

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2155 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Nov 4 2006

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1 Front

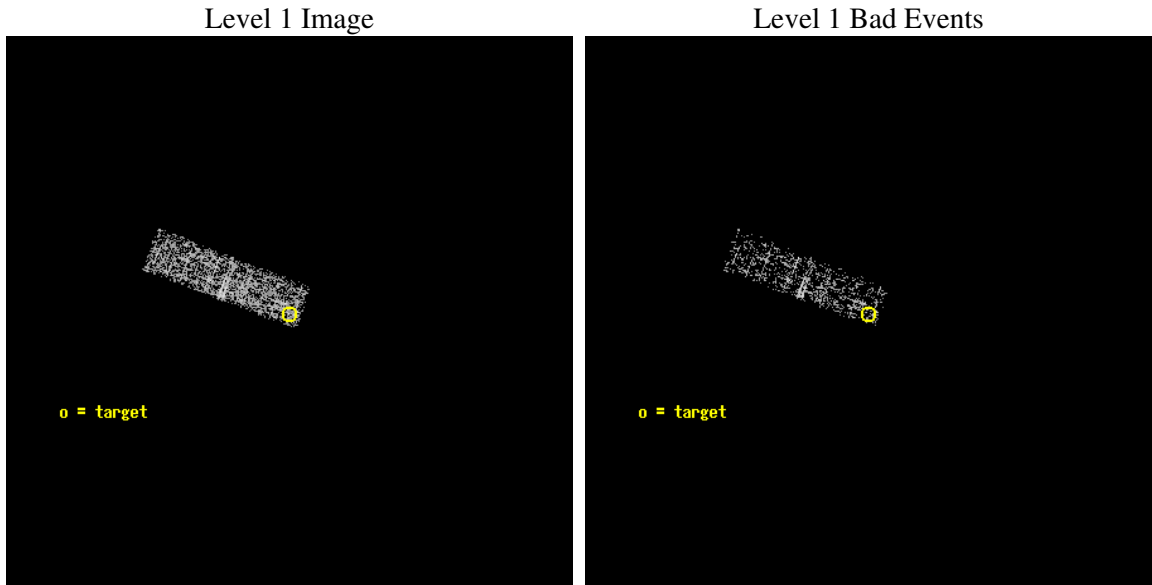
seq_num	700345
obs_id	2155
title	RED QUASARS AND THE X-RAY BACKGROUND
observer	Dr. BELINDA WILKES
object	2MASSJ015721+1712
dtcycle	0
cycle	P
ra_targ	29.3375
dec_targ	17.213444
ra_nom	29.337327241206
dec_nom	17.208729396305
roll_nom	290.90444493093
revision	2
ontime	2543.9999905229
livetime	2419.8611153076
ontime3	2543.9999905229
l2events	569



2 OBI

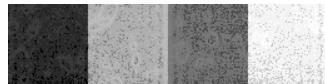
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 3



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-11-04T10:03:48
revision	2

sched_exp_time	2700.000000
ontime	2544.9531877935
ontime3	2544.9531877935
l1events	5500

2.1.4 Events

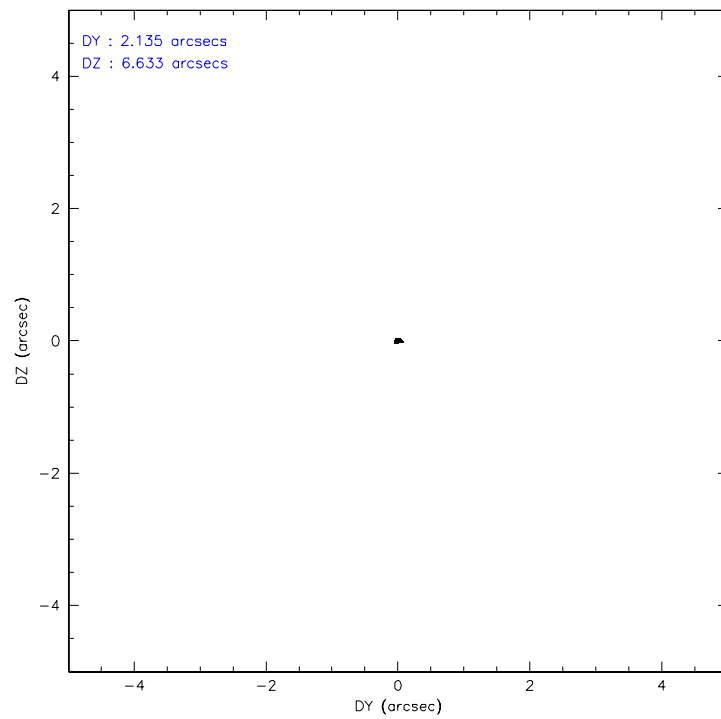
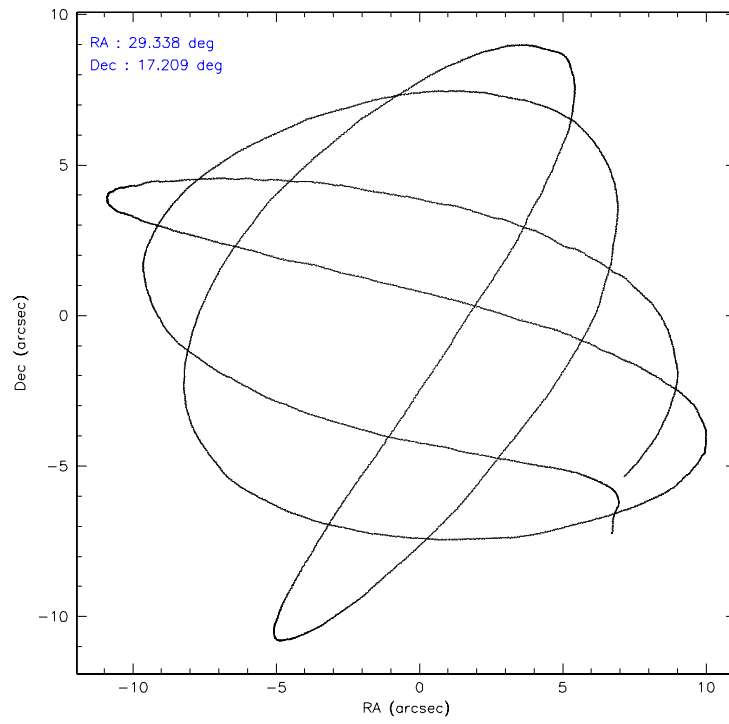
	ccd 3
level 1 events	5500
rejected events	4836
rejected %	87%

