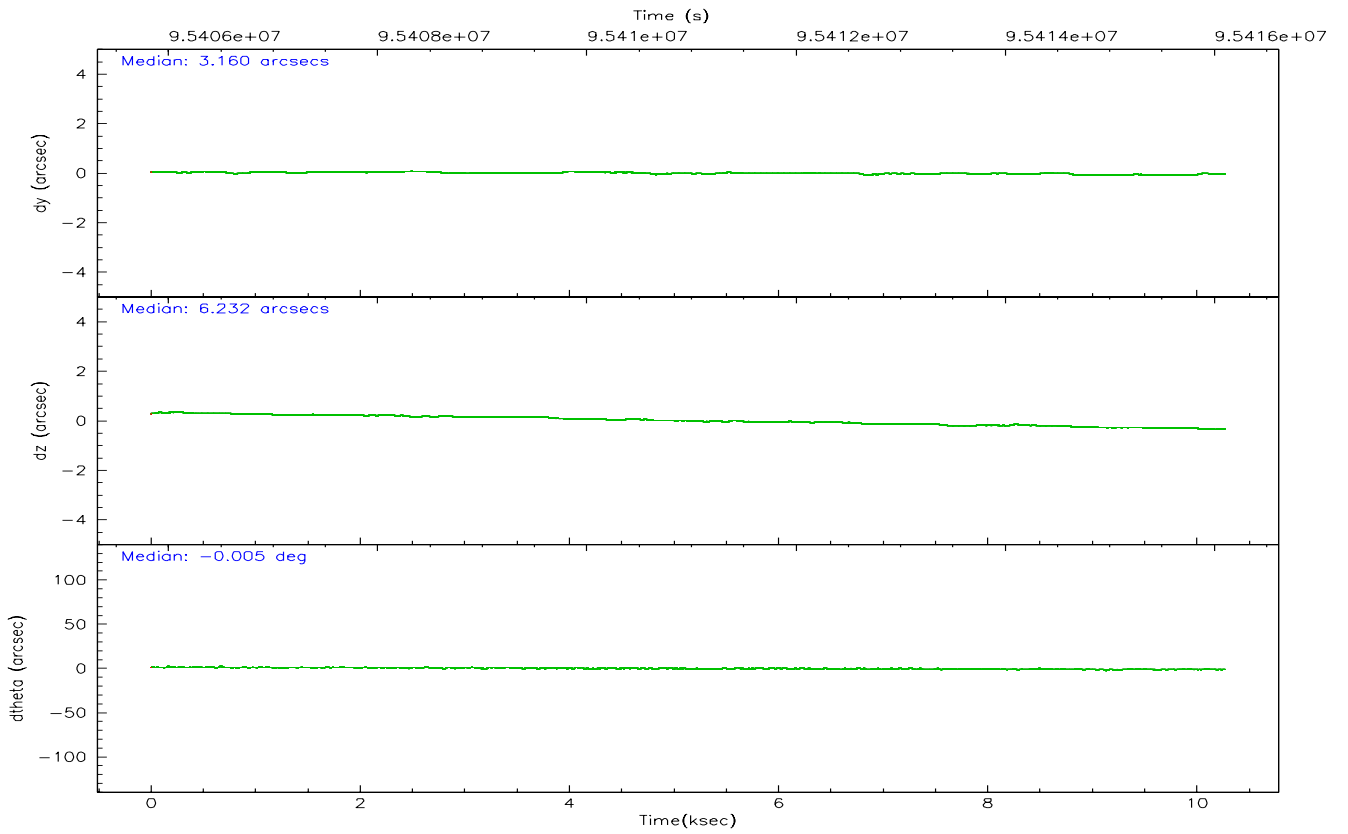
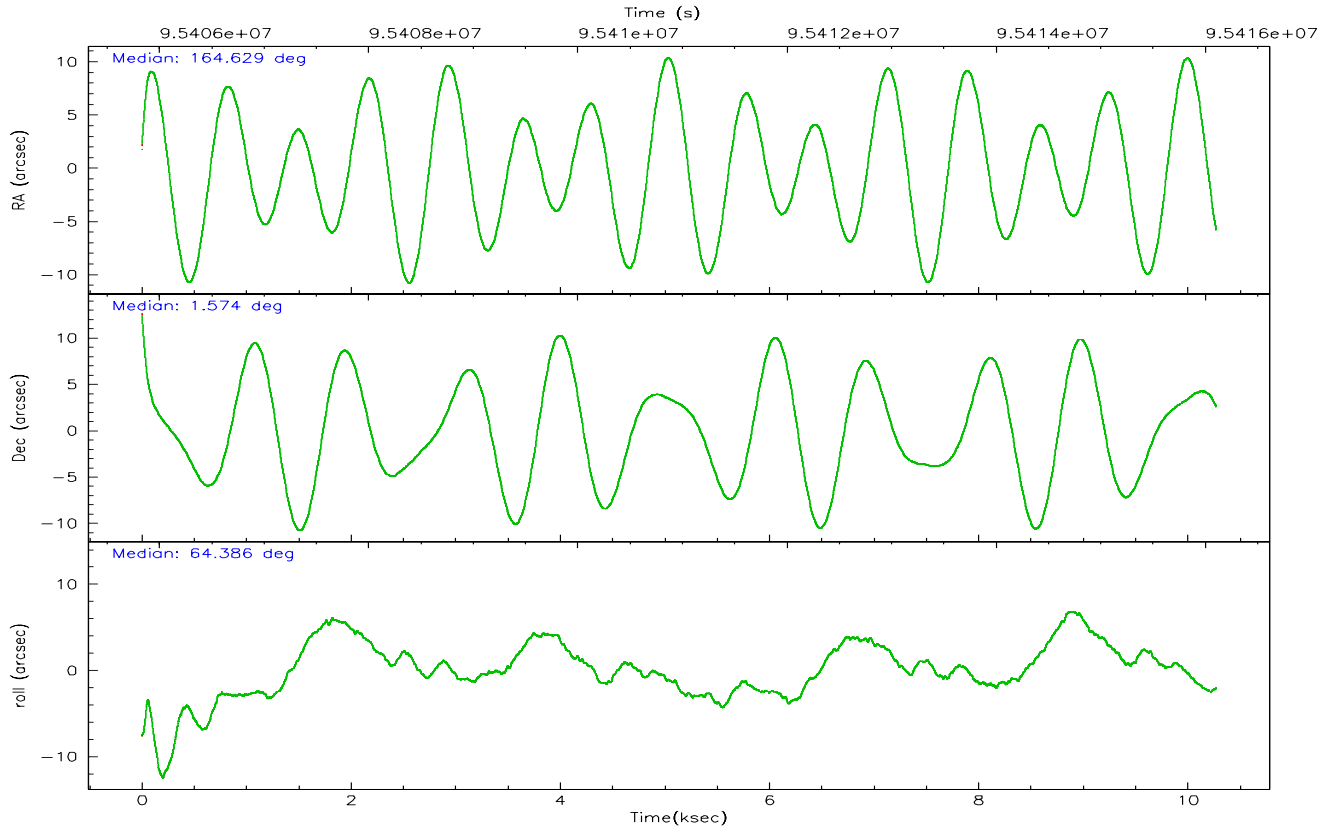
	ccd 7
grade 0 events	2844
	13%
grade 1 events	49
	0%
grade 2 events	3460
	16%
grade 3 events	1549
	7%
grade 4 events	1425
	6%
grade 5 events	989
	4%
grade 6 events	5347
	25%
grade 7 events	5635
	26%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	164.631432	164.6291350581222	Subarray requested	1/8	1/8
Pointing Dec	1.547116	1.574384371813045	Subarray start row	0	449
Pointing Roll	64.232819	64.38951588692942	Subarray row count	1024	128
Roll angle	90.000000	90.000000	Alternating exposures requested	N	N
Roll tolerance	69.000000	69.000000	Primary exposure time	0.000000	0.4
Roll constraint allows 180D rotation	N	N			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	95406304.184000	95405201.353522			
Observation start date	2001-01-09T05:44:00	2001-01-09T05:26:41			
Observation end time	95416104.184000	95417154.39148			
Observation end date	2001-01-09T08:27:20	2001-01-09T08:45:54			
Read mode	TIMED	TIMED			

