

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1665 - L2 Version 001
Chandra X-Ray Center

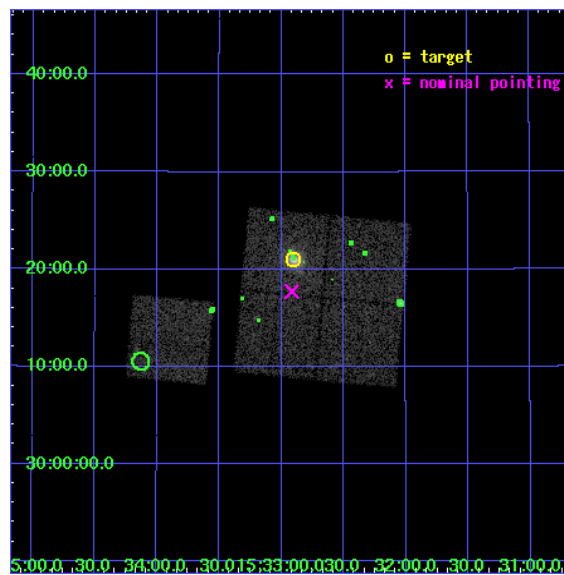
L2 Processing Date : Dec 30 2006

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1 Front

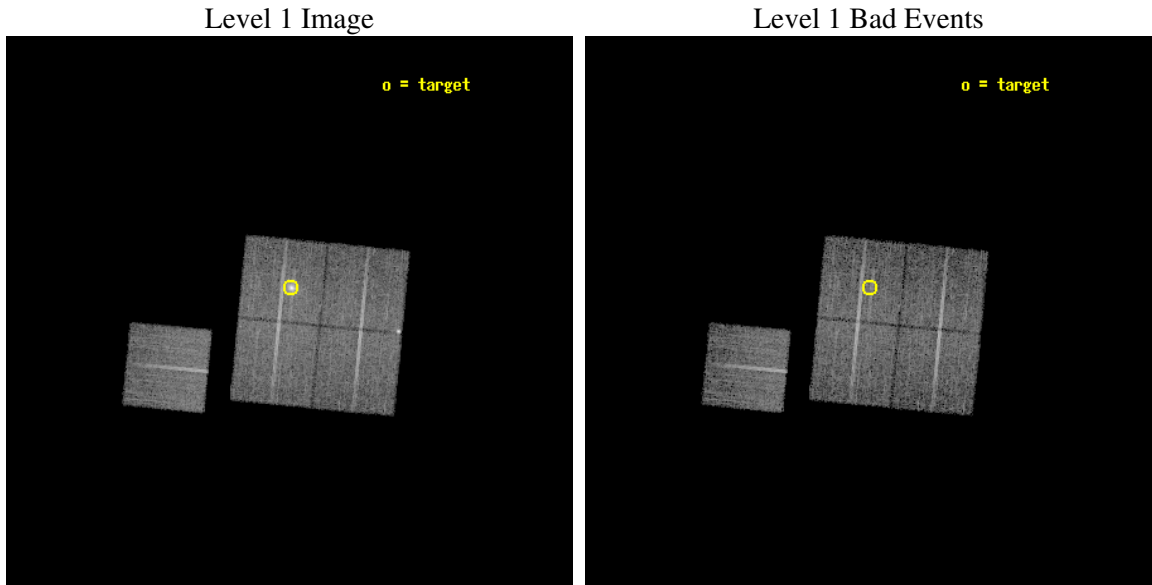
seq_num	800133
obs_id	1665
title	DETERMINATION OF H0 AND Q0, 2000 PART 1
observer	DR. LEON VANSPEYBROECK
object	RXJ 1532.9+3021
dtcycle	0
cycle	P
ra_targ	233.225
dec_targ	30.35
ra_nom	233.22878218198
dec_nom	30.295696574861
roll_nom	275.56028992742
revision	2
ontime	10105.999980569
livetime	9973.9576508938
ontime0	10102.858990416
ontime1	10105.999980569
ontime2	10105.999980569
ontime3	10105.999980569
ontime6	10105.999980569
l2events	41351



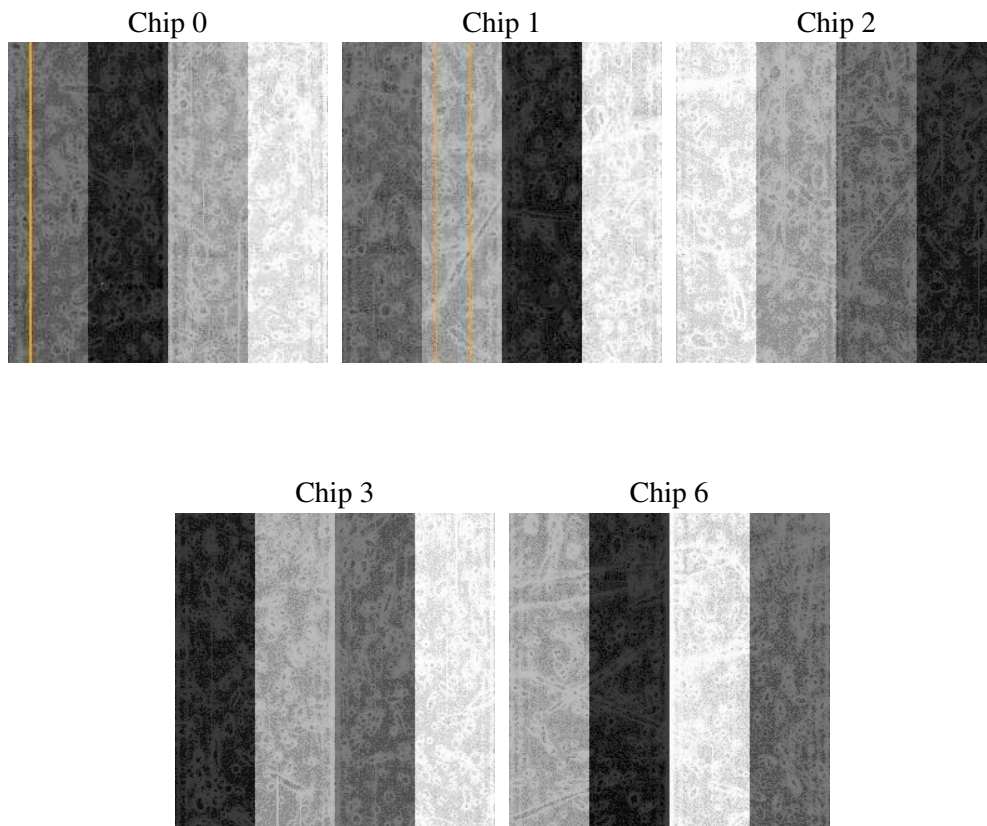
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2006-12-31T02:11:01
revision	2