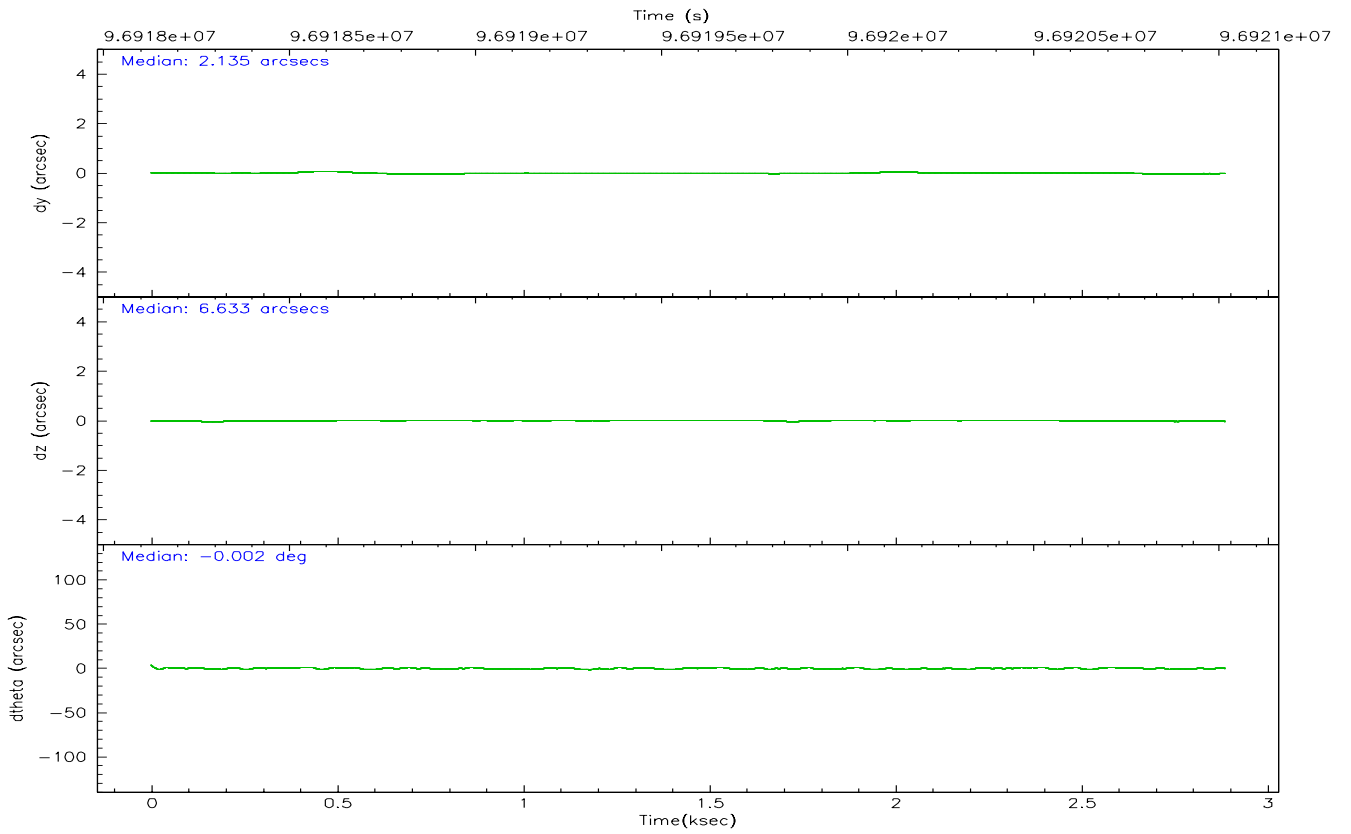
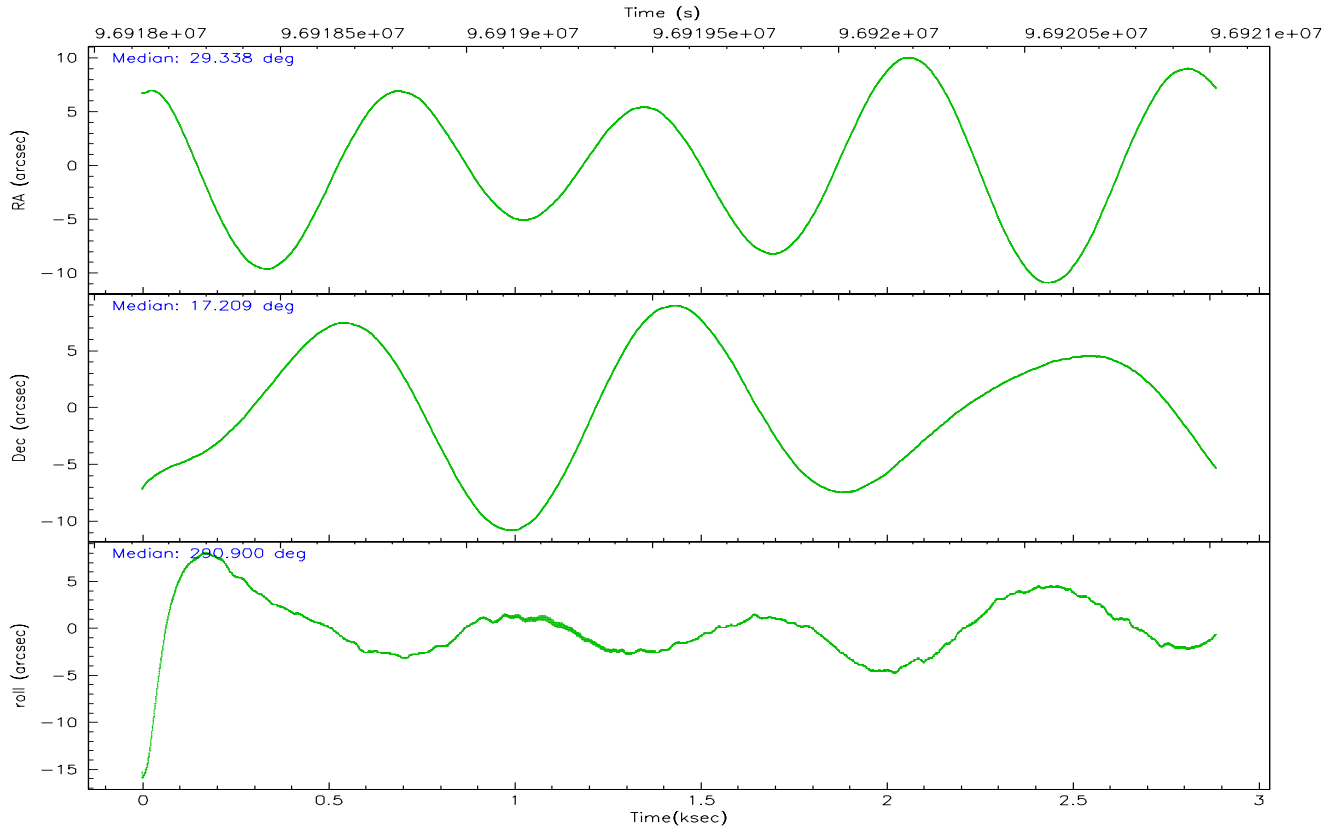
	ccd 3
grade 0 events	291
	5%
grade 1 events	0
	0%
grade 2 events	95
	1%
grade 3 events	87
	1%
grade 4 events	87
	1%
grade 5 events	144
	2%
grade 6 events	104
	1%
grade 7 events	4692
	85%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-3	ACIS-3	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	29.315000	29.33732724120621	Subarray requested	1/4	1/4
Pointing Dec	17.225993	17.20872939630475	Subarray start row	0	769
Pointing Roll	290.702458	290.9044449309334	Subarray row count	1024	256
SIM focus pos (mm)	-0.782348	-0.7809083437167272	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001439871863259334	Primary exposure time	0.000000	0.8
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	96918313.184000	96917754.44913299			
Observation start date	2001-01-26T17:44:09	2001-01-26T17:35:54			
Observation end time	96921013.184000	96921407.03677399			
Observation end date	2001-01-26T18:29:09	2001-01-26T18:36:47			
Read mode	TIMED	TIMED			

