

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6127 - L2 Version 001
Chandra X-Ray Center

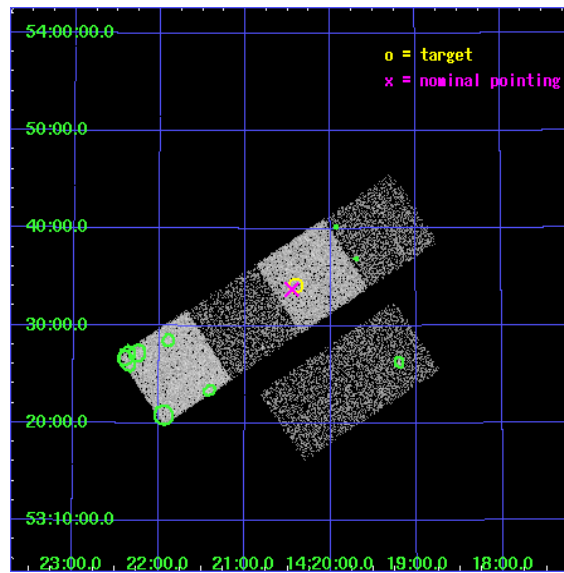
L2 Processing Date : Apr 16 2006

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1 Front

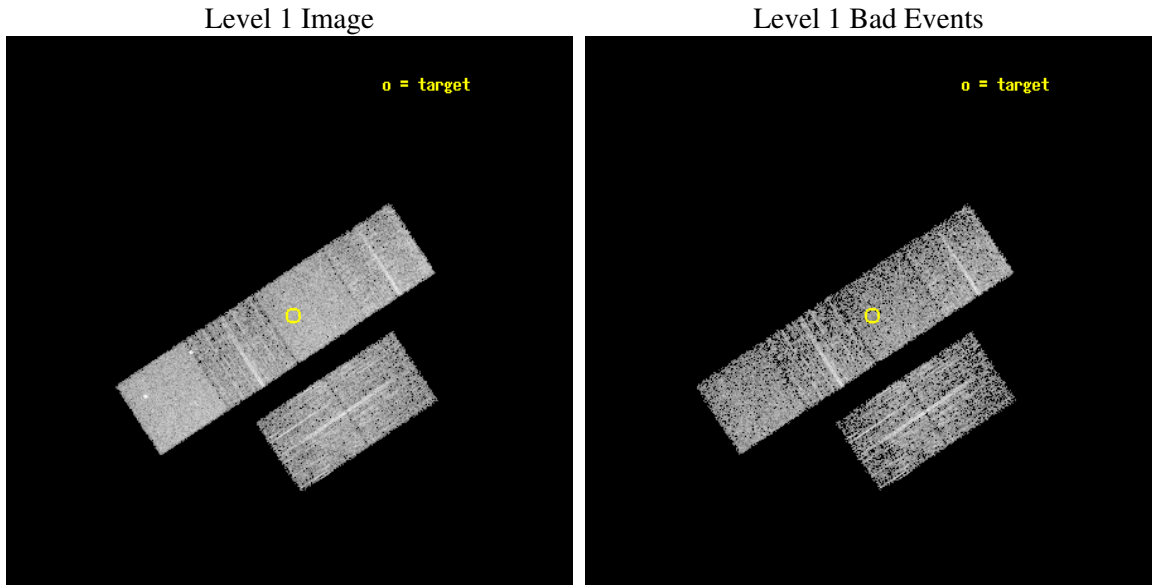
seq_num	700843
obs_id	6127
title	Chandra follow-up of giant-amplitude X-ray flares
observer	Dr. Peter Predehl
object	RXJ1420+5334
dtcycle	0
cycle	P
ra_targ	215.100833
dec_targ	53.569722
ra_nom	215.11280663424
dec_nom	53.562977692803
roll_nom	326.65230182731
revision	2
ontime	3174.3999881744
livetime	3134.20382413
ontime2	3174.3999881744
ontime3	3174.3999881744
ontime5	3174.3999881744
ontime6	3174.3999881744
ontime7	3174.3999881744
ontime8	3167.9181273282
l2events	36606



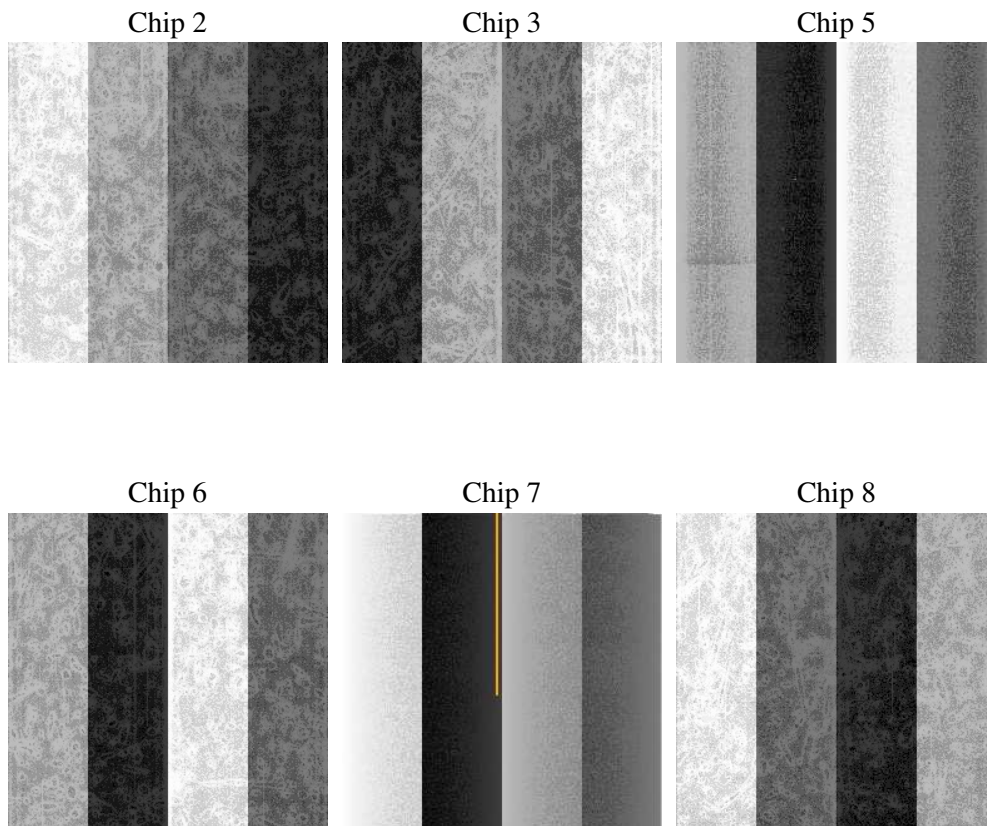
2 OBI

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	2006-04-16T17:42:09
revision	2

sched_exp_time	3420.000000
ontime	3179.4225319326
ontime2	3179.4225319326
ontime3	3179.4225319326
ontime5	3179.4225319326
ontime6	3179.4225319326
ontime7	3179.4225319326
ontime8	3172.9405714273
l1events	173815

