

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4908 - L2 Version 001
Chandra X-Ray Center

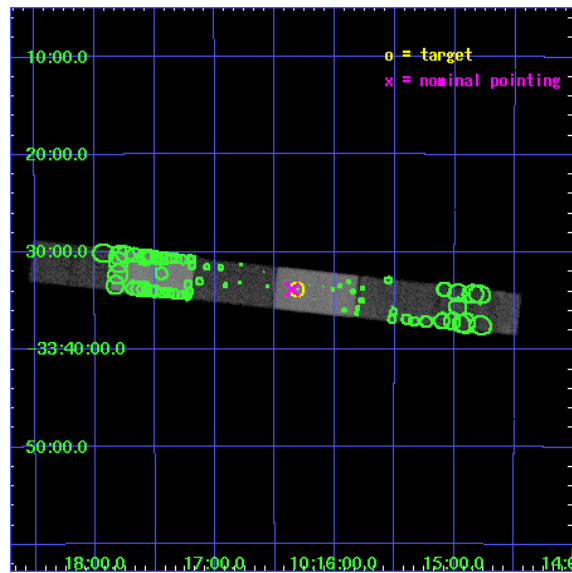
L2 Processing Date : Jun 2 2006

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1 Front

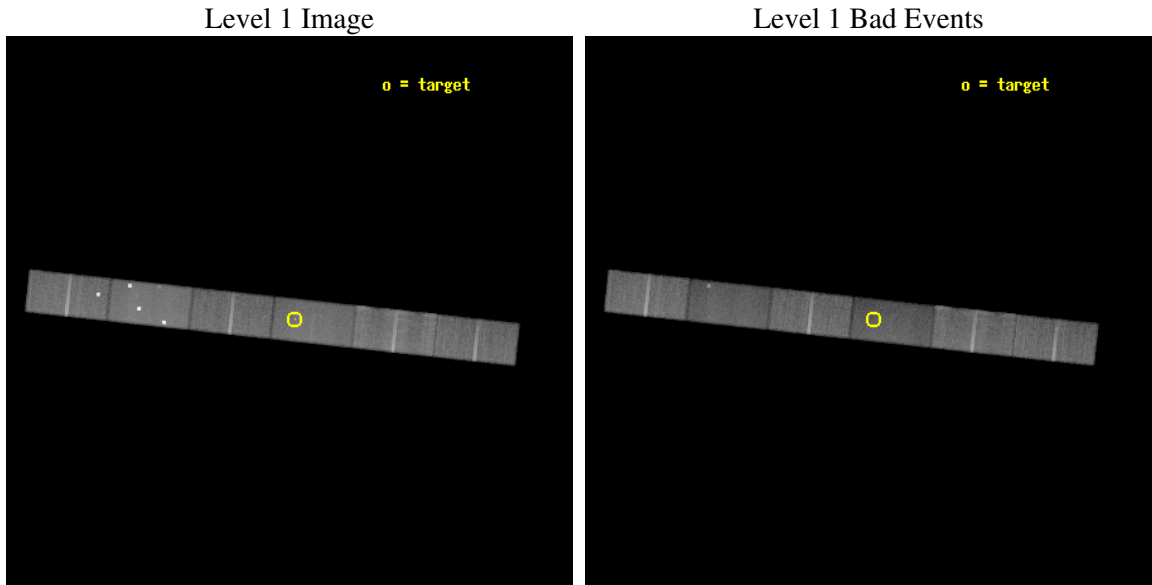
seq_num	700989
obs_id	4908
title	Chandra Study of Water Megamaser AGN: Do Type-2 Objects Form a Heterogeneous Class?
observer	Dr Lincoln Greenhill
object	IC2560
dtcycle	0
cycle	P
ra_targ	154.077917
dec_targ	-33.563889
ra_nom	154.08946386757
dec_nom	-33.564549846079
roll_nom	6.1671527097822
revision	2
ontime	55675.800368726
livetime	54434.689449283
ontime4	55675.800368726
ontime5	55675.800368726
ontime6	55675.800368726
ontime7	55675.800368726
ontime8	55673.959348619
ontime9	55664.754158556
l2events	229835



2 OBI

2.1 OBI

2.1.1 Images

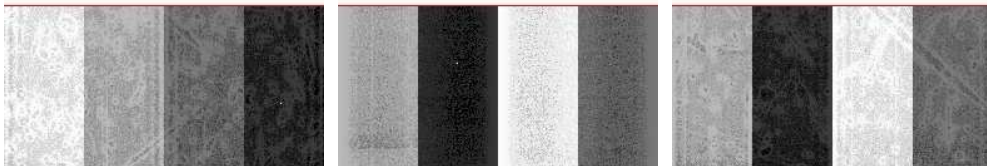


2.1.2 Bias

Chip 4

Chip 5

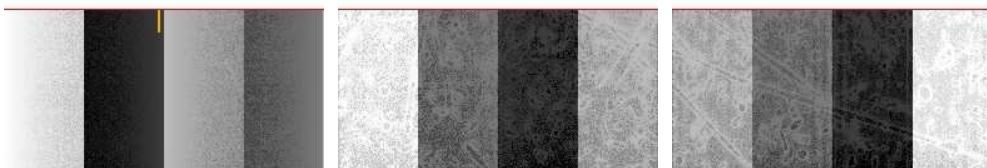
Chip 6



Chip 7

Chip 8

Chip 9



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.2
date	2006-06-02T13:47:01
revision	2

sched_exp_time	55500.000000
ontime	57338.681008667
ontime4	57338.681008667
ontime5	57338.681008667
ontime6	57338.681008667
ontime7	57338.681008667
ontime8	57336.839988559
ontime9	57327.634798497
l1events	1220078

2.1.4 Events

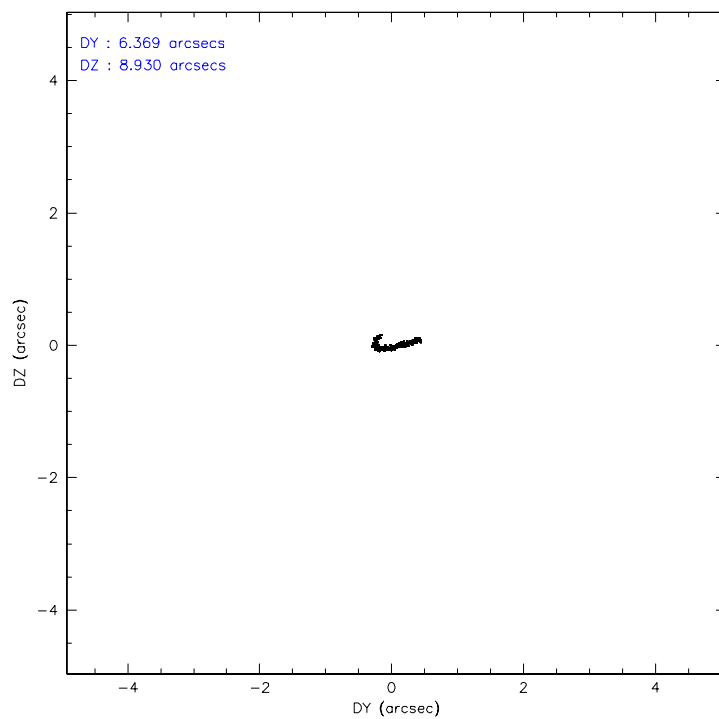
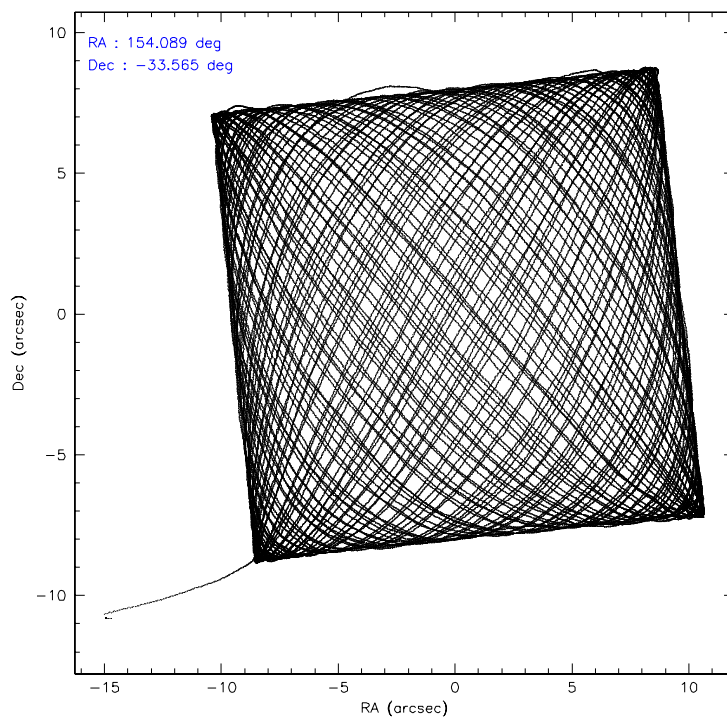
	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	208489	271616	172848	180739	216333	170053
rejected events	177976	118498	155682	103116	172630	151482
rejected %	85%	43%	90%	57%	79%	89%