2.3 Aspect



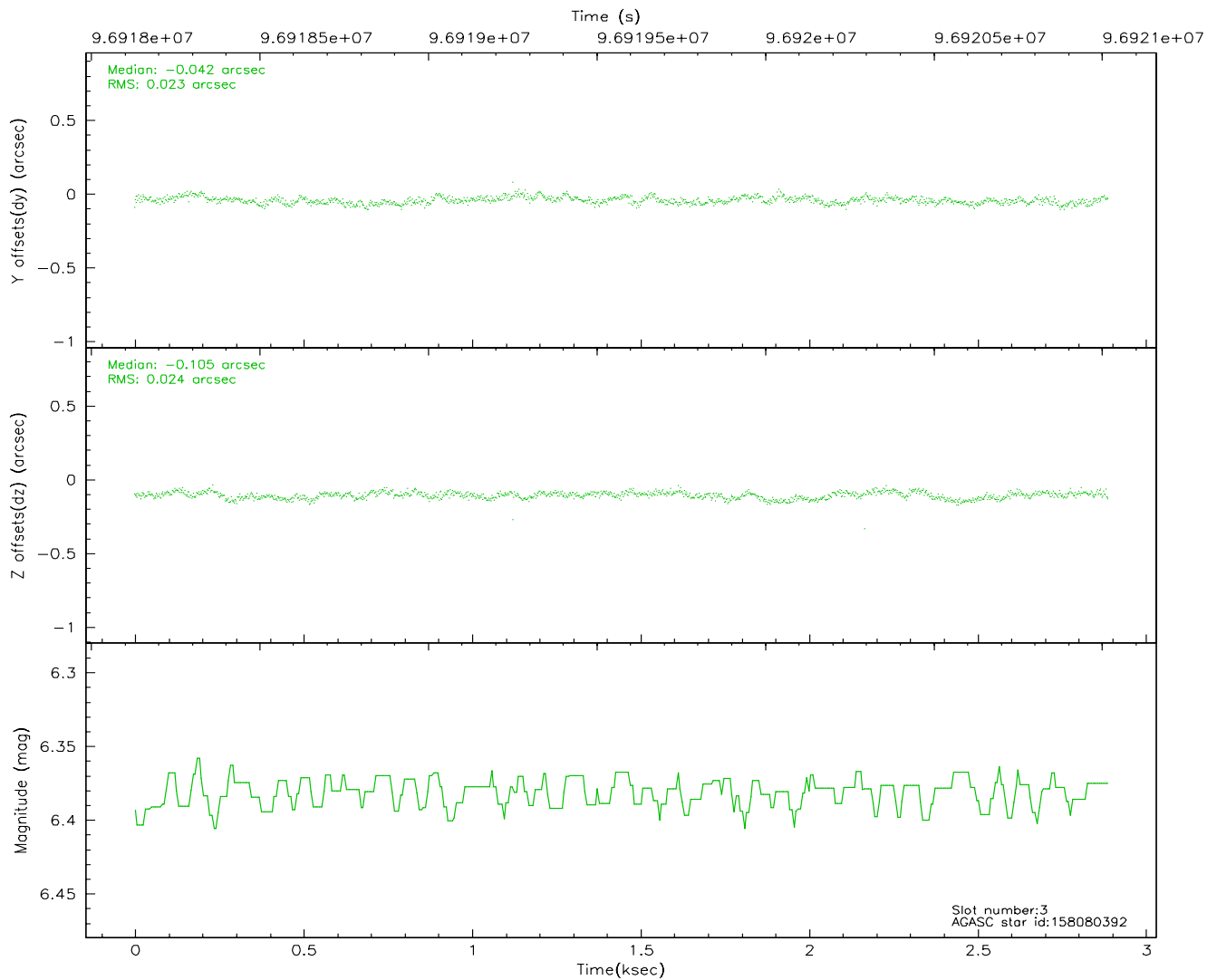
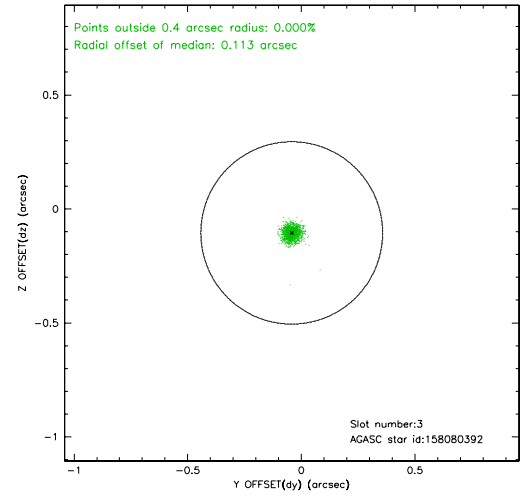
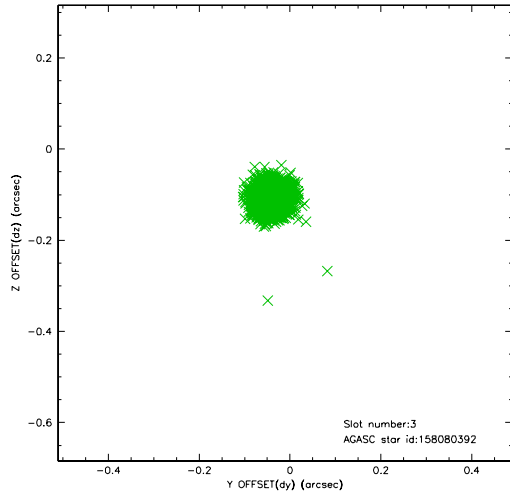


