

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5573 - L2 Version 002
Chandra X-Ray Center

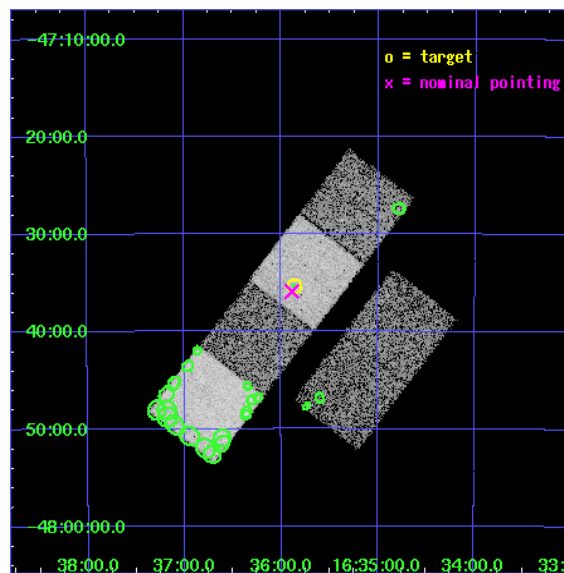
L2 Processing Date : Mar 11 2006

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1 Front

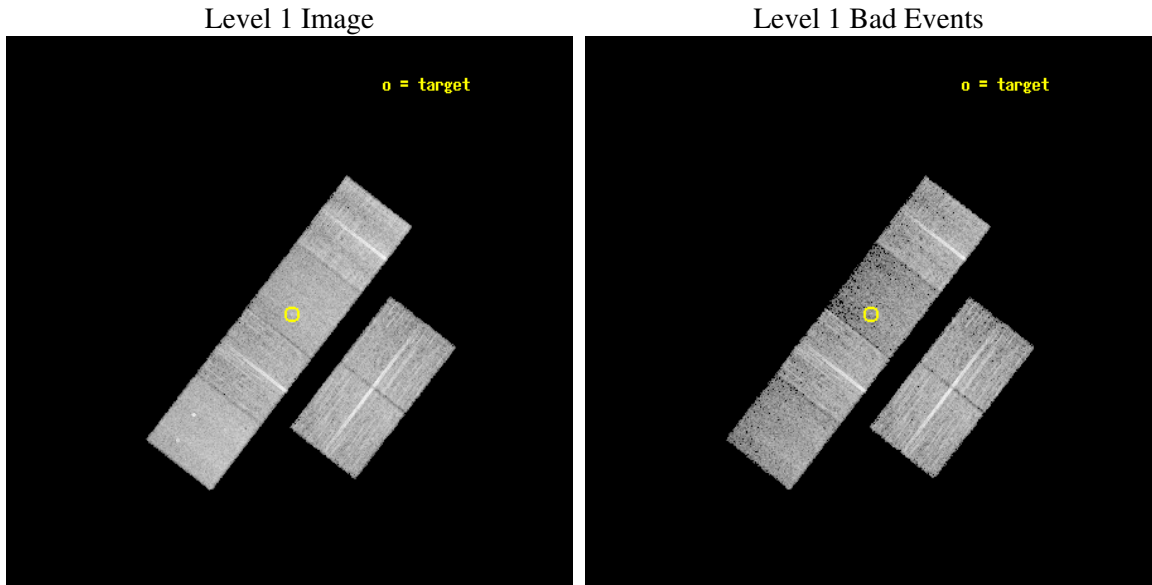
seq_num	500562
obs_id	5573
title	IS SGR 1627-41 A DIM ISOLATED NEUTRON STAR?
observer	Dr Chryssa Kouveliotou
object	SGR 1627-41
dtcycle	0
cycle	P
ra_targ	248.965833
dec_targ	-47.589806
ra_nom	248.97239959312
dec_nom	-47.598368892222
roll_nom	307.63226268454
revision	2
ontime	9955.199962914
livetime	9829.1412266818
ontime2	9955.199962914
ontime3	9951.9589726329
ontime5	9955.199962914
ontime6	9955.199962914
ontime7	9955.199962914
ontime8	9955.199962914
l2events	85629



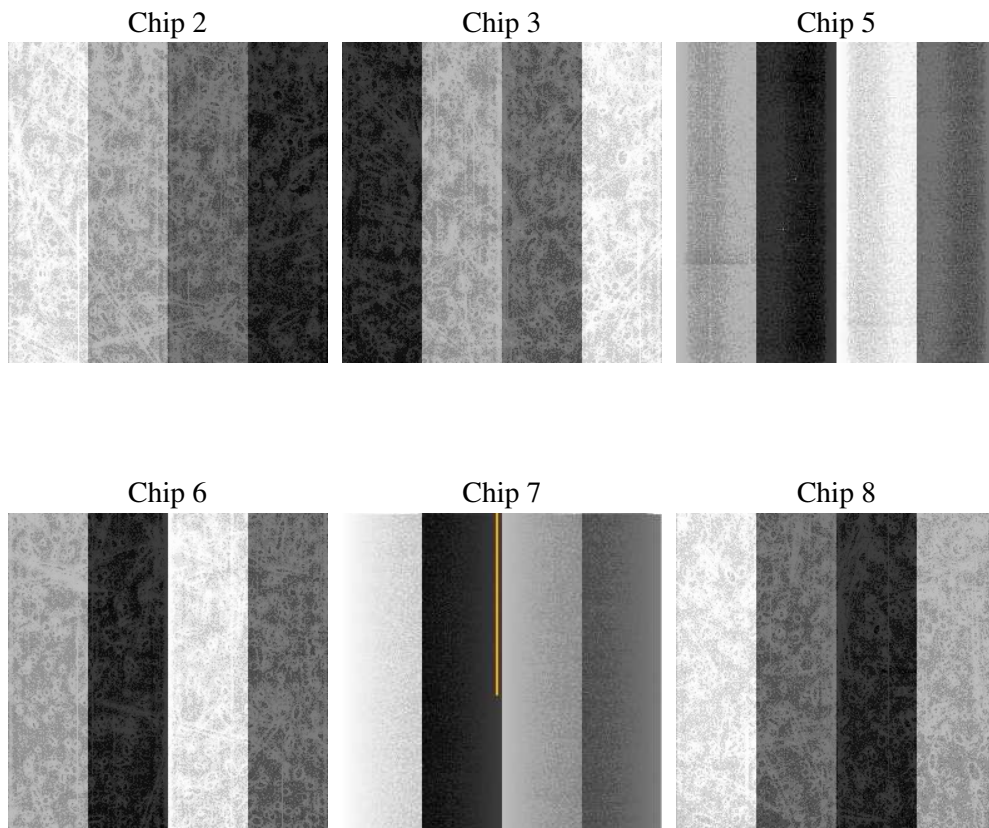
2 OBI

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	2006-03-11T21:16:47
revision	2

sched_exp_time	10000.000000
ontime	9959.6337554157
ontime2	9959.6337554157
ontime3	9956.3927651346
ontime5	9959.6337554157
ontime6	9959.6337554157
ontime7	9959.6337554157
ontime8	9959.6337455213
l1events	398694