2.1.4 Events

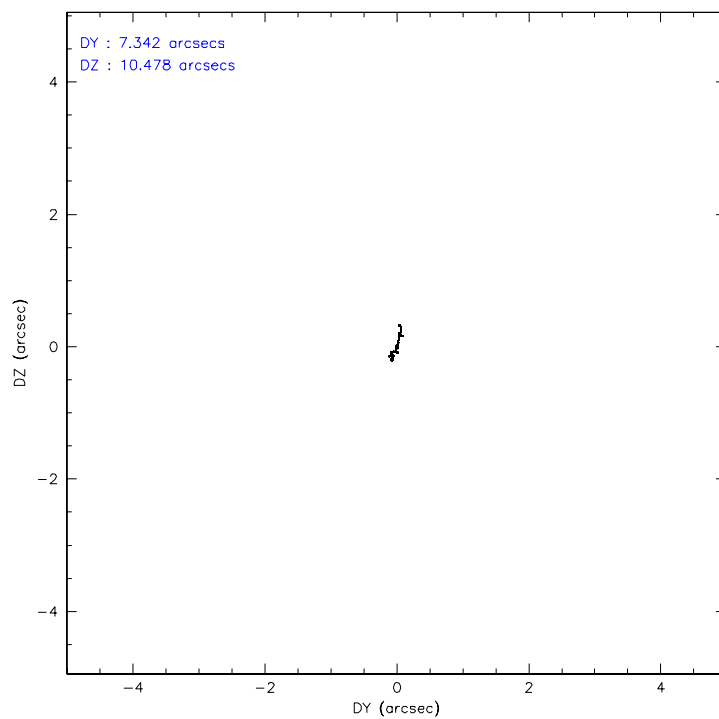
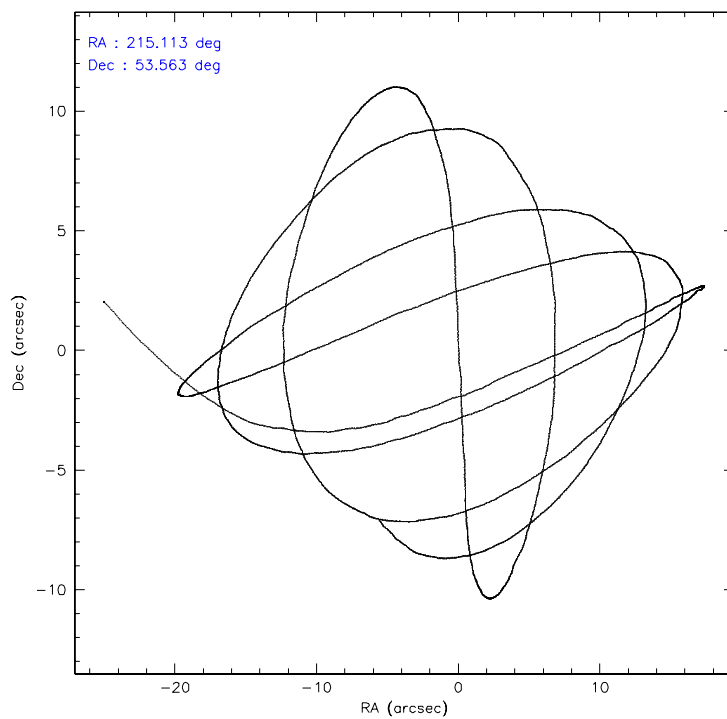
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	25190	23074	35770	25658	32048	32075
rejected events	22407	20193	20305	22930	19817	25749
rejected %	88%	87%	56%	89%	61%	80%

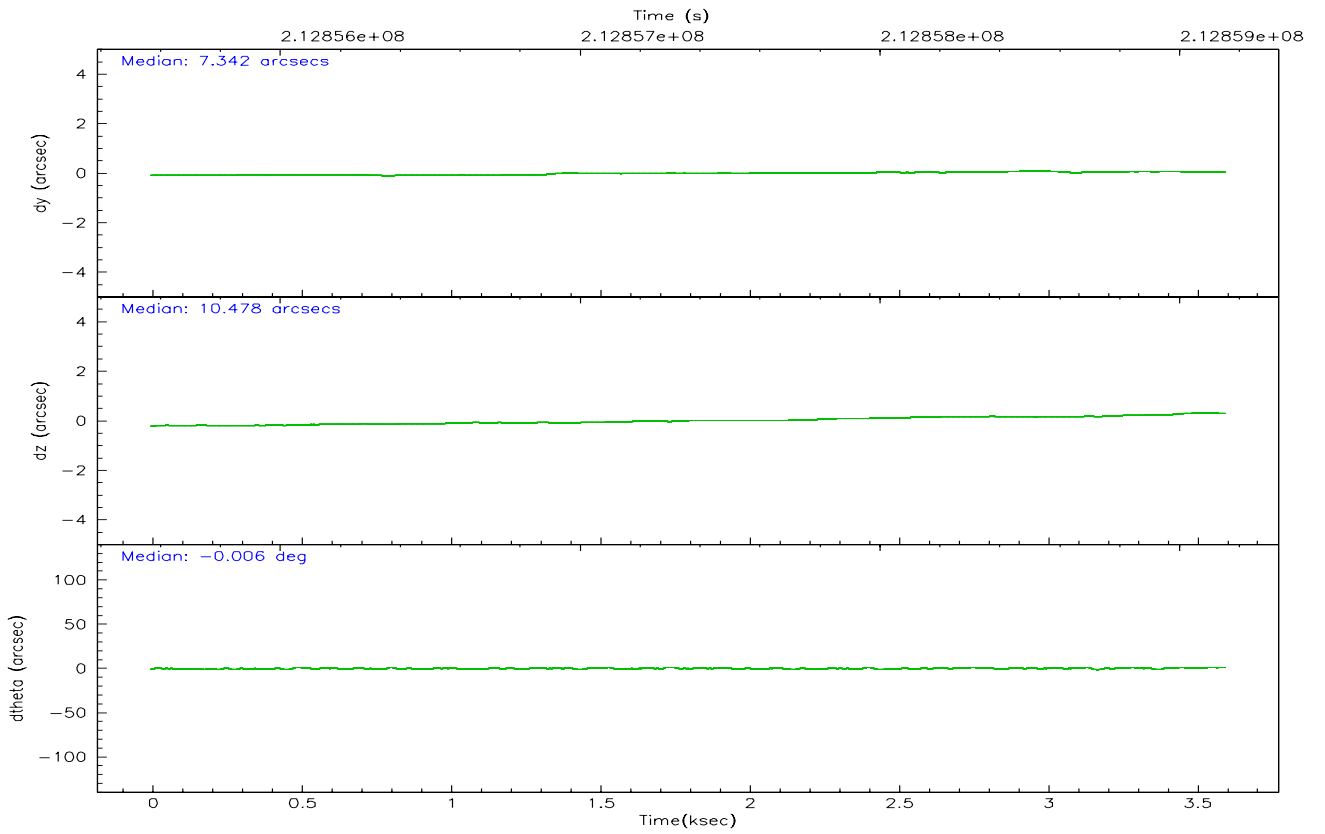
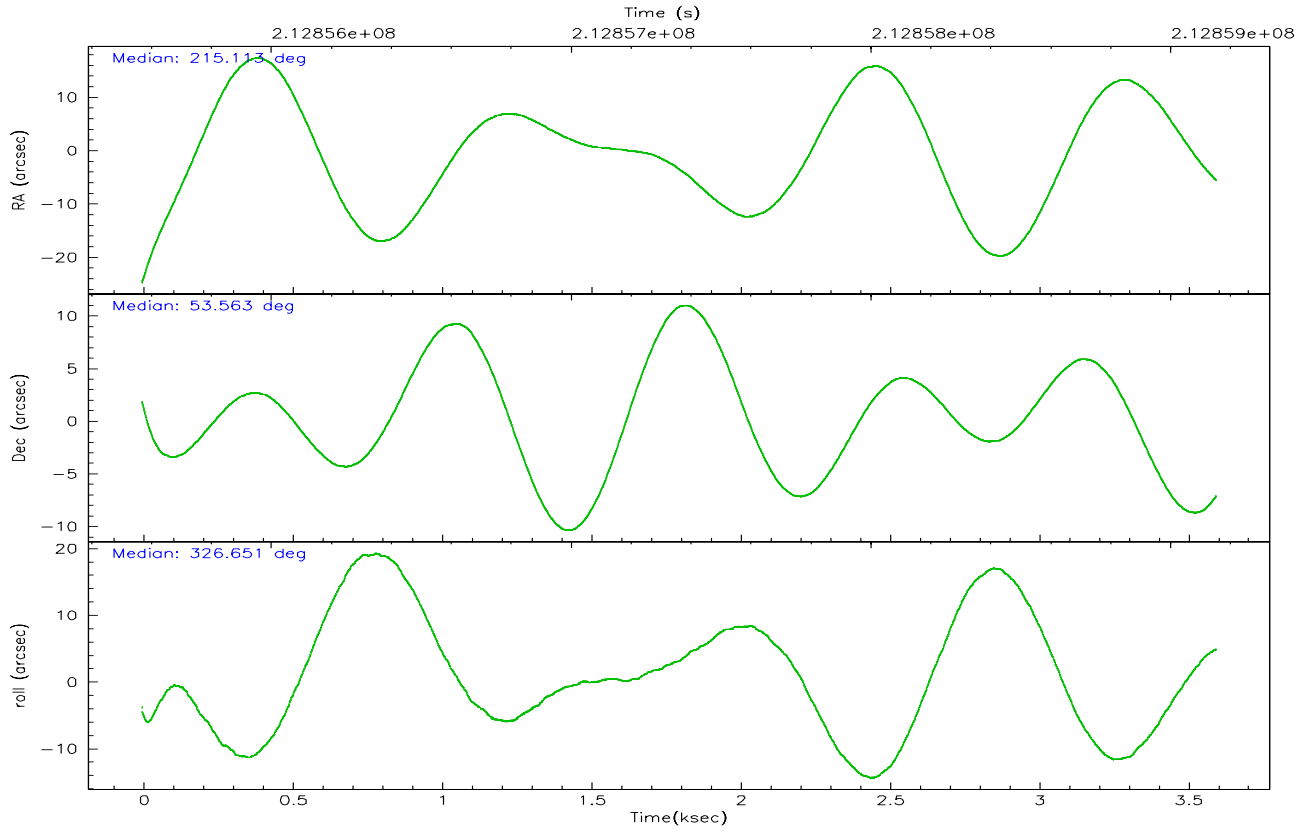
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	1226	1274	1027	1083	699	2030
	4%	5%	2%	4%	2%	6%
grade 1 events	11	15	77	11	20	25
	0%	0%	0%	0%	0%	0%
grade 2 events	551	537	4738	571	3072	1365
	2%	2%	13%	2%	9%	4%
grade 3 events	263	313	356	268	599	699
	1%	1%	0%	1%	1%	2%
grade 4 events	285	283	356	253	593	619
	1%	1%	0%	0%	1%	1%
grade 5 events	946	1070	1769	1072	2085	1351
	3%	4%	4%	4%	6%	4%
grade 6 events	459	478	9002	560	7281	1623
	1%	2%	25%	2%	22%	5%
grade 7 events	21449	19104	18445	21840	17699	24363
	85%	82%	51%	85%	55%	75%