2.3 Aspect



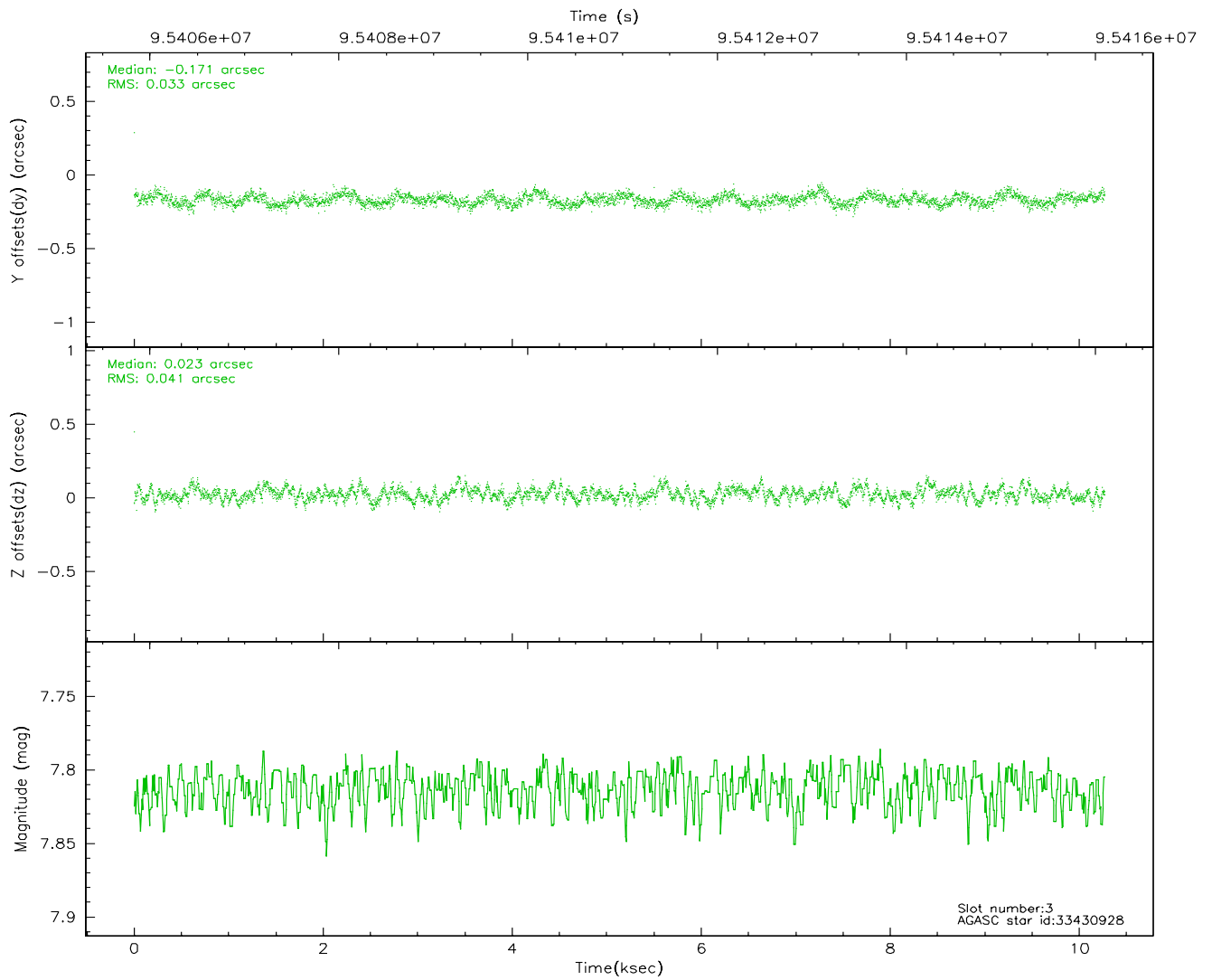
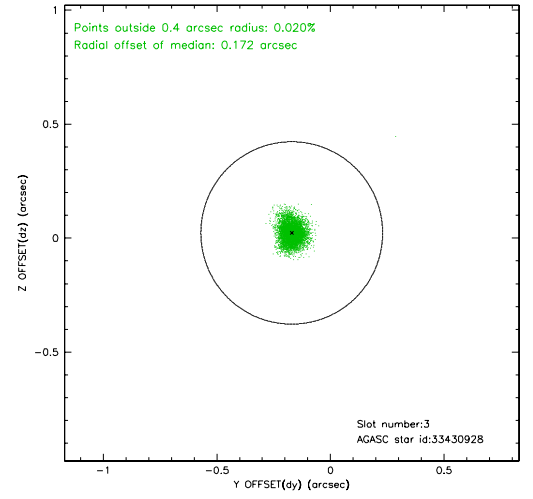
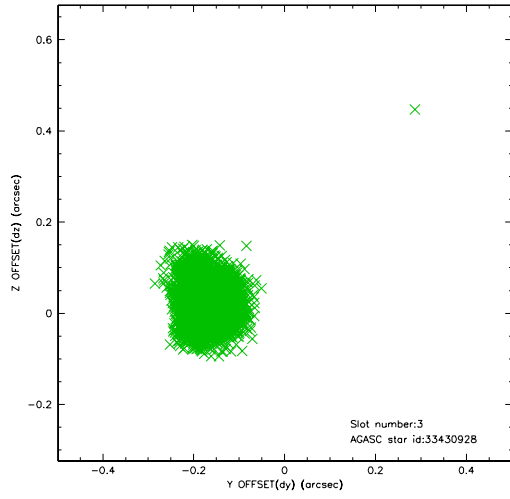