2.1.4 Events

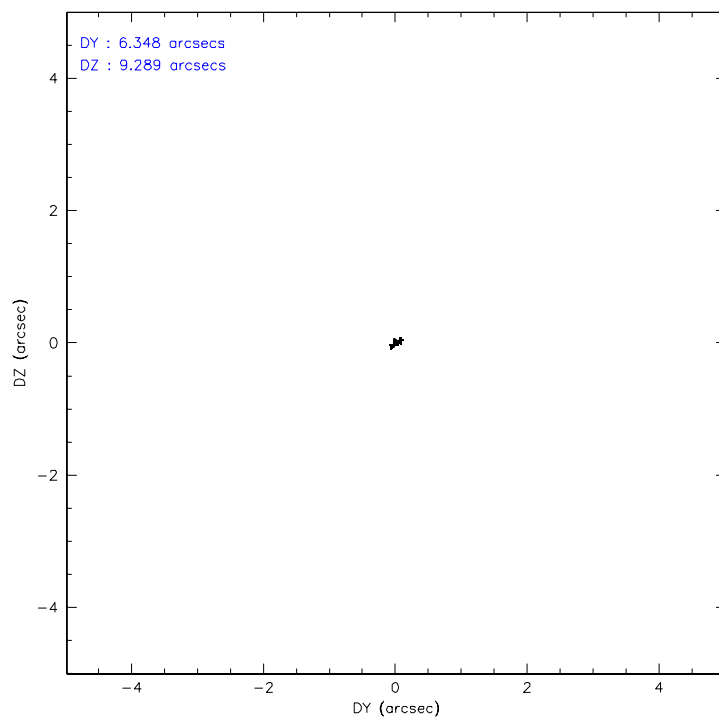
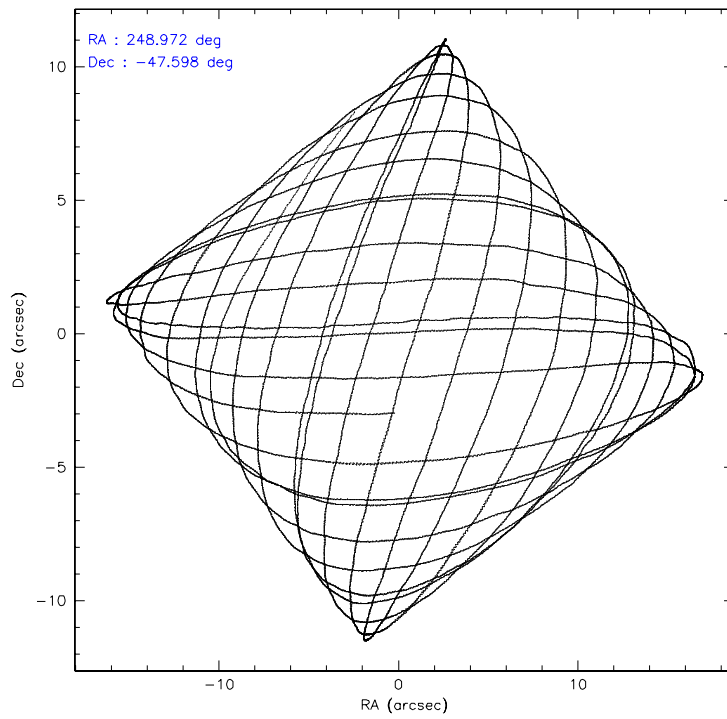
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	67845	59875	72826	62495	58362	77291
rejected events	61527	53700	35779	55691	31032	58046
rejected %	90%	89%	49%	89%	53%	75%

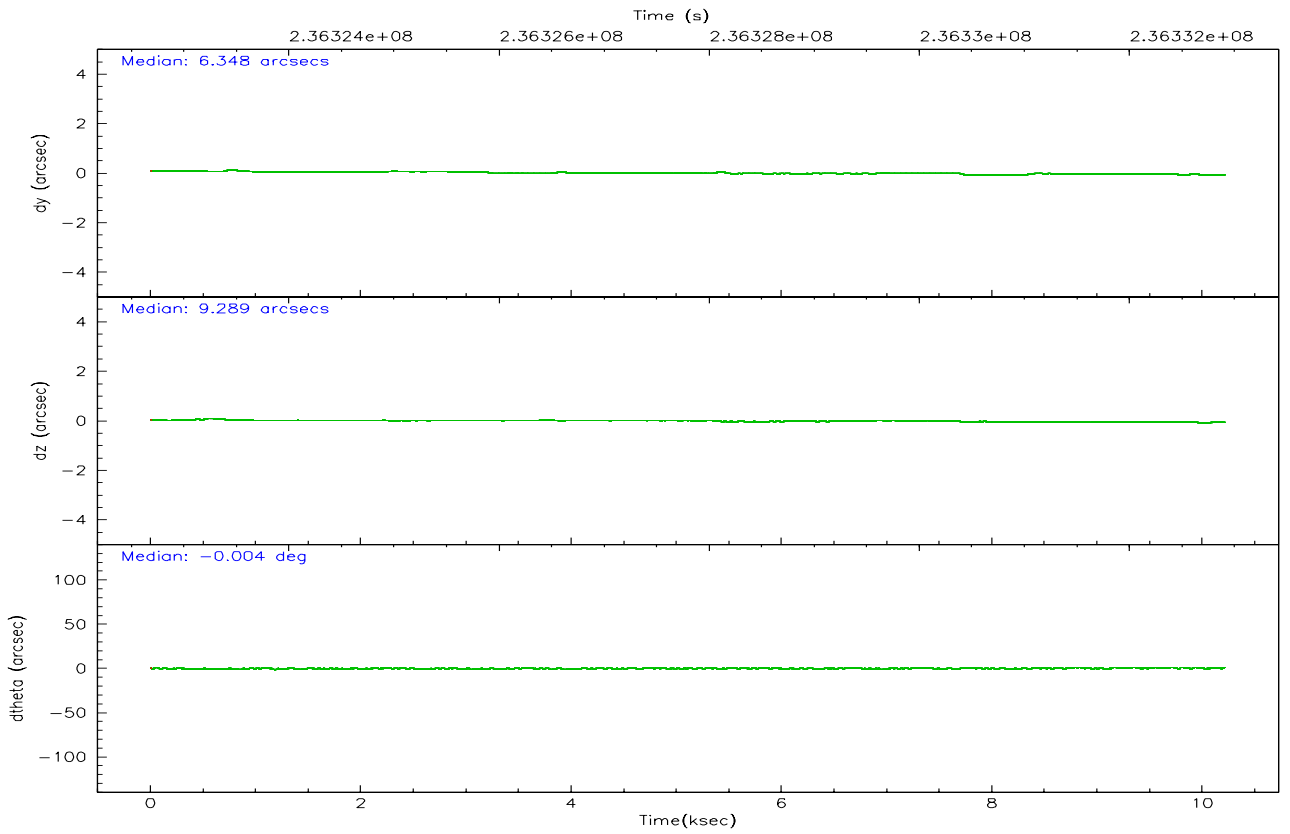
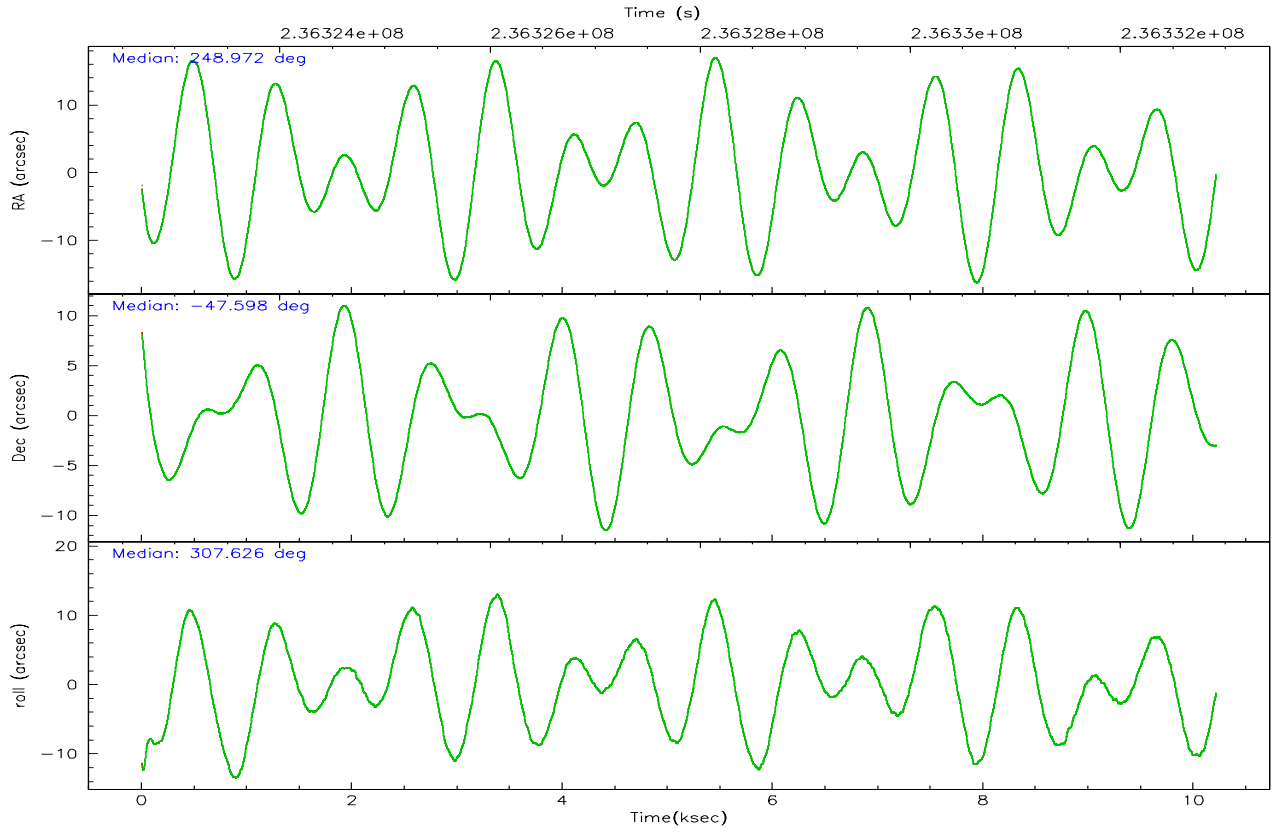
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	2552	2620	1996	2791	1894	5531
	3%	4%	2%	4%	3%	7%
grade 1 events	35	34	51	31	34	66
	0%	0%	0%	0%	0%	0%
grade 2 events	1469	1169	11870	1314	7161	4465
	2%	1%	16%	2%	12%	5%
grade 3 events	628	648	1024	688	1690	2019
	0%	1%	1%	1%	2%	2%
grade 4 events	622	656	1027	705	1630	1919
	0%	1%	1%	1%	2%	2%
grade 5 events	1694	2046	3995	2101	4577	3159
	2%	3%	5%	3%	7%	4%
grade 6 events	1054	1085	21150	1309	14970	5316
	1%	1%	29%	2%	25%	6%
grade 7 events	59791	51617	31713	53556	26406	54816
	88%	86%	43%	85%	45%	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	248.934922	248.9723995931167	Alternating exposures requested	N	N
Pointing Dec	-47.588353	-47.5983688922224	Primary exposure time	0.000000	3.2
Pointing Roll	307.447969	307.6322626845372			
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	236322909.184000	236321935.67343			
Observation start date	2005-06-28T05:14:05	2005-06-28T04:58:55			
Observation end time	236332909.184000	236333899.98648			
Observation end date	2005-06-28T08:00:45	2005-06-28T08:18:19			
Read mode	TIMED	TIMED			

