

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5702 - L2 Version 002
Chandra X-Ray Center

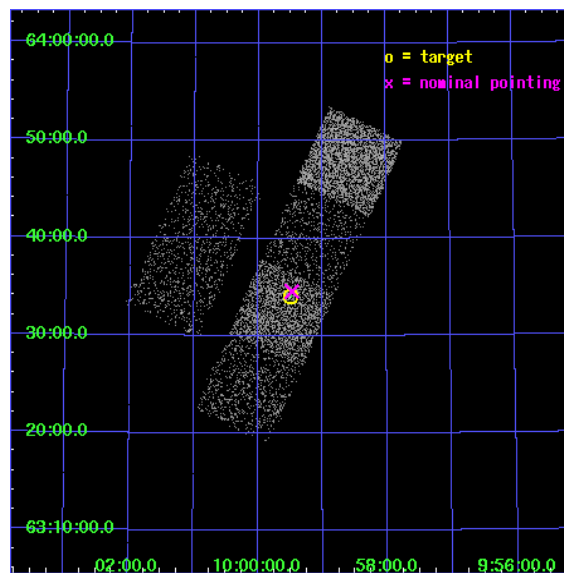
L2 Processing Date : Apr 7 2006

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1 Front

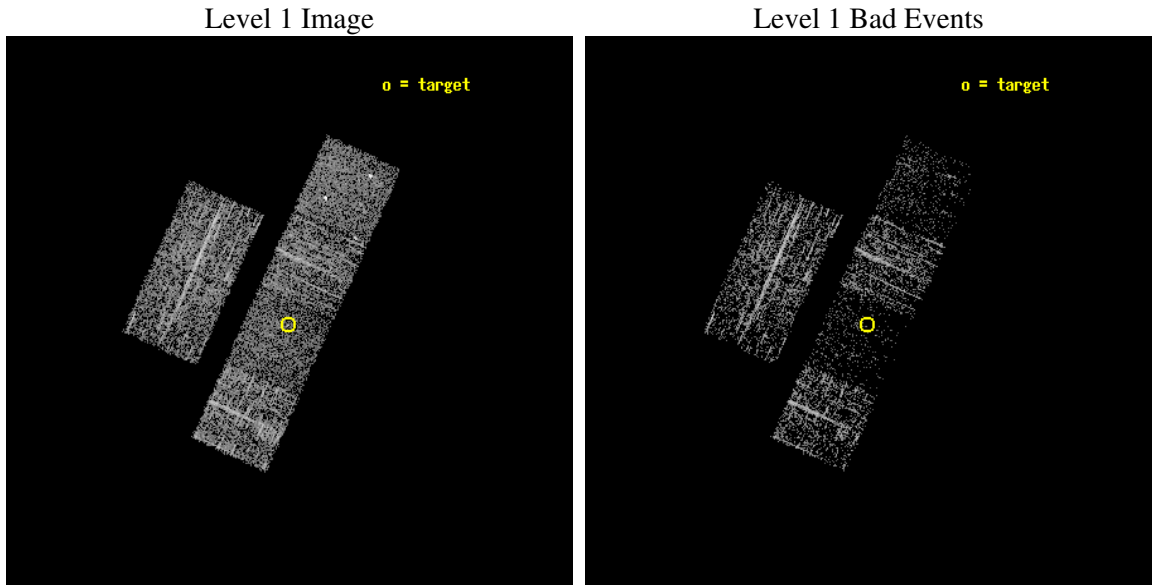
seq_num	701124
obs_id	5702
title	A Uniform Chandra Survey of the Brightest and Most Extreme SDSS BALQSOs
observer	Dr. Scott Anderson
object	SDSS J095929.89+633359.9
dtcycle	0
cycle	P
ra_targ	149.874583
dec_targ	63.566639
ra_nom	149.86900835916
dec_nom	63.576049699887
roll_nom	114.29999375361
revision	2
ontime	1545.5999942422
livetime	1526.0286764665
ontime2	1545.5999942422
ontime3	1545.5999942422
ontime5	1545.5999942422
ontime6	1545.5999942422
ontime7	1545.5999942422
ontime8	1545.5999942422
l2events	9544



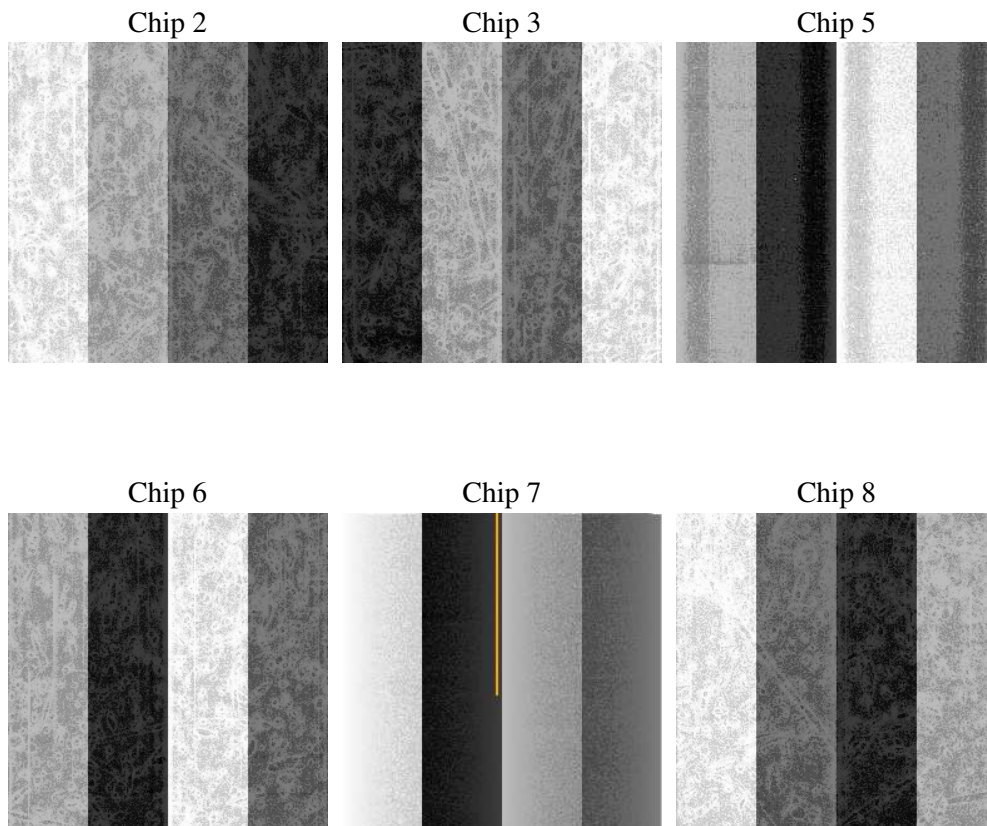
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-04-07T14:51:01
revision	2

sched_exp_time	1500.000000
ontime	1552.4440701008
ontime2	1552.4440701008
ontime3	1552.4440701008
ontime5	1552.4440701008
ontime6	1552.4440701008
ontime7	1552.4440701008
ontime8	1552.4440701008
l1events	49061