Slot Statistics

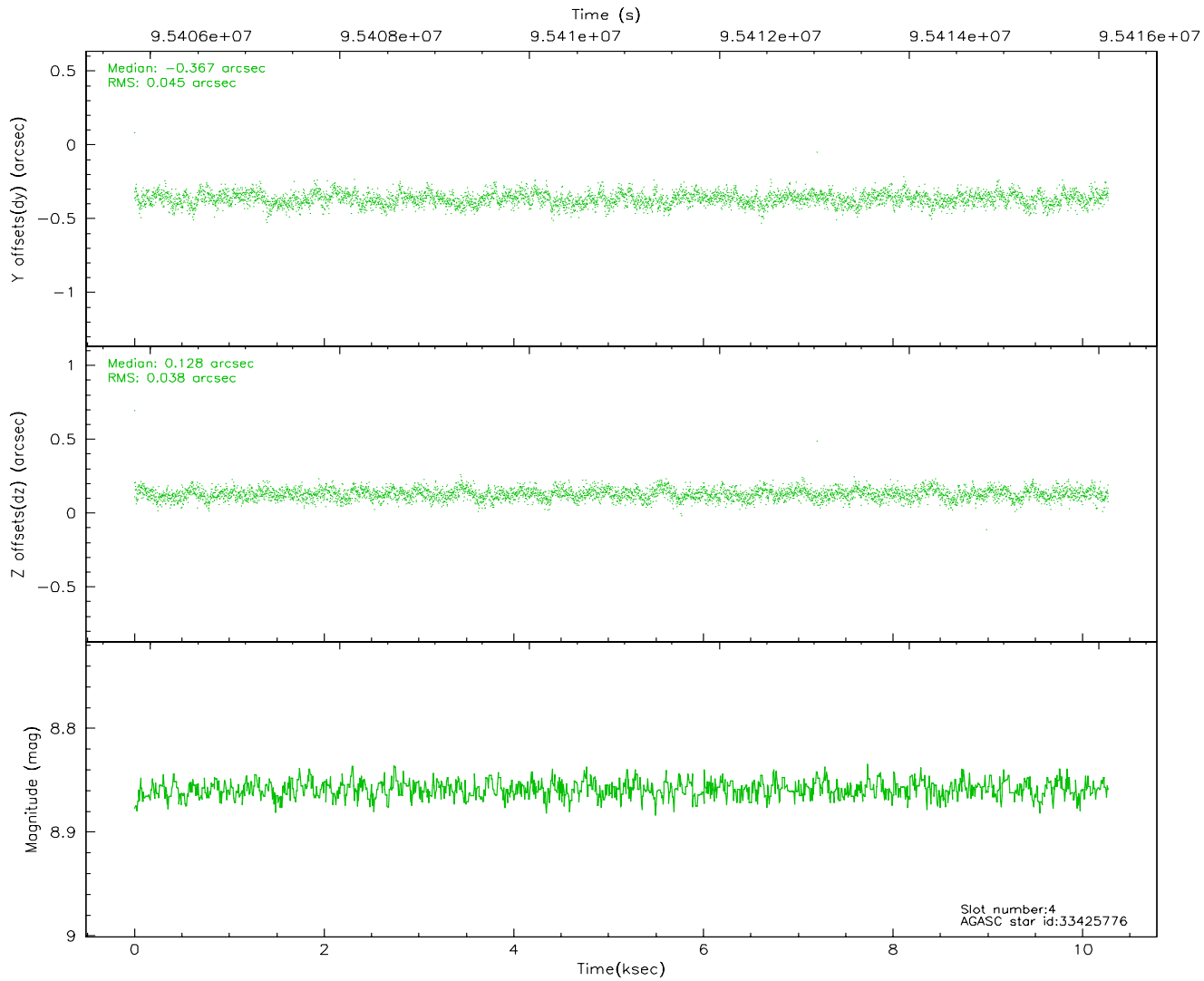
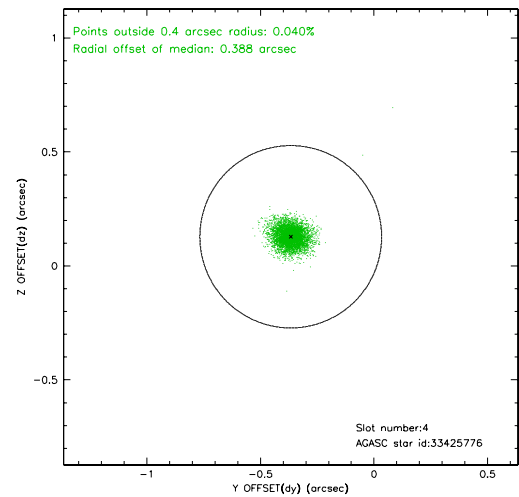
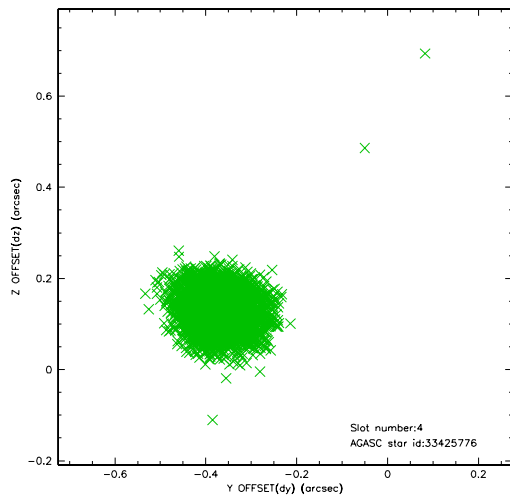
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	2506	-0.017	-0.020	0.011	0.018	0.000000	0.000000	940.20	-1722.99
1	FID	ACIS-S-5	7.24	2506	0.033	-0.001	0.007	0.012	0.000000	0.000000	-1808.44	174.08
2	FID	ACIS-S-6	7.35	2506	-0.038	0.033	0.008	0.014	0.000000	0.000000	405.20	818.63
3	GUIDE	33430928	7.81	5011	-0.171	0.023	0.055	0.089	164.698903	1.729219	695.39	66.68
4	GUIDE	33425776	8.86	5011	-0.367	0.128	0.061	0.101	164.749355	2.195075	2284.55	632.57
5	GUIDE	33429488	9.52	5004	0.005	0.355	0.095	0.154	164.948285	1.078555	-1023.00	-1759.66
6	GUIDE	33431256	9.37	5010	0.445	-0.467	0.081	0.135	164.194963	1.515001	-786.99	1363.78
7	GUIDE	33431792	10.21	5007	0.087	-0.037	0.127	0.206	164.225936	1.063093	-2204.04	557.35