2.3 Aspect



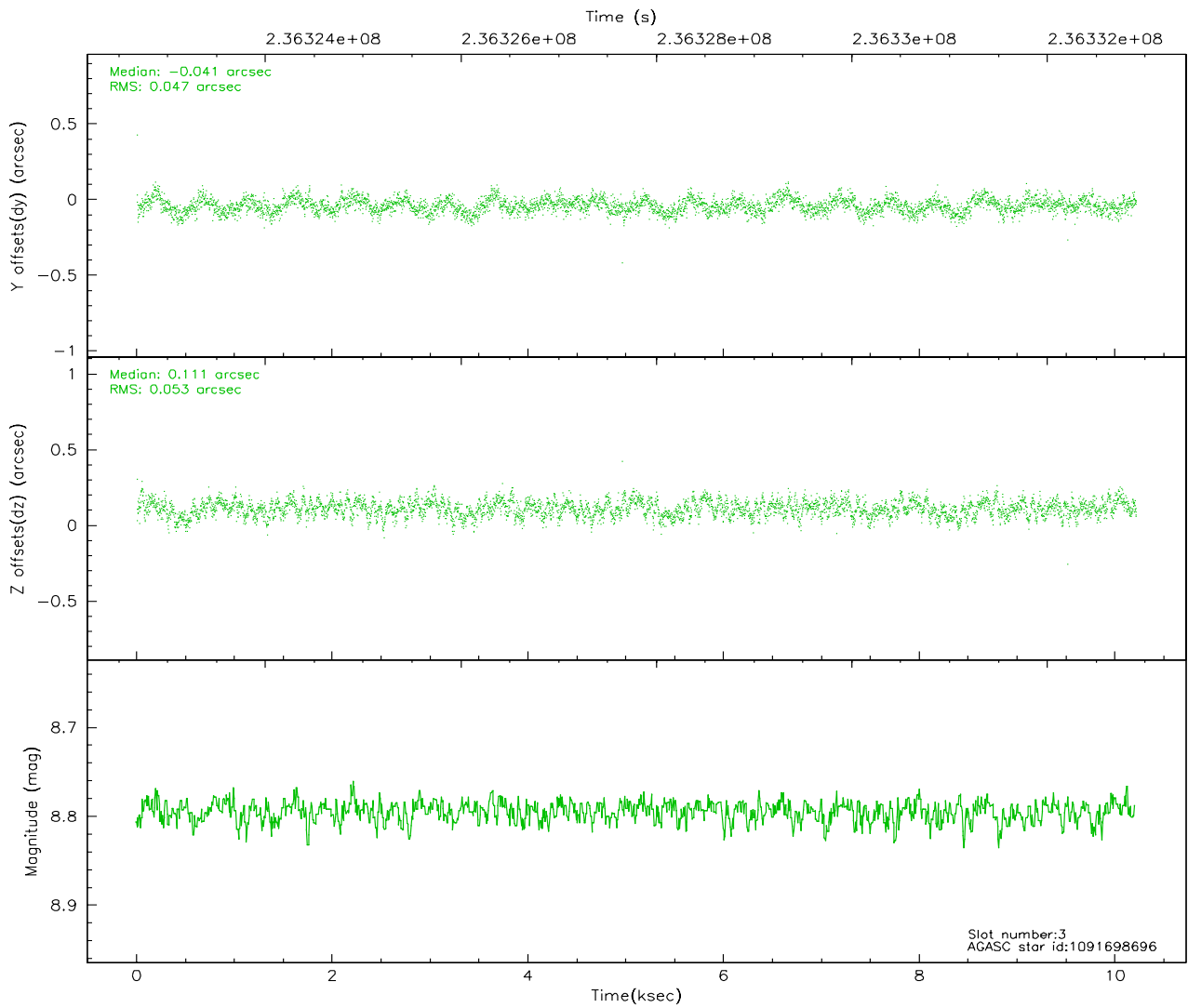
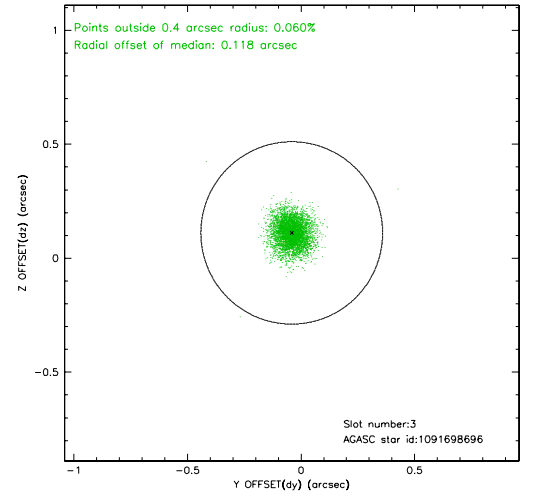
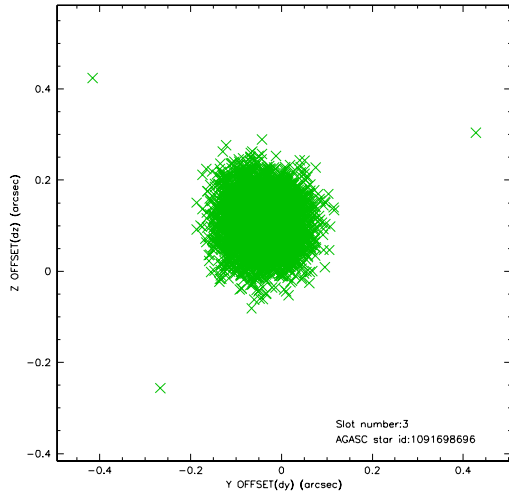