2.1.4 Events

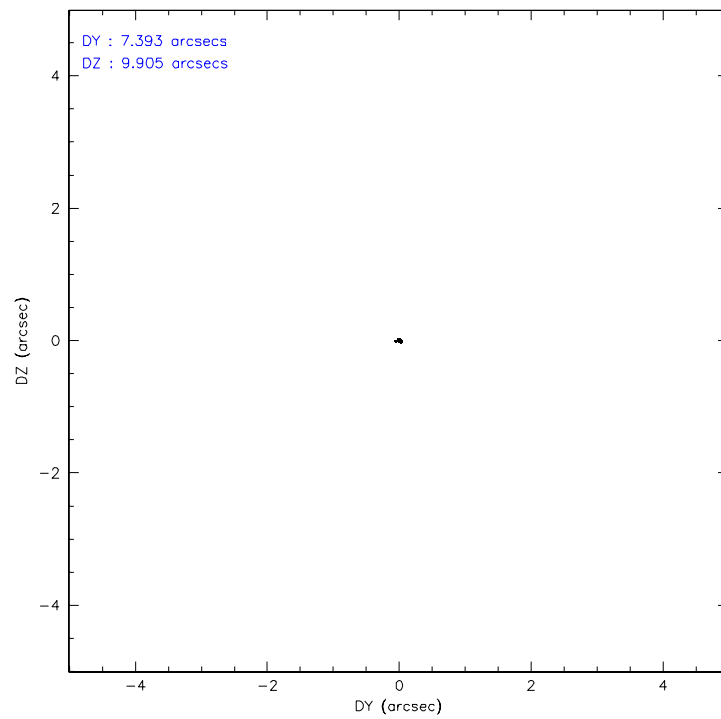
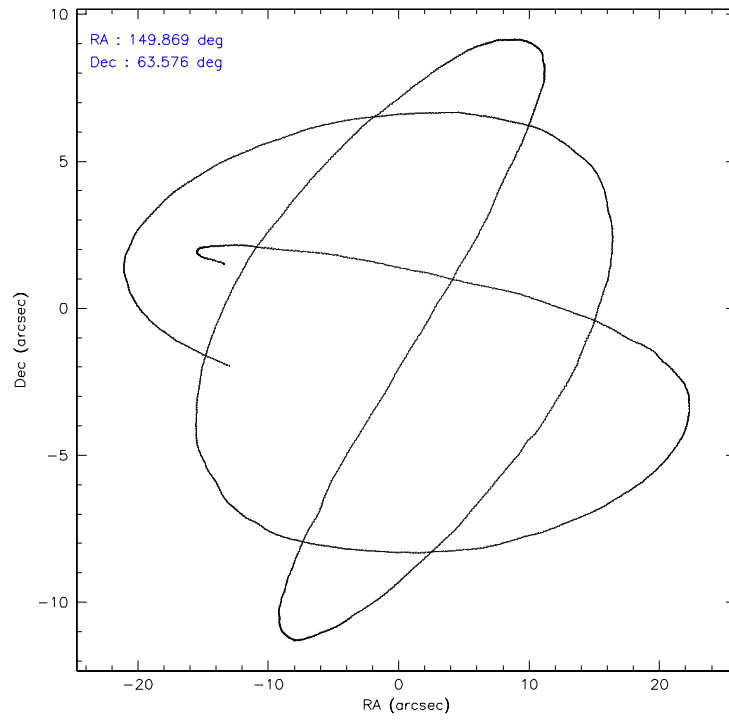
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	9903	7914	7798	8284	4994	10168
rejected events	9161	7144	2930	7447	2123	7381
rejected %	92%	90%	37%	89%	42%	72%

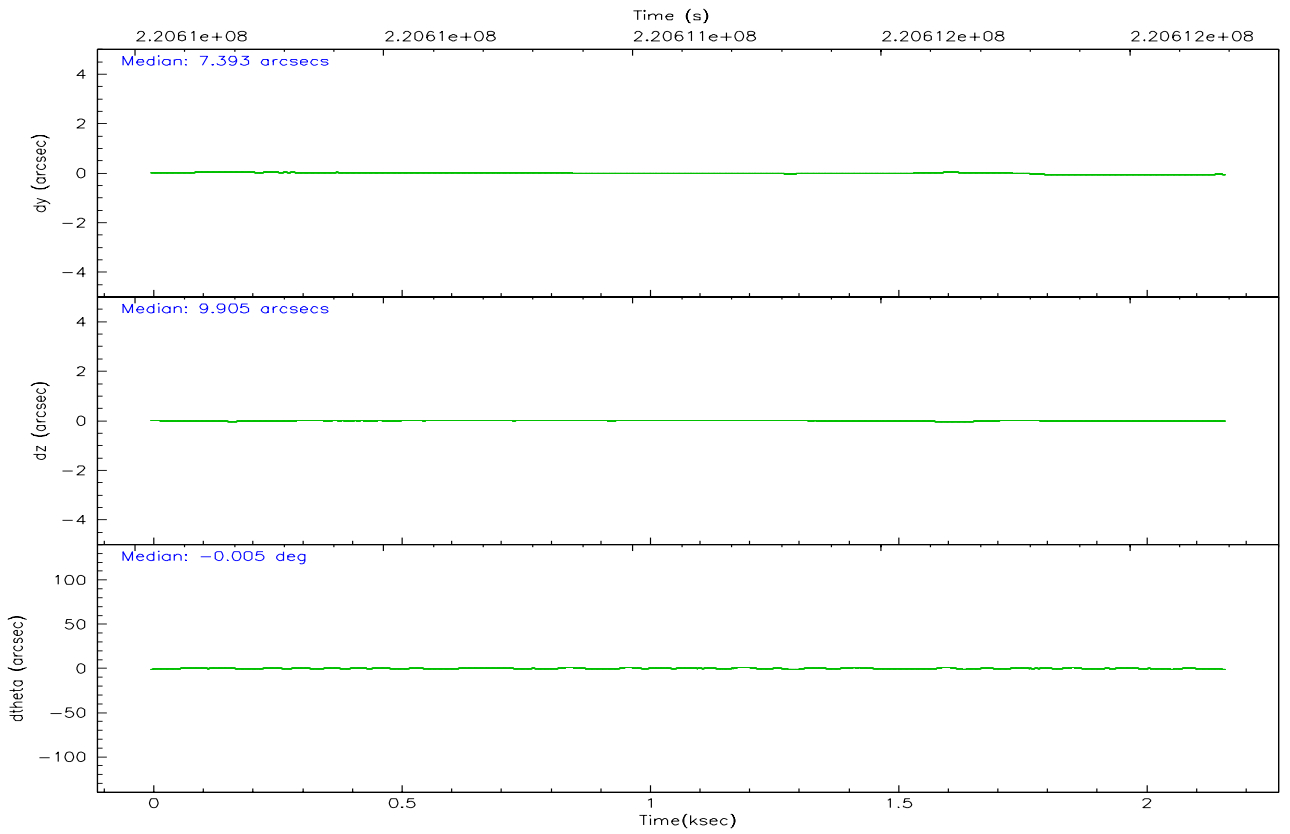
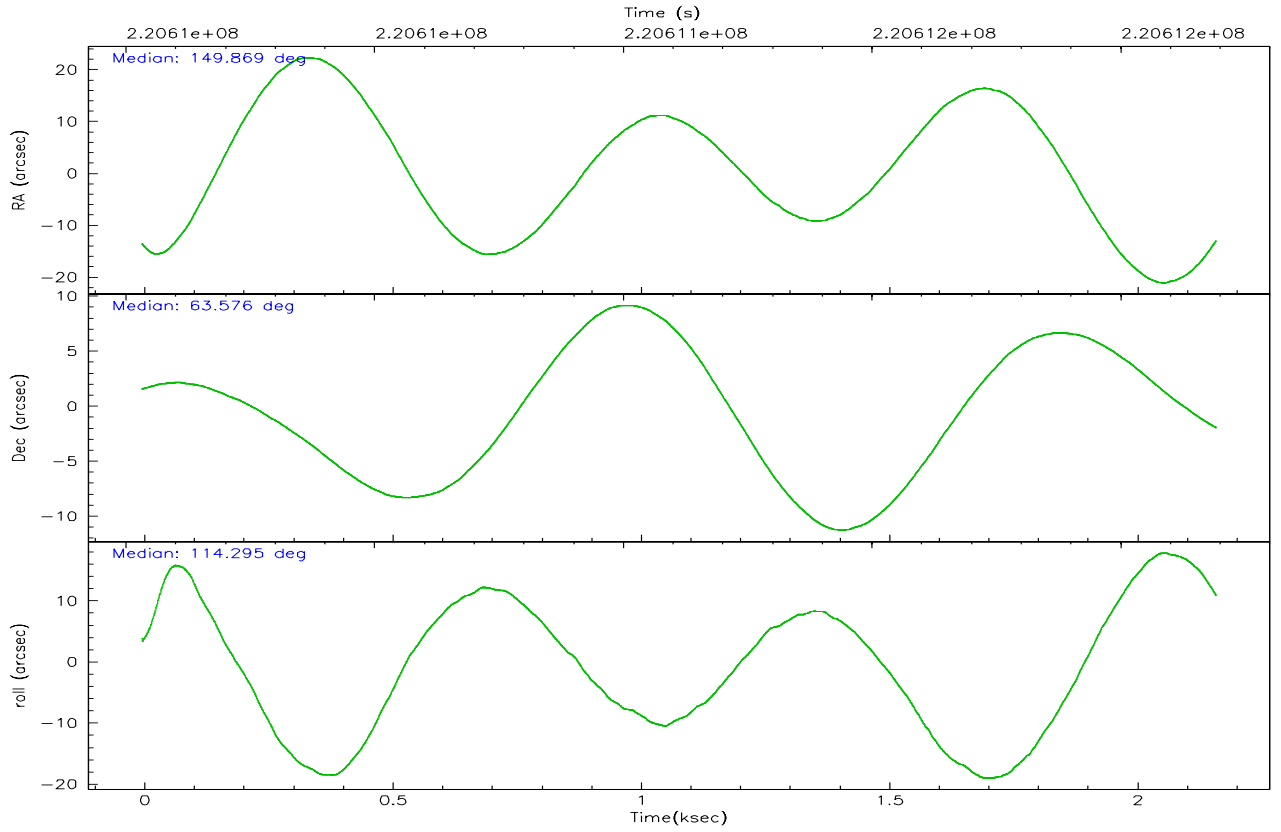
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	315	347	755	380	291	915
	3%	4%	9%	4%	5%	8%
grade 1 events	2	9	45	9	5	8
	0%	0%	0%	0%	0%	0%
grade 2 events	174	153	1606	158	834	564
	1%	1%	20%	1%	16%	5%
grade 3 events	72	83	180	91	196	358
	0%	1%	2%	1%	3%	3%
grade 4 events	86	81	191	86	228	324
	0%	1%	2%	1%	4%	3%
grade 5 events	135	139	427	169	404	230
	1%	1%	5%	2%	8%	2%
grade 6 events	97	109	2159	123	1338	629
	0%	1%	27%	1%	26%	6%
grade 7 events	9022	6993	2435	7268	1698	7140
	91%	88%	31%	87%	34%	70%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	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	NONE	NONE
Pointing RA	149.919406	149.8690083591648	Alternating exposures requested	N	N
Pointing Dec	63.560421	63.57604969988709	Primary exposure time	0.000000	3.2
Pointing Roll	114.098317	114.299993753607			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
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	220610690.184000	220609442.43529			
Observation start date	2004-12-28T08:43:46	2004-12-28T08:24:02			
Observation end time	220612190.184000	220613129.36046			
Observation end date	2004-12-28T09:08:46	2004-12-28T09:25:29			
Read mode	TIMED	TIMED			