Slot Statistics

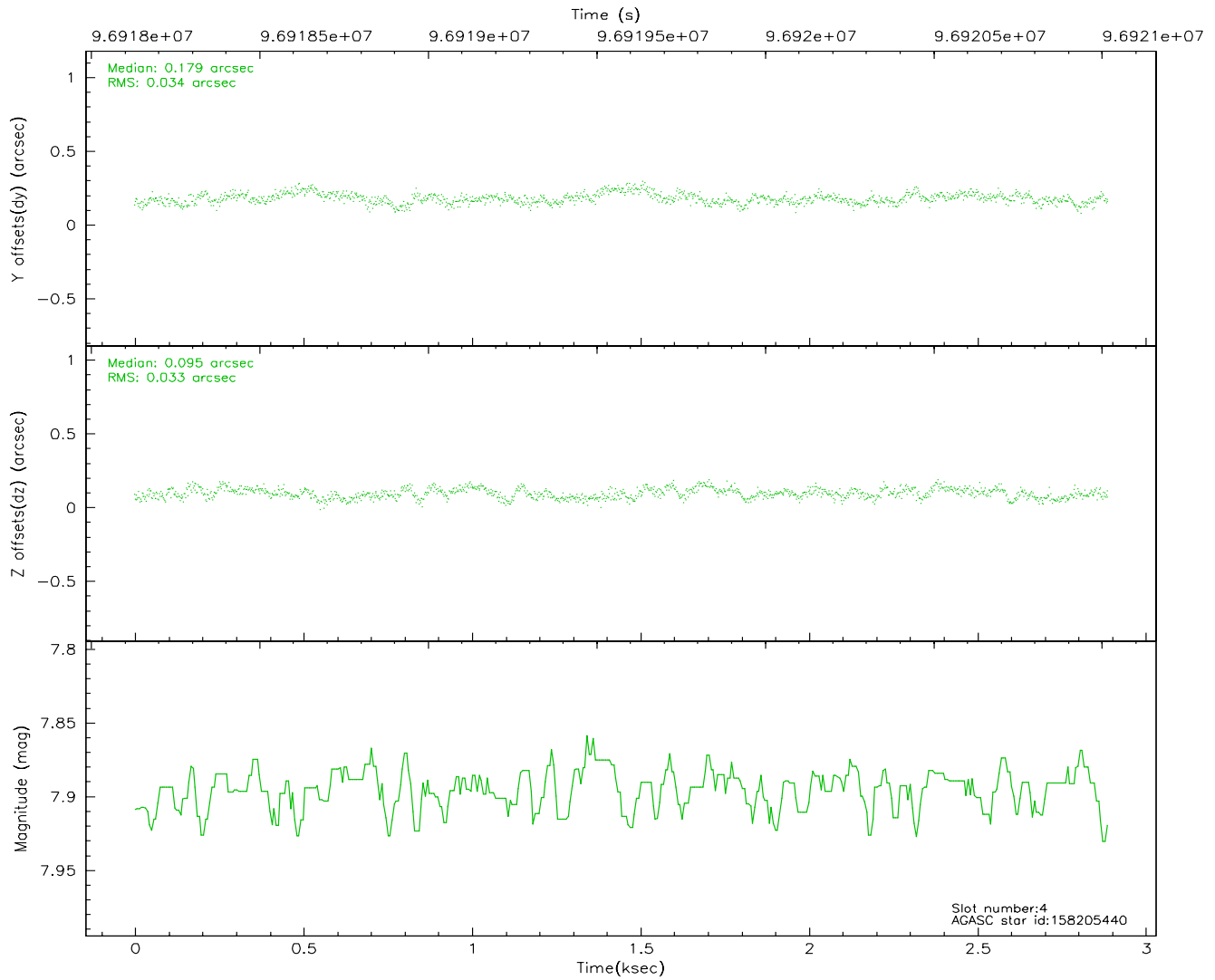
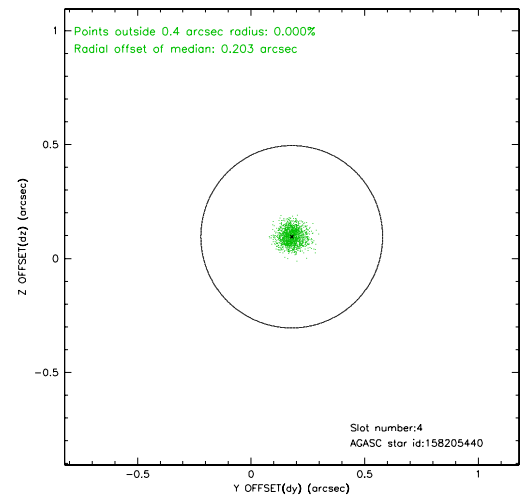
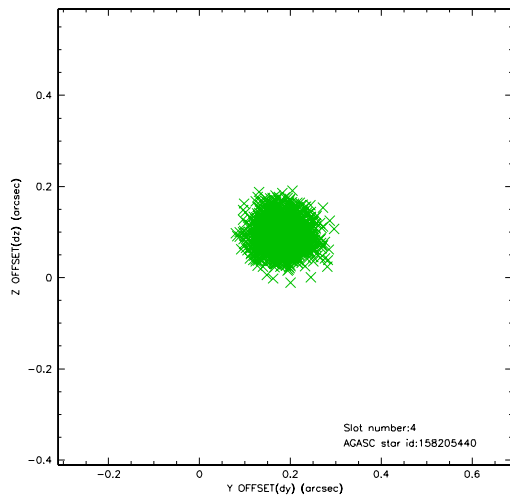
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.16	705	-0.019	-0.029	0.007	0.013	0.000000	0.000000	-756.51	-836.41
1	FID	ACIS-I-4	7.18	705	-0.089	0.028	0.005	0.009	0.000000	0.000000	2156.47	1068.71
2	FID	ACIS-I-5	7.23	705	0.008	0.070	0.007	0.014	0.000000	0.000000	-1807.45	1069.13
3	GUIDE	158080392	6.38	1409	-0.042	-0.105	0.035	0.055	28.879882	17.189360	-407.90	-1446.90
4	GUIDE	158205440	7.89	1410	0.179	0.095	0.052	0.081	29.697876	17.025839	1137.88	976.94
5	GUIDE	158606800	8.06	1410	-0.003	0.133	0.053	0.085	29.515636	17.539030	-810.99	1042.77
6	GUIDE	158476200	8.68	1410	-0.083	0.040	0.056	0.094	29.261564	17.812968	-2042.89	575.42
7	GUIDE	158477280	8.71	1408	-0.052	-0.164	0.061	0.096	28.694039	17.552471	-1858.27	-1577.91

2.4 Star Slots

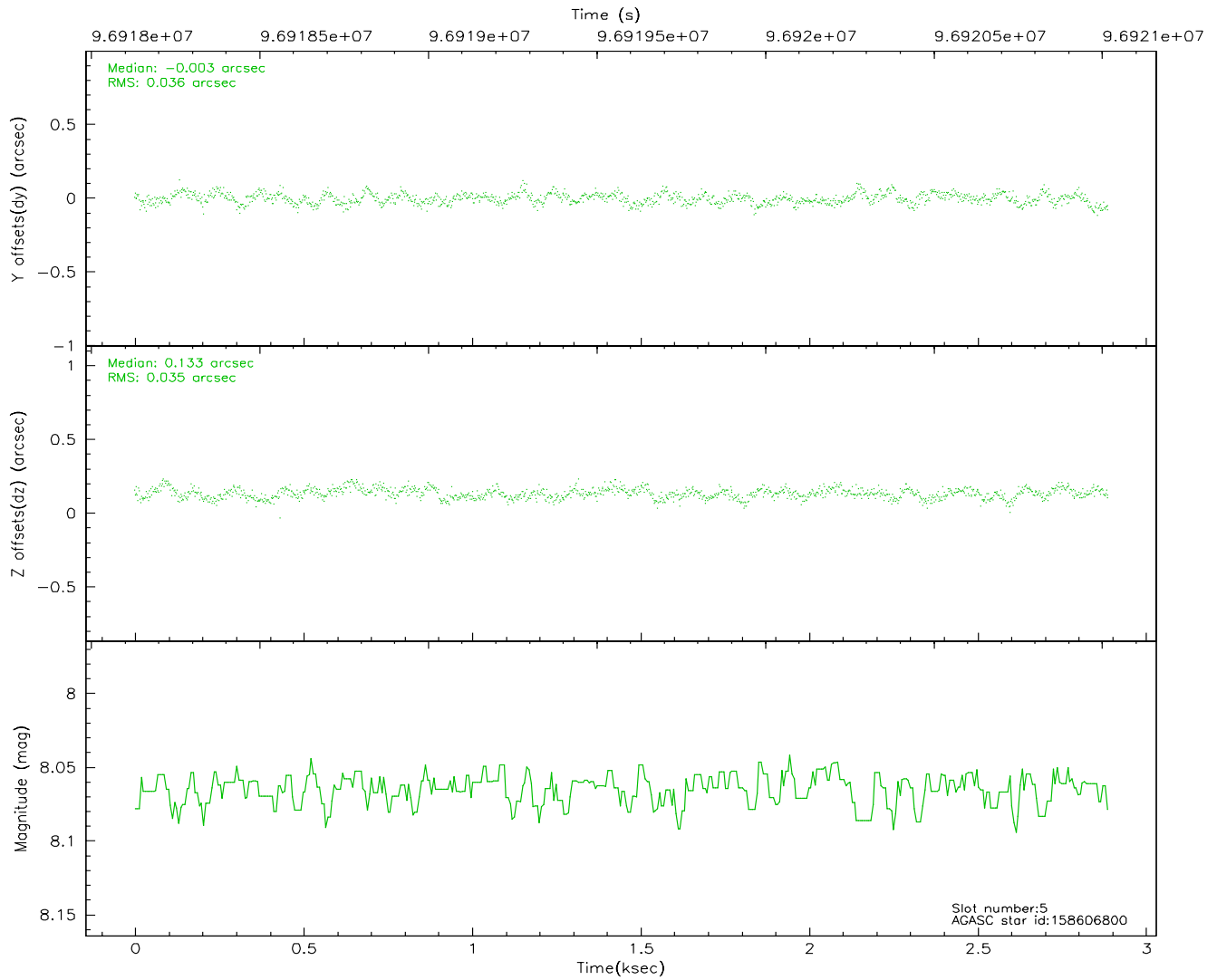
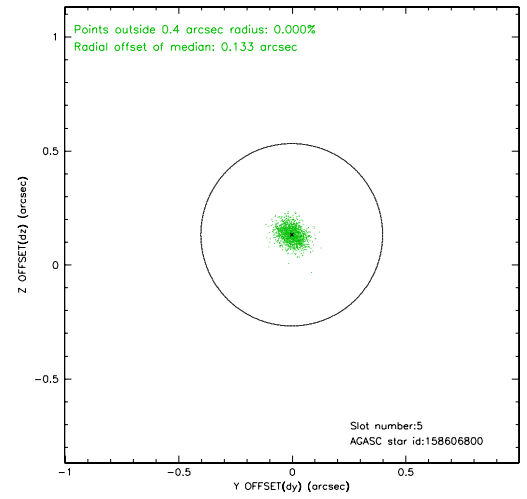
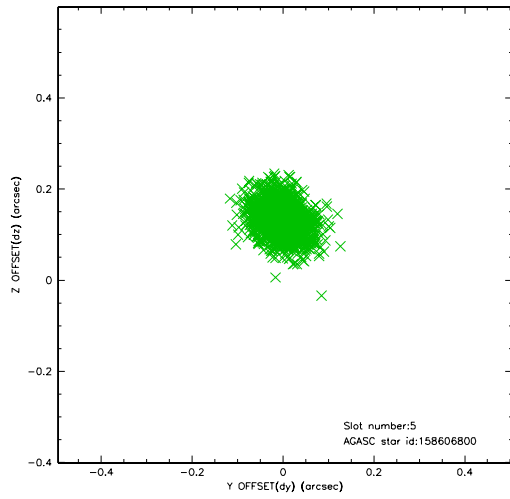
2.4.1 Slot 3