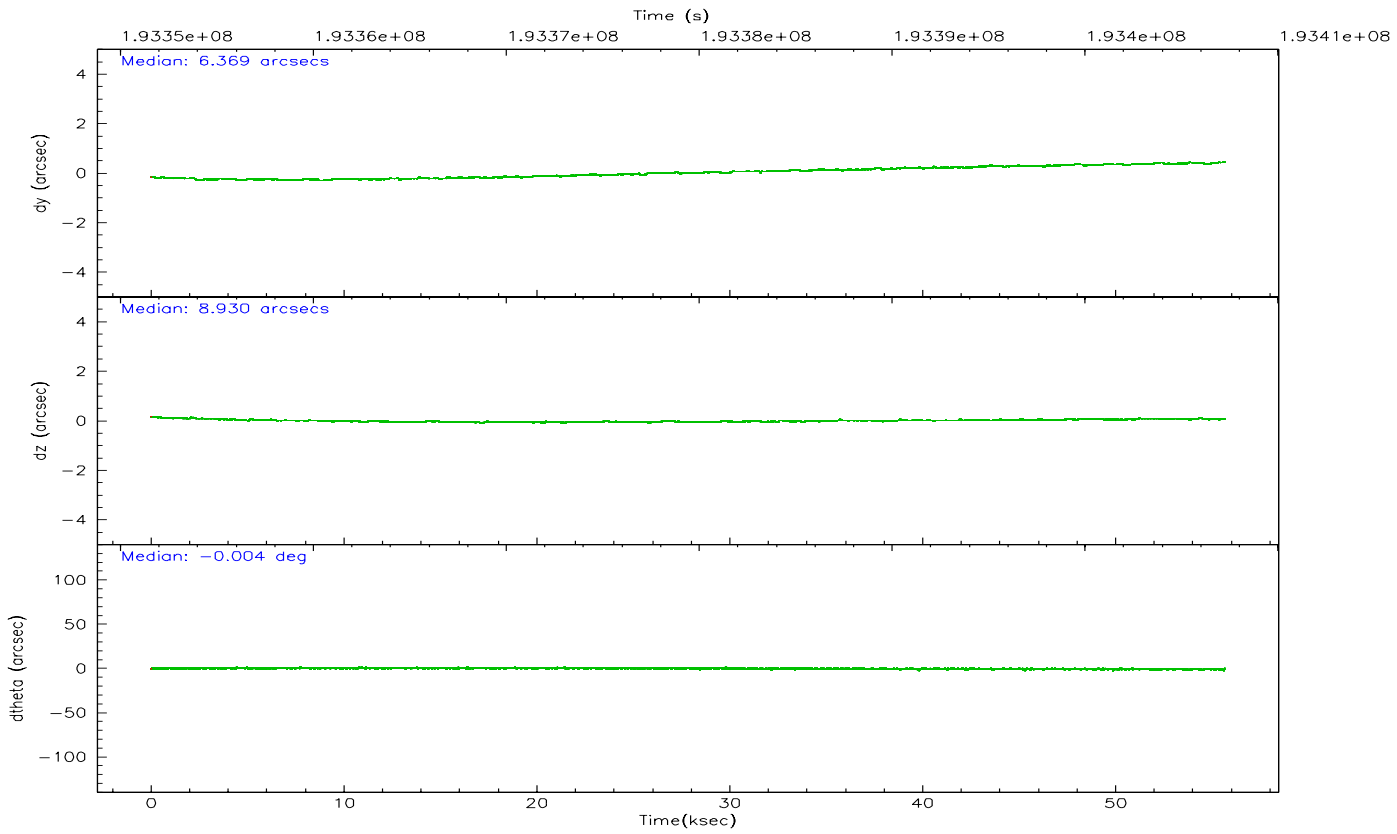
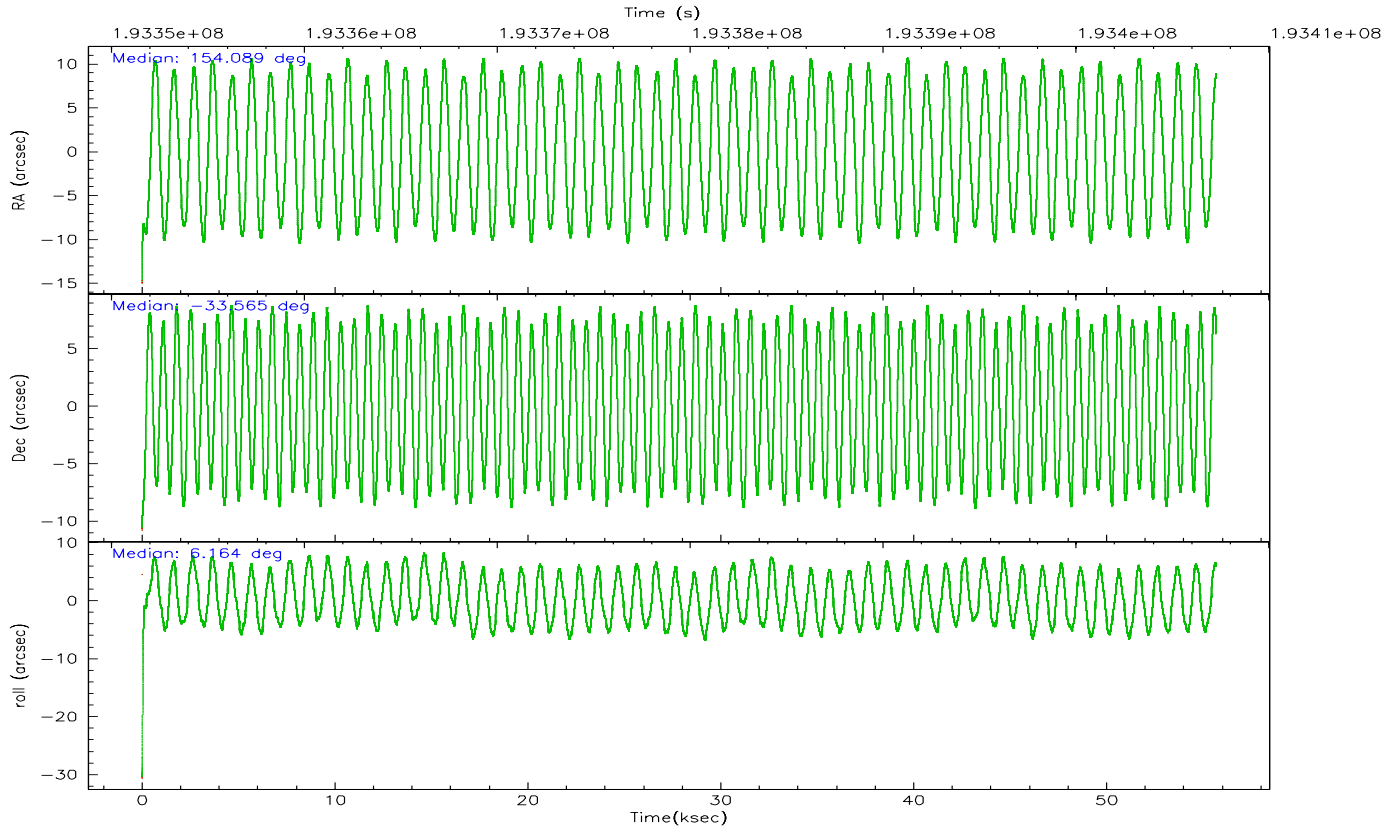
	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	19621	56017	5832	5698	13152	6910
	9%	20%	3%	3%	6%	4%
grade 1 events	164	1356	71	110	130	89
	0%	0%	0%	0%	0%	0%
grade 2 events	4091	39225	3523	19818	9989	3690
	1%	14%	2%	10%	4%	2%
grade 3 events	2413	2992	2462	5770	4917	2602
	1%	1%	1%	3%	2%	1%
grade 4 events	2289	2802	2285	5578	4729	2342
	1%	1%	1%	3%	2%	1%
grade 5 events	6114	11839	6266	14615	9044	6906
	2%	4%	3%	8%	4%	4%
grade 6 events	3112	57129	3564	43045	12261	3530
	1%	21%	2%	23%	5%	2%
grade 7 events	170685	100256	148845	86105	162111	143984
	81%	36%	86%	47%	74%	84%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	1/2	1/2
Pointing RA	154.063377	154.0894638675668	Subarray start row	0	257
Pointing Dec	-33.580920	-33.5645498460788	Subarray row count	1024	512
Pointing Roll	5.996109	6.167152709782231	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	1.8
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	193351764.184000	193349927.02458			
Observation start date	2004-02-16T20:48:20	2004-02-16T20:18:47			
Observation end time	193407264.184000	193408860.93966			
Observation end date	2004-02-17T12:13:20	2004-02-17T12:41:00			
Read mode	TIMED	TIMED			