2.3 Aspect



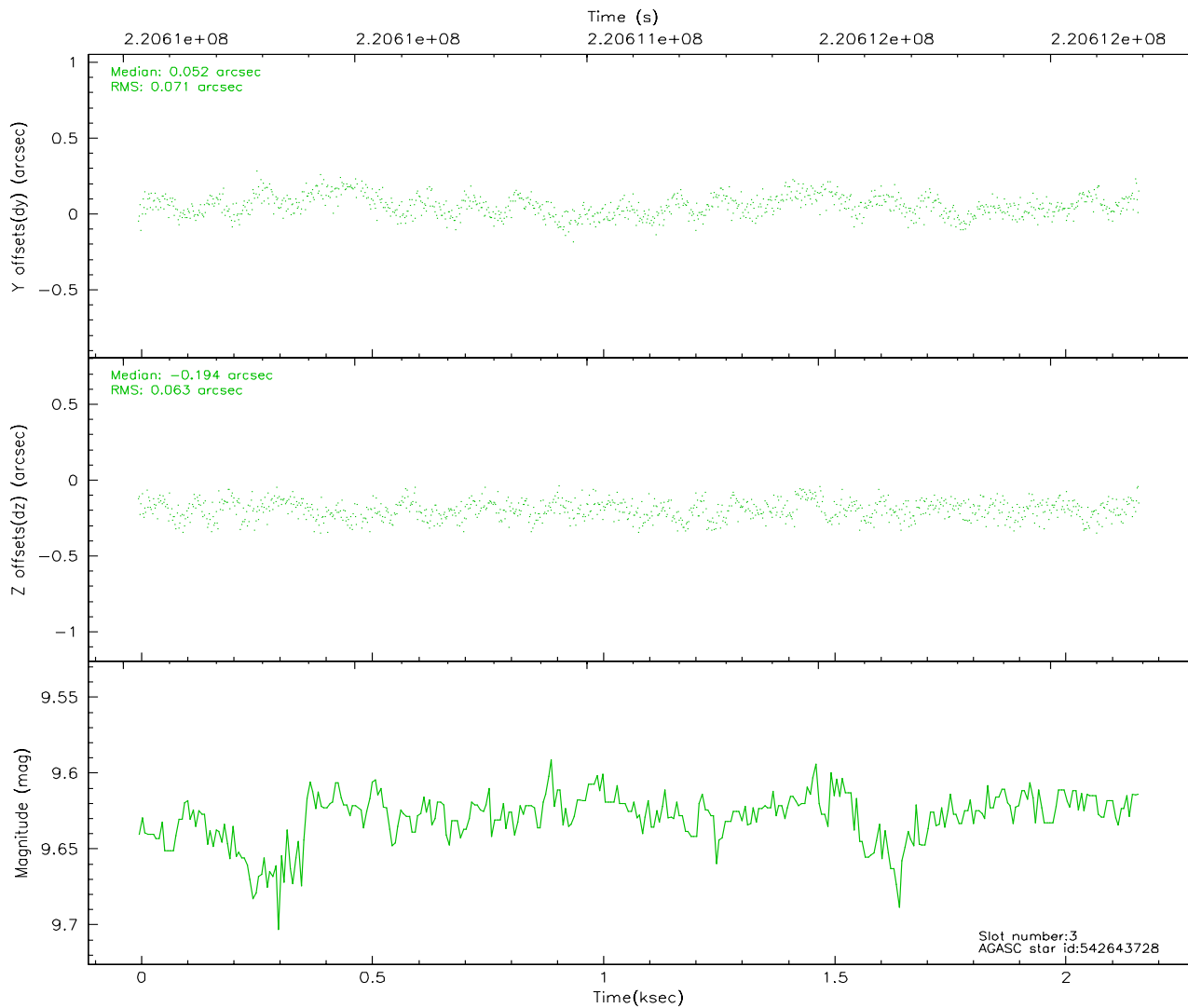
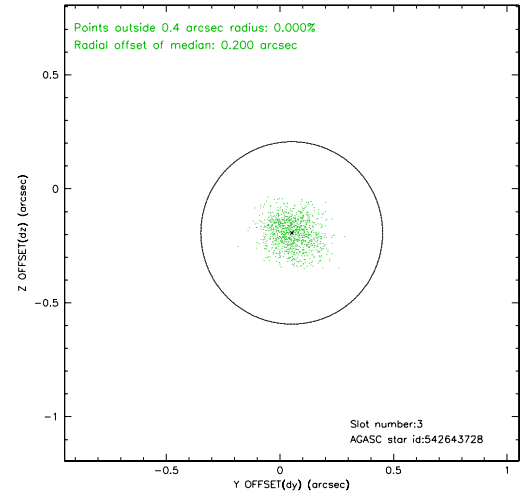
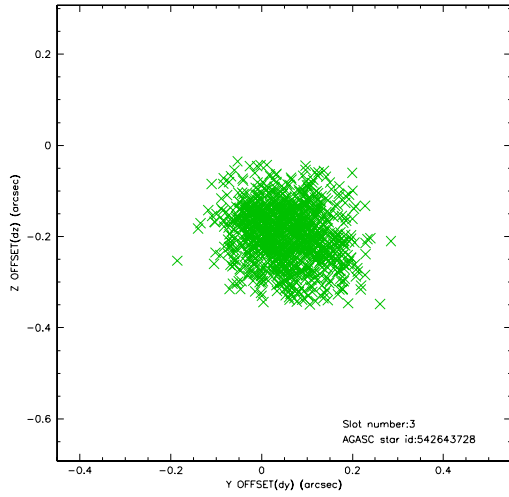