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	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	215.066865	215.1128066342402	Alternating exposures requested	N	N
Pointing Dec	53.564291	53.56297769280288	Primary exposure time	0.000000	3.2
Pointing Roll	326.532695	326.6523018273057			
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	212855740.184000	212855011.63738			
Observation start date	2004-09-29T14:34:36	2004-09-29T14:23:31			
Observation end time	212859160.184000	212859630.28758			
Observation end date	2004-09-29T15:31:36	2004-09-29T15:40:30			
Read mode	TIMED	TIMED			

2.3 Aspect



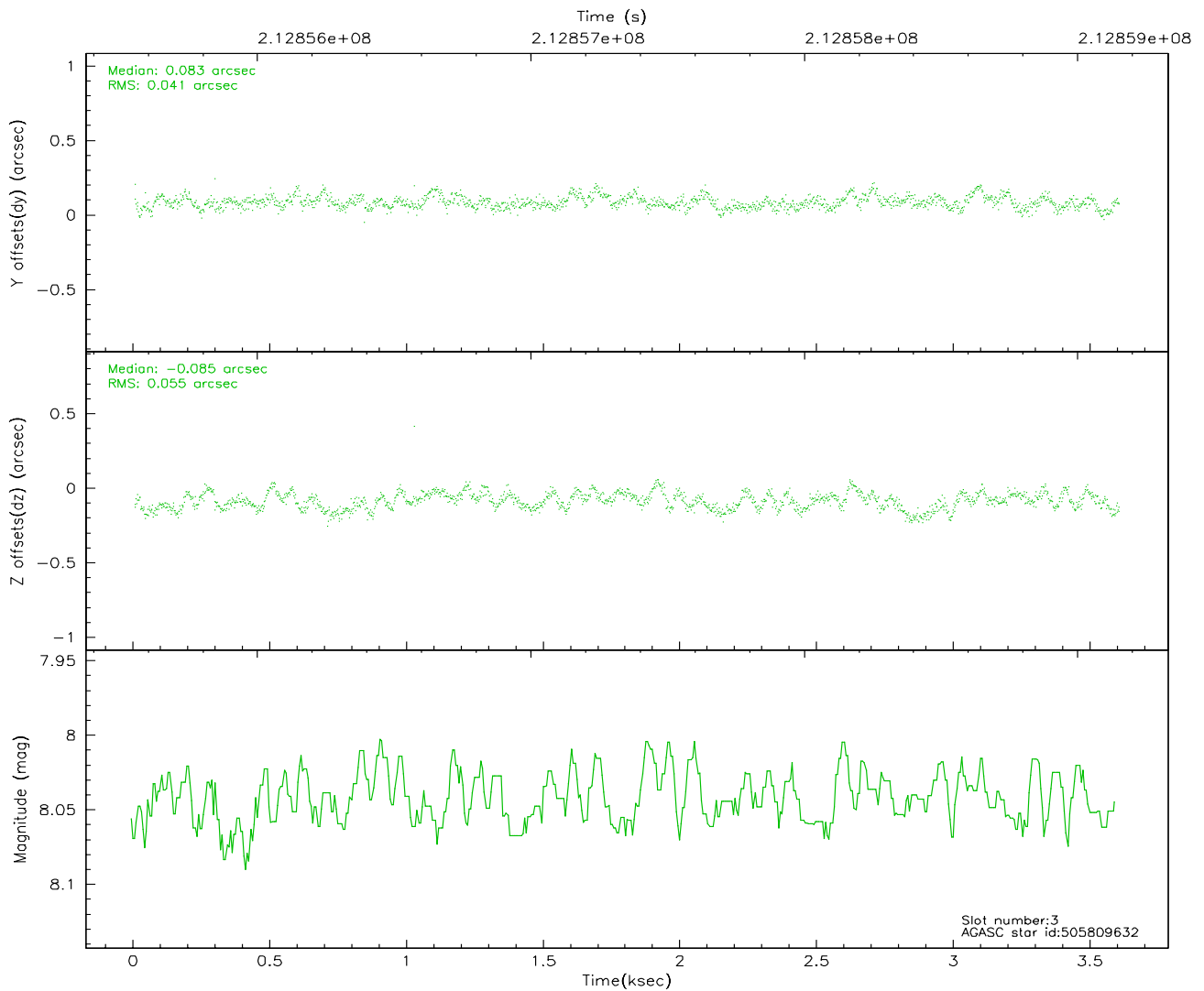
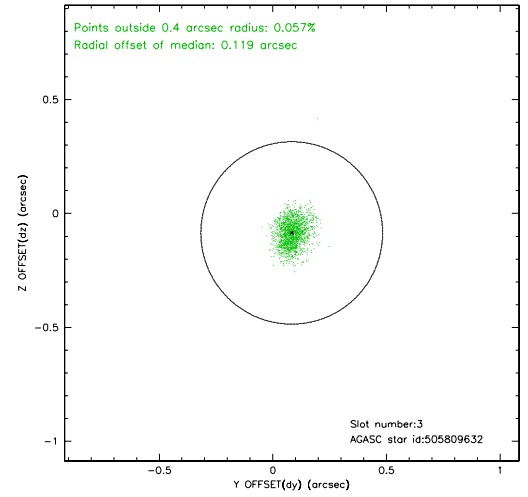
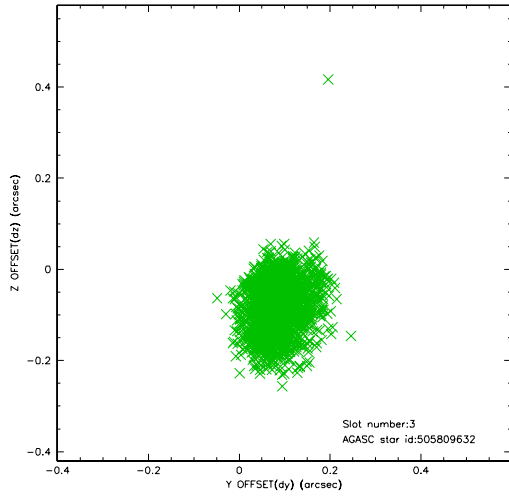