2.3 Aspect



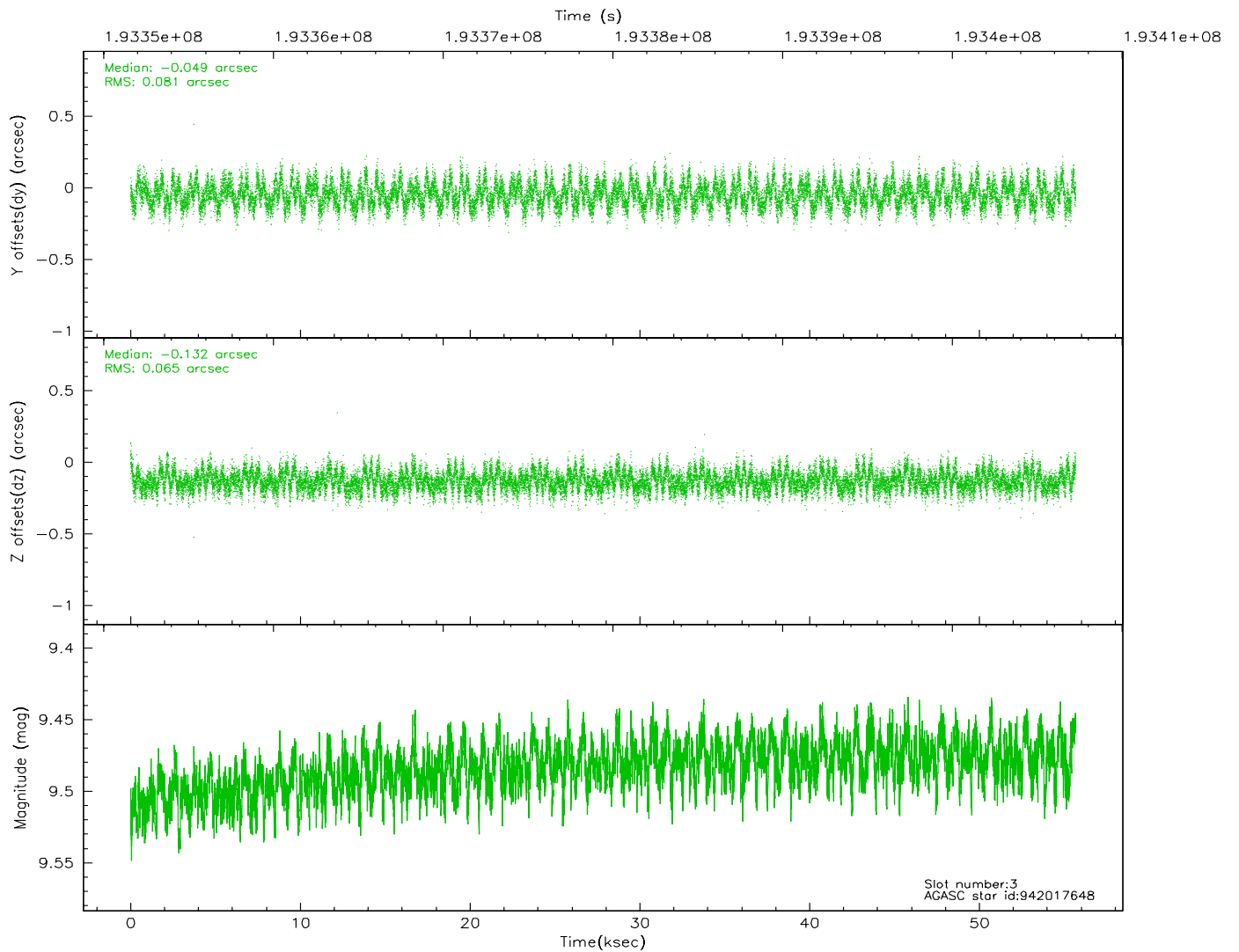
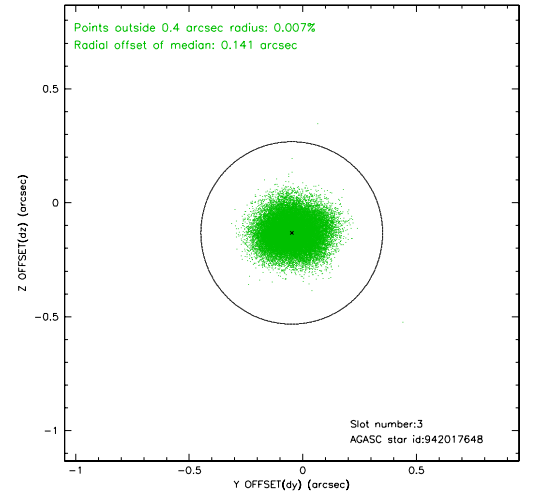
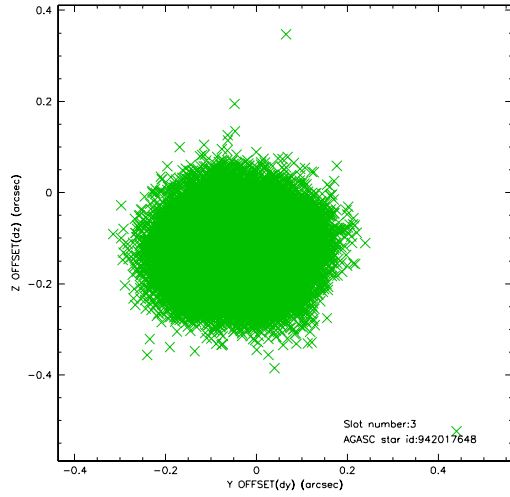