Slot Statistics

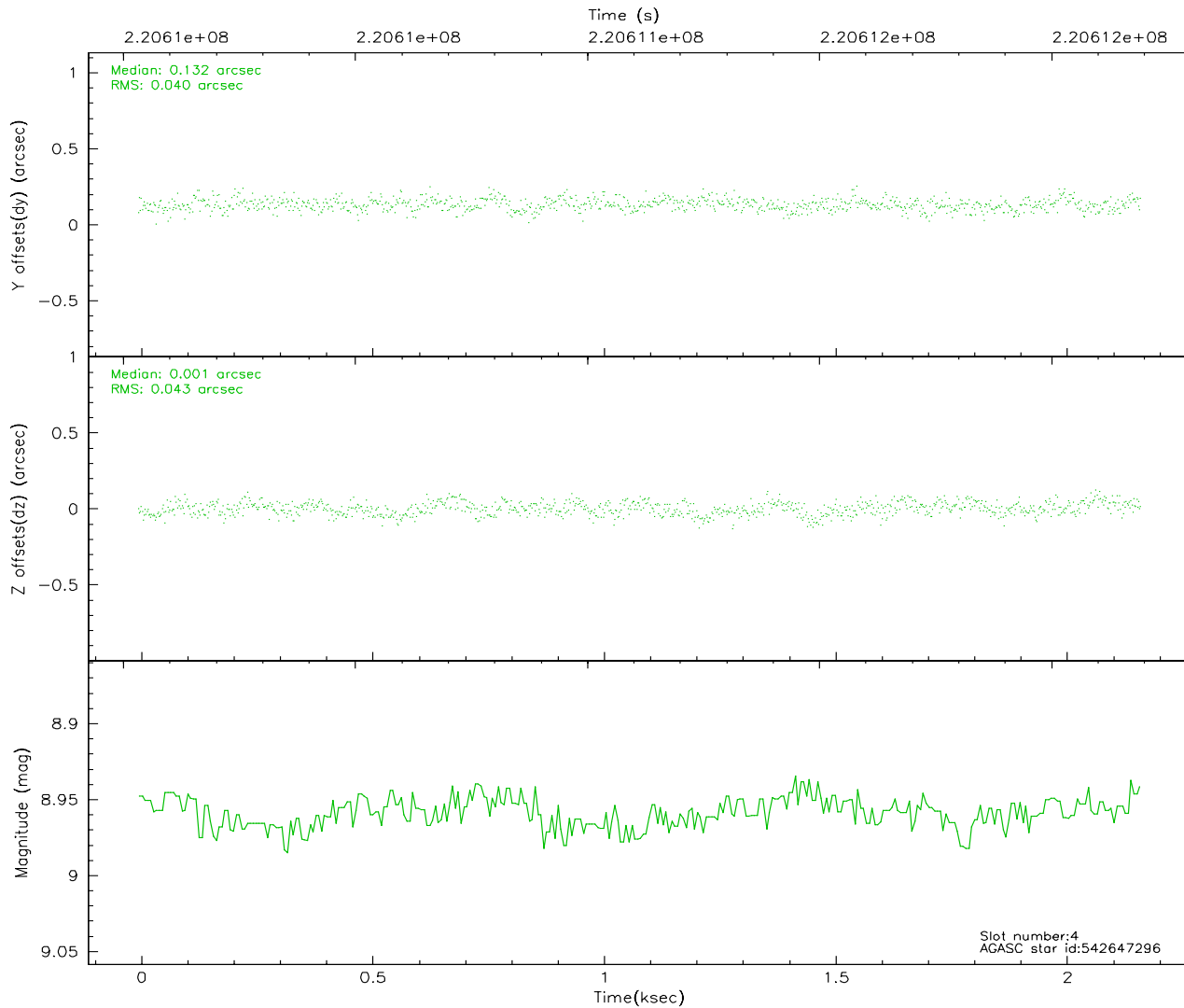
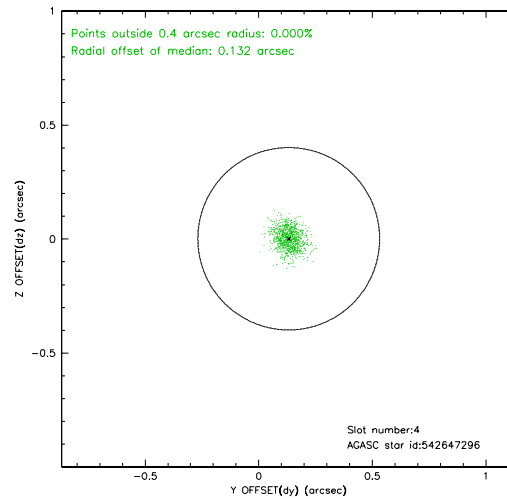
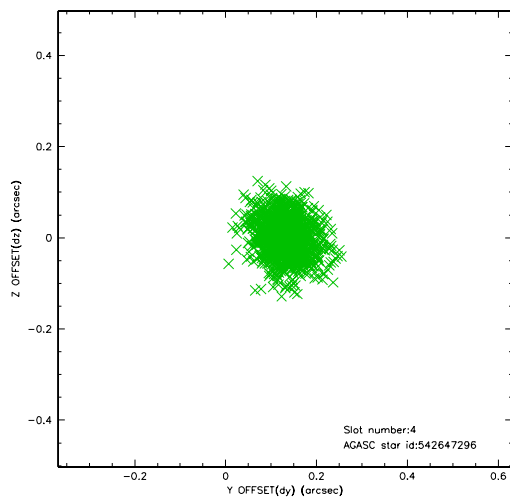
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	528	-0.040	-0.007	0.007	0.011	0.000000	0.000000	-760.15	-1731.17
1	FID	ACIS-S-4	7.21	528	0.064	0.022	0.005	0.009	0.000000	0.000000	2151.82	174.29
2	FID	ACIS-S-5	7.23	528	-0.054	-0.006	0.007	0.012	0.000000	0.000000	-1809.18	171.27
3	GUIDE	542643728	9.63	1053	0.052	-0.194	0.102	0.158	148.677261	63.203163	-333.46	2357.08
4	GUIDE	542647296	8.96	1056	0.132	0.001	0.062	0.102	150.192049	62.992562	-2047.63	429.46
5	GUIDE	542647800	9.14	1057	-0.115	-0.095	0.071	0.119	148.842955	63.723840	1248.39	1320.19
6	GUIDE	542648168	9.04	1057	-0.077	0.145	0.067	0.110	149.691594	63.875573	1184.71	-132.47
7	GUIDE	542648640	8.99	1053	0.005	0.145	0.072	0.117	150.733711	63.548455	-563.78	-1177.87