sched_exp_time	10000.000000
ontime	10110.874749646
ontime0	10107.733759493
ontime1	10110.874749646
ontime2	10110.874749646
ontime3	10110.874749646
ontime6	10110.874749646
l1events	326730

2.1.4 Events

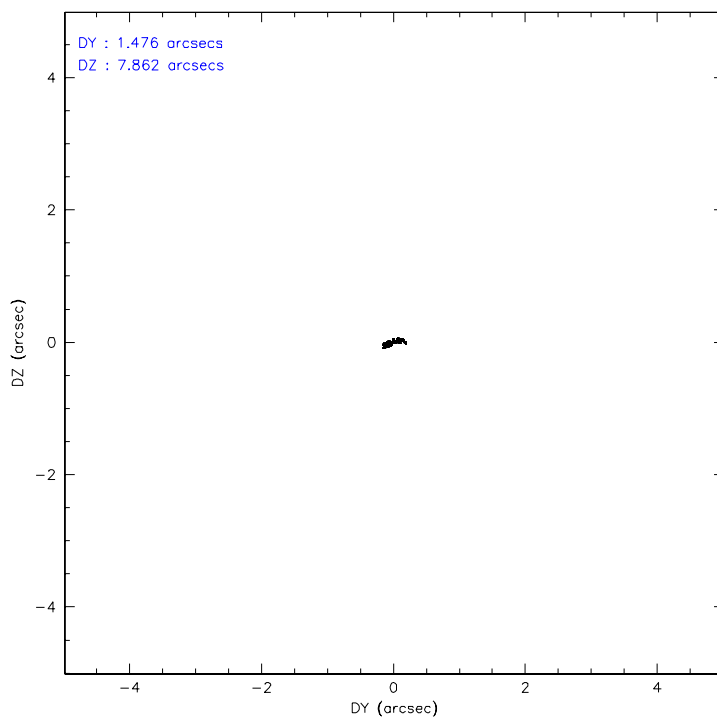
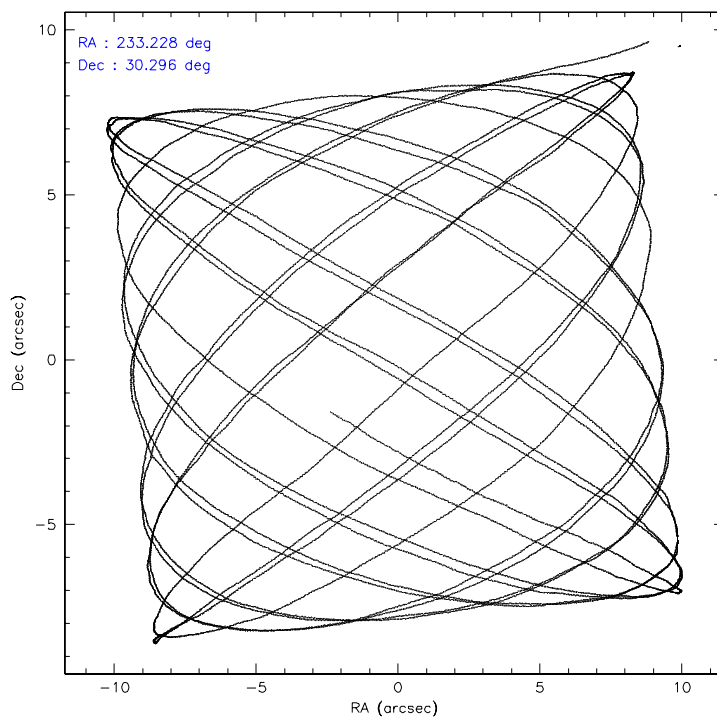
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	61111	60114	66156	71770	67579
rejected events	53376	50950	58668	56615	59717
rejected %	87%	84%	88%	78%	88%