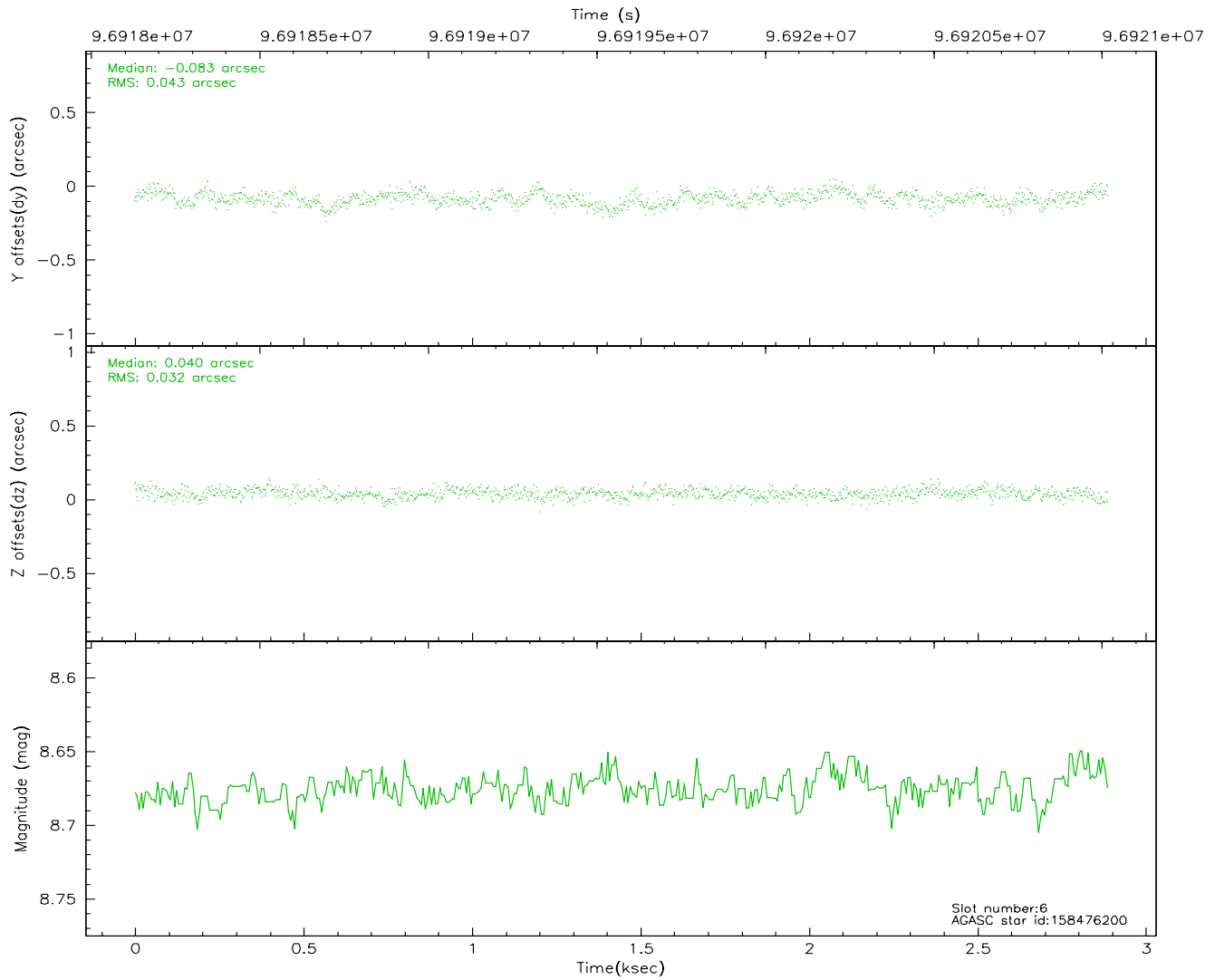
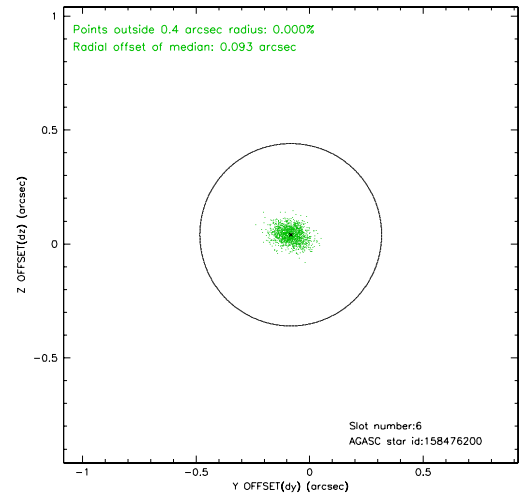
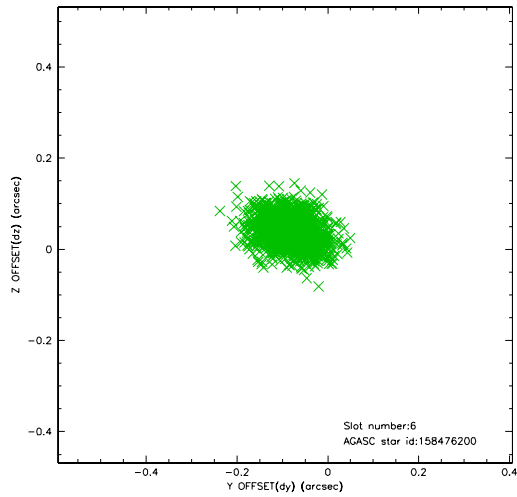
2.4.2 Slot 4