Slot Statistics

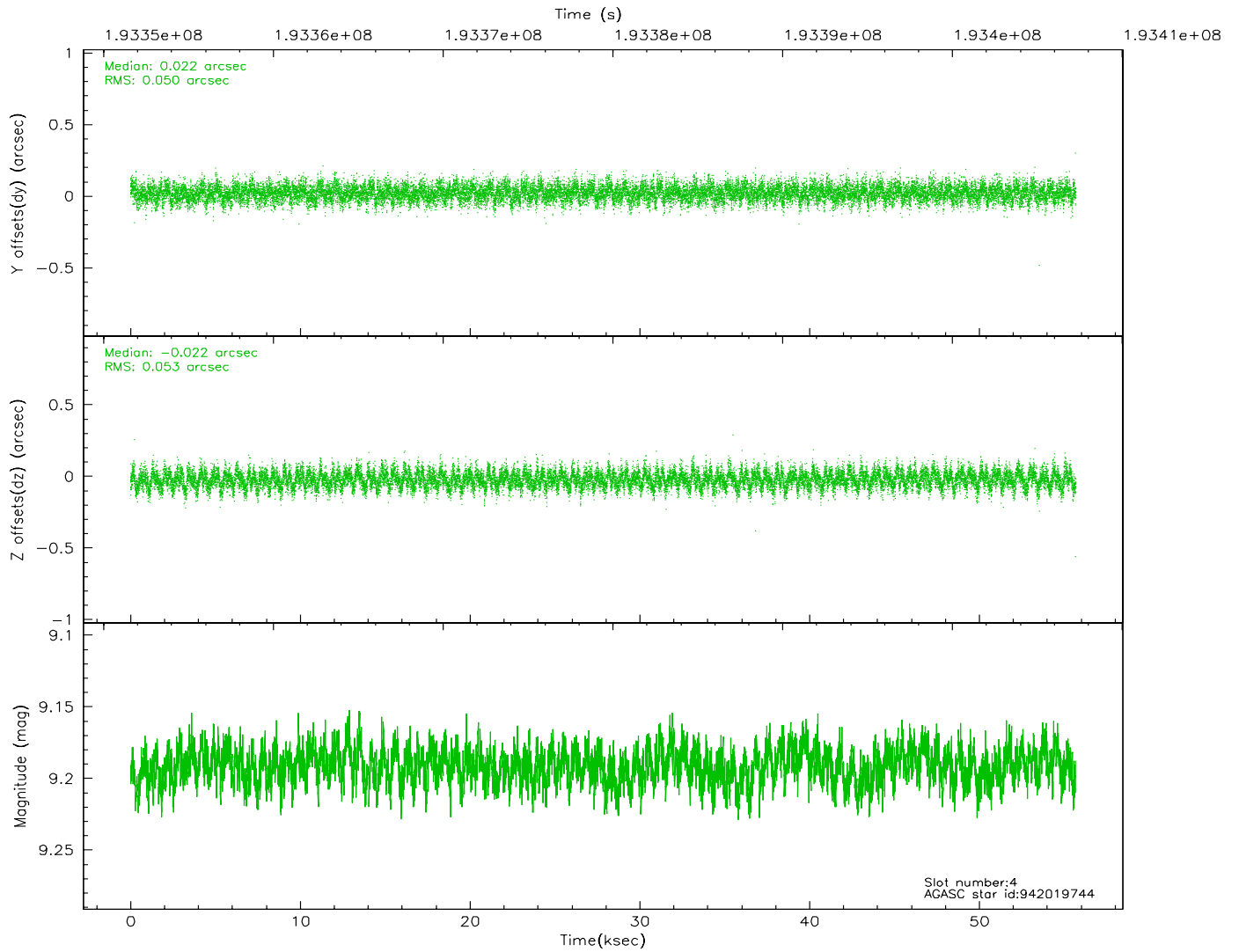
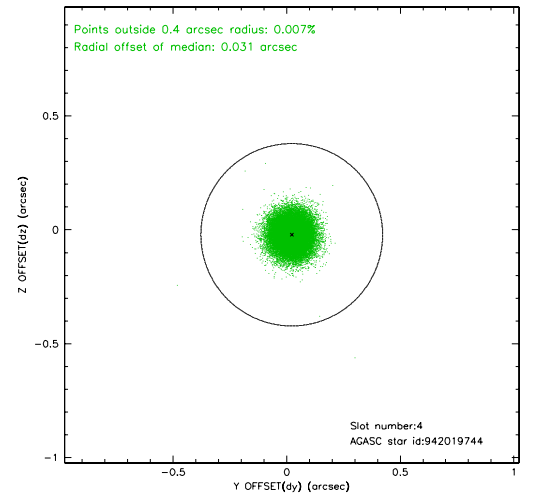
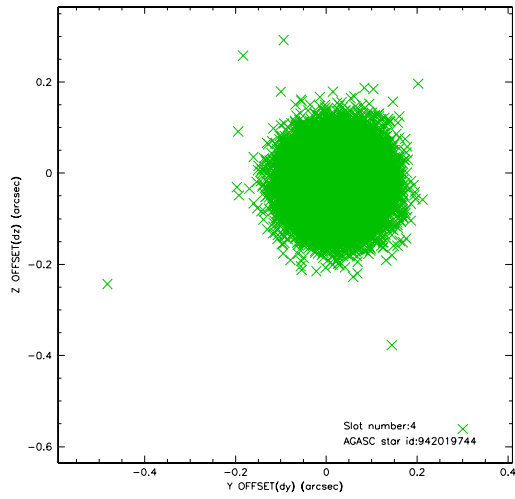
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	13581	-0.034	-0.022	0.008	0.012	0.000000	0.000000	-759.17	-1730.18
1	FID	ACIS-S-4	7.20	13581	0.038	0.022	0.006	0.010	0.000000	0.000000	2154.20	178.38
2	FID	ACIS-S-5	7.23	13581	-0.036	0.009	0.007	0.011	0.000000	0.000000	-1812.05	172.01
3	GUIDE	942017648	9.48	27144	-0.049	-0.132	0.113	0.175	154.614926	-33.275707	1765.49	915.06
4	GUIDE	942019744	9.19	27146	0.022	-0.022	0.078	0.125	154.719562	-33.245703	2090.51	987.93
5	GUIDE	942023256	8.90	27147	-0.033	0.057	0.101	0.163	154.727246	-32.973248	2222.19	1960.24
6	GUIDE	942547864	9.77	27132	-0.006	0.048	0.125	0.206	153.769402	-33.915261	-998.86	-1106.39
7	GUIDE	942546432	9.53	27143	0.065	0.064	0.128	0.217	153.883253	-34.250414	-784.53	-2341.37