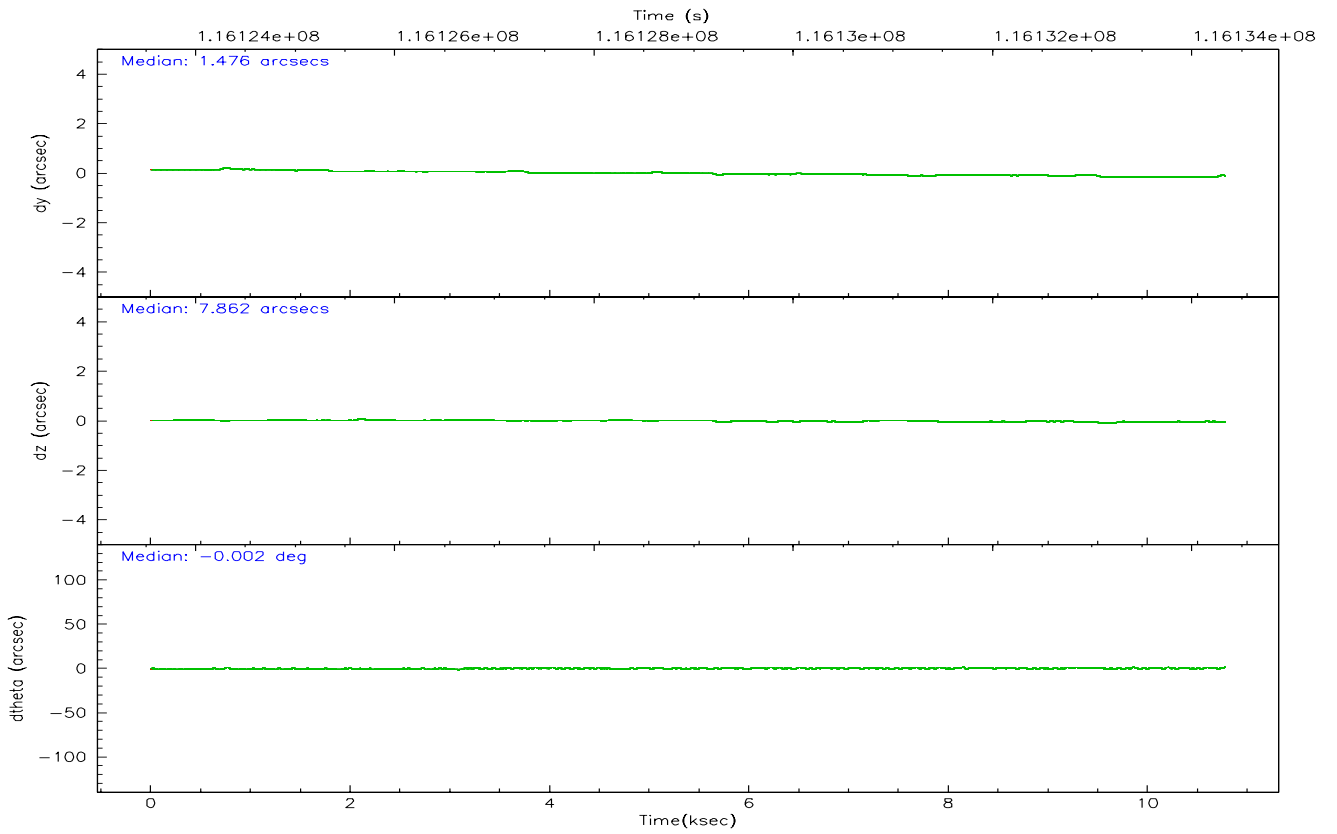
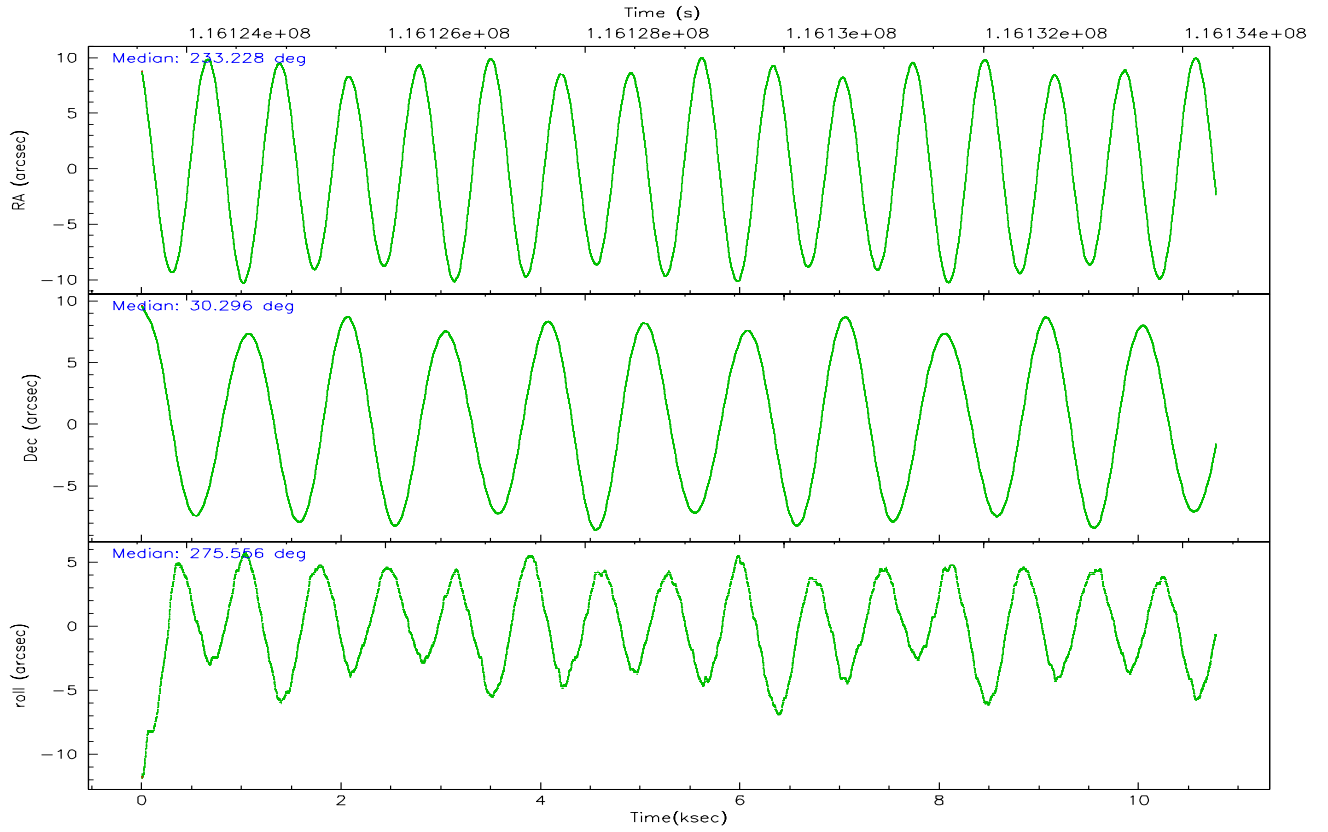
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	3406	4272	3251	9628	3443
	5%	7%	4%	13%	5%
grade 1 events	37	32	30	52	22
	0%	0%	0%	0%	0%
grade 2 events	1641	1745	1572	2217	1483
	2%	2%	2%	3%	2%
grade 3 events	749	808	728	883	749
	1%	1%	1%	1%	1%
grade 4 events	689	830	676	990	709
	1%	1%	1%	1%	1%
grade 5 events	2339	2545	2311	2580	2714
	3%	4%	3%	3%	4%
grade 6 events	1250	1510	1264	1444	1478
	2%	2%	1%	2%	2%
grade 7 events	51000	48372	56324	53976	56981
	83%	80%	85%	75%	84%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01236	ACIS-01236	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	233.210241	233.2287821819808	Subarray requested	NONE	NONE
Pointing Dec	30.318006	30.29569657486143	Alternating exposures requested	N	N
Pointing Roll	275.360962	275.5602899274188	Primary exposure time	0.000000	3.1
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-225.840463	-225.8433433320239			
SIM translation stage offset (mm)	-7.752	-7.749109670905796			
Observation start time	116124332.184000	116123083.33428			
Observation start date	2001-09-06T00:44:28	2001-09-06T00:24:43			
Observation end time	116134332.184000	116134700.17224			
Observation end date	2001-09-06T03:31:08	2001-09-06T03:38:20			
Read mode	TIMED	TIMED			