2.4 Star Slots

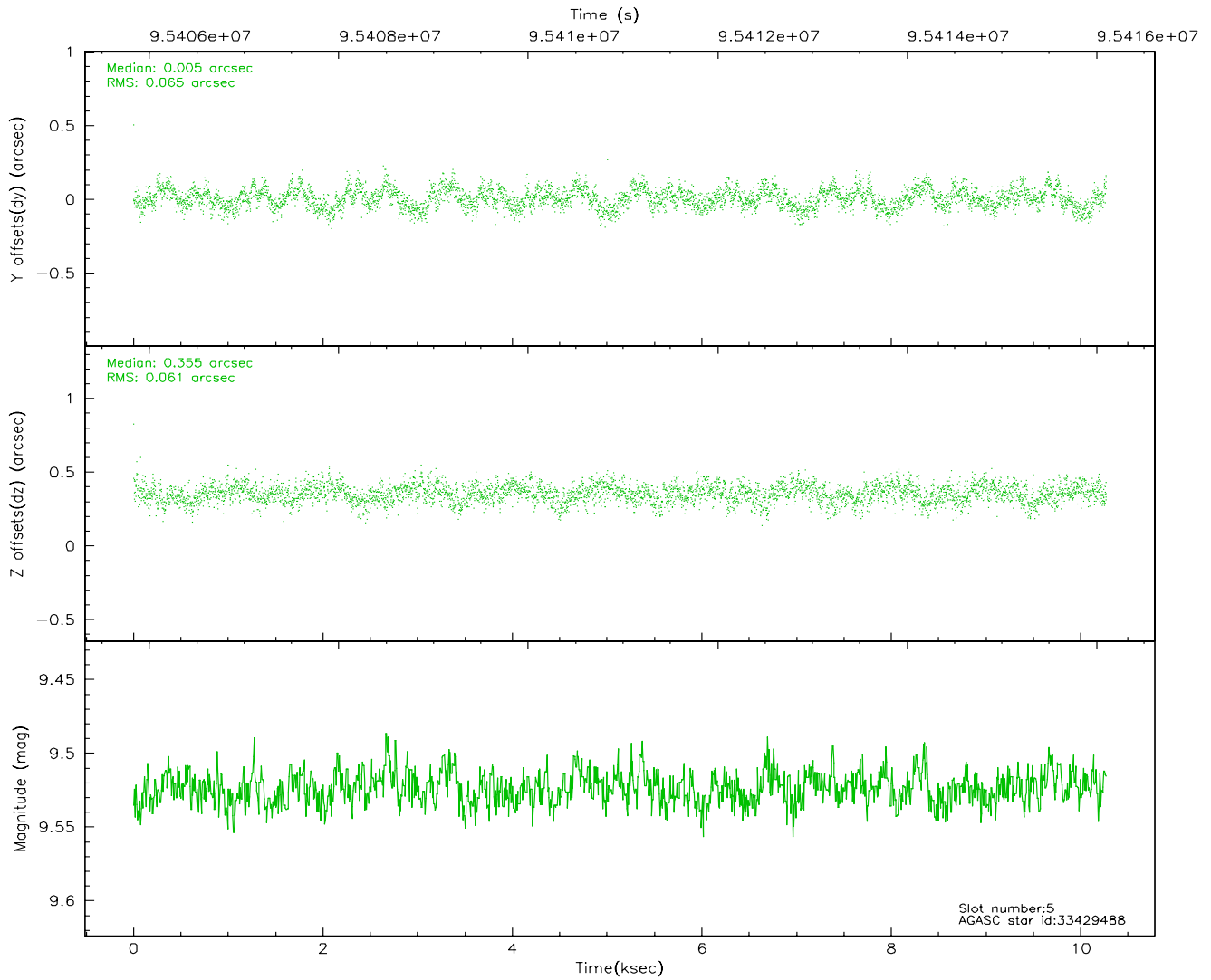
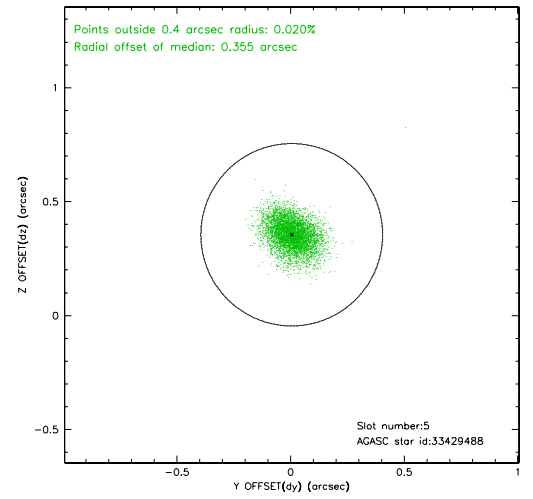
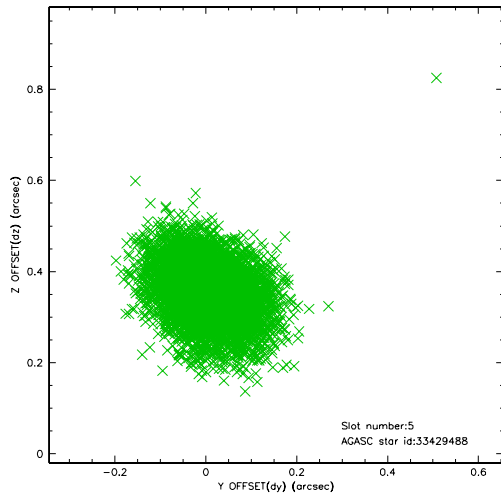
2.4.1 Slot 3