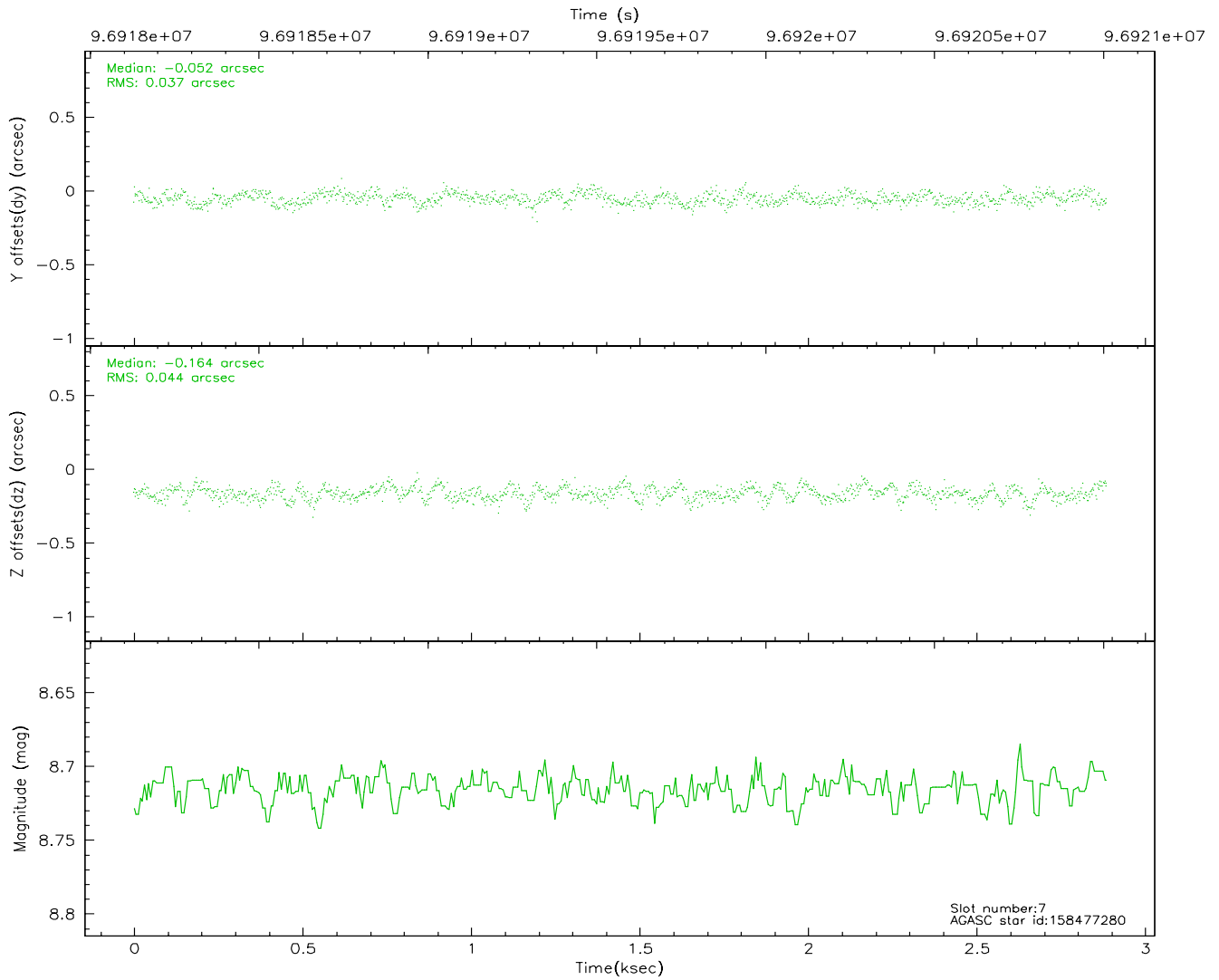
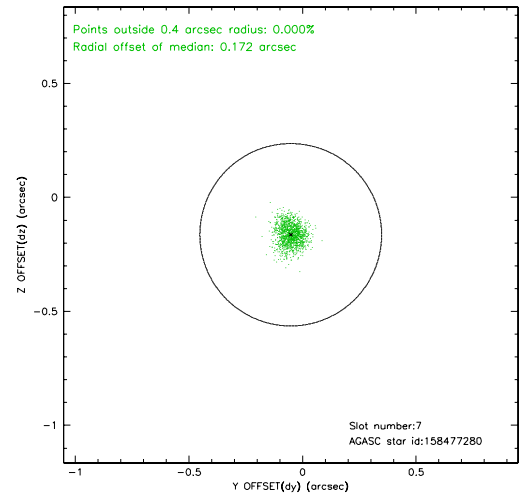
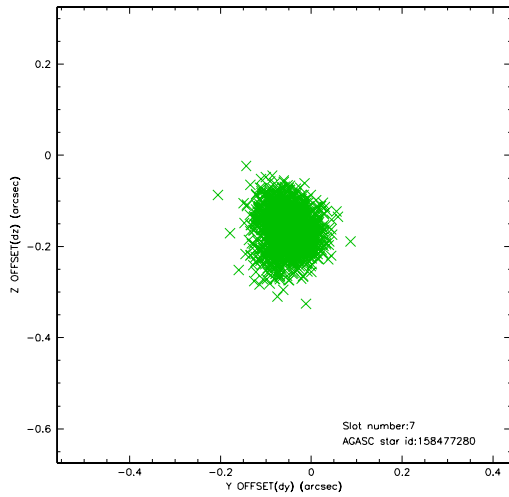
2.4.3 Slot 5