2.3 Aspect



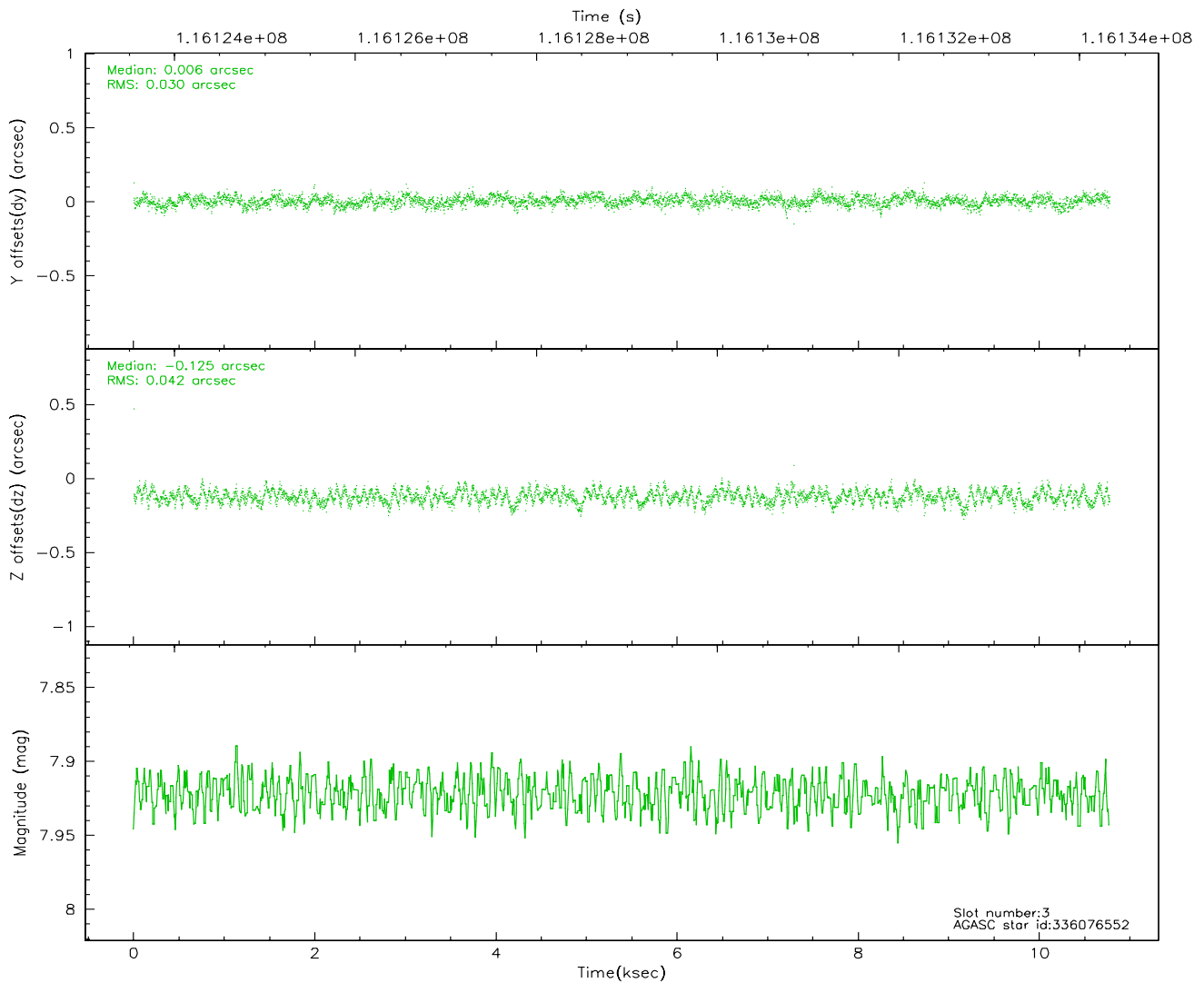
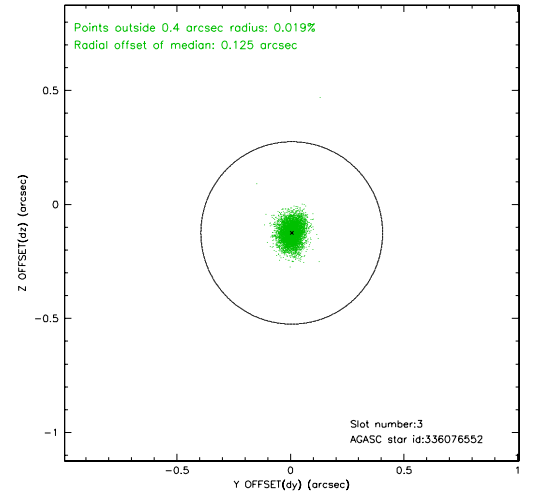
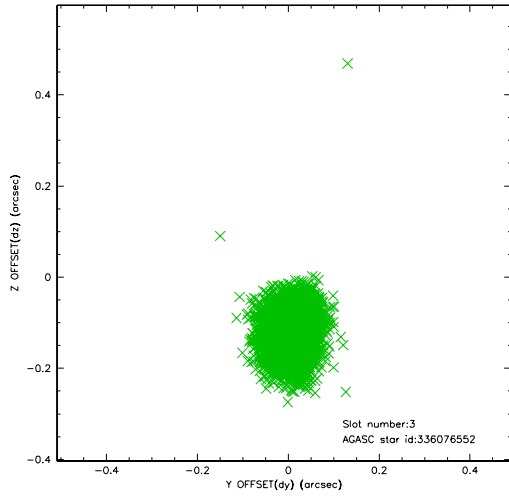