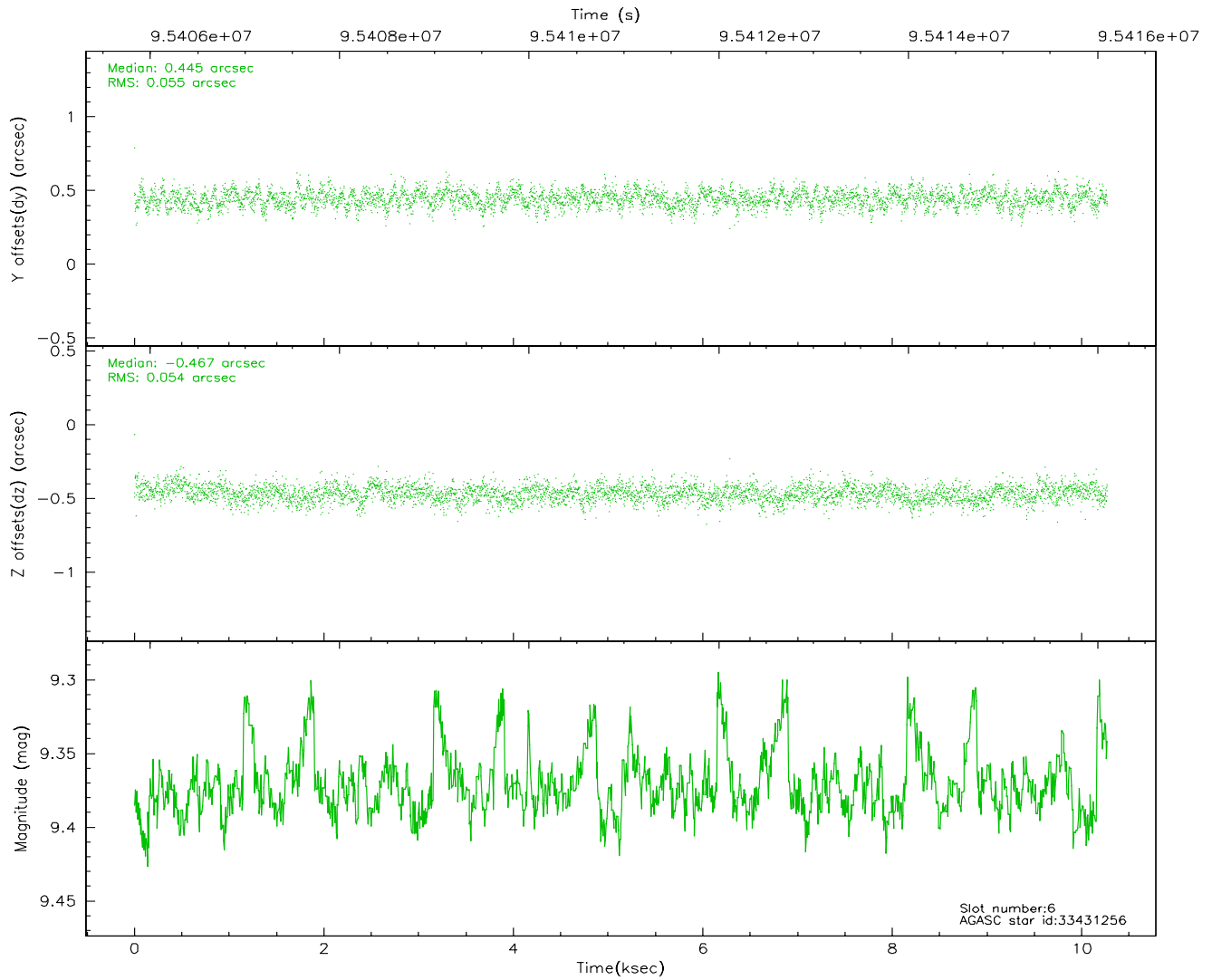
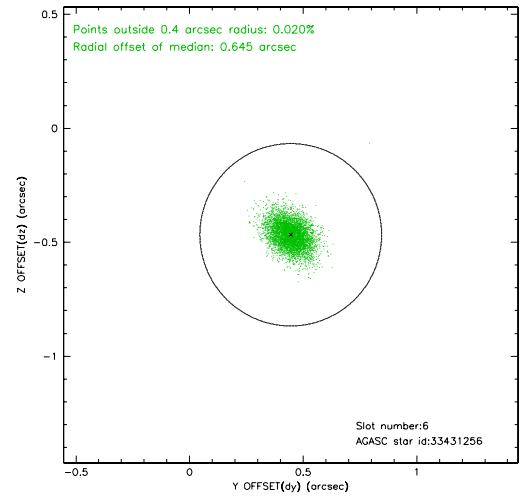
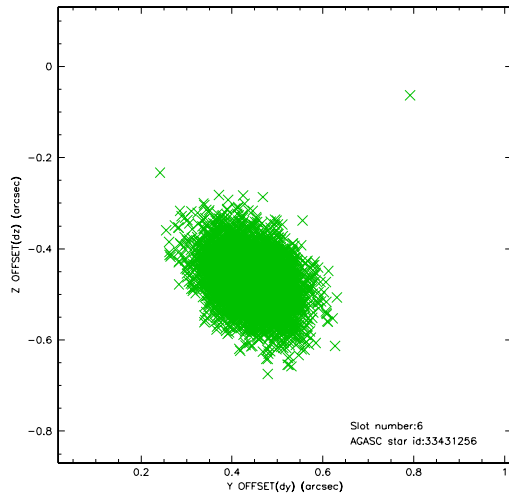
2.4.2 Slot 4