2.4 Star Slots

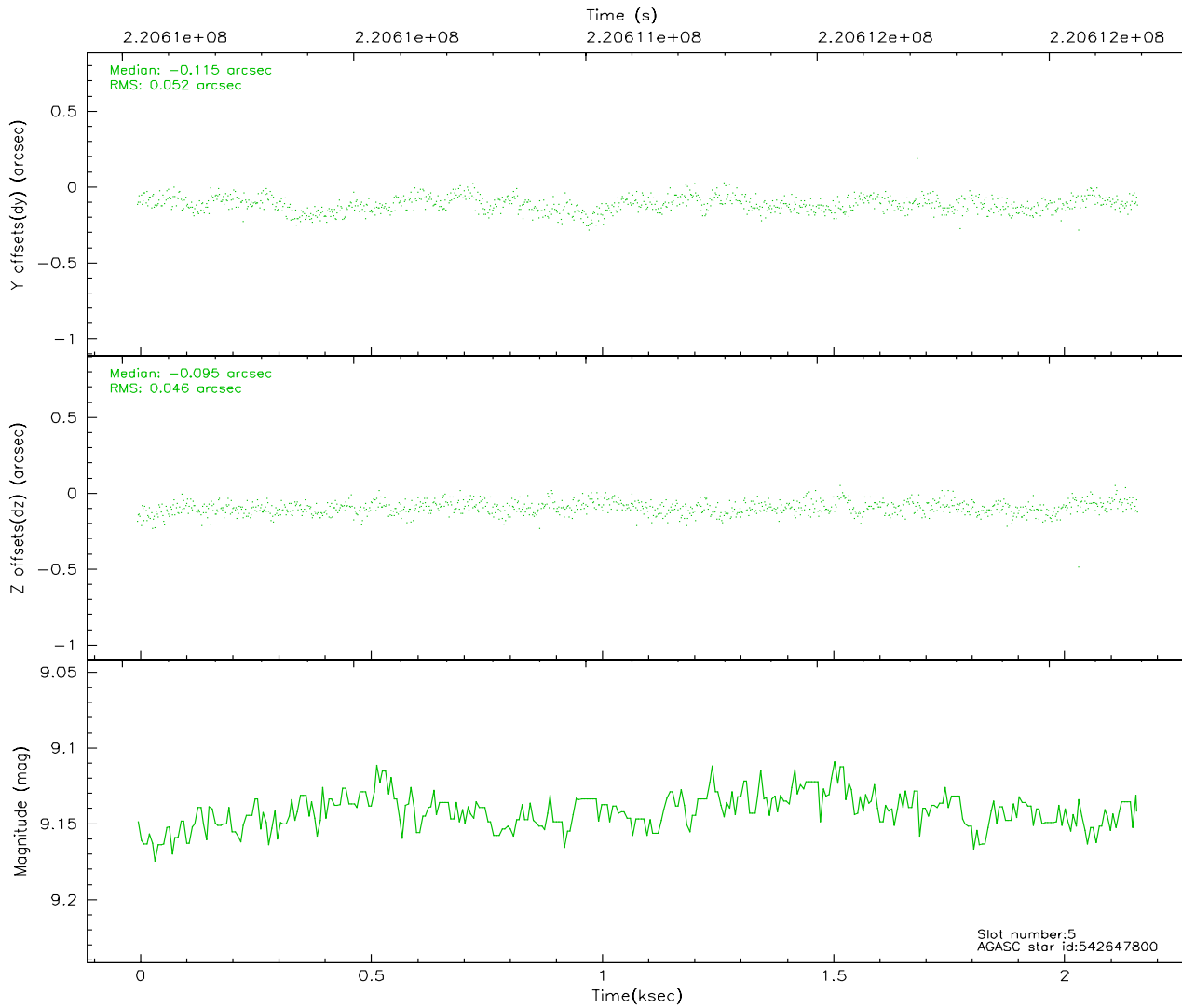
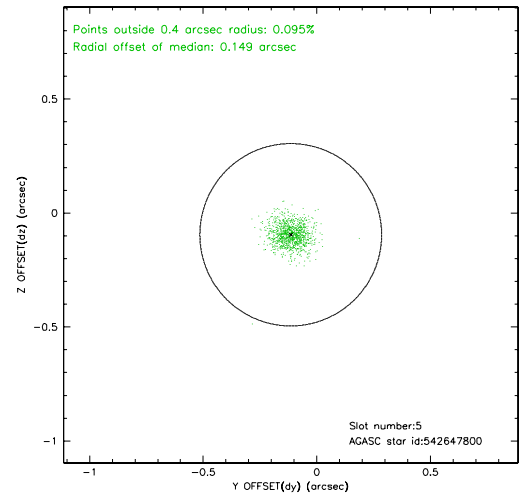
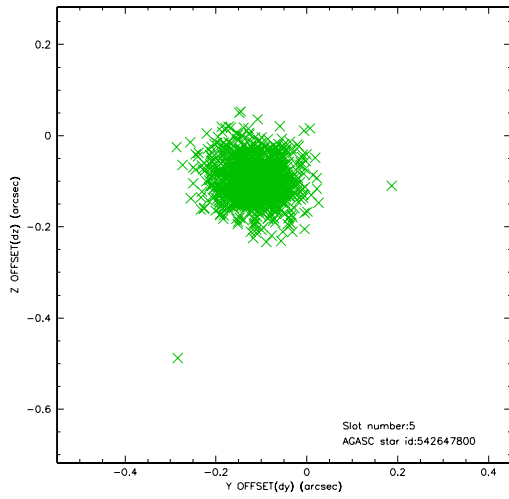
2.4.1 Slot 3



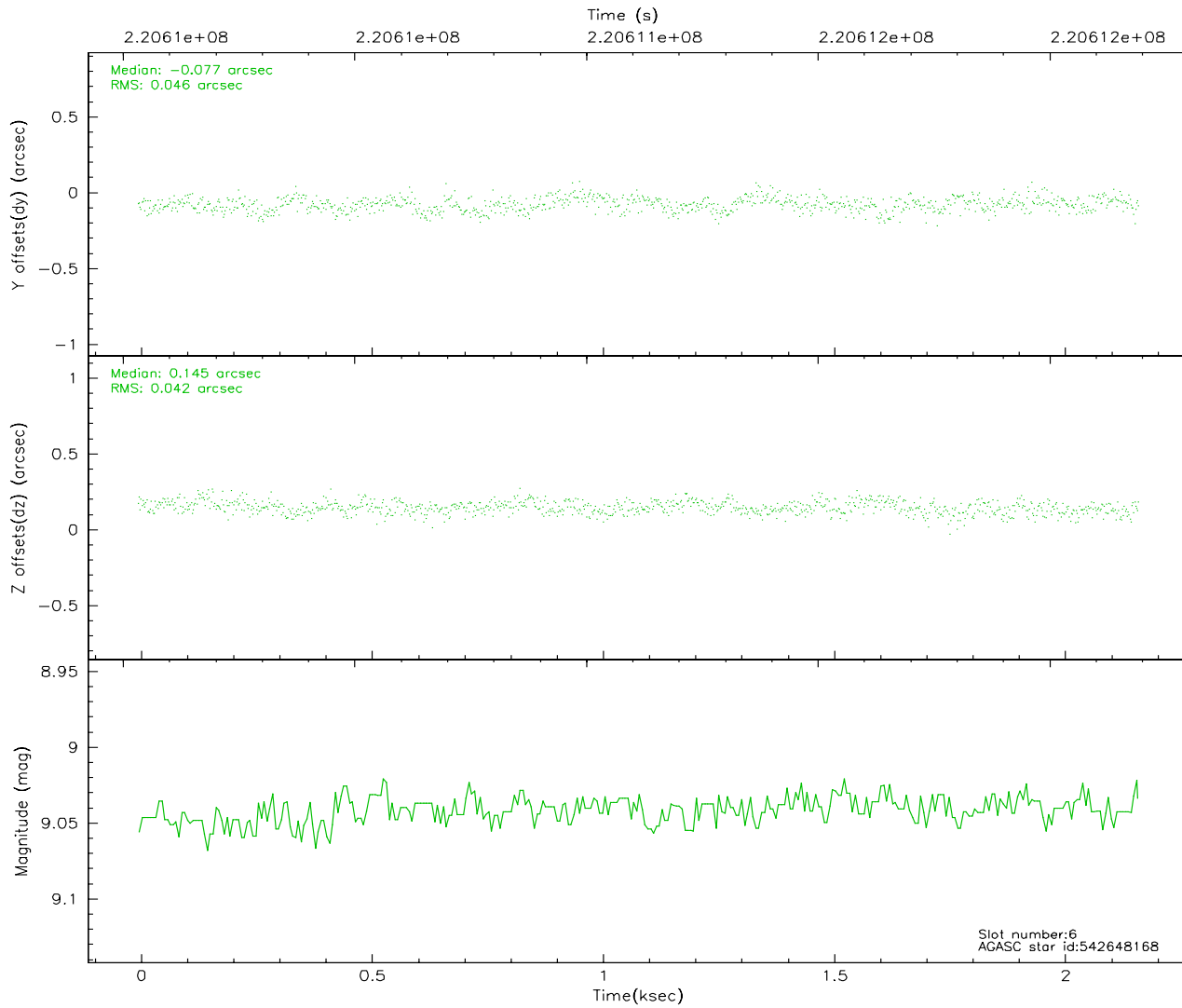
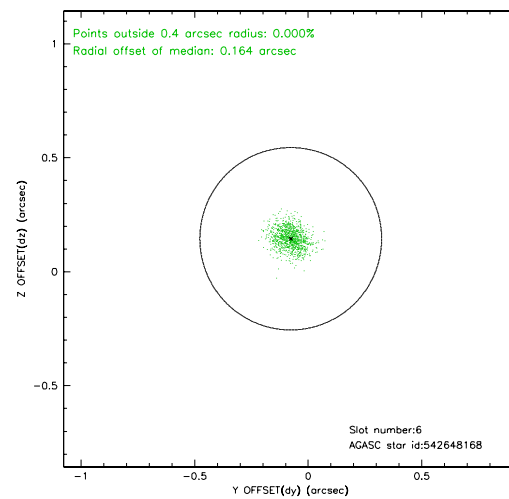
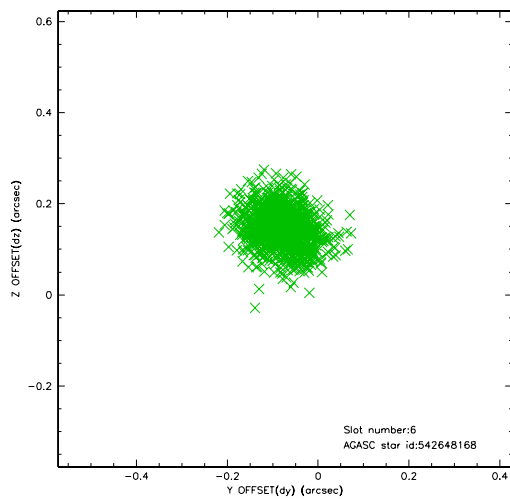
2.4.2 Slot 4