Slot Statistics

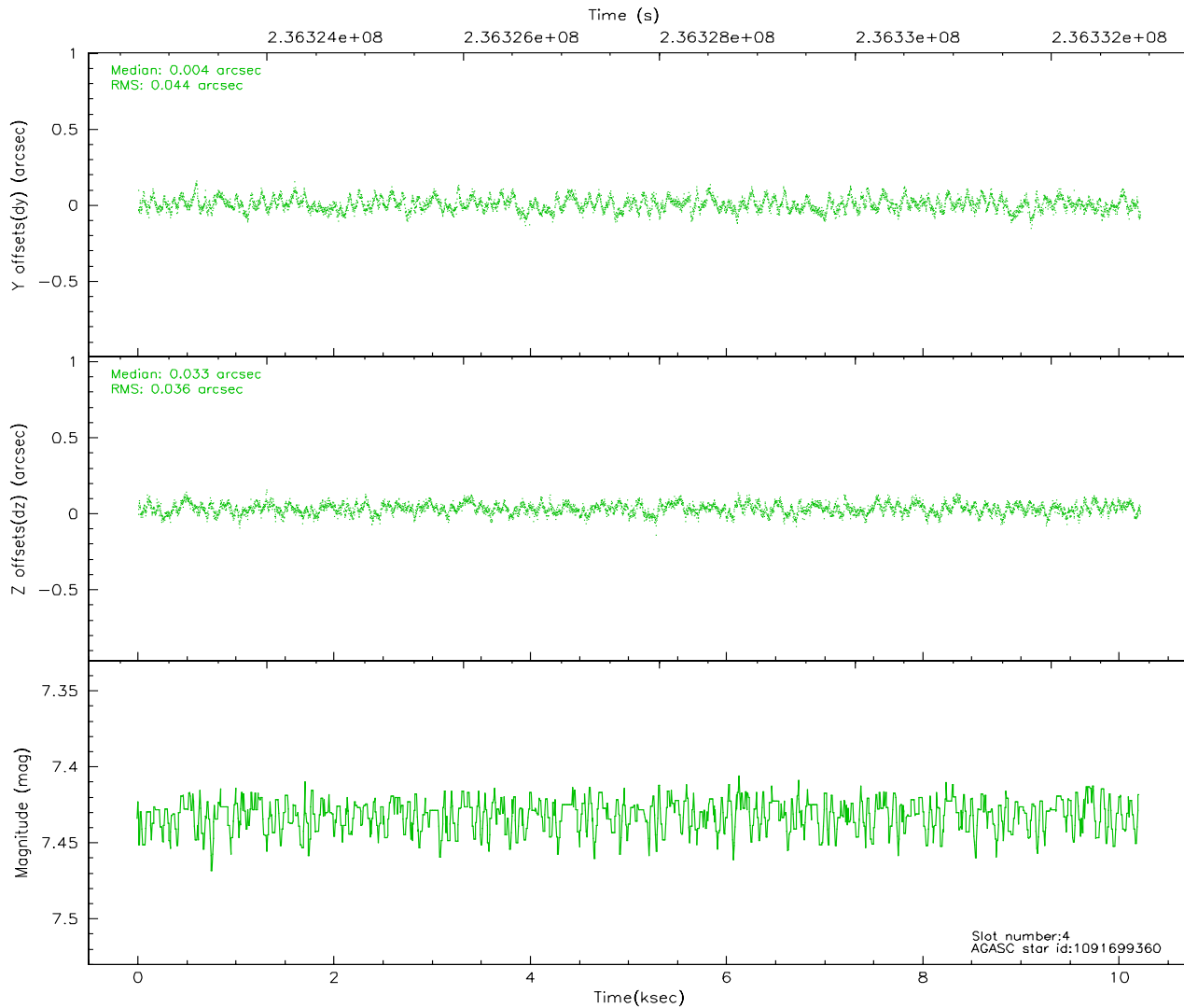
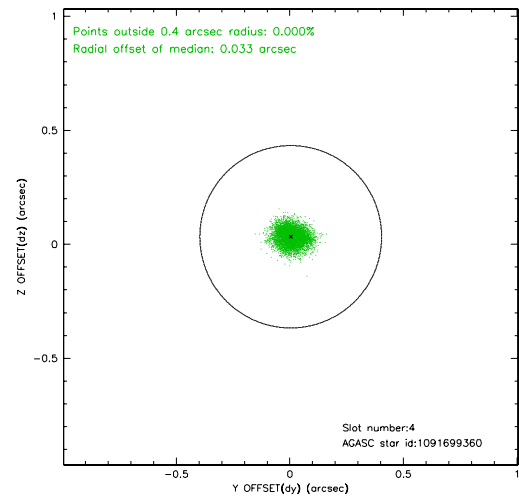
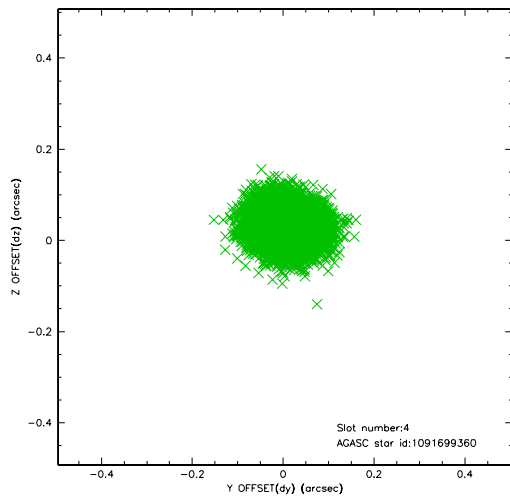
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	2492	-0.049	-0.023	0.007	0.011	0.000000	0.000000	-759.12	-1730.54
1	FID	ACIS-S-4	7.21	2492	0.060	0.030	0.005	0.009	0.000000	0.000000	2154.01	177.48
2	FID	ACIS-S-5	7.23	2492	-0.042	0.001	0.006	0.011	0.000000	0.000000	-1811.31	171.69
3	GUIDE	1091698696	8.79	4963	-0.041	0.111	0.076	0.121	248.529134	-48.079711	813.47	-1851.61
4	GUIDE	1091699360	7.43	4983	0.004	0.033	0.061	0.095	248.660725	-47.004364	-2077.07	742.93
5	GUIDE	1091702440	8.73	4982	0.086	0.017	0.083	0.132	248.295809	-47.683380	-665.03	-1441.34
6	GUIDE	1091705016	7.82	4983	-0.102	-0.130	0.055	0.090	249.888030	-47.558250	1333.04	1895.52
7	GUIDE	1091709768	7.70	4981	0.052	-0.031	0.051	0.081	249.435228	-47.706899	1079.53	701.03