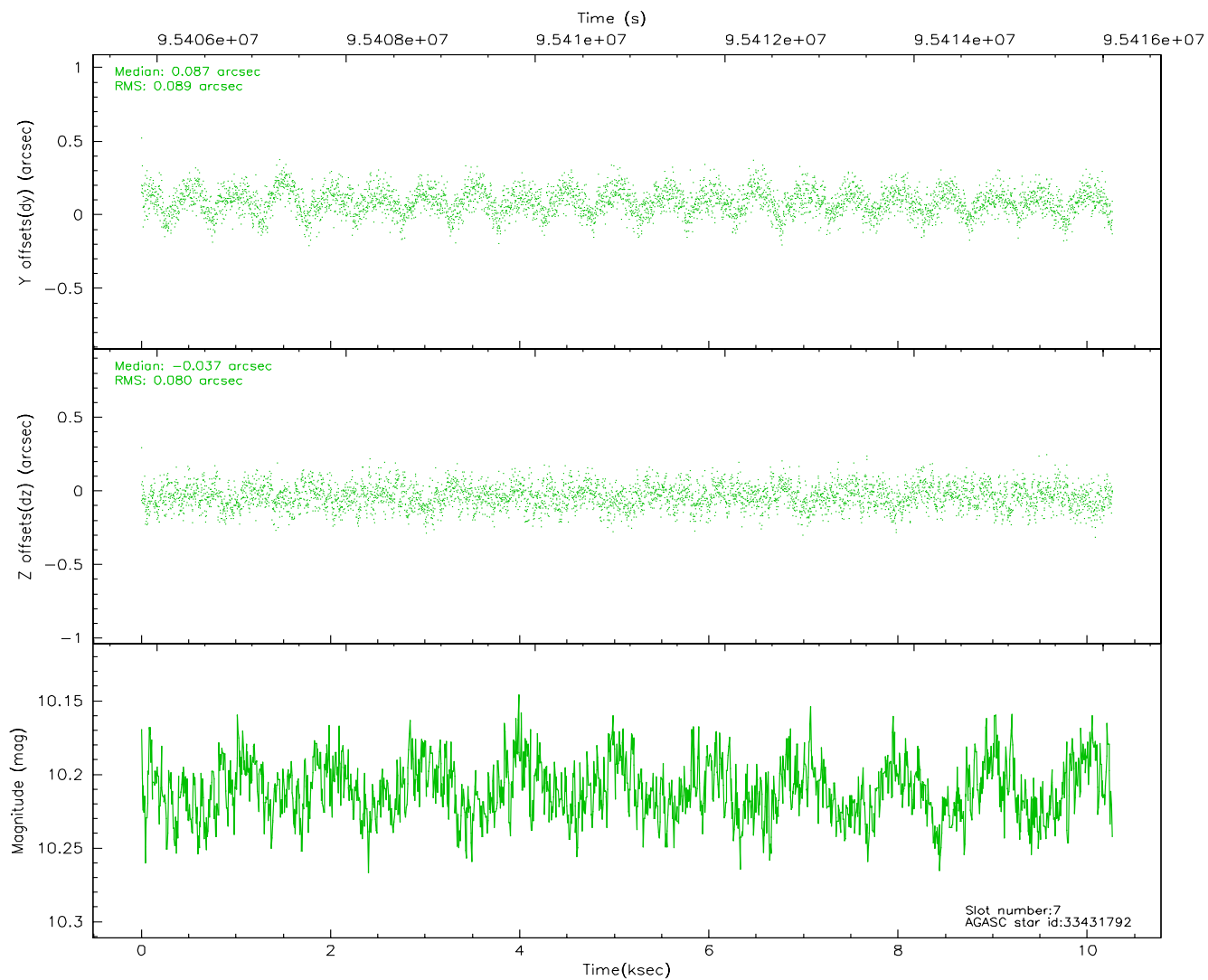
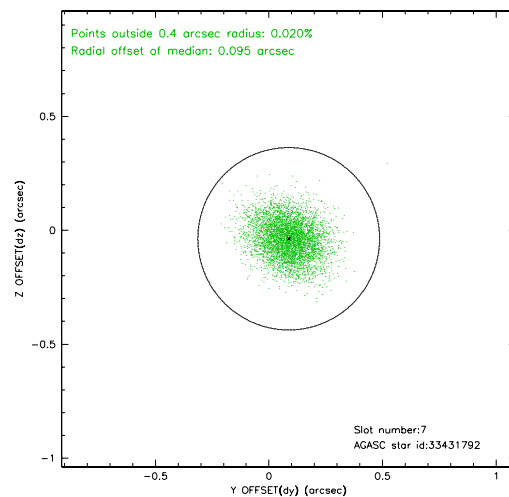
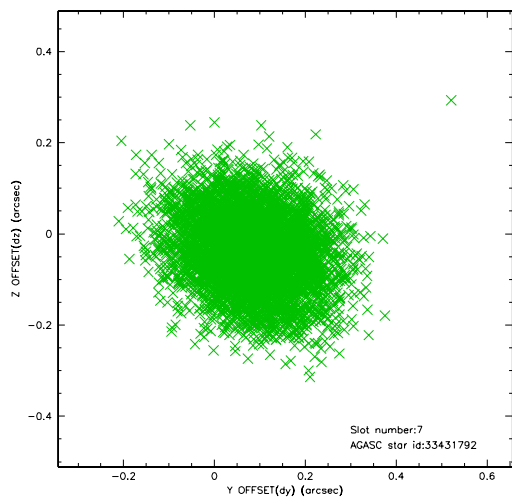
2.4.3 Slot 5



2.4.4 Slot 6

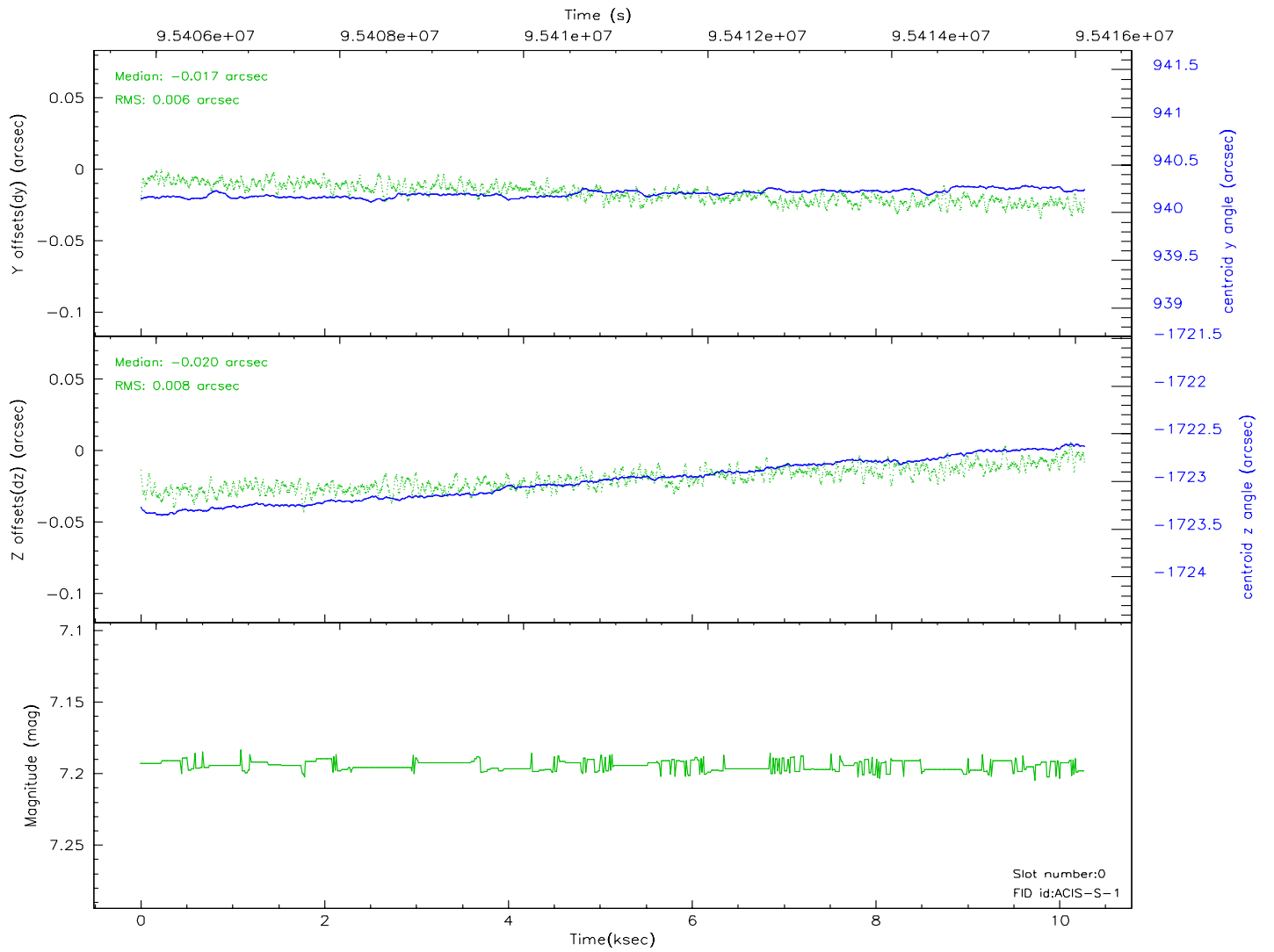
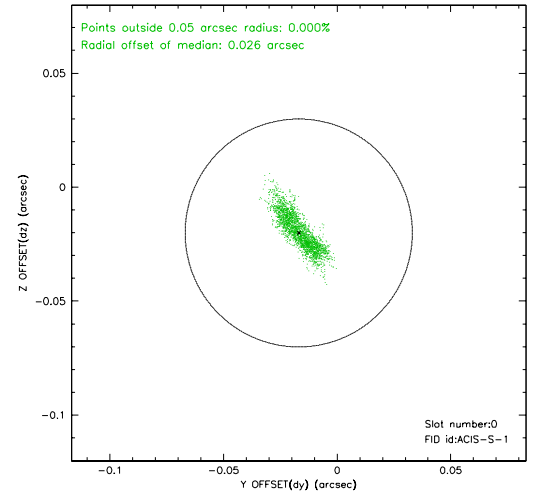
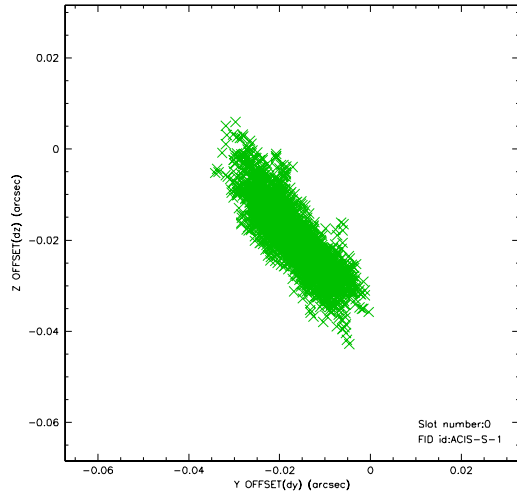