2.4.4 Slot 6

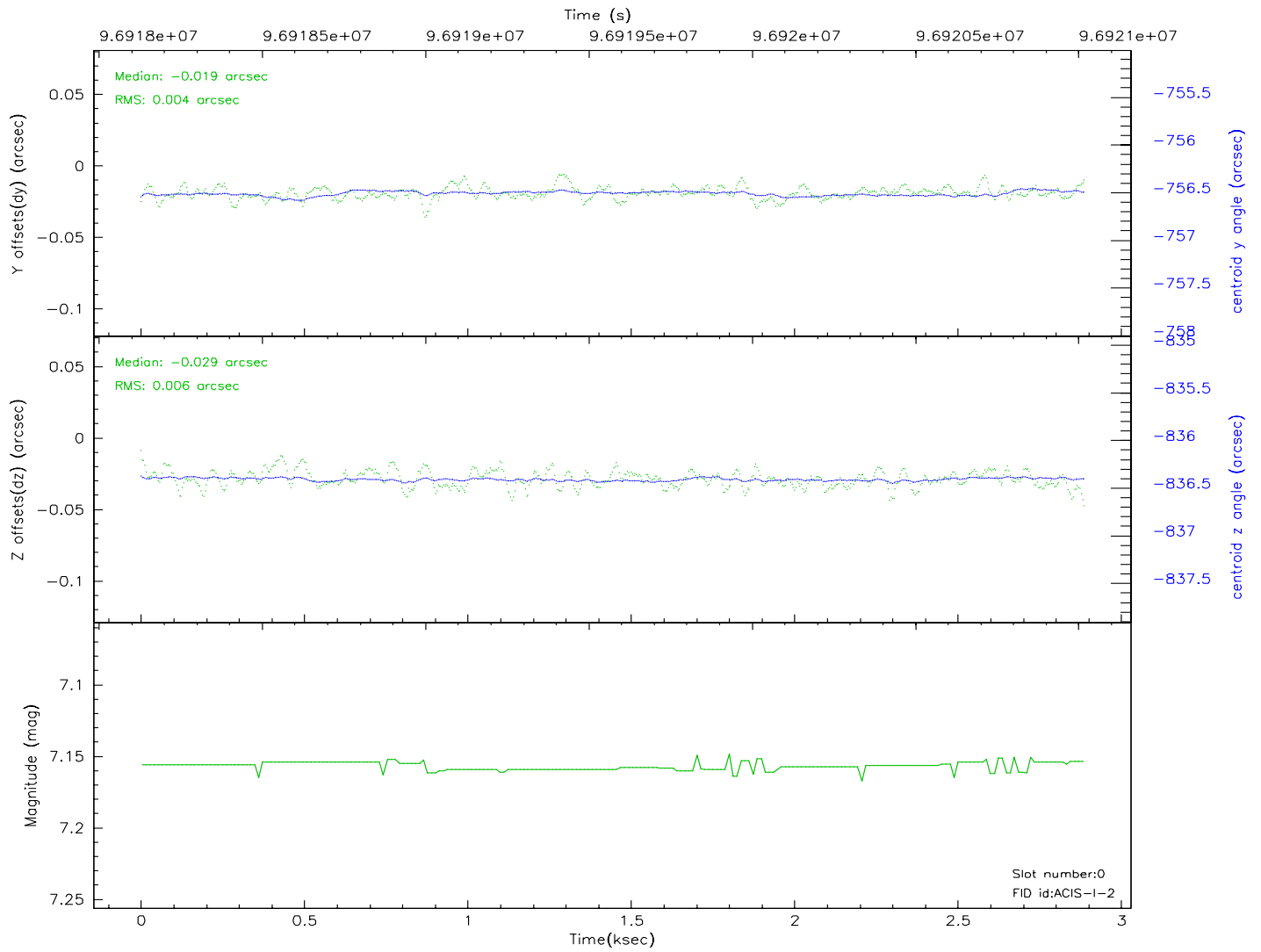
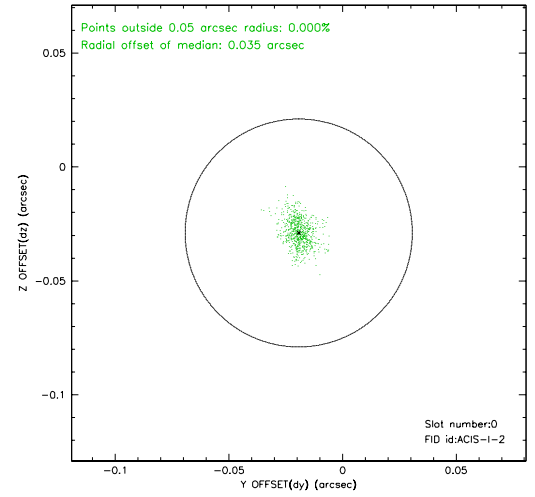
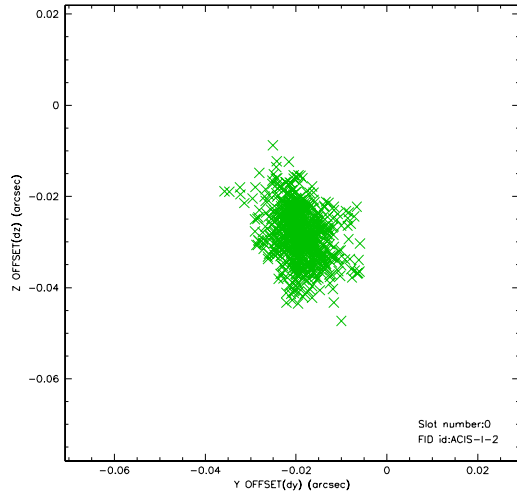


2.4.5 Slot 7

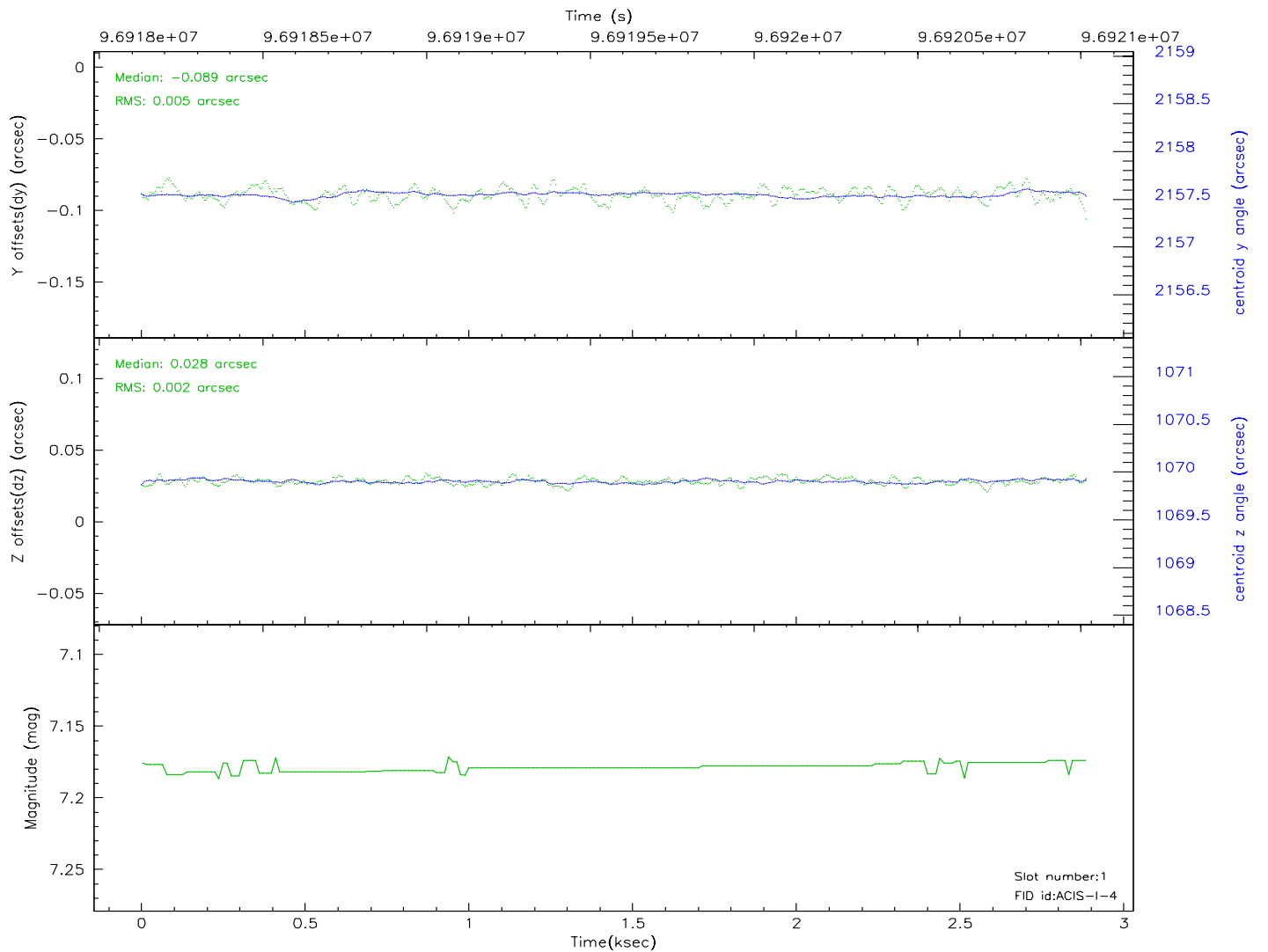
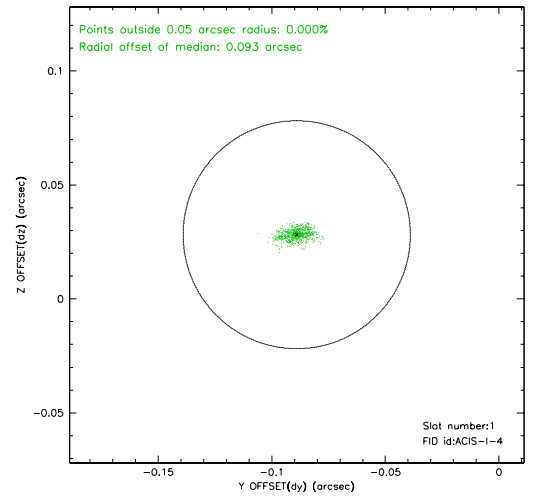
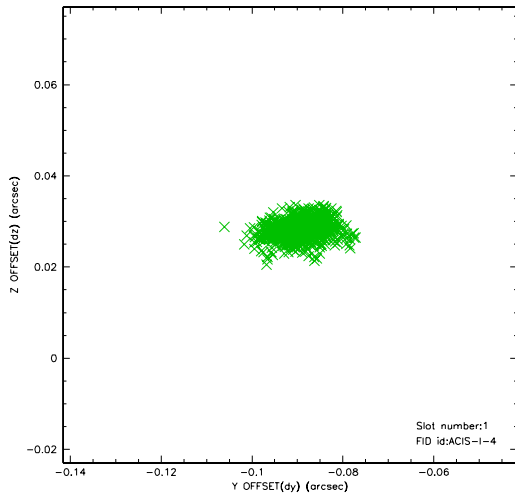