2.4 Star Slots

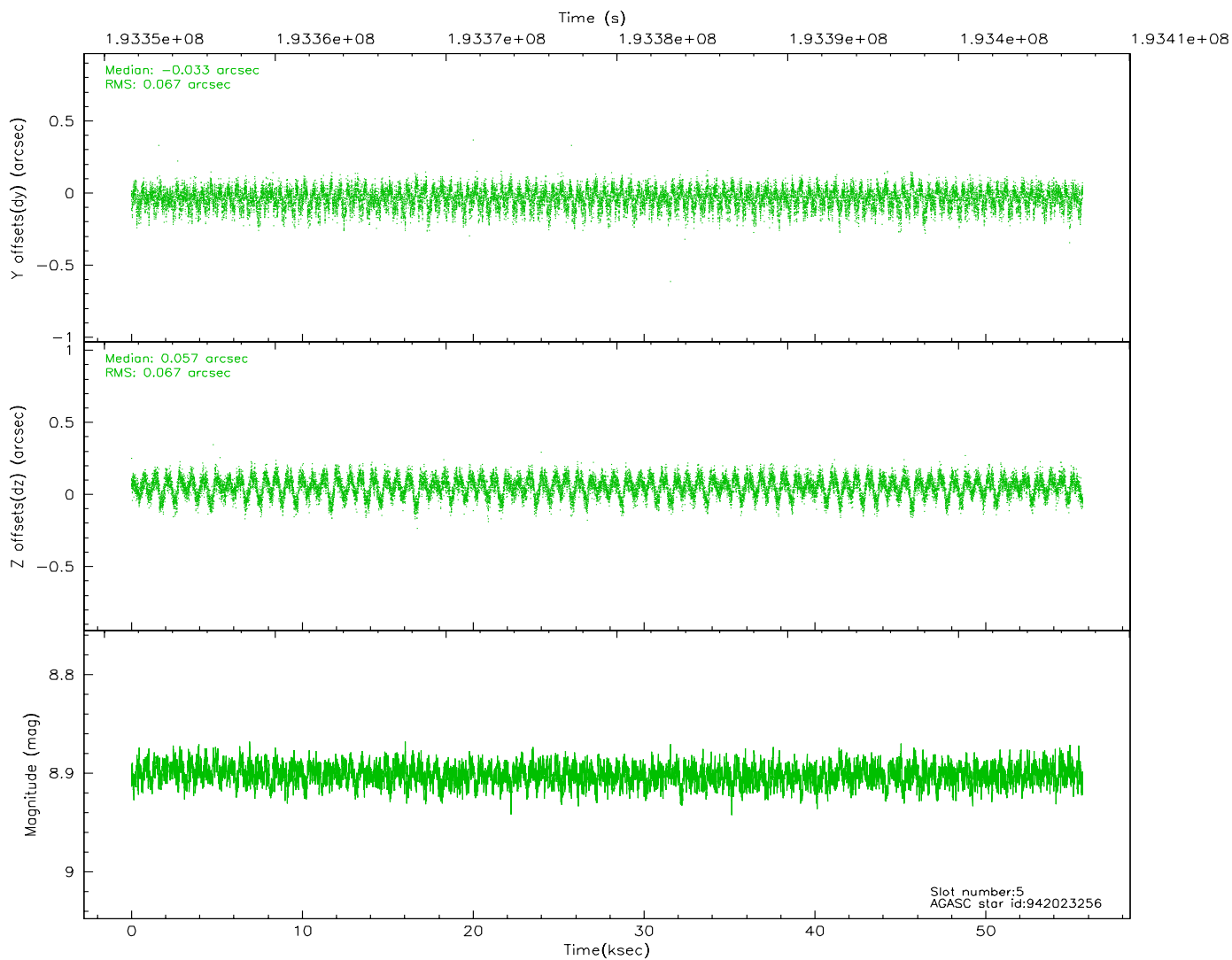
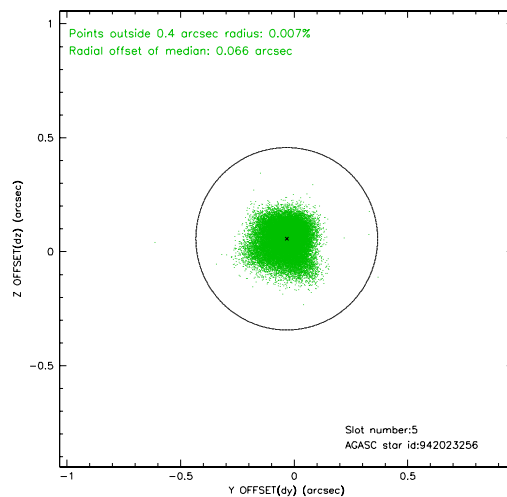
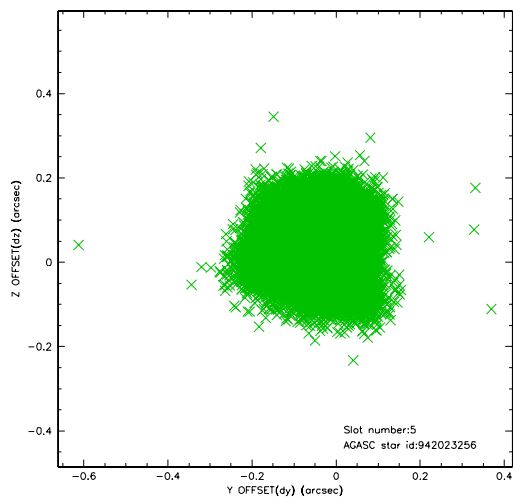
2.4.1 Slot 3



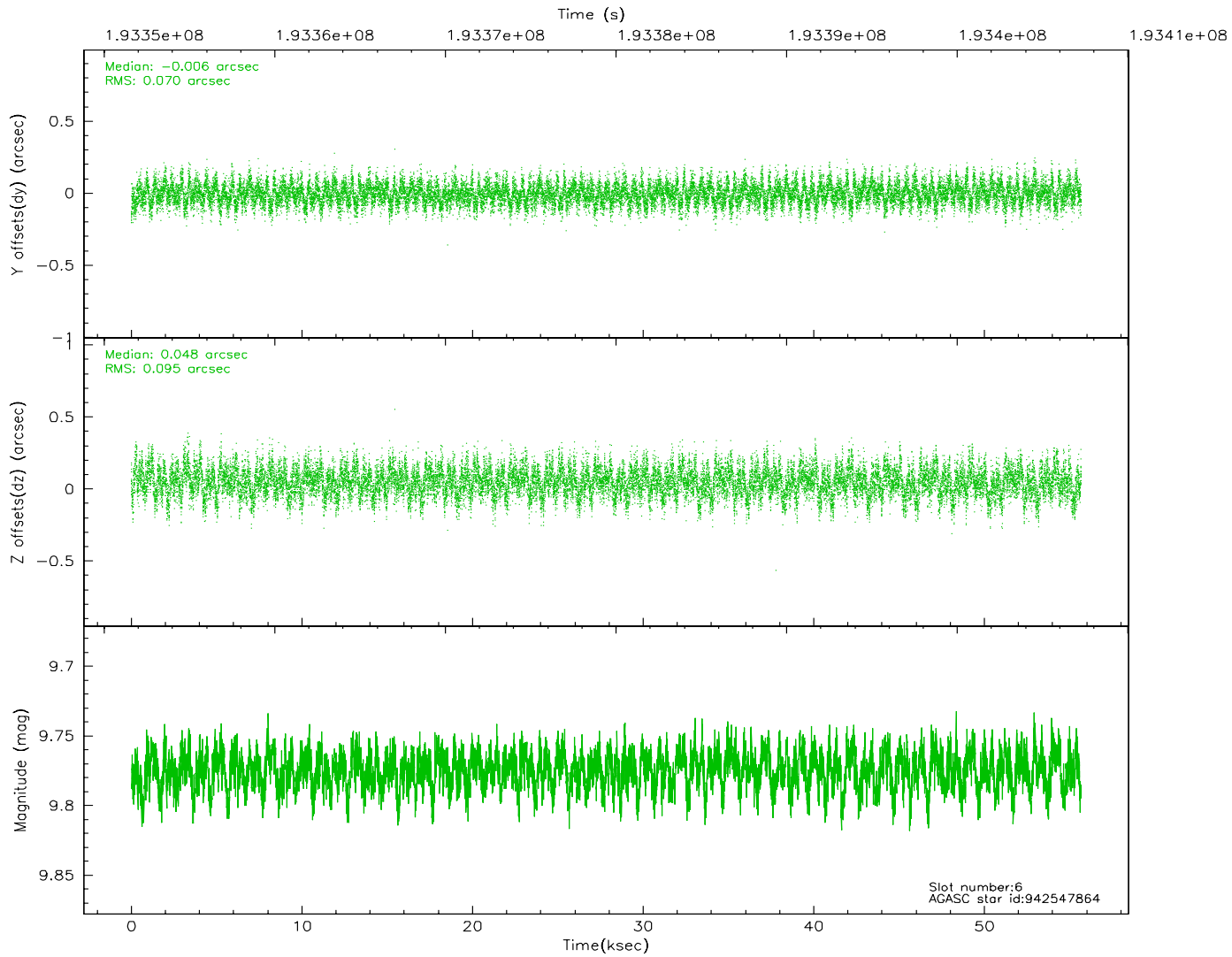
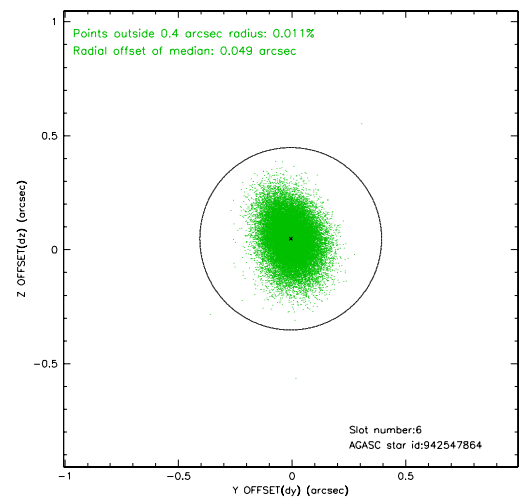
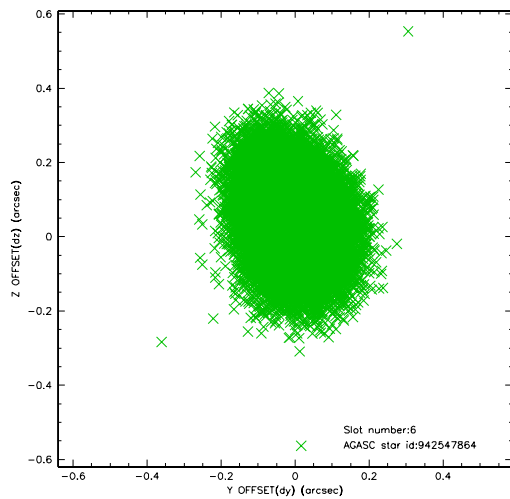
2.4.2 Slot 4