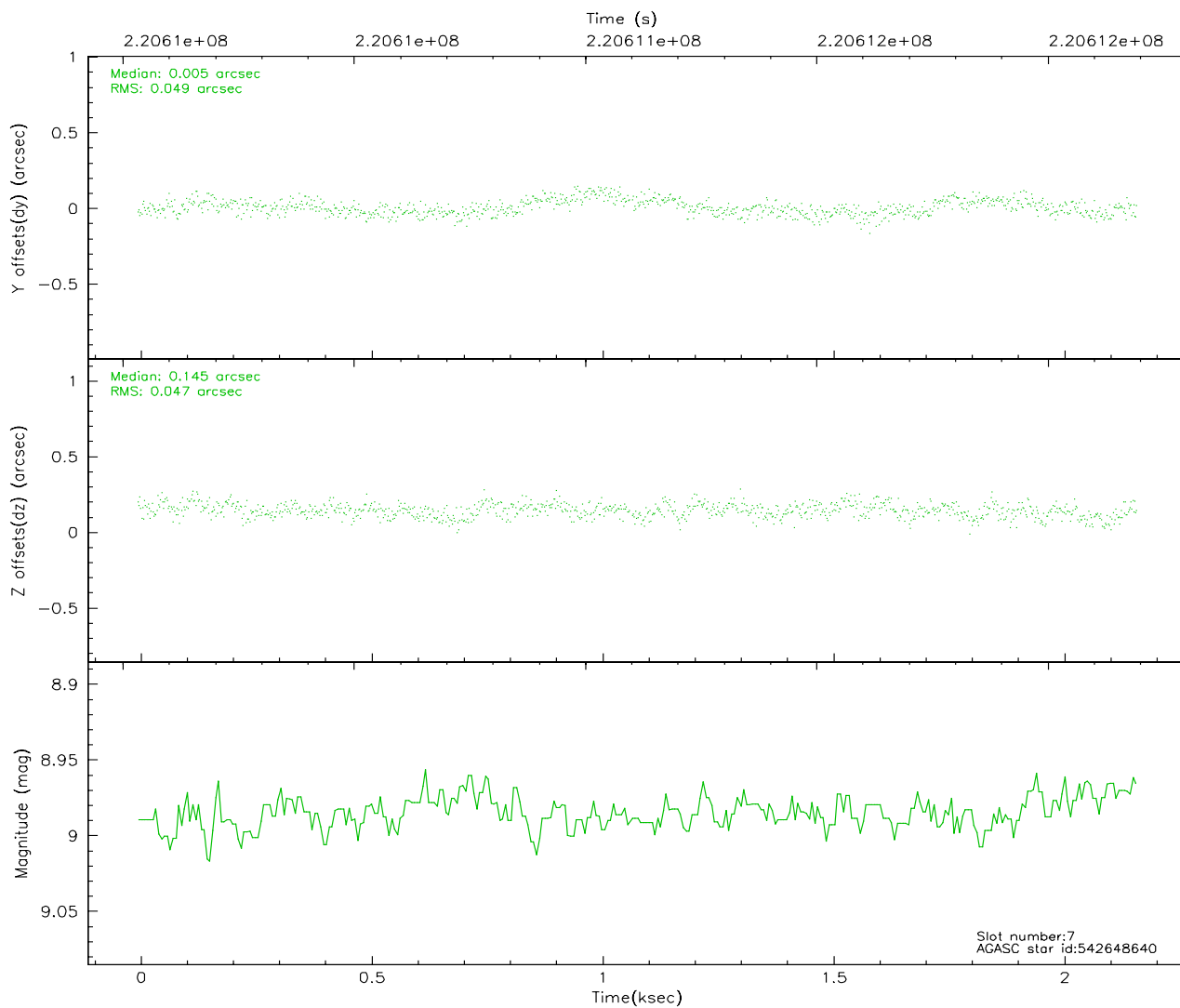
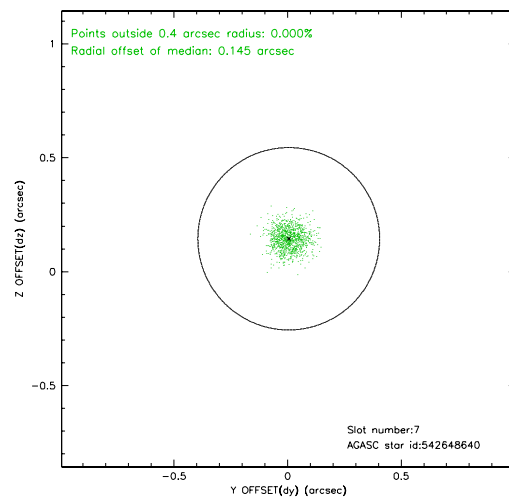
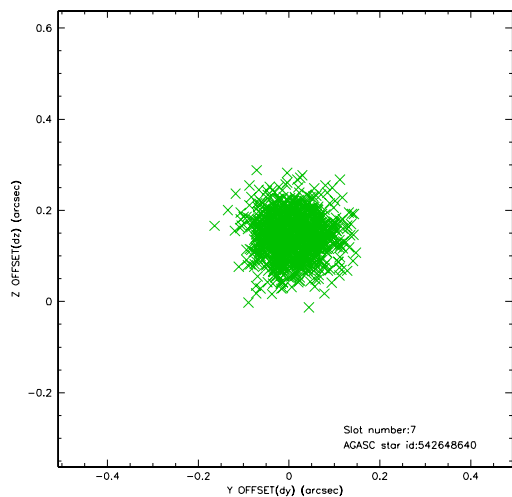
2.4.3 Slot 5