2.4 Star Slots

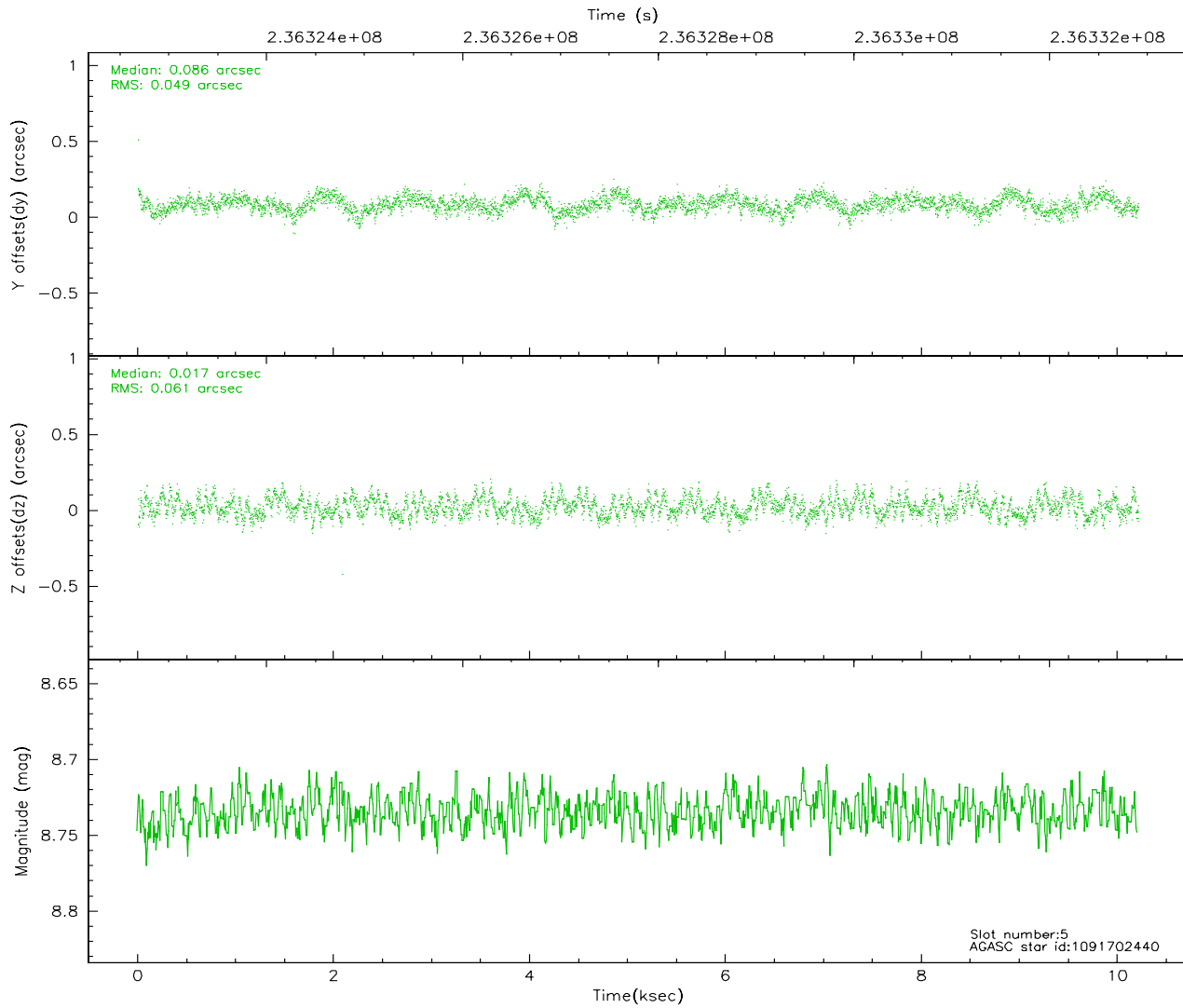
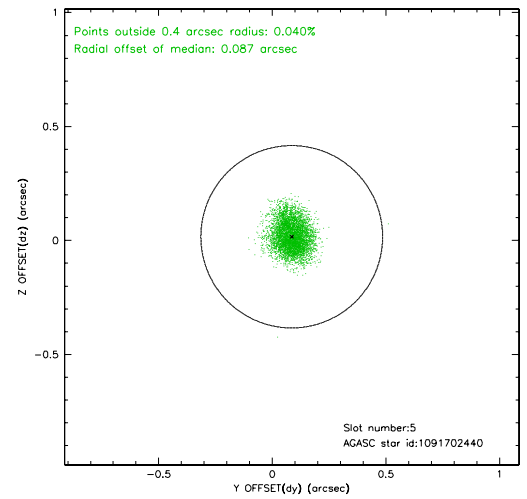
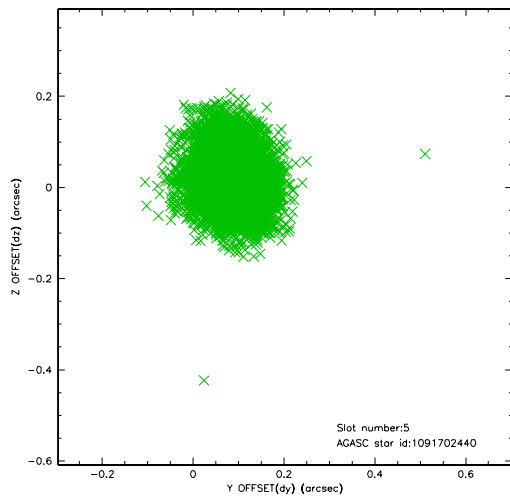
2.4.1 Slot 3



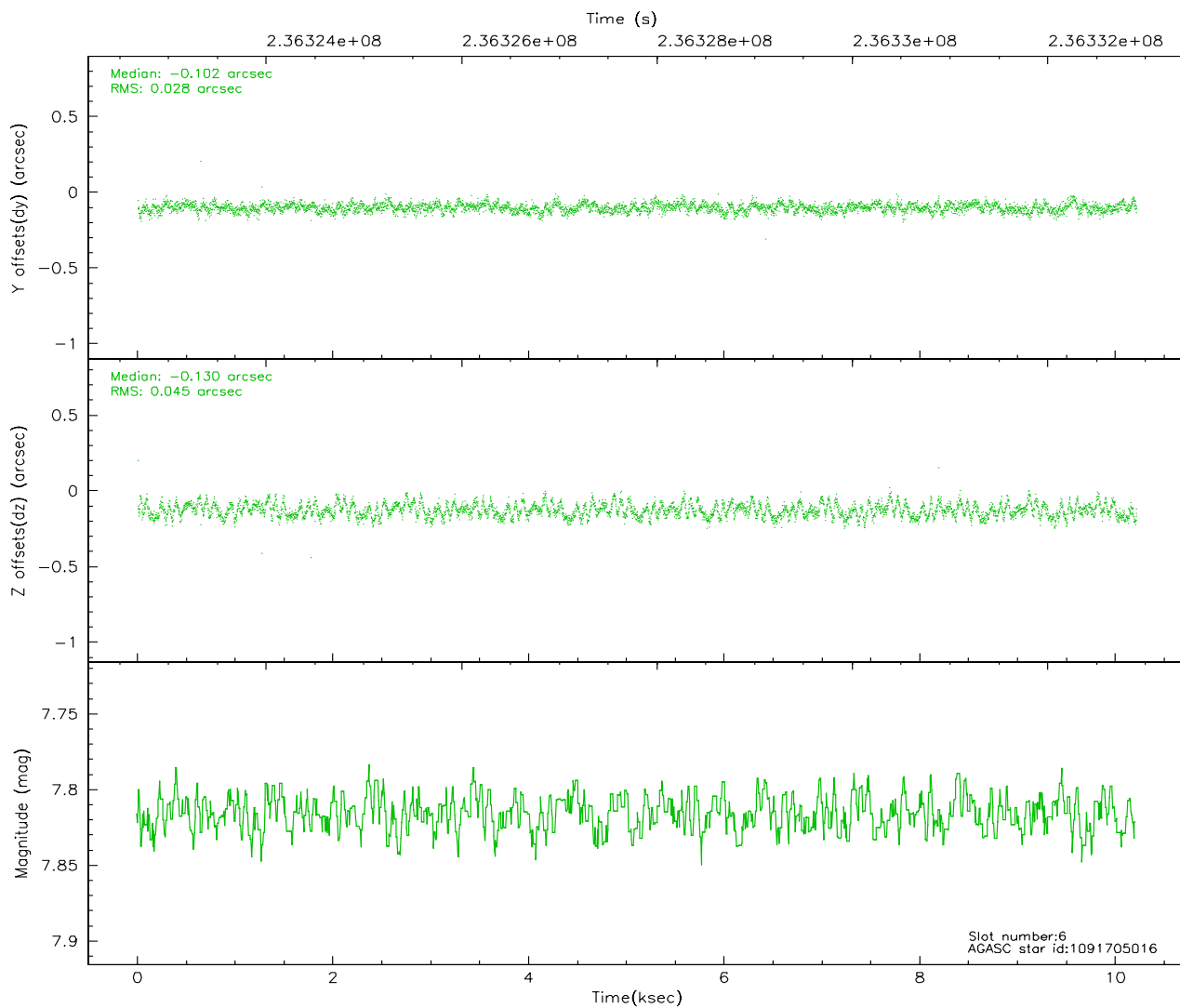
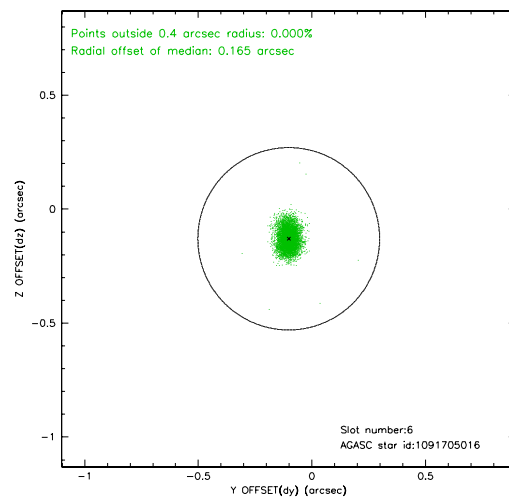
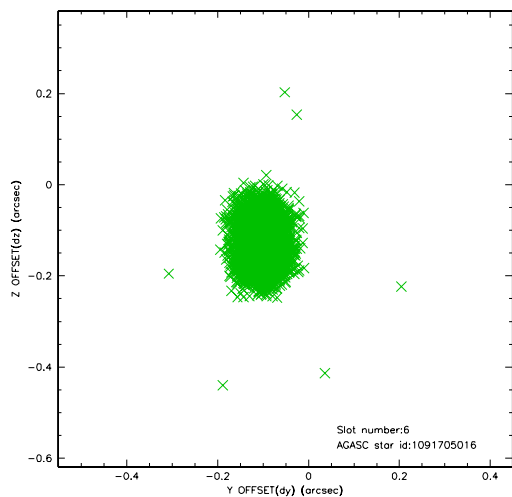
2.4.2 Slot 4