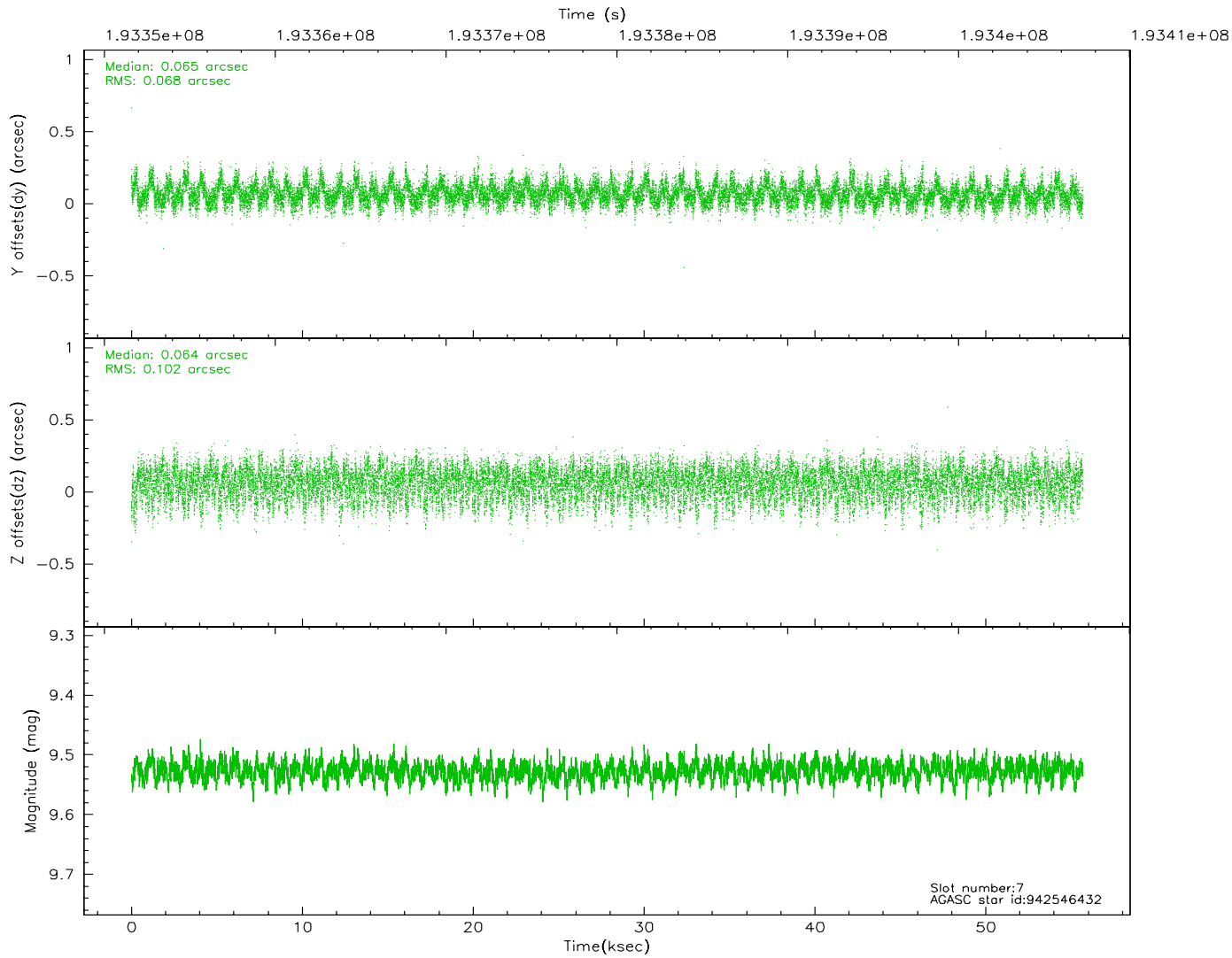
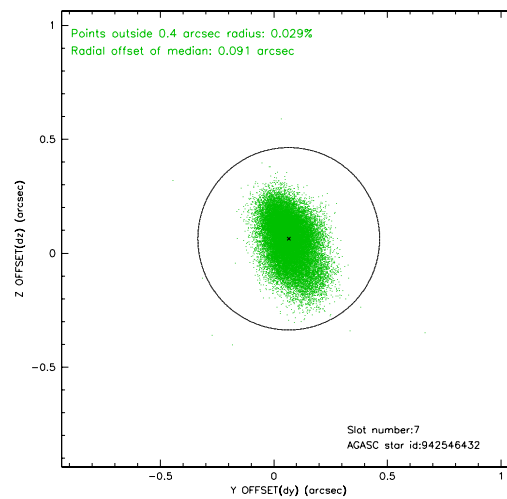
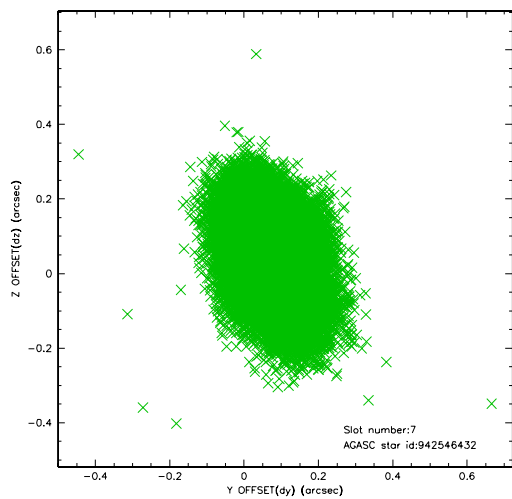
2.4.3 Slot 5