Slot Statistics

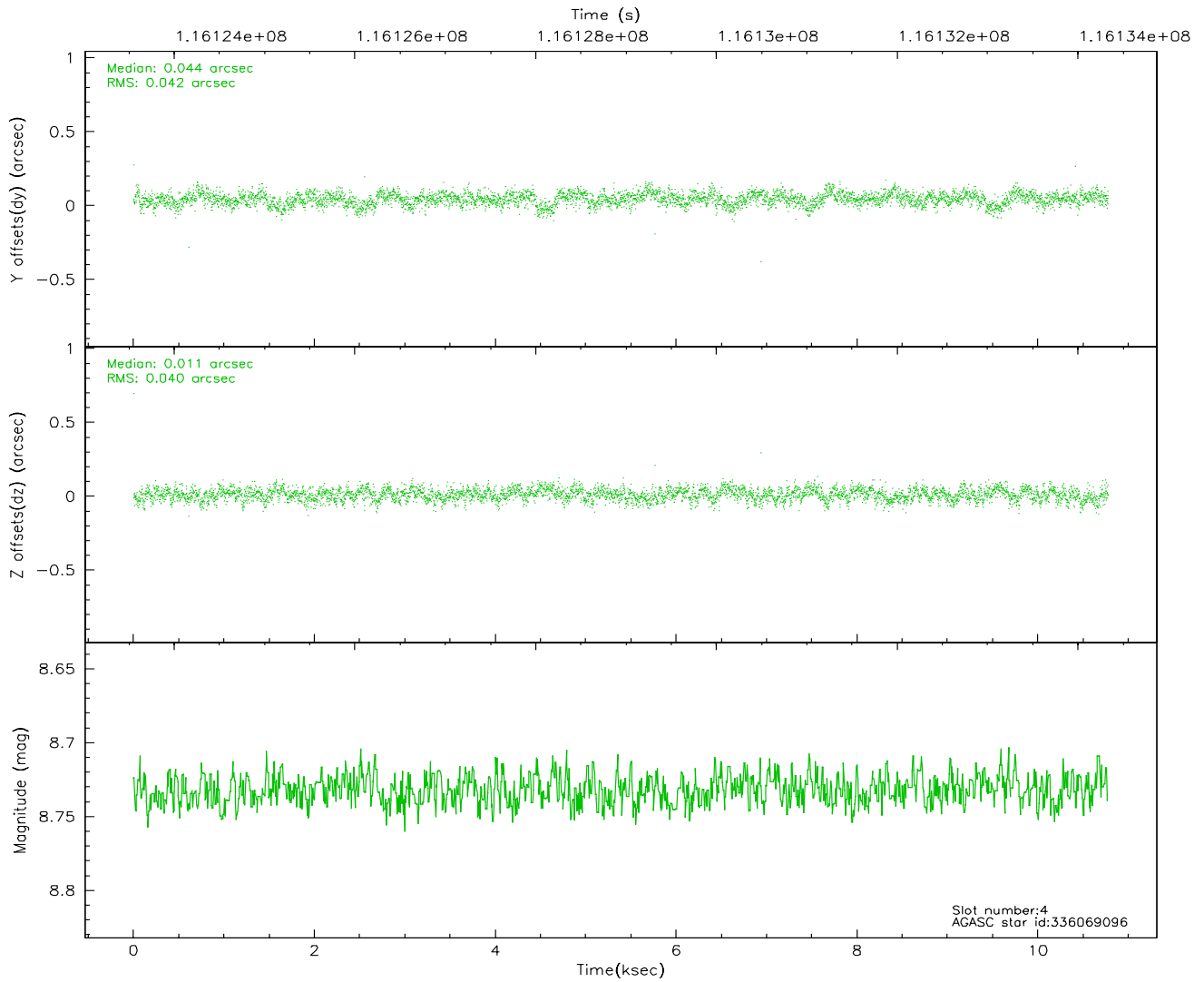
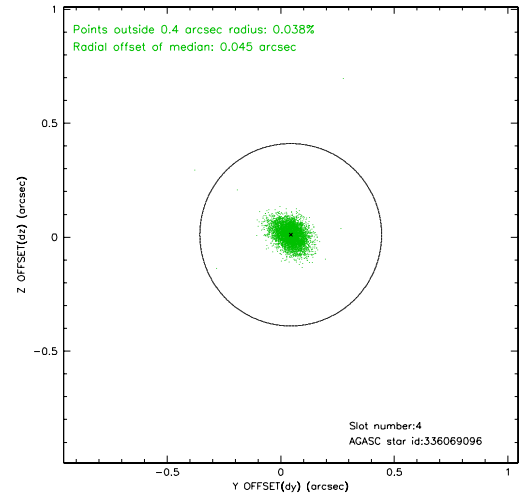
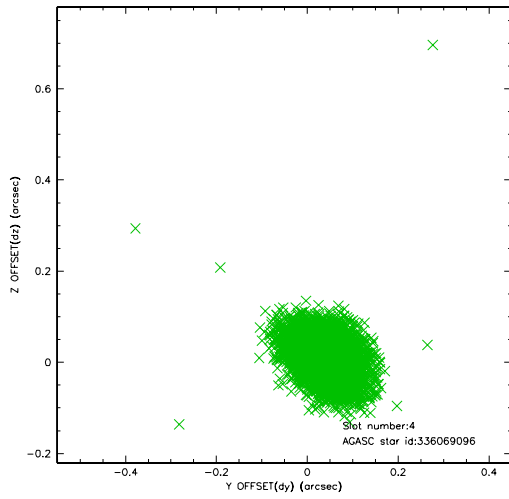
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.23	2629	0.055	0.009	0.006	0.010	0.000000	0.000000	938.27	-990.35
1	FID	ACIS-I-5	7.22	2629	-0.136	0.088	0.006	0.010	0.000000	0.000000	-1809.75	906.93
2	FID	ACIS-I-6	7.27	2629	-0.011	-0.026	0.007	0.011	0.000000	0.000000	403.24	1551.86
3	GUIDE	336076552	7.92	5257	0.006	-0.125	0.055	0.089	233.235475	30.281222	139.54	66.69
4	GUIDE	336069096	8.73	5255	0.044	0.011	0.060	0.099	232.784424	30.008451	983.63	-1424.34
5	GUIDE	336068920	9.08	5256	0.036	0.110	0.081	0.128	233.818662	30.014906	1259.05	1787.88
6	GUIDE	336070048	9.09	5257	-0.028	-0.002	0.082	0.132	232.735573	30.873902	-2131.92	-1271.75
7	GUIDE	336074336	9.28	5253	-0.056	0.011	0.086	0.142	232.713714	30.669381	-1406.42	-1411.53