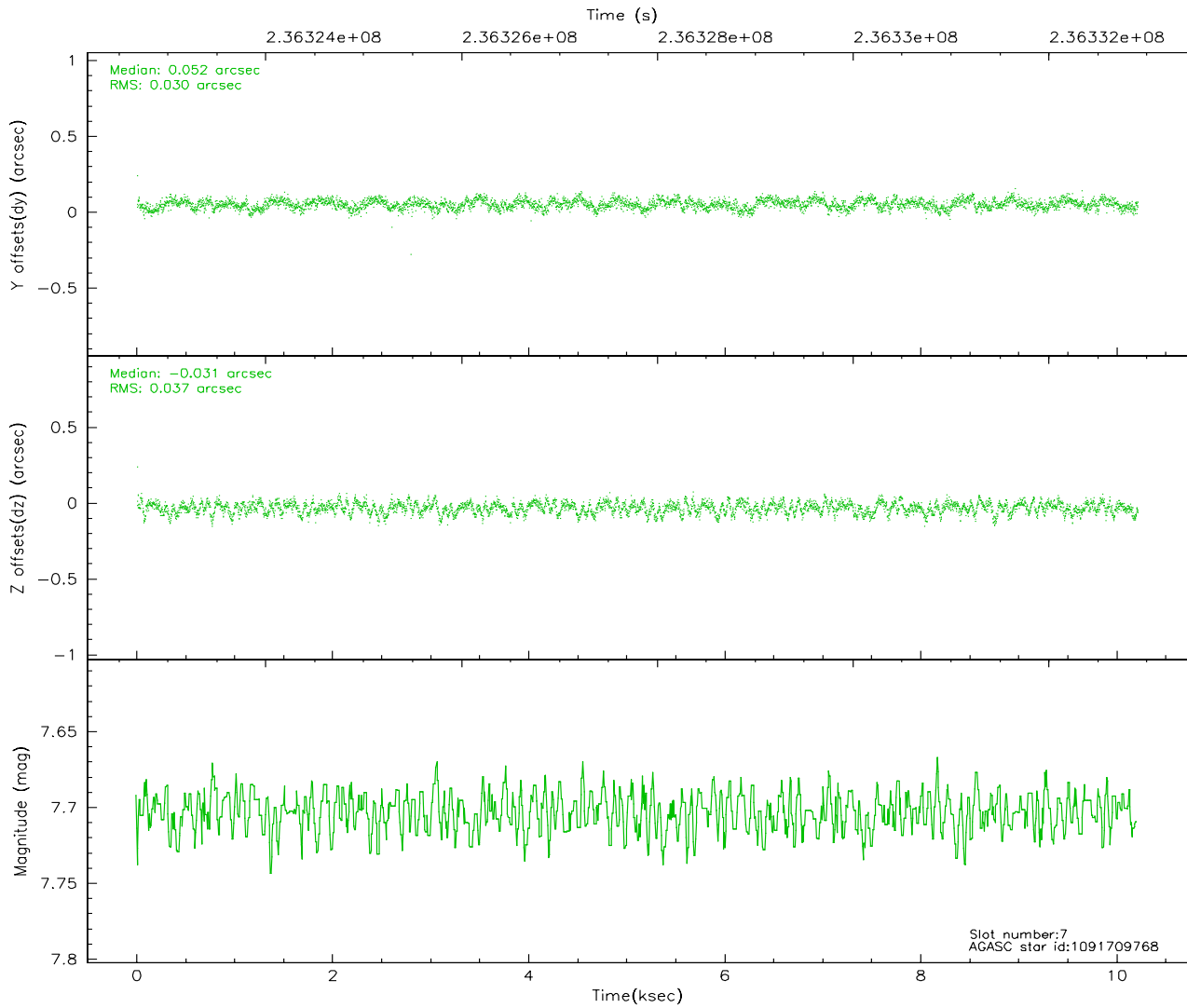
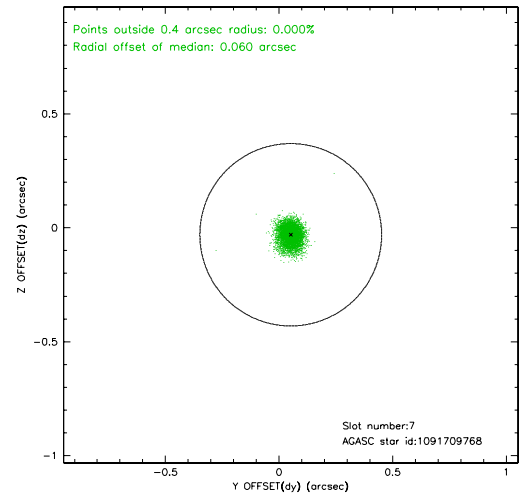
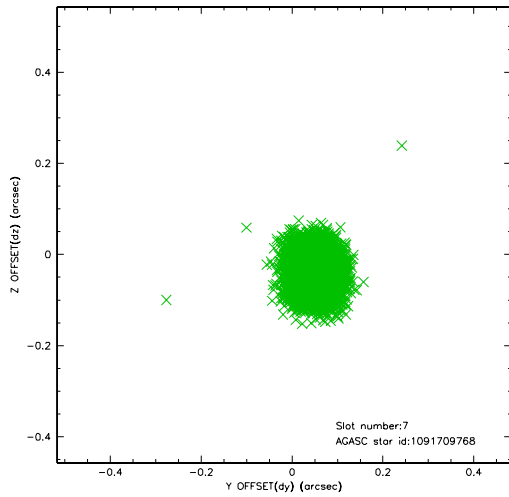
2.4.3 Slot 5