2.4.4 Slot 6

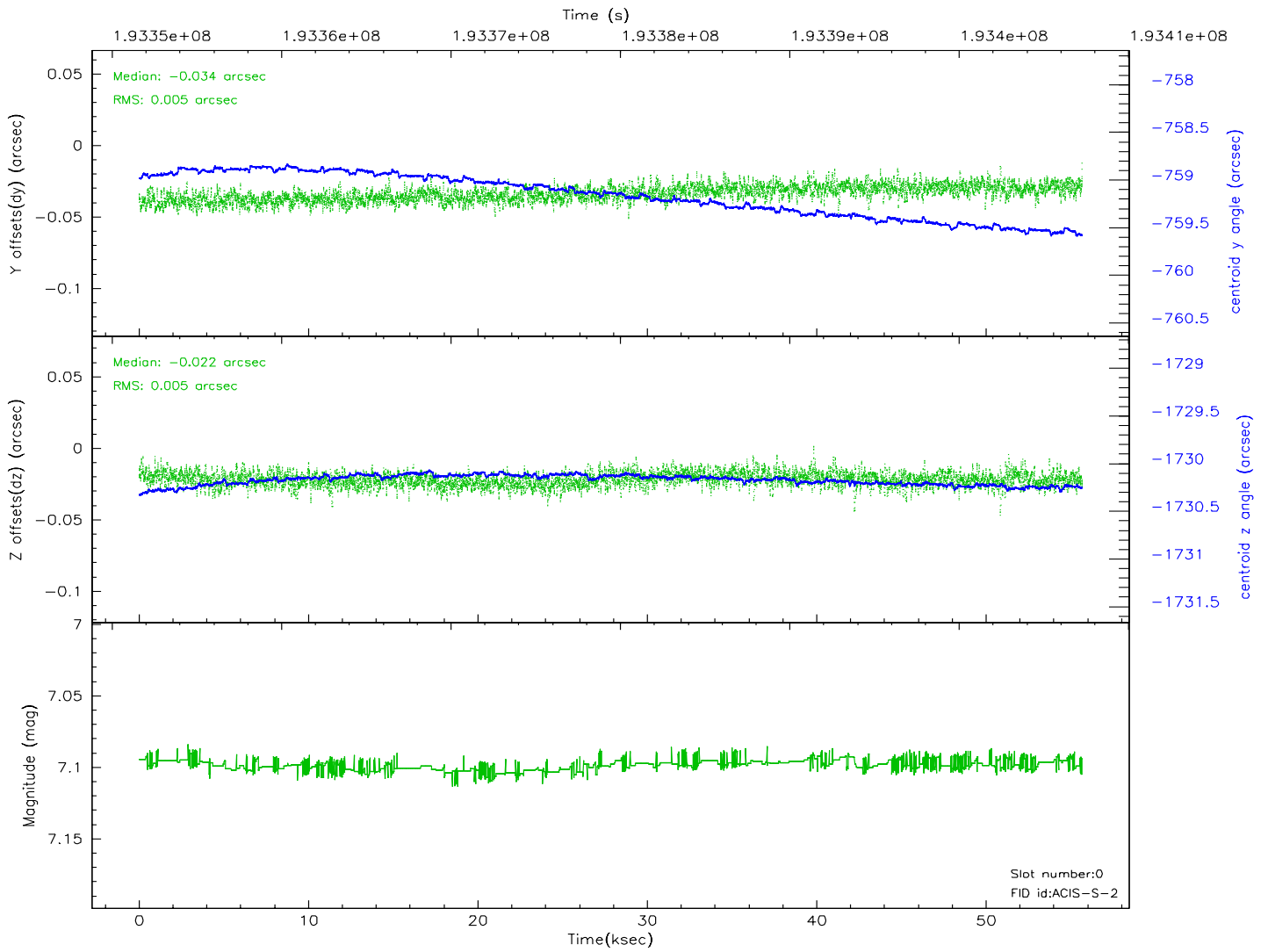
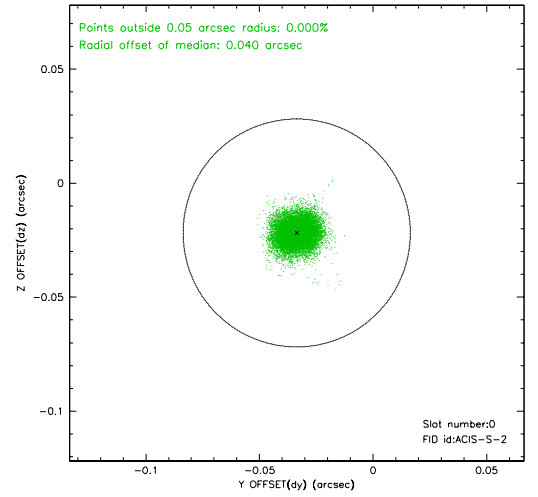
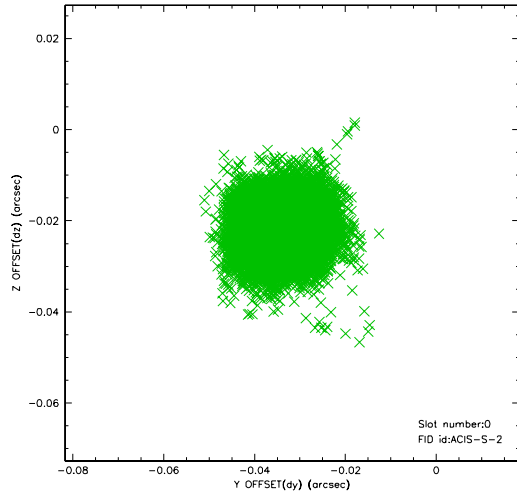


2.4.5 Slot 7

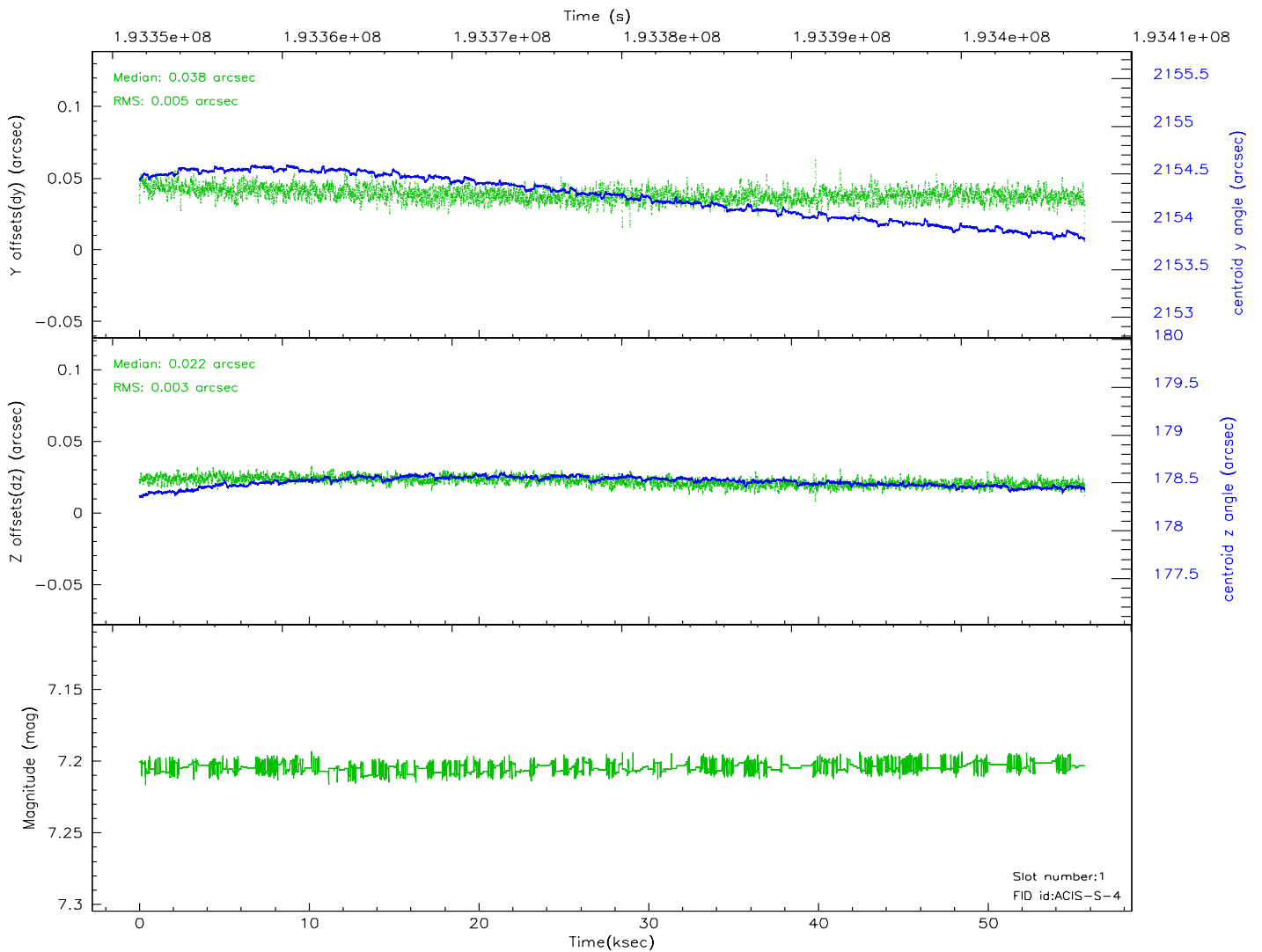
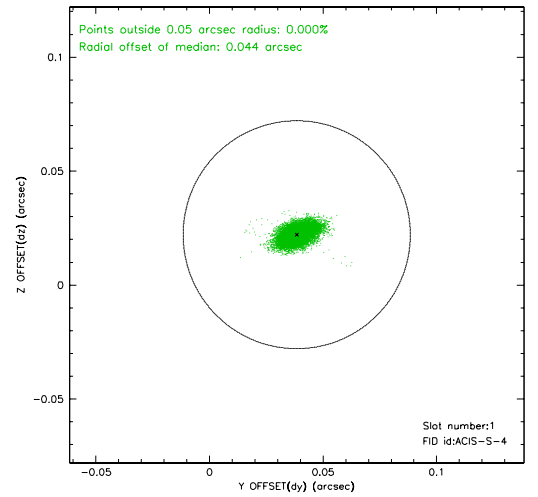
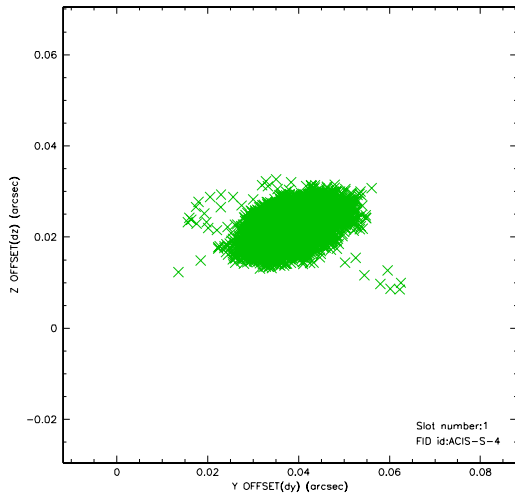