2.4 Star Slots

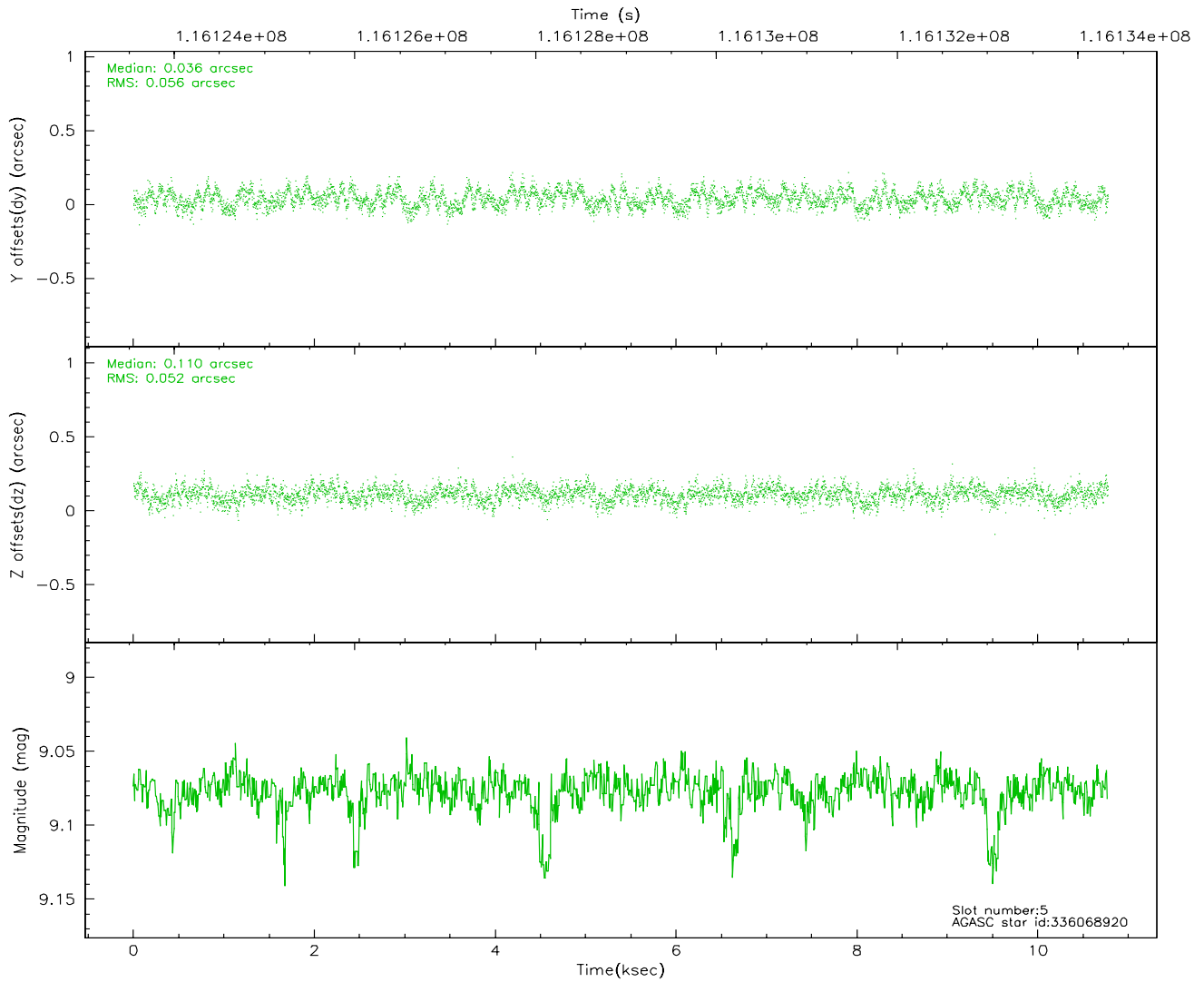
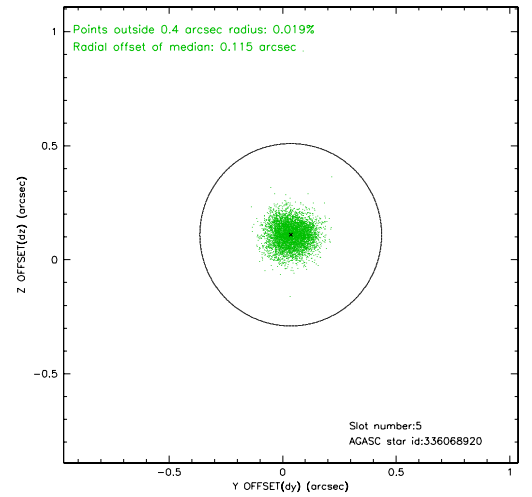
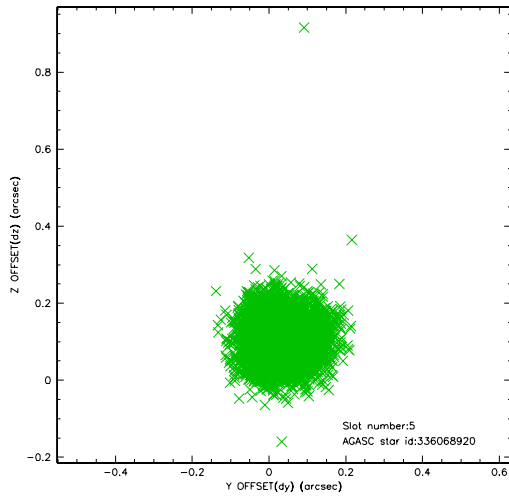
2.4.1 Slot 3