Slot Statistics

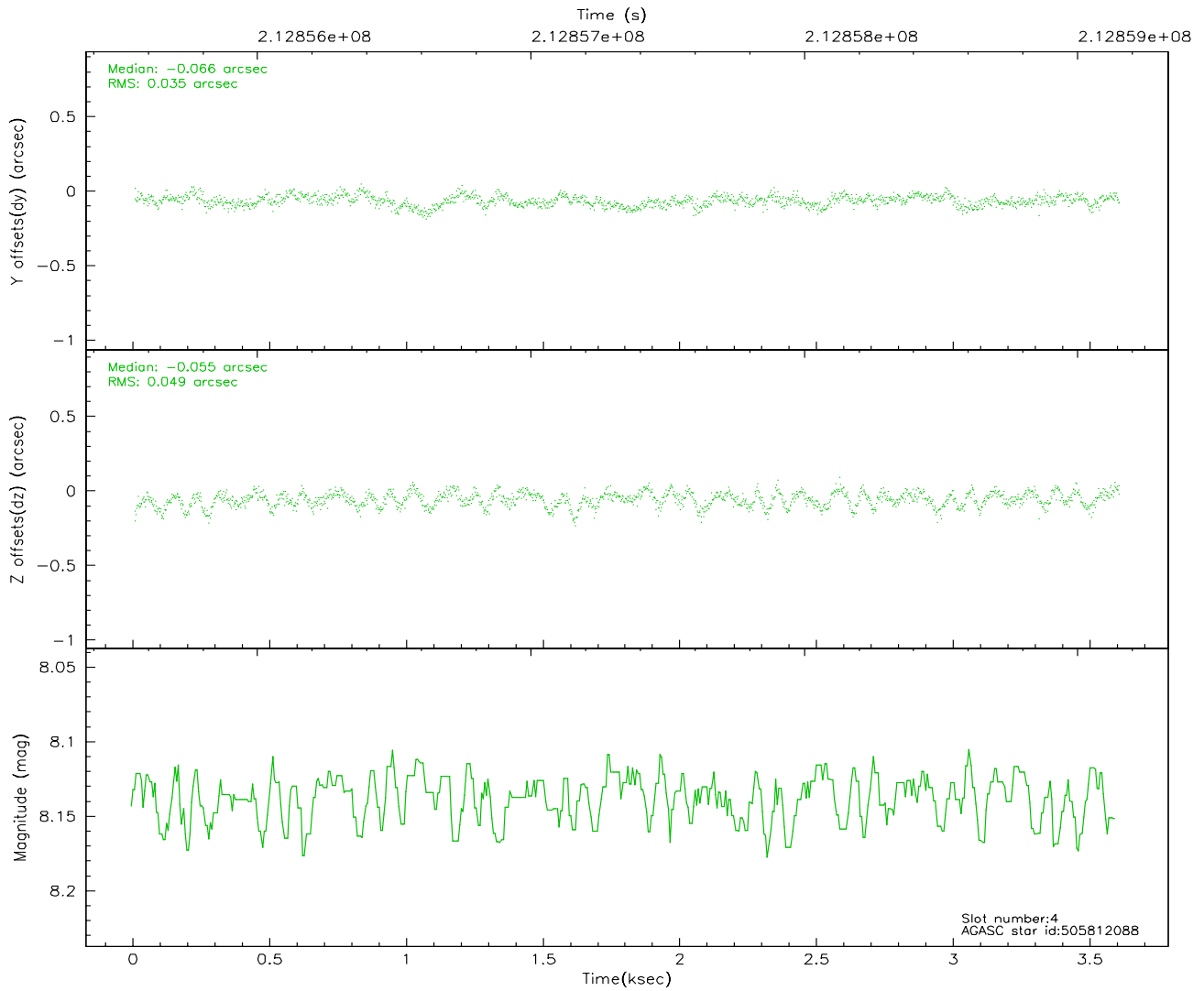
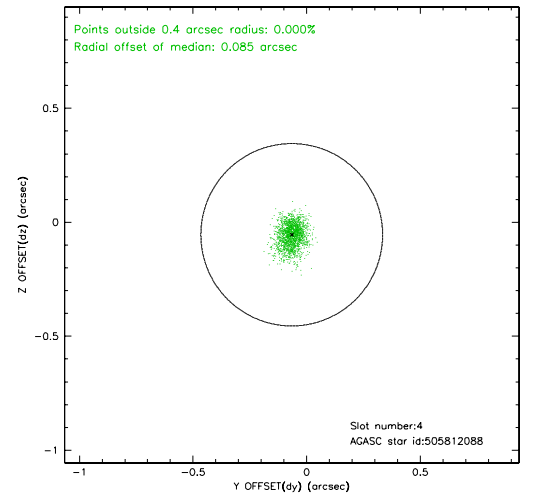
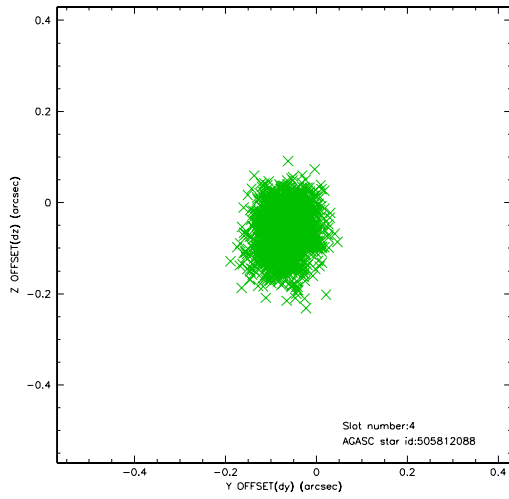
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	877	0.016	-0.035	0.012	0.020	0.000000	0.000000	935.97	-1727.36
1	FID	ACIS-S-5	7.23	879	-0.039	0.012	0.006	0.011	0.000000	0.000000	-1812.11	168.43
2	FID	ACIS-S-6	7.35	878	0.001	0.036	0.011	0.017	0.000000	0.000000	399.61	814.40
3	GUIDE	505809632	8.04	1757	0.083	-0.085	0.073	0.118	215.499426	53.521185	856.07	383.68
4	GUIDE	505812088	8.14	1756	-0.066	-0.055	0.064	0.105	214.186617	53.263562	-990.45	-1938.17
5	GUIDE	505815088	7.30	1757	-0.154	0.005	0.055	0.099	216.315963	53.584954	2172.25	1552.85
6	GUIDE	505817176	8.26	1757	-0.050	-0.019	0.056	0.093	216.408138	53.717379	2065.40	2059.15
7	GUIDE	505811688	9.91	1754	0.176	0.159	0.109	0.184	214.148747	53.627794	-1767.08	-878.06