2.4.4 Slot 6

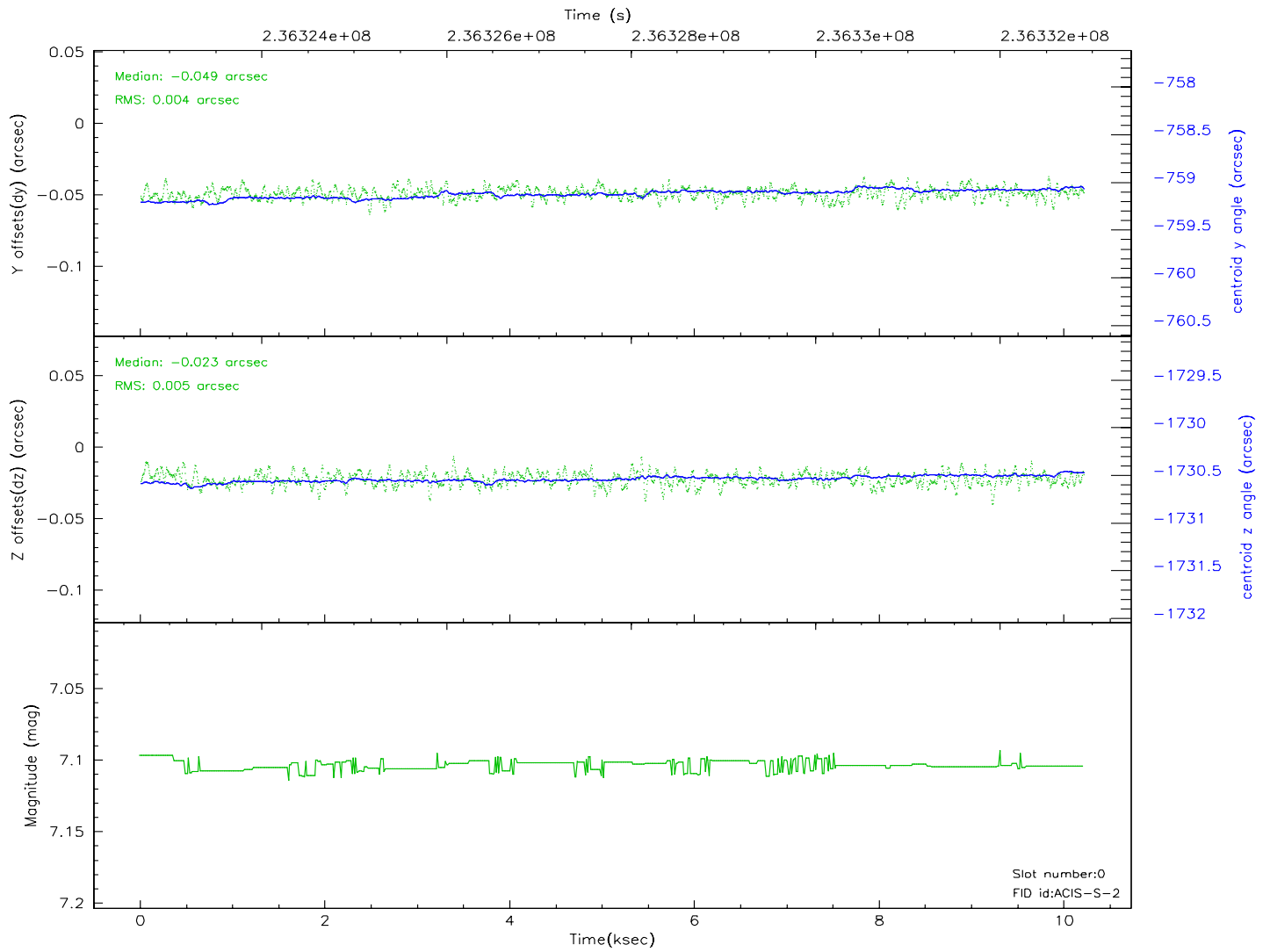
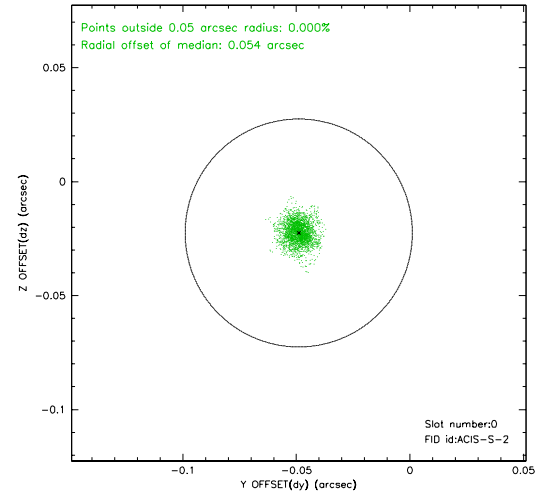
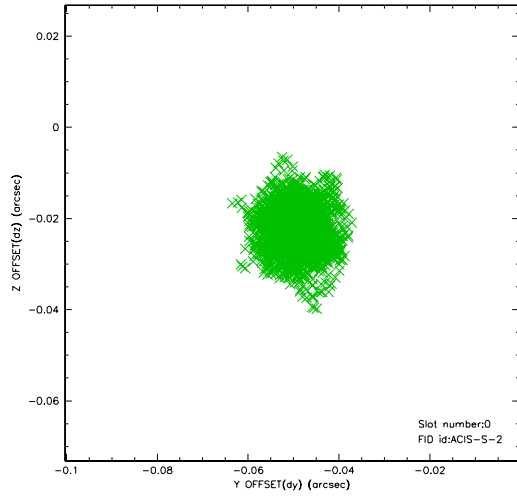


2.4.5 Slot 7

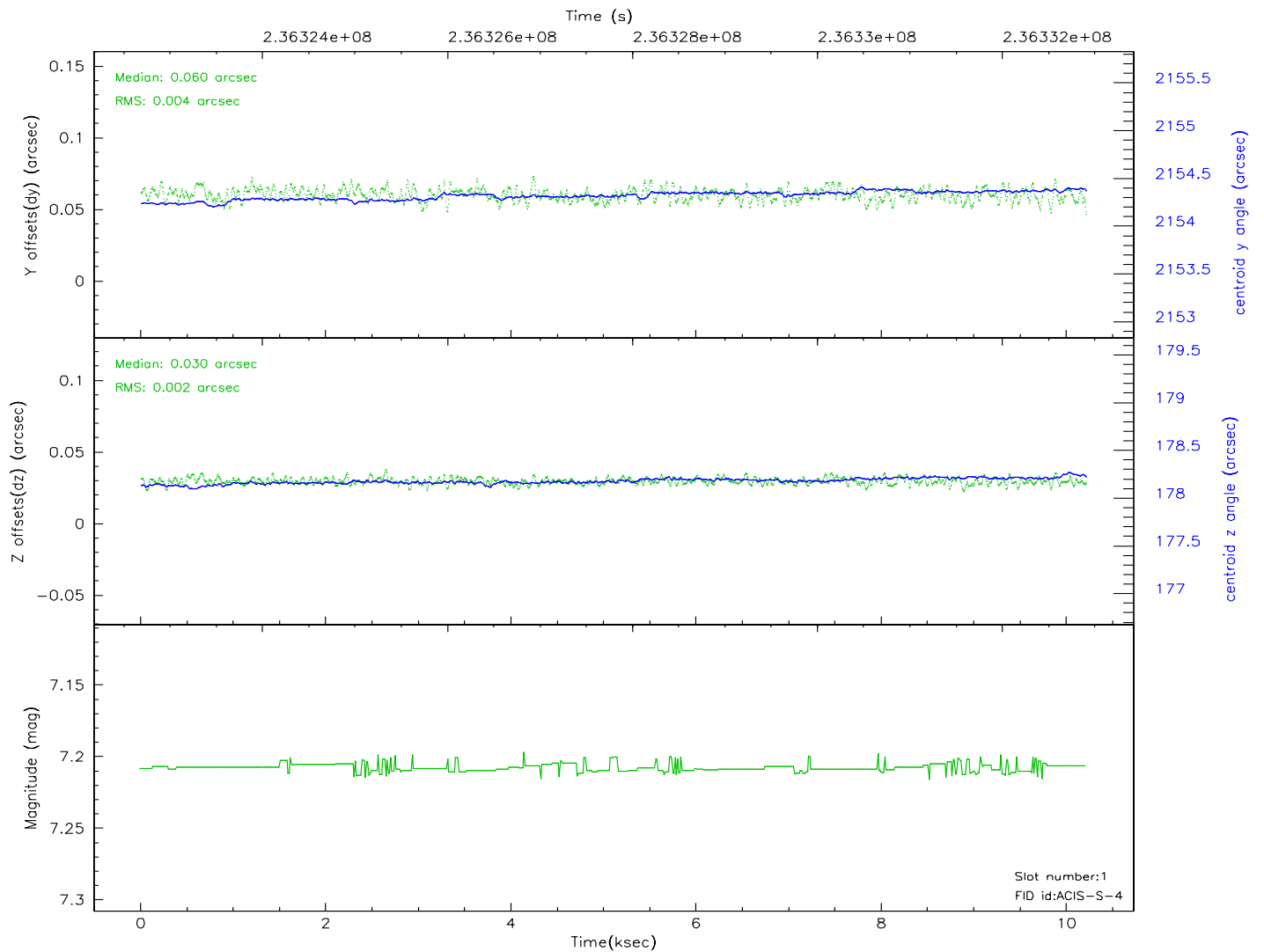
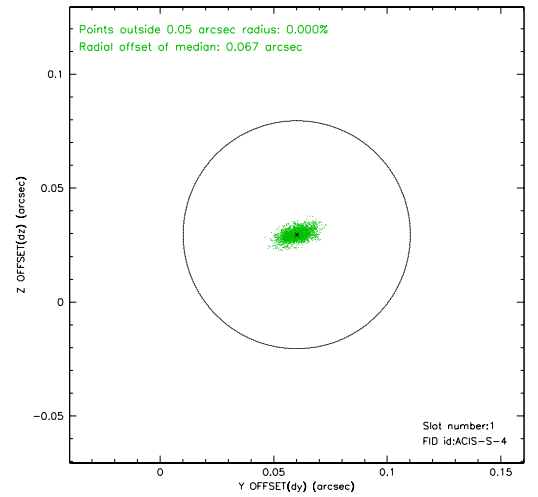
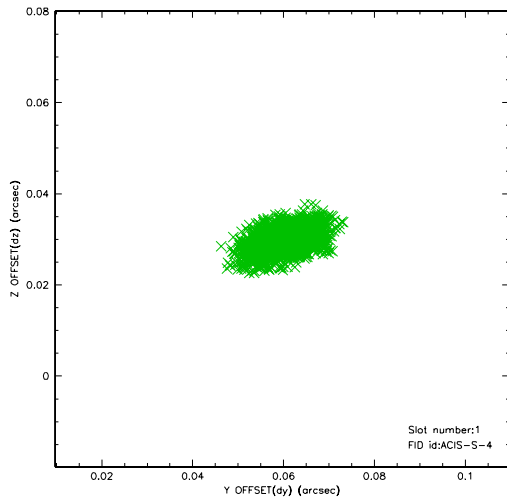