2.4.4 Slot 6

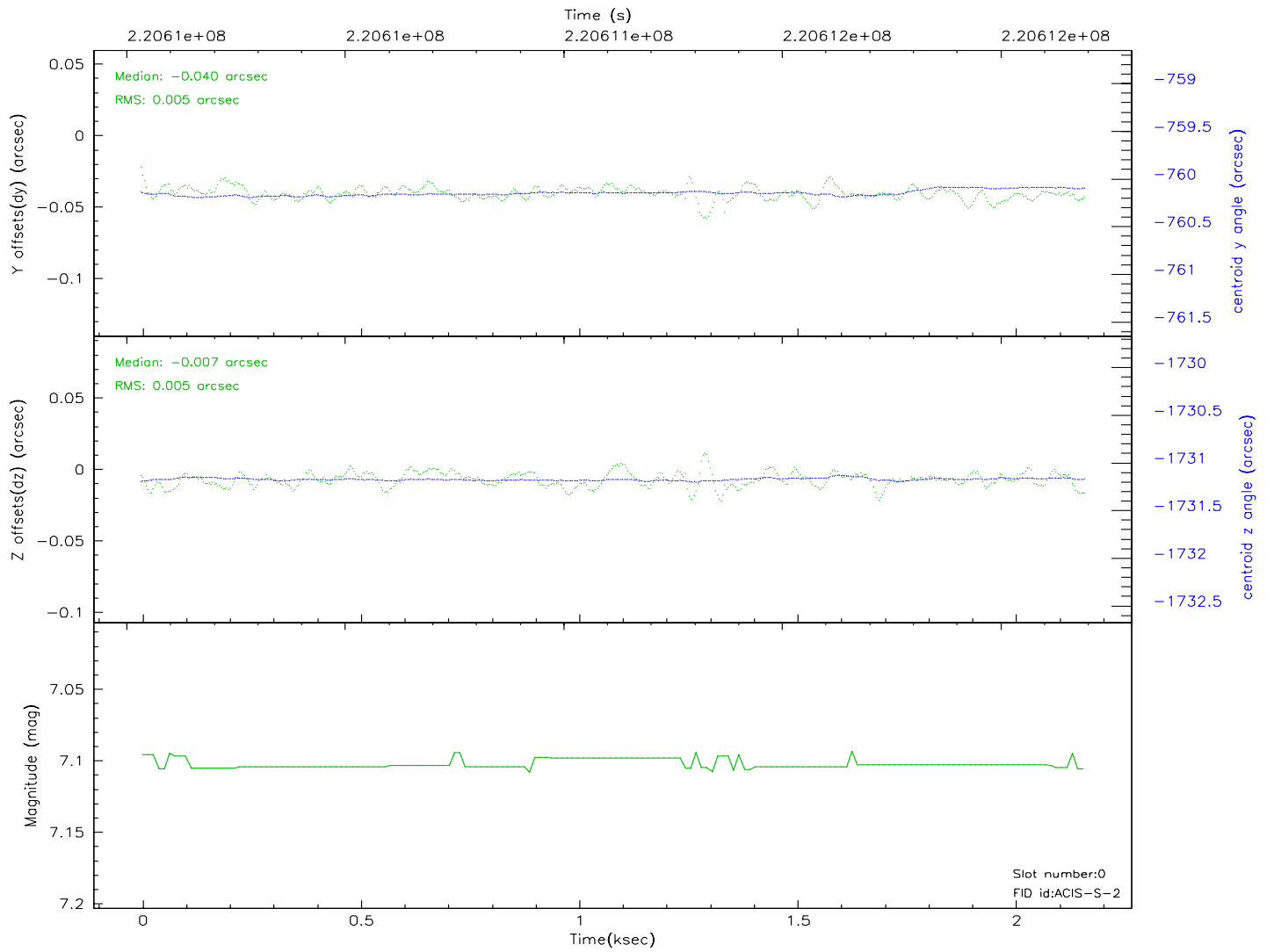
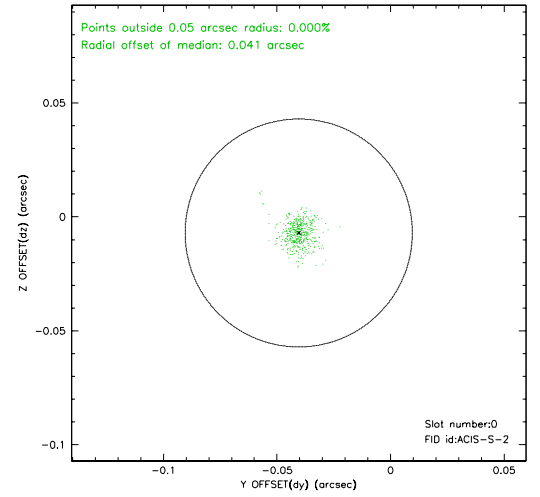
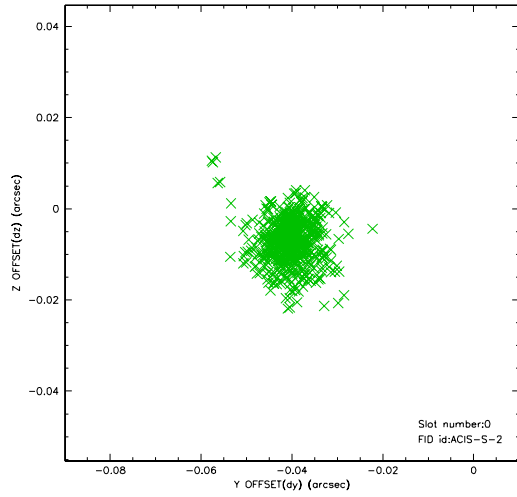


2.4.5 Slot 7

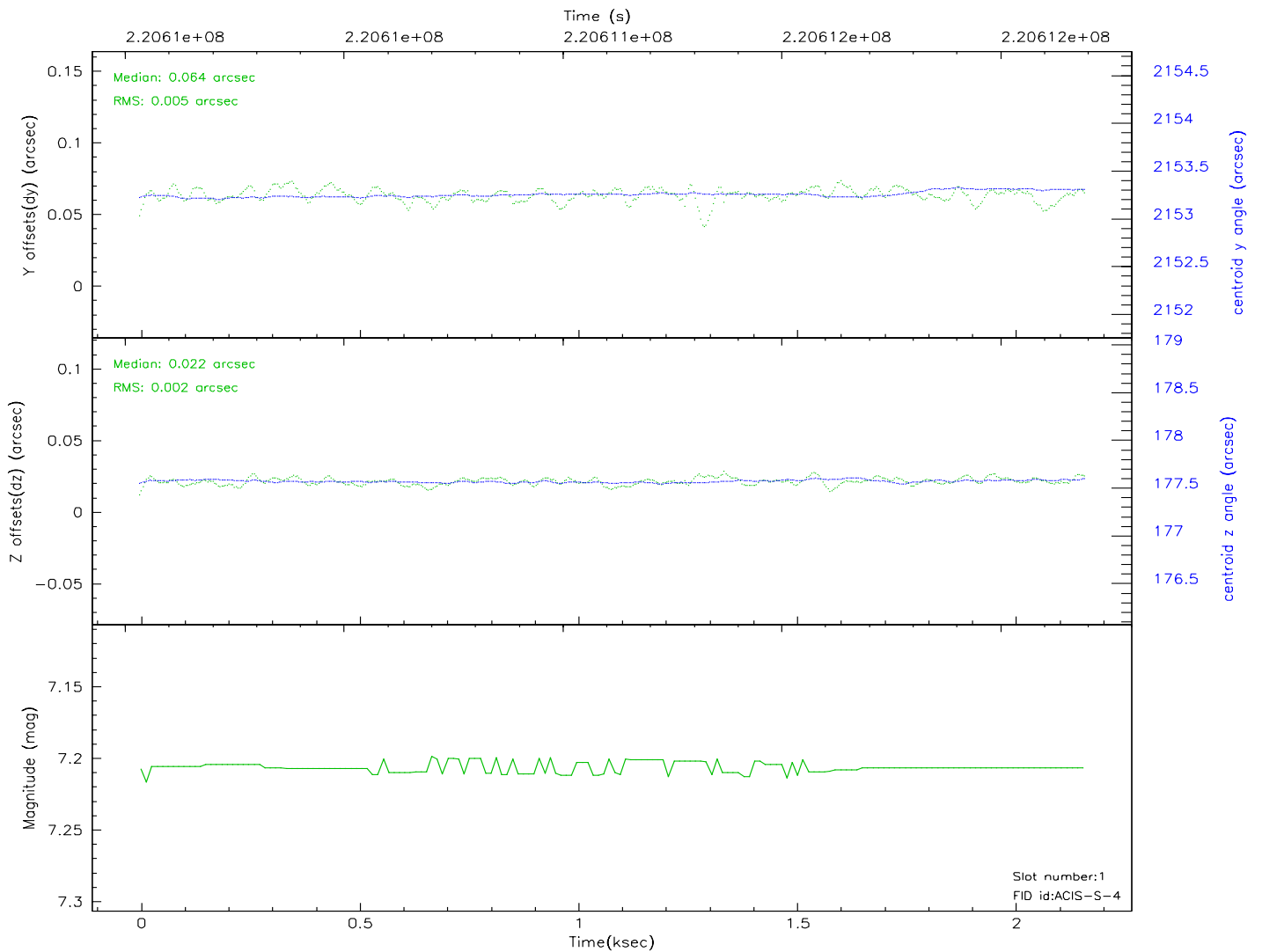
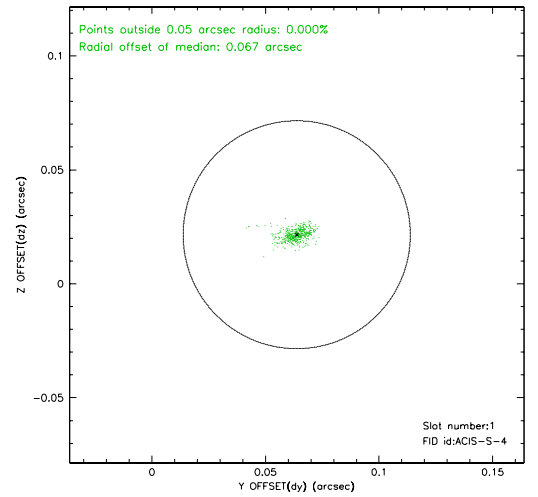
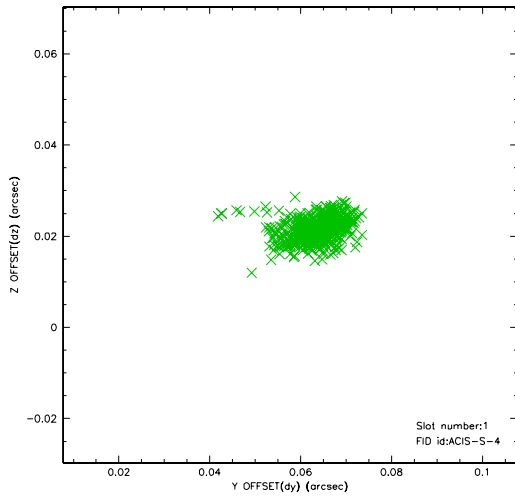