2.4 Star Slots

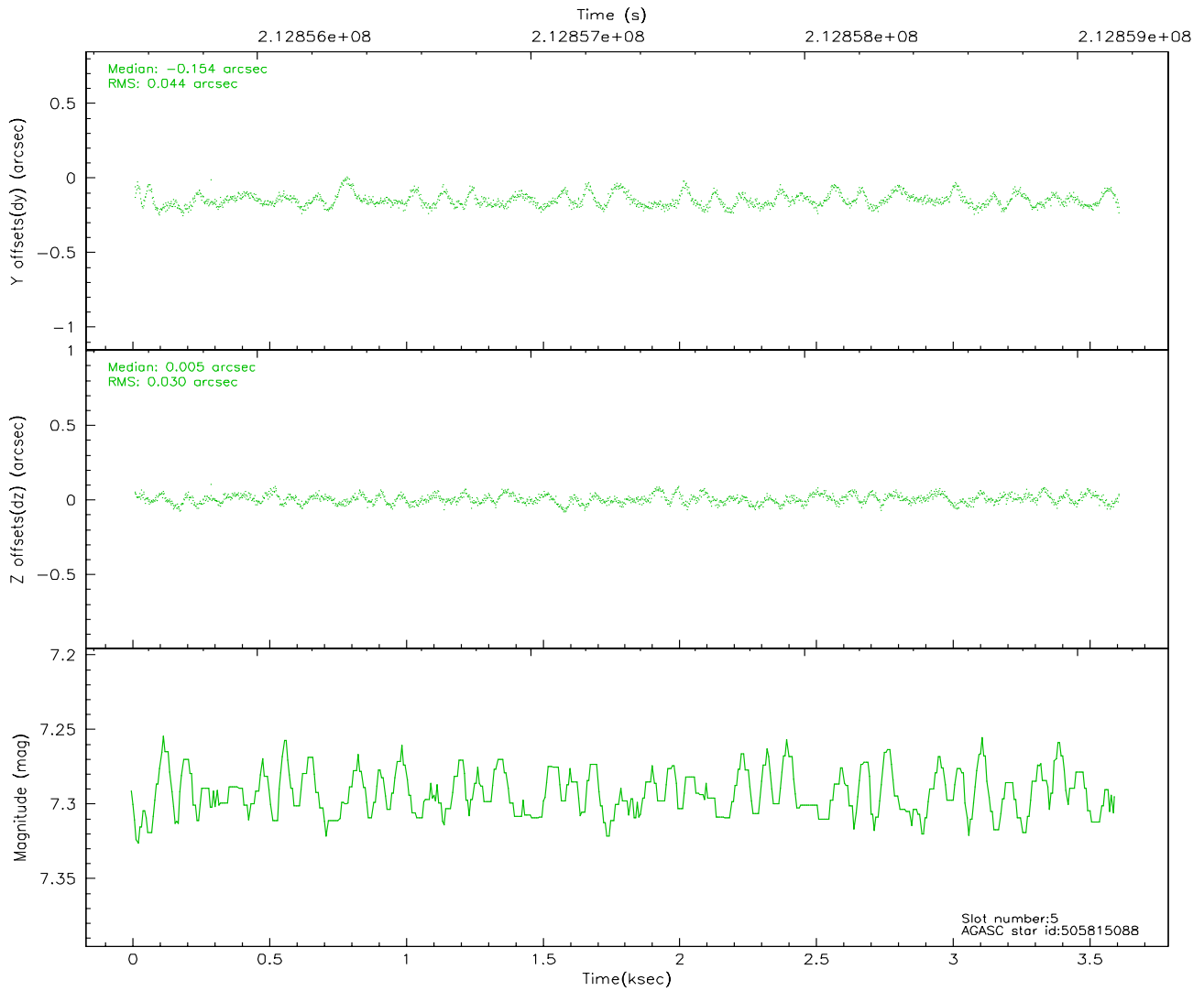
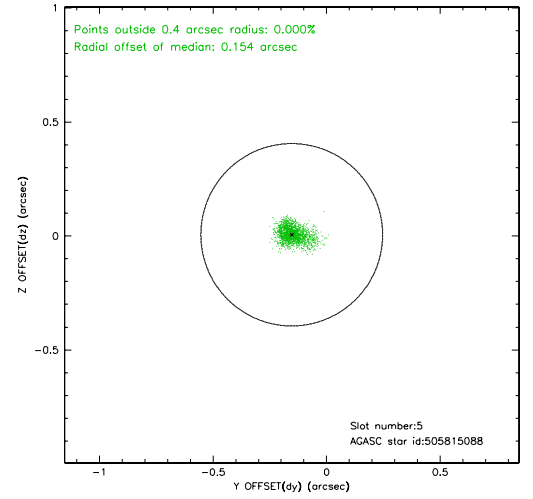
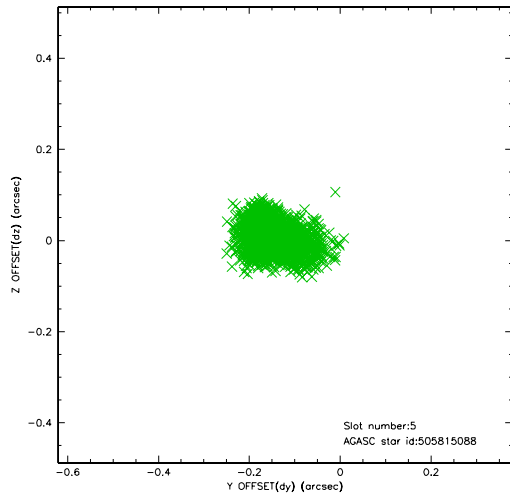
2.4.1 Slot 3



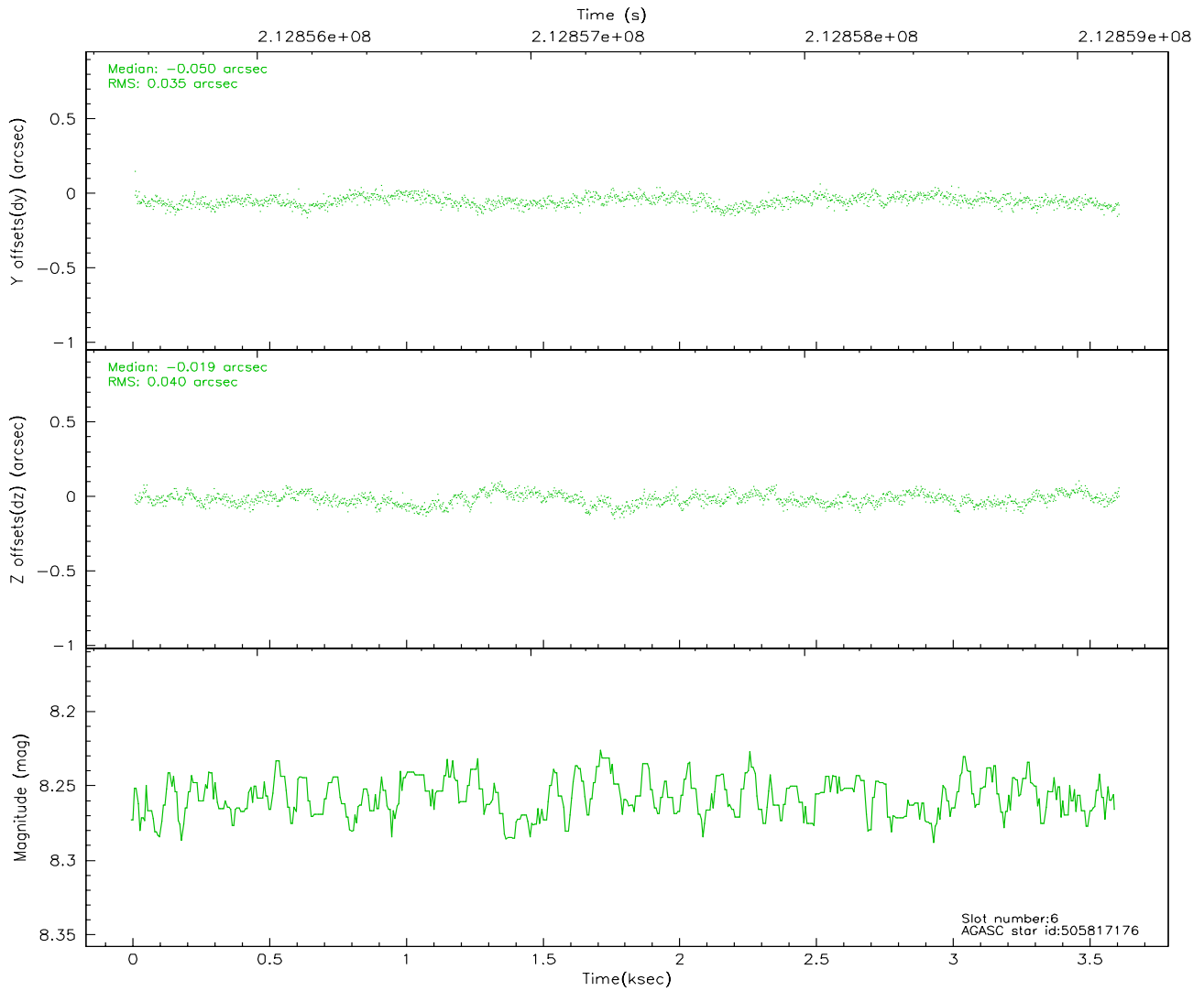
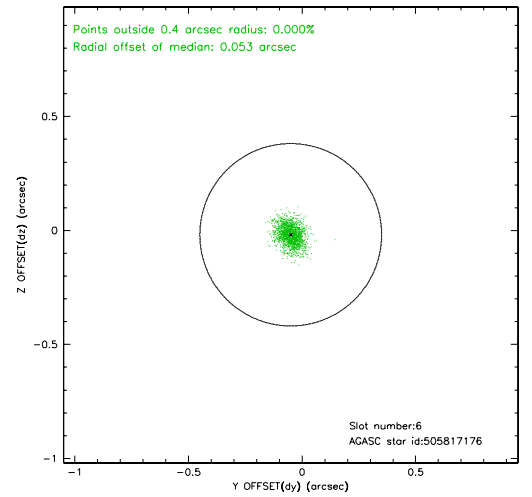
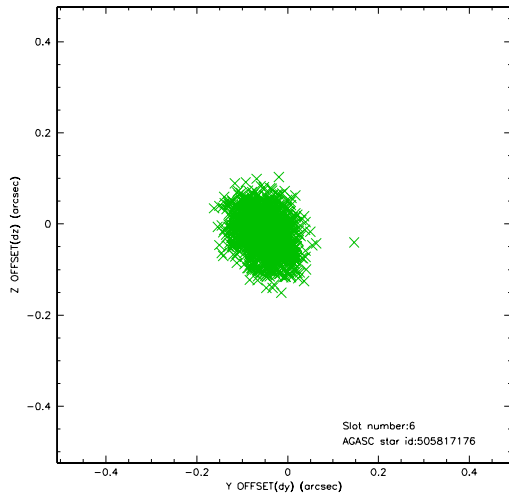
2.4.2 Slot 4