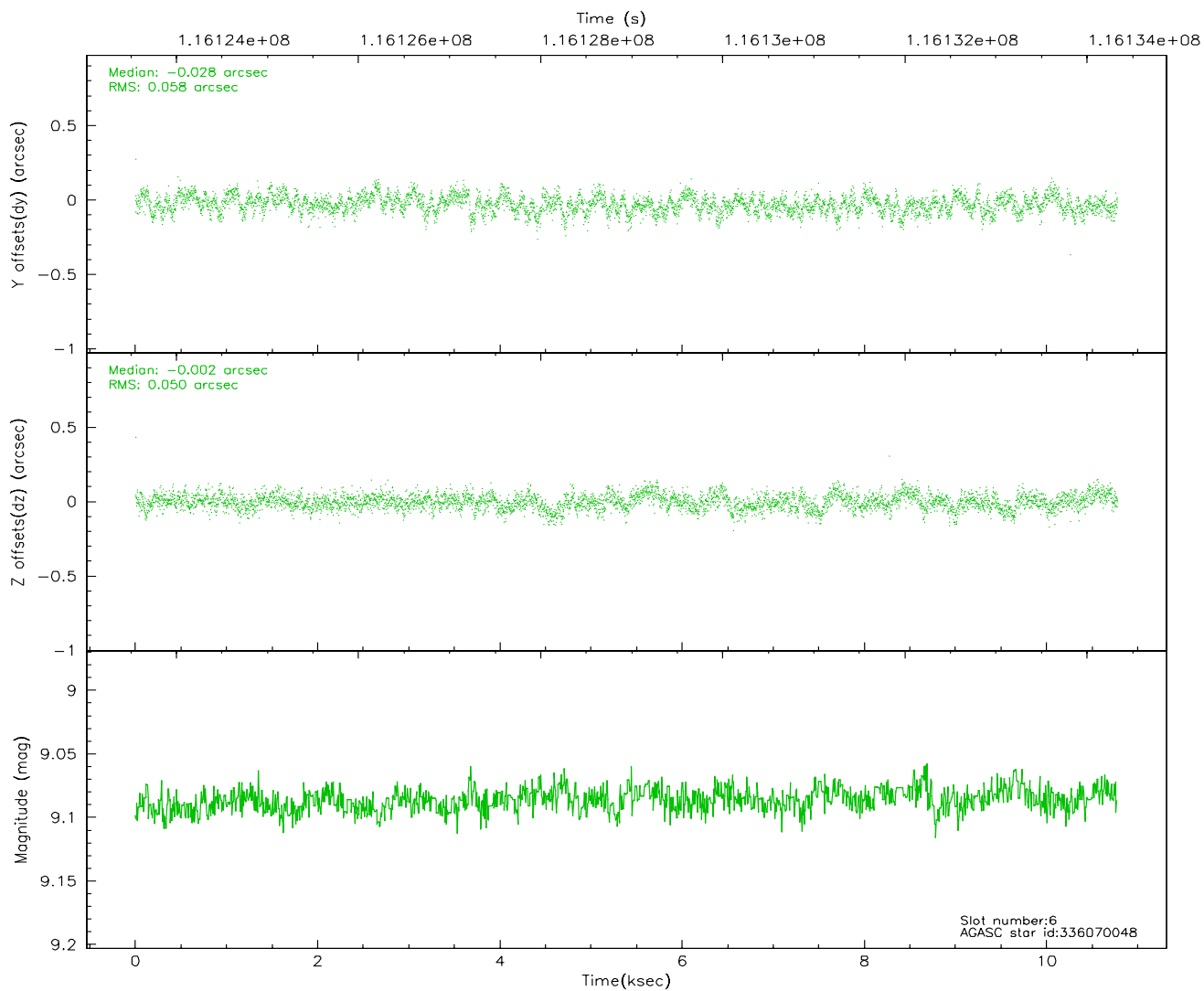
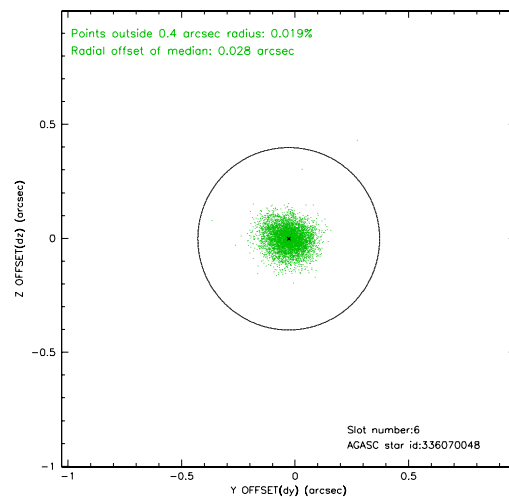
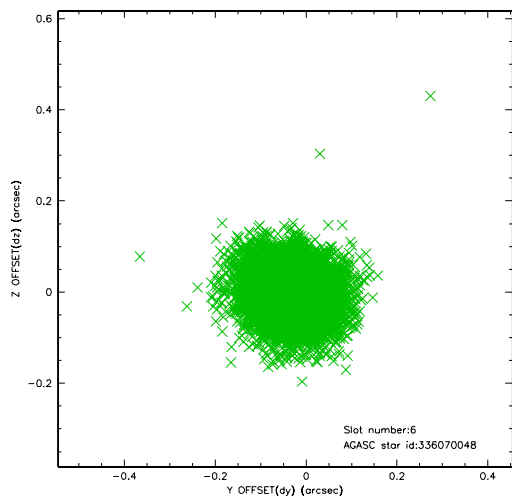
2.4.2 Slot 4