2.4.5 Slot 7

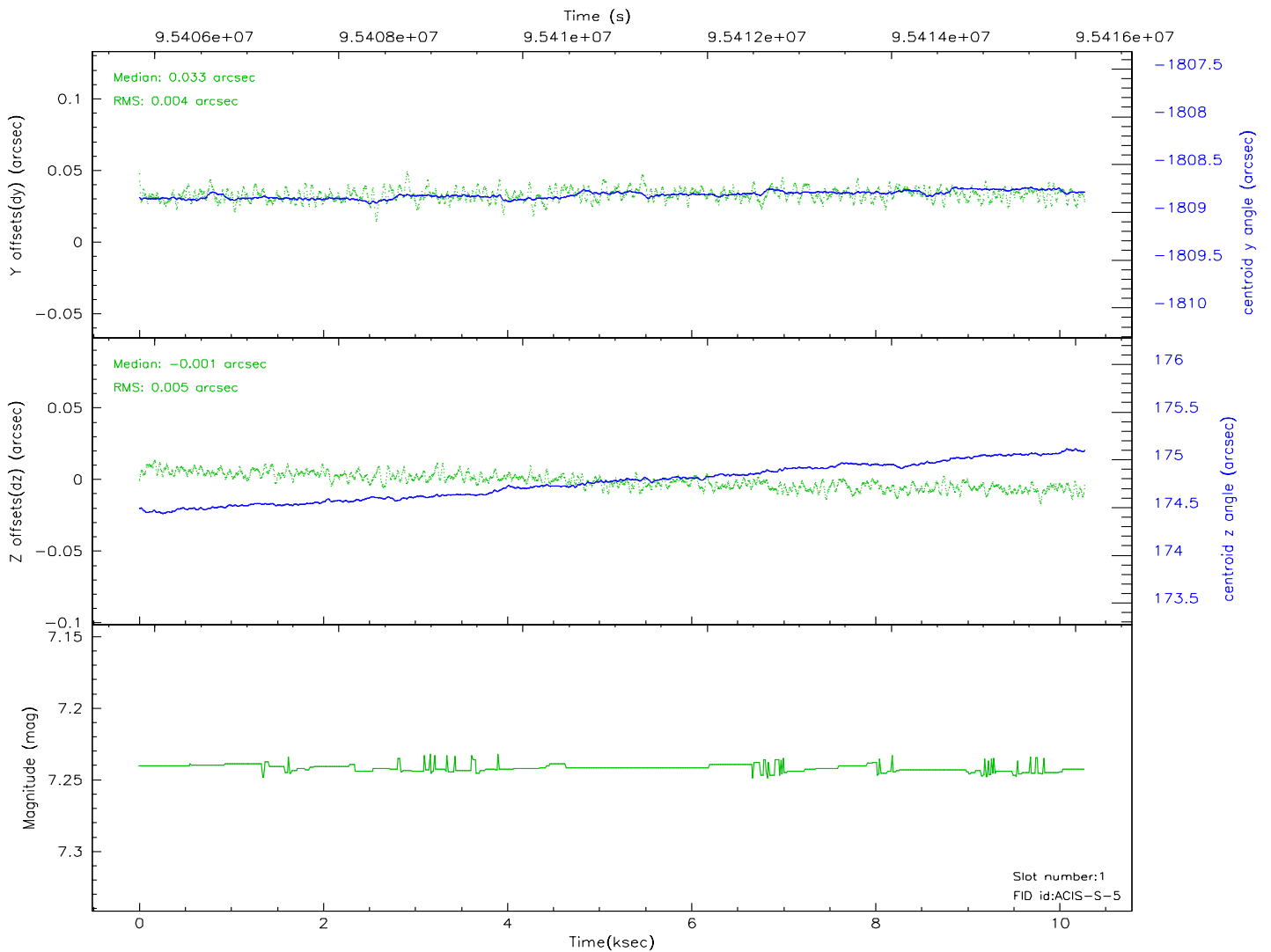
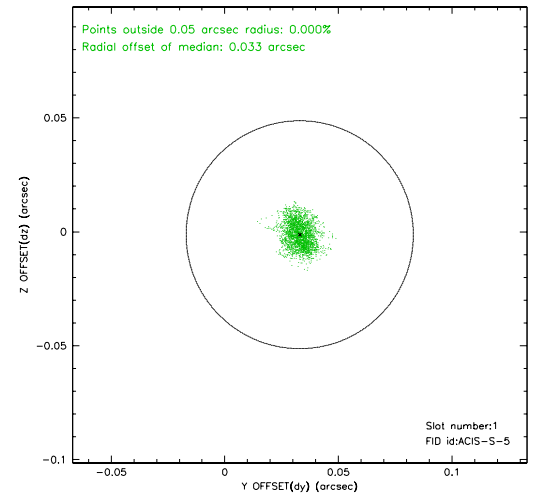
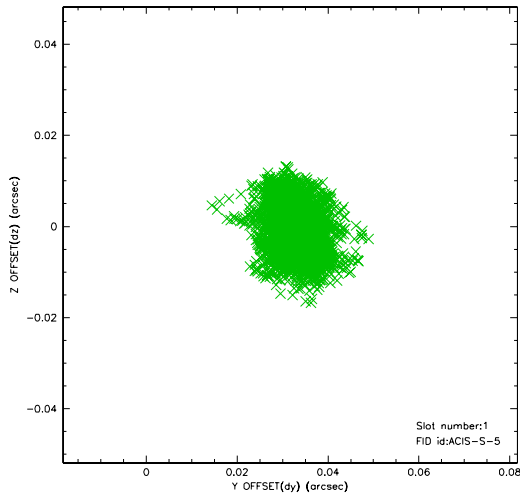