2.5 FID Slots

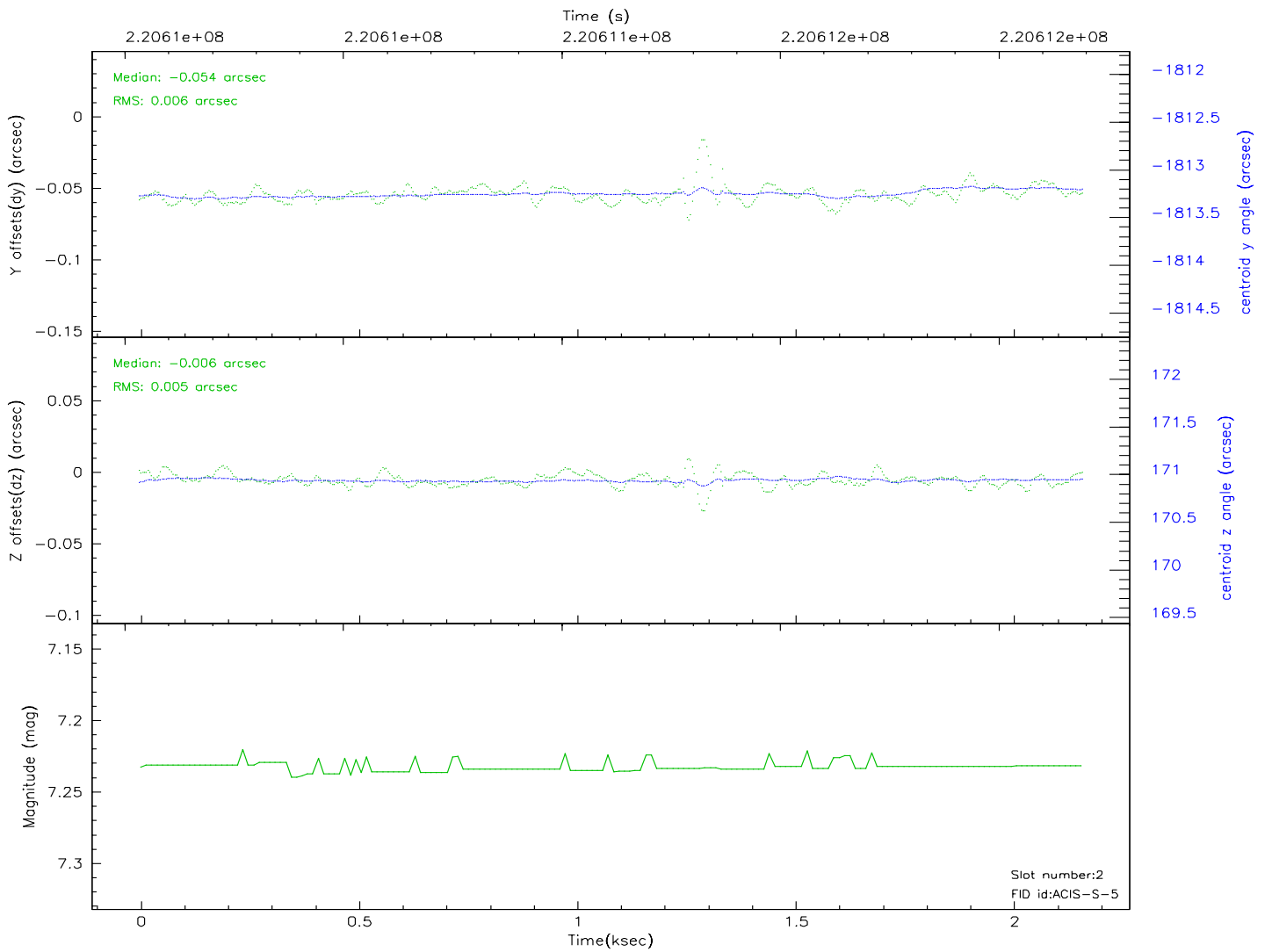
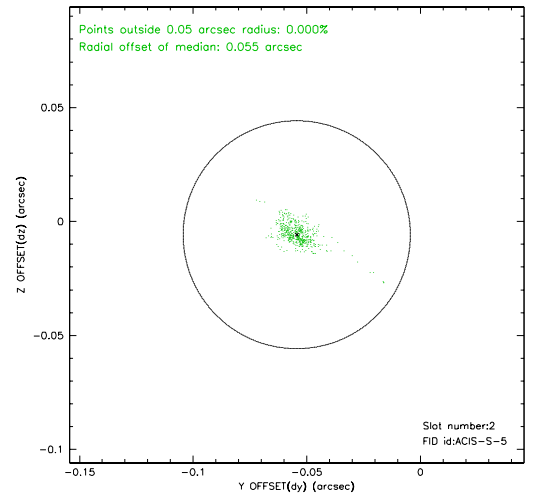
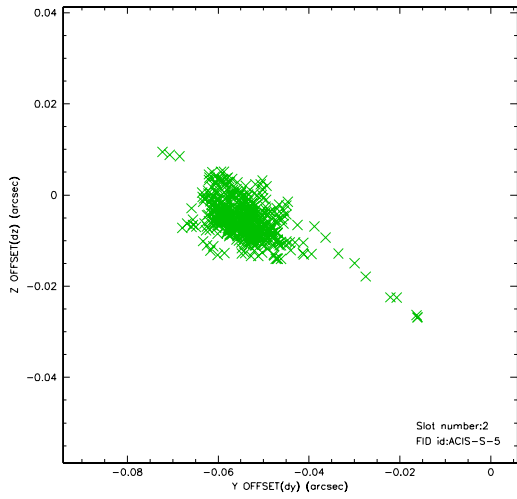
2.5.1 Slot 0



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)	2006.04.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.545599

A.2 Comments