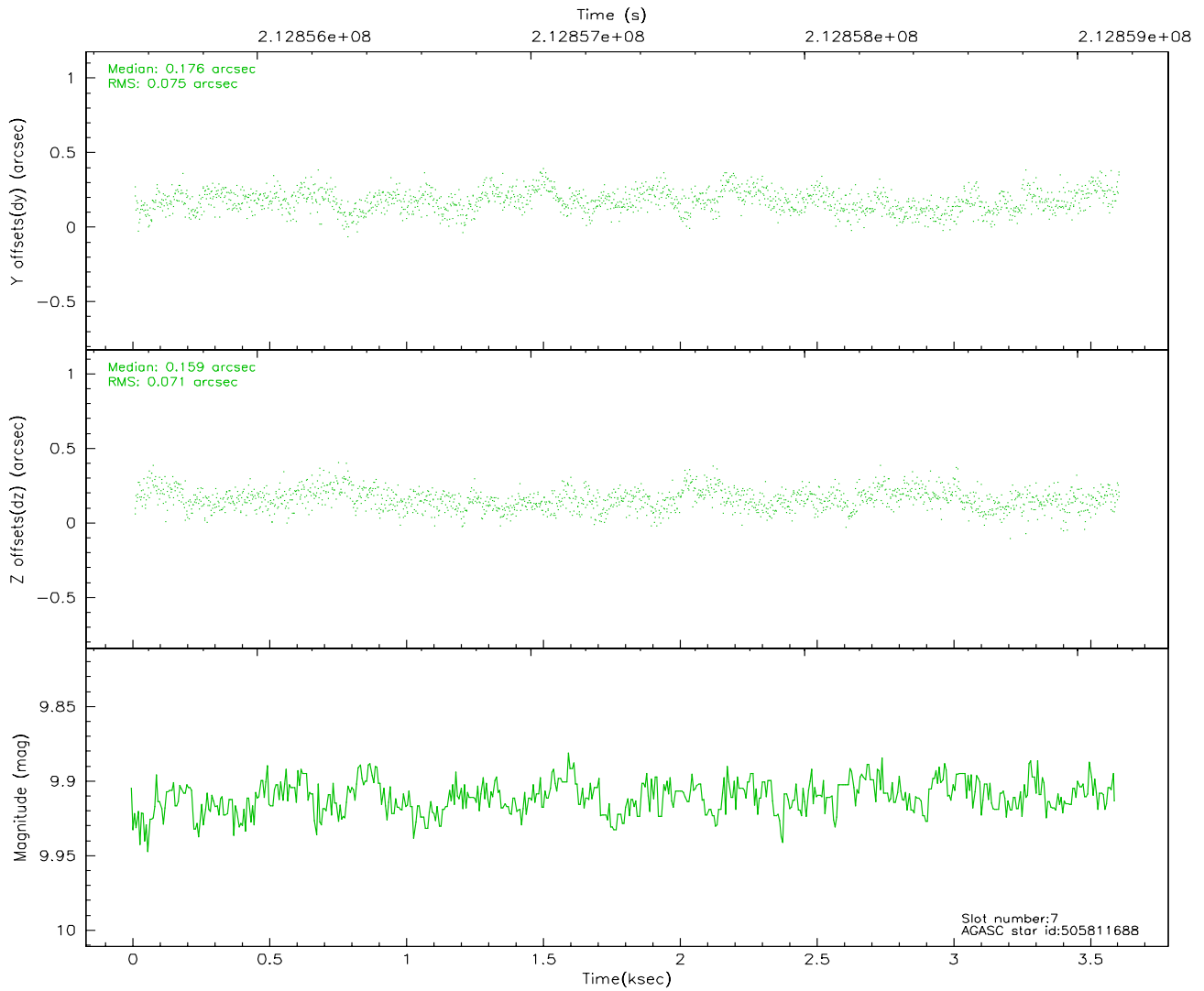
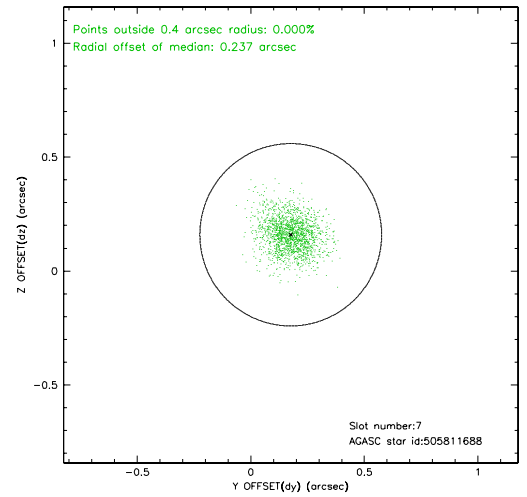
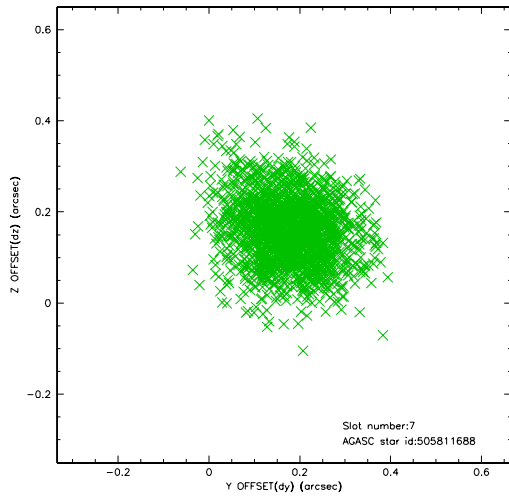
2.4.3 Slot 5