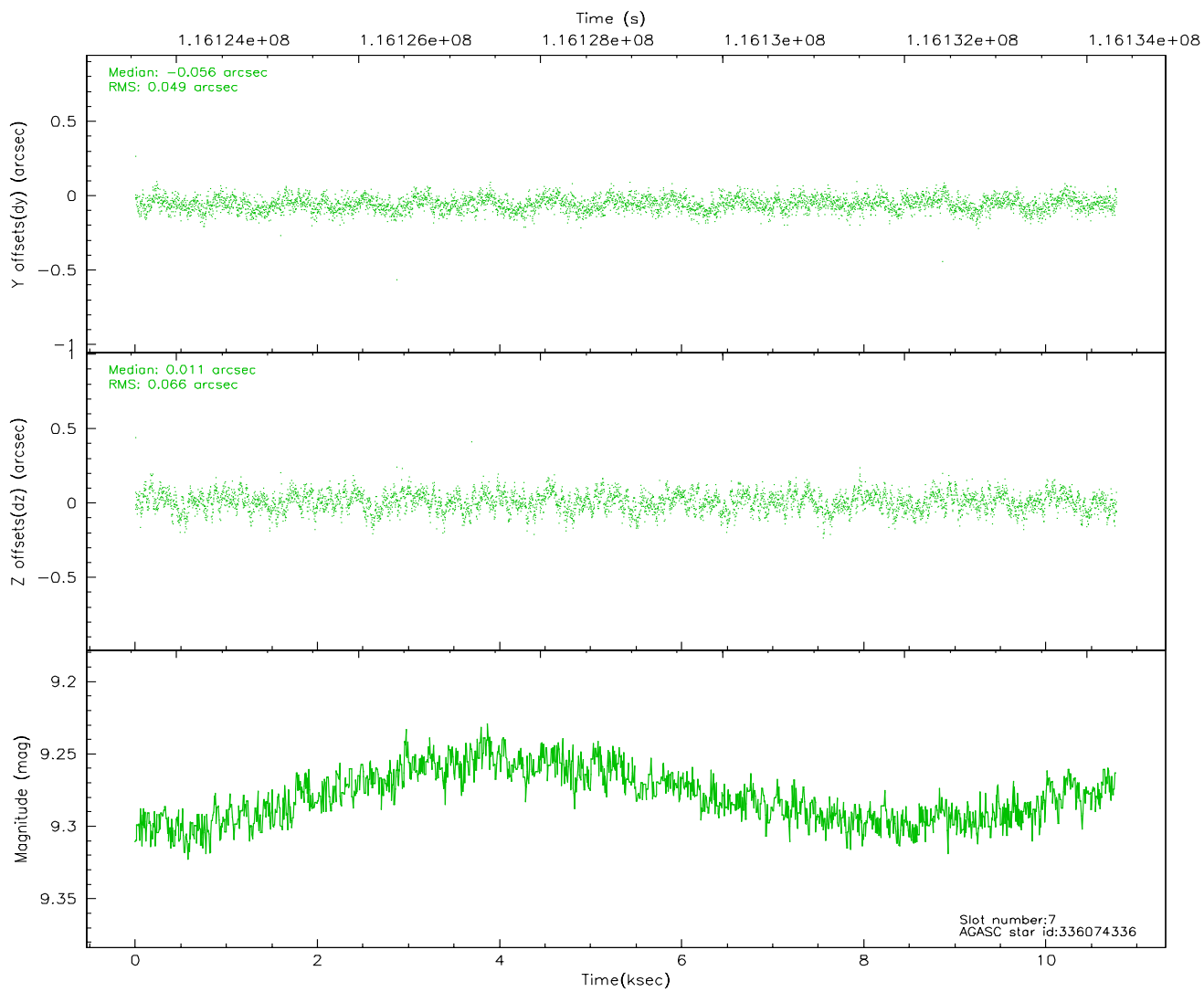