2.5 FID Slots

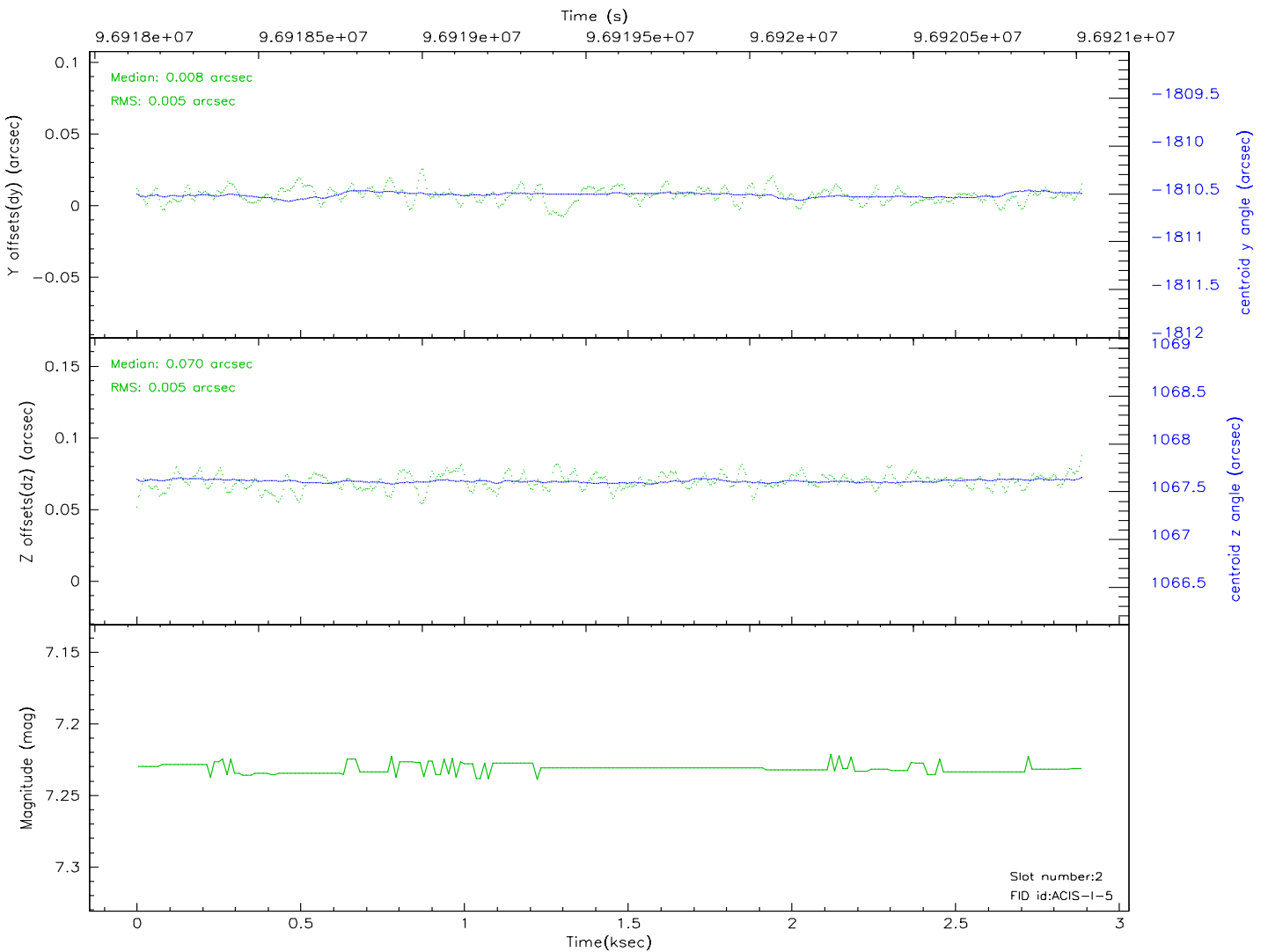
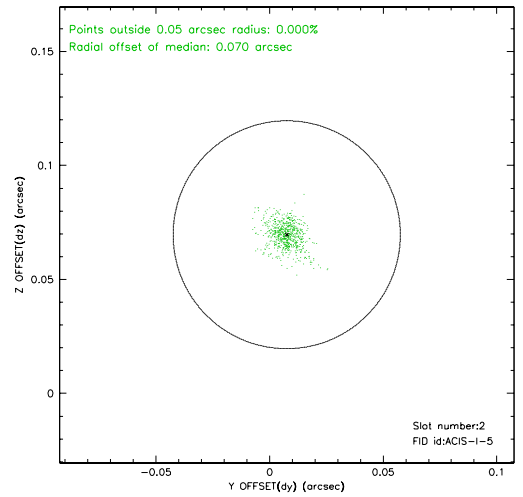
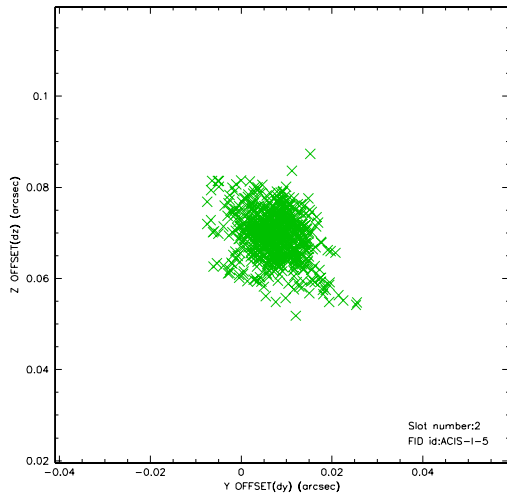
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.11.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.544

A.2 Comments