2.4.4 Slot 6

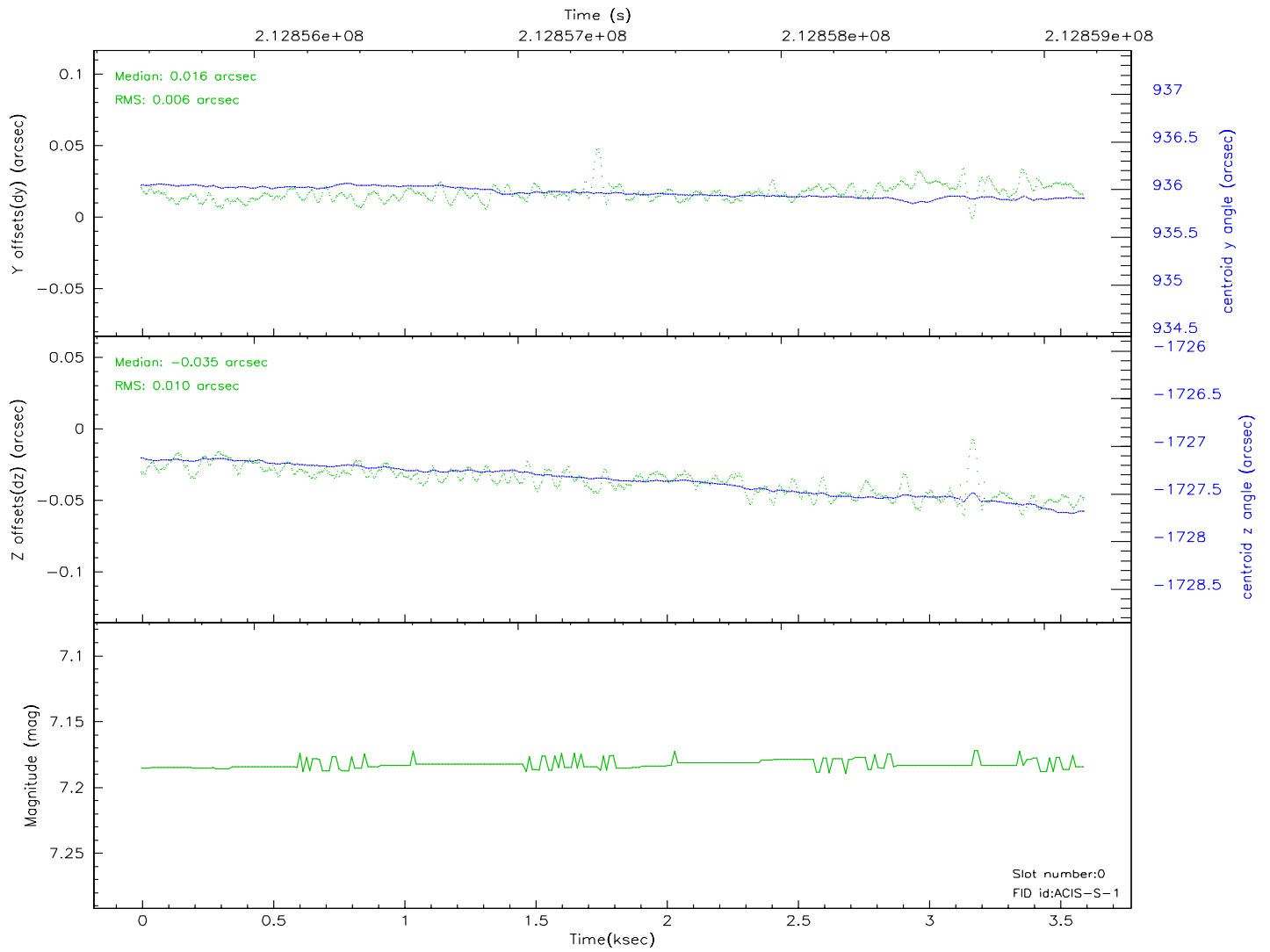
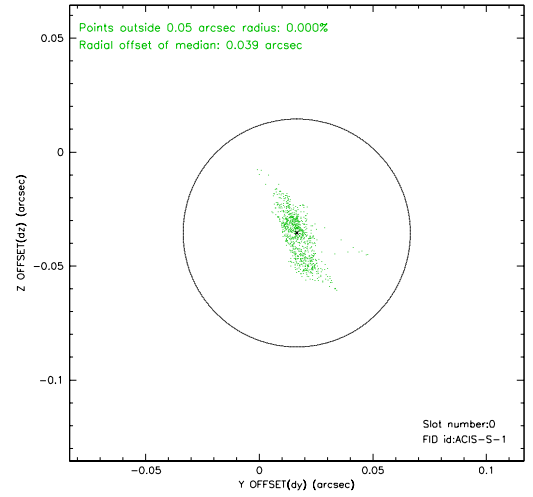
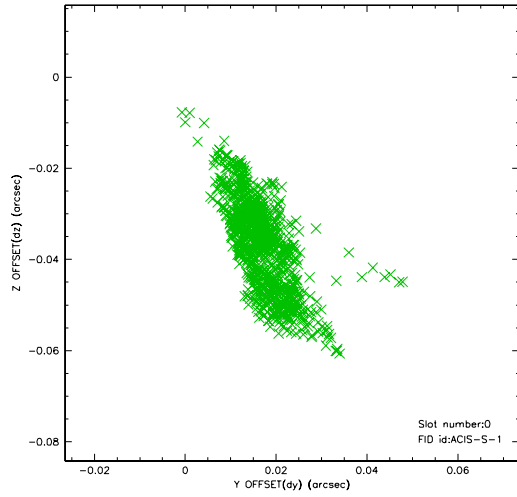


2.4.5 Slot 7

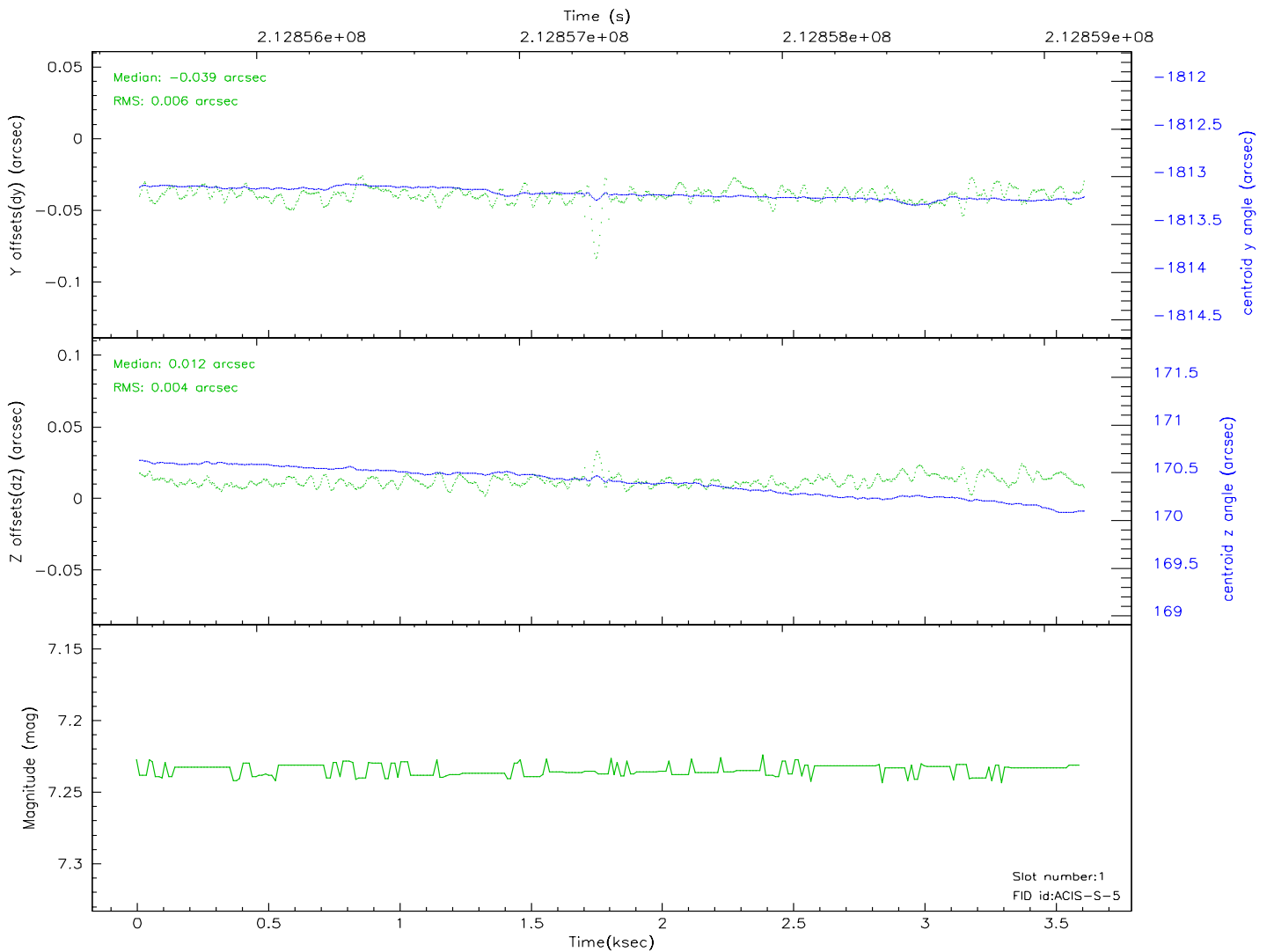
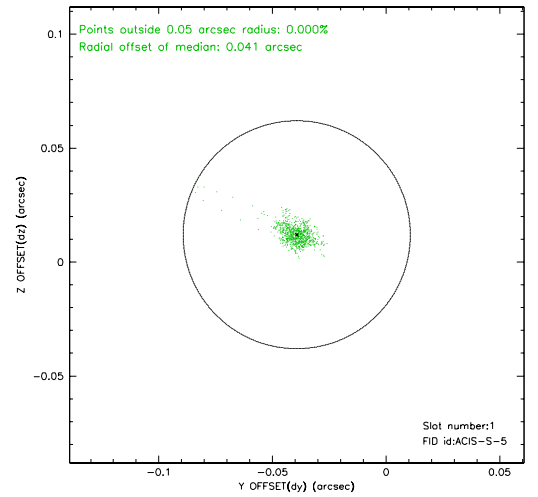
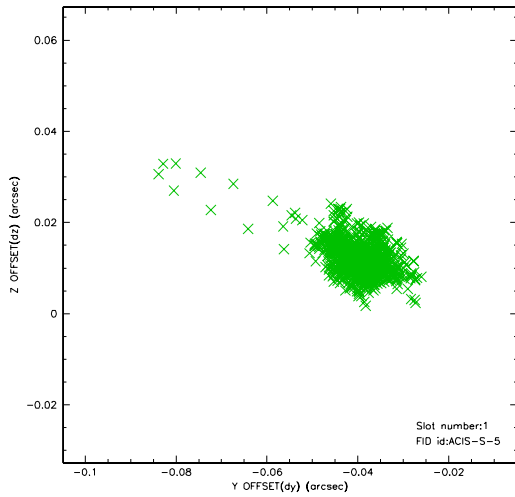