2.5 FID Slots

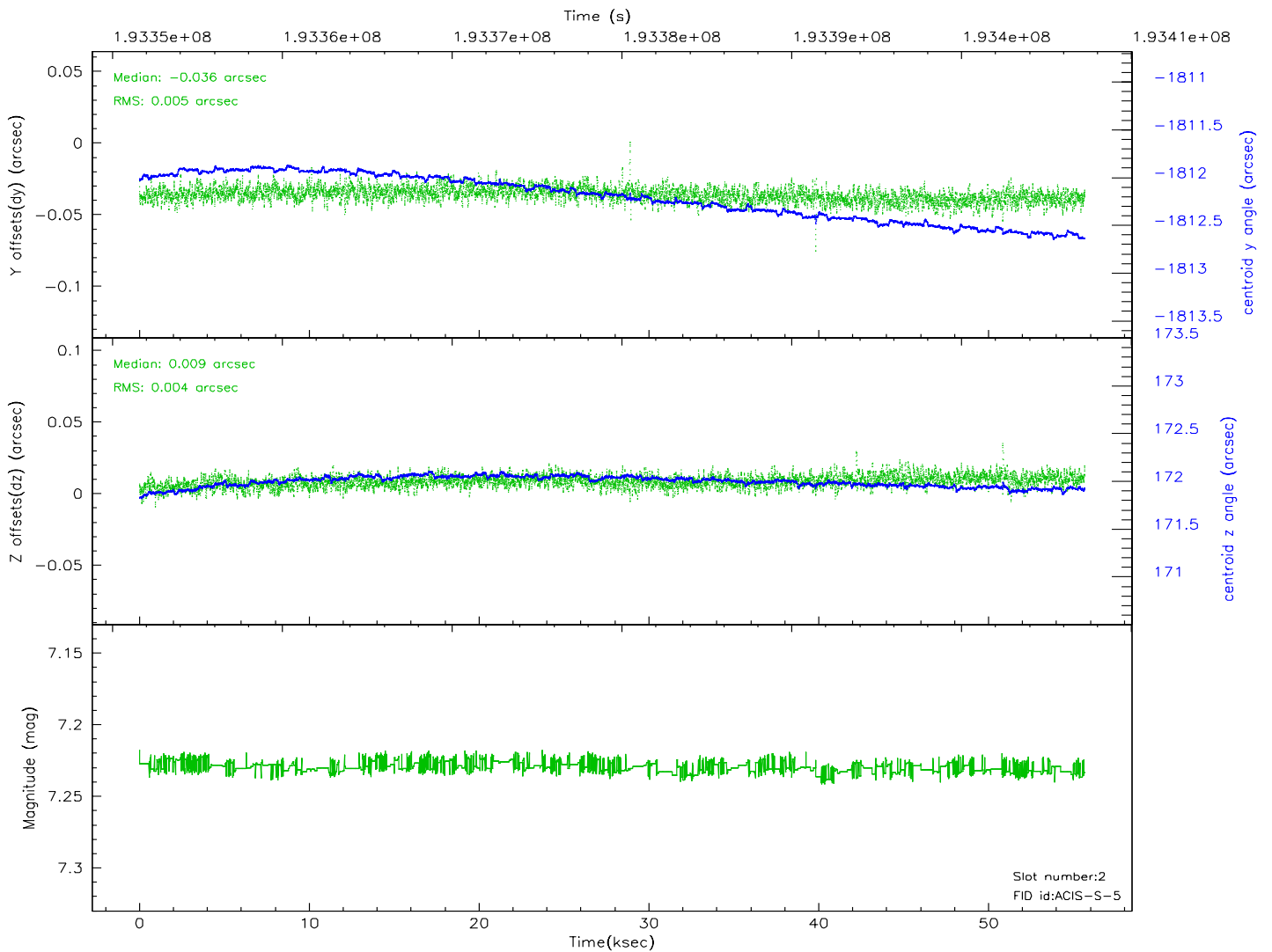
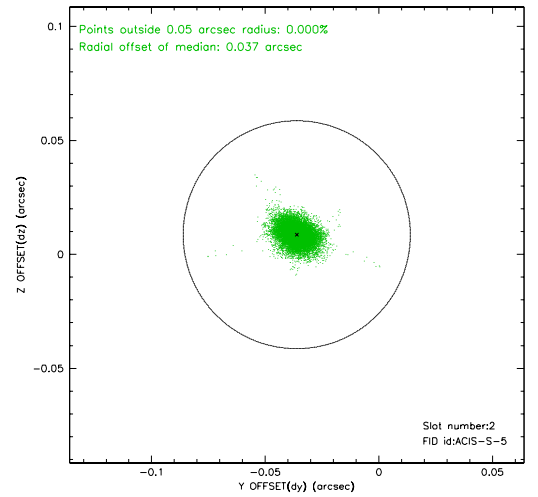
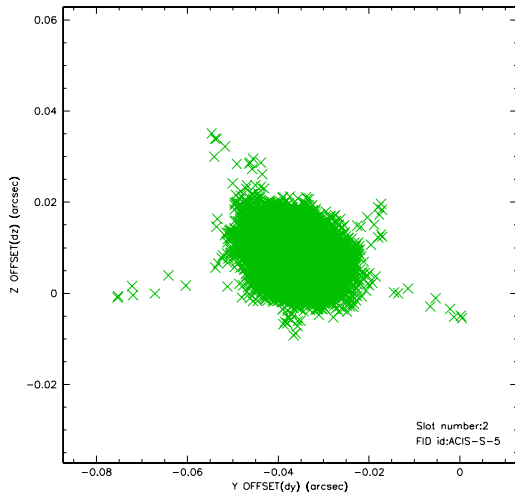
2.5.1 Slot 0



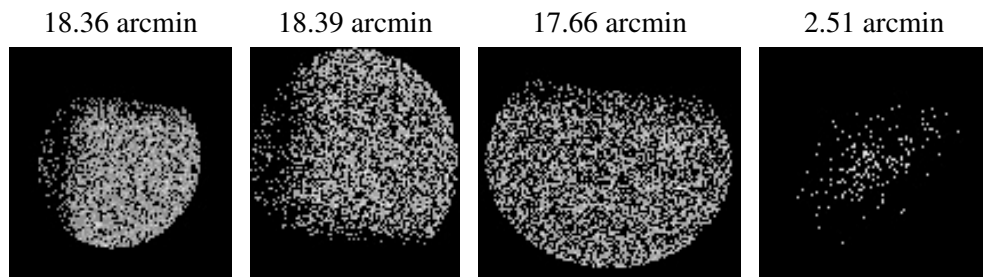
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.06.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	55.675

A.2 Comments