2.5 FID Slots

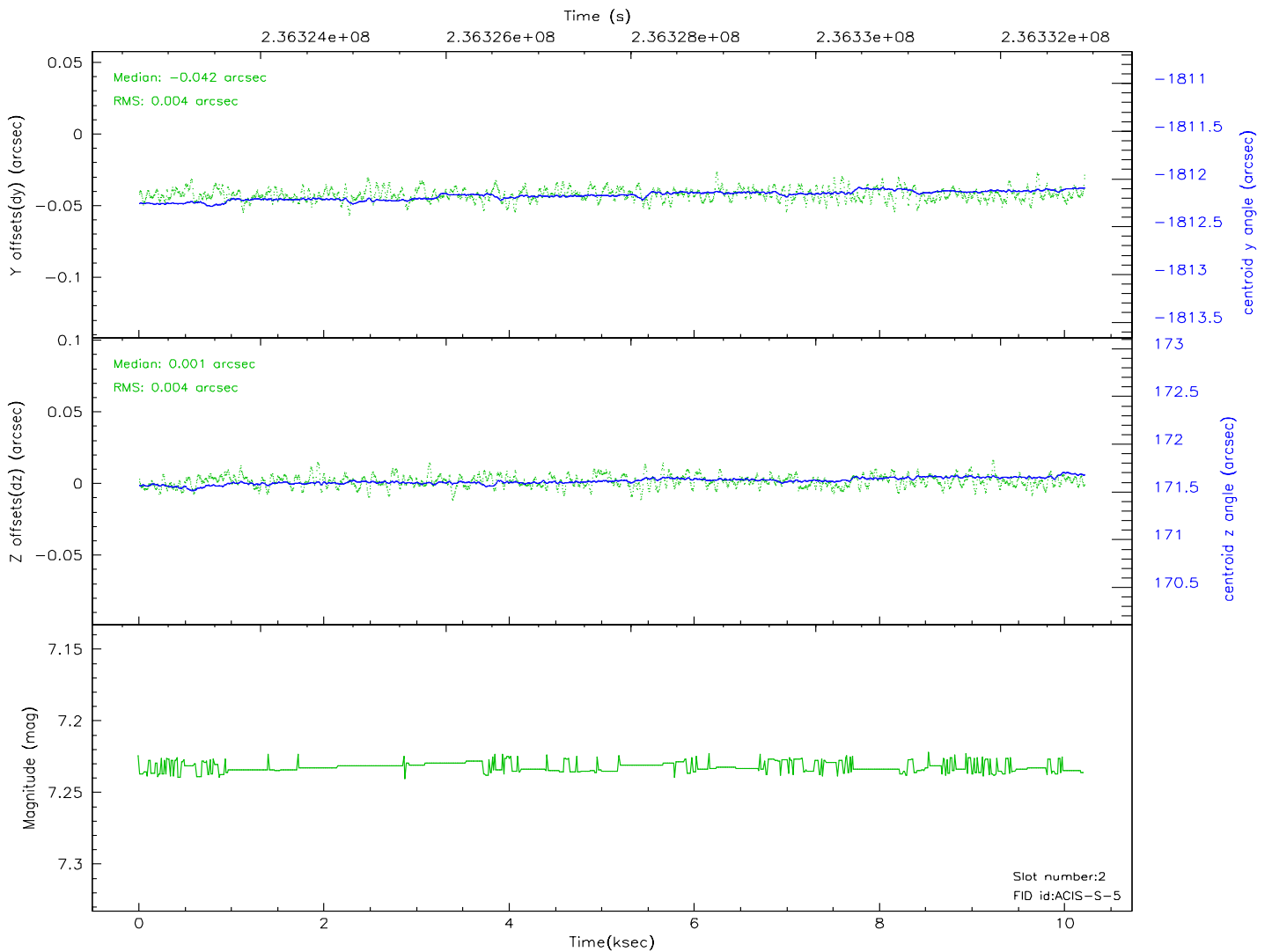
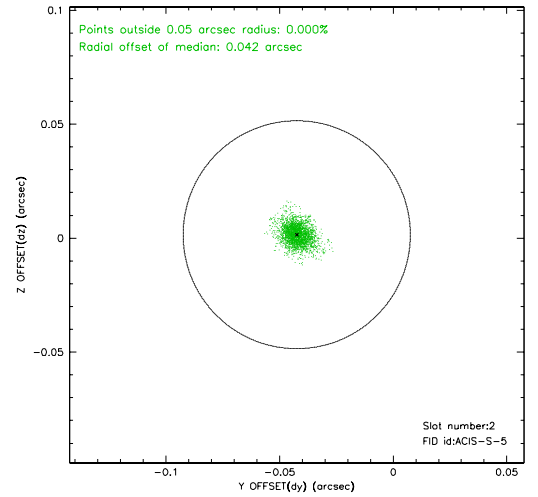
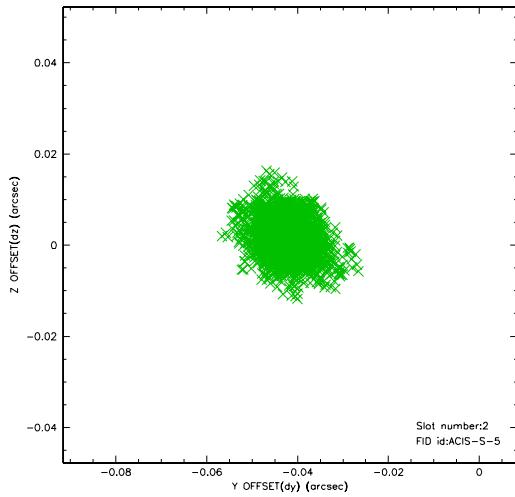
2.5.1 Slot 0



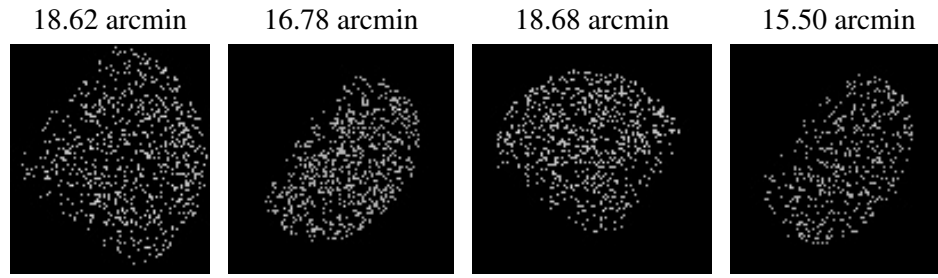
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.03.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.955199

A.2 Comments