2.5 FID Slots

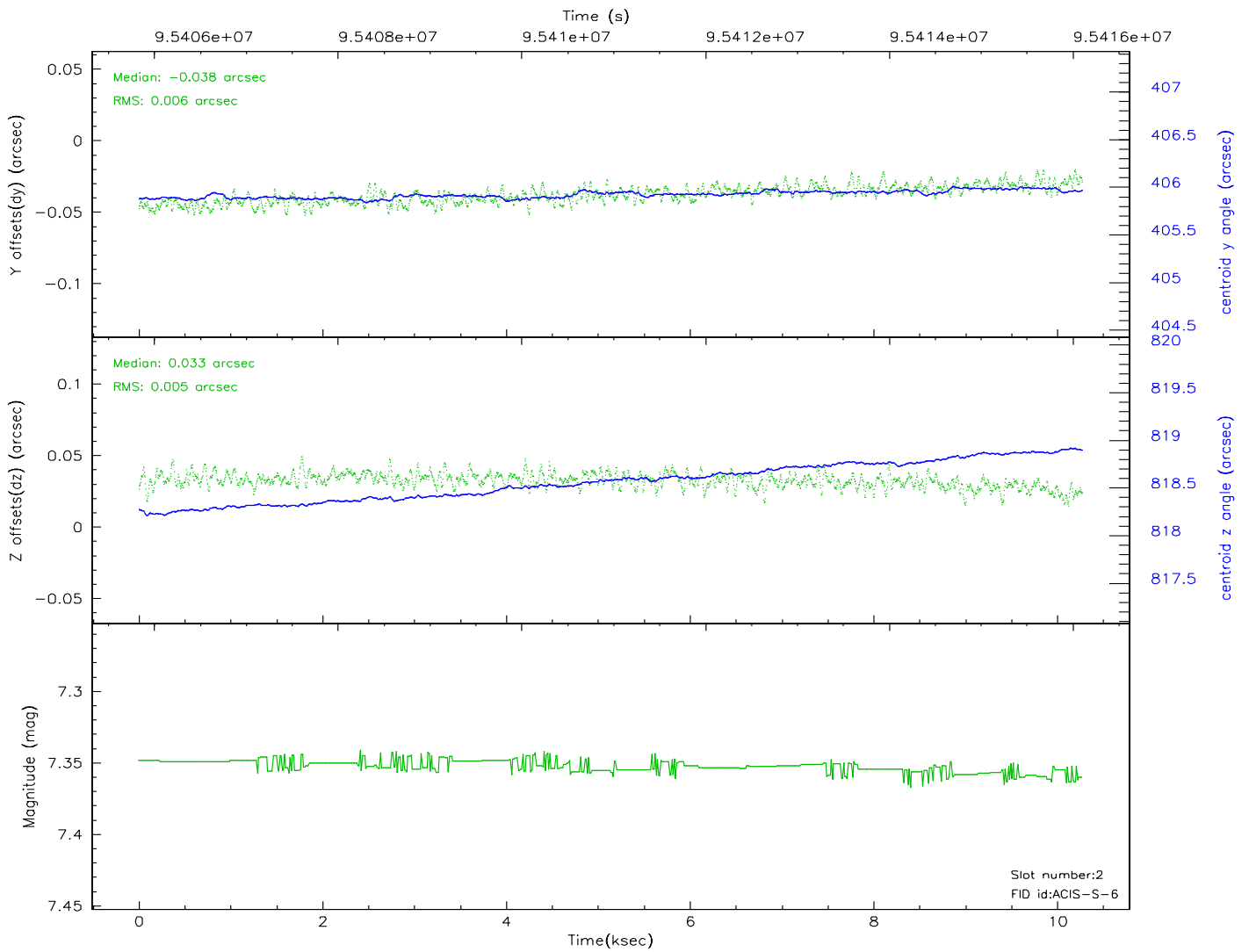
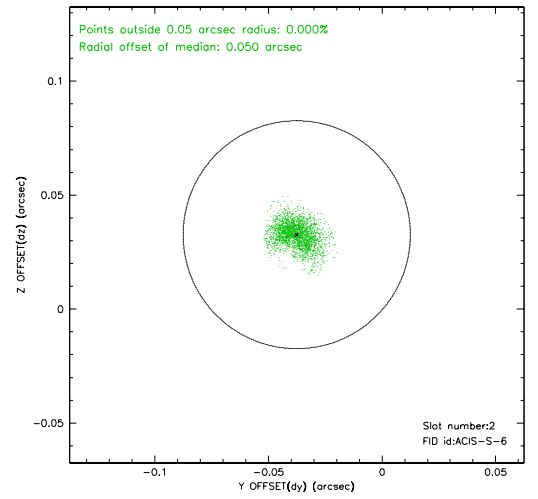
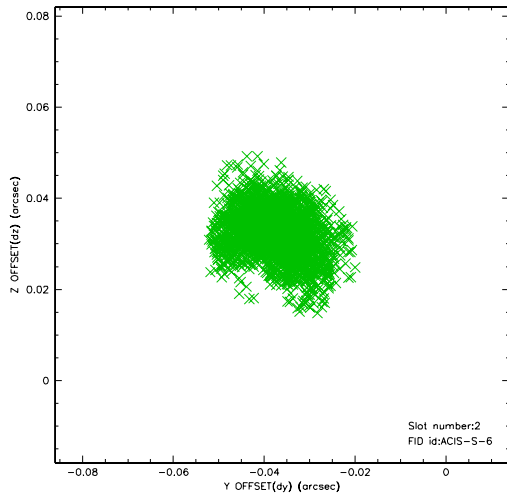
2.5.1 Slot 0



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)	2006.11.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.27

A.2 Comments

Roll constraint met.