2.5 FID Slots

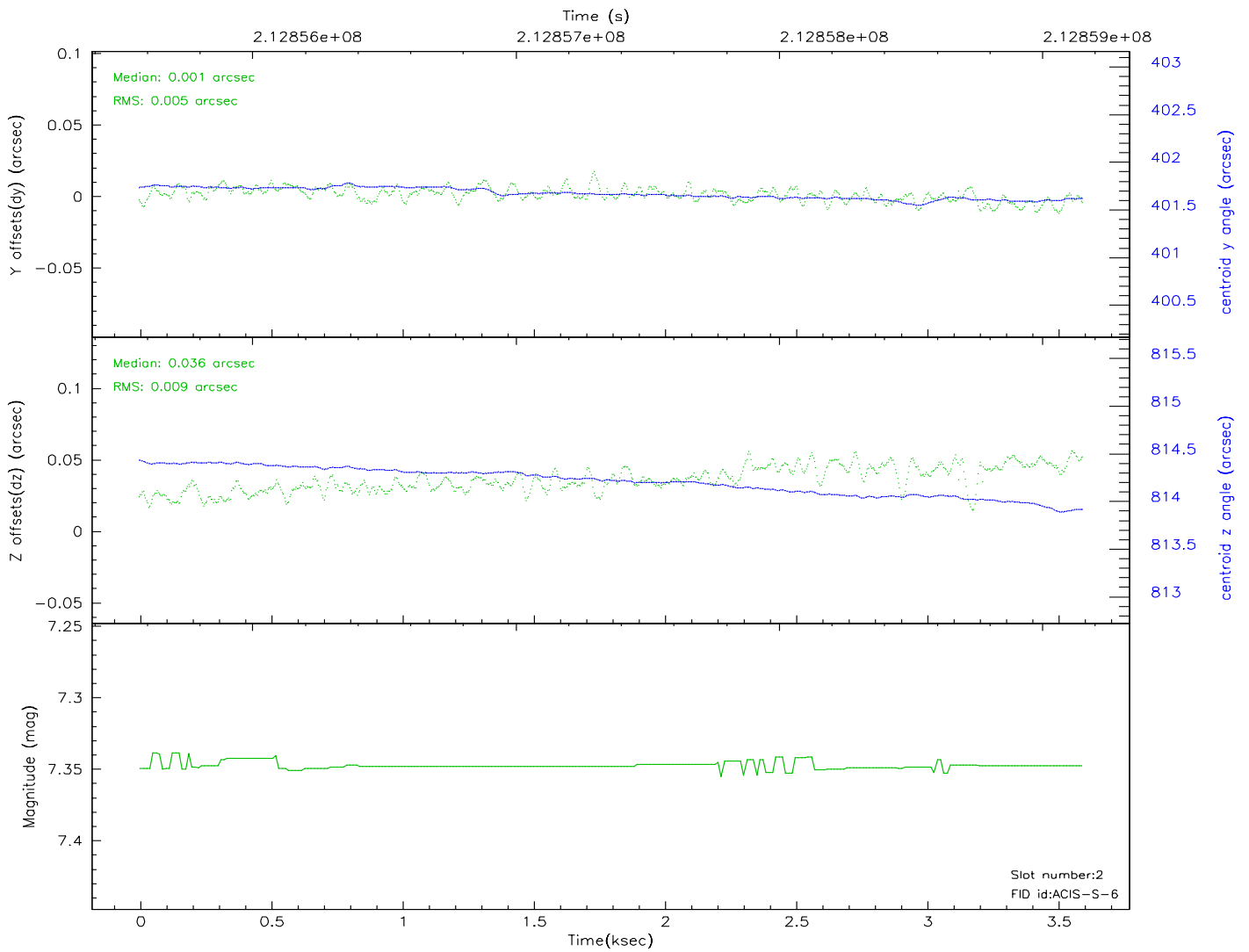
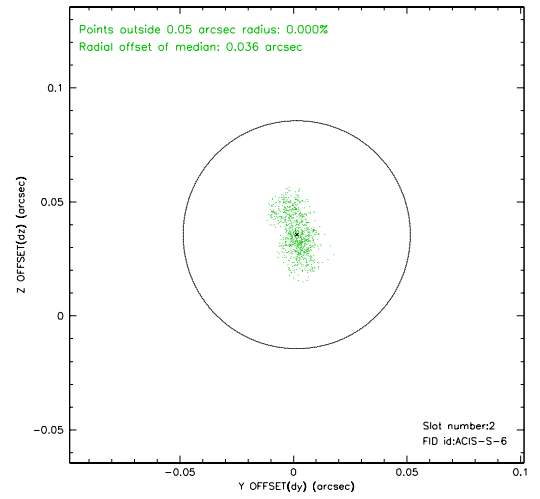
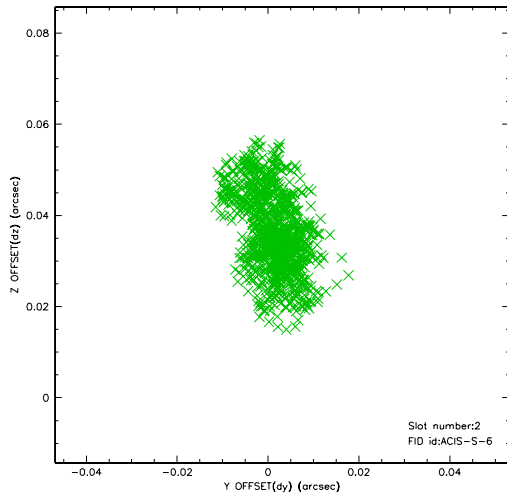
2.5.1 Slot 0



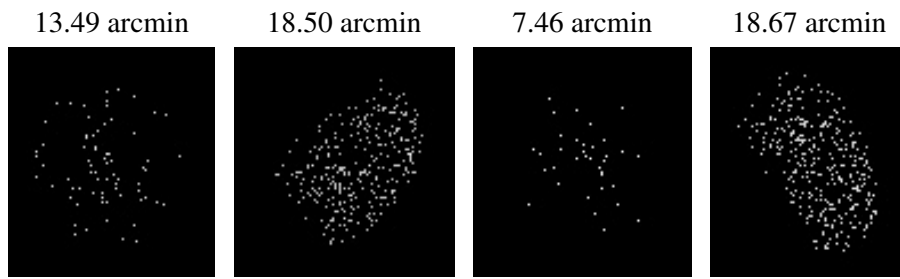
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.04.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.174

A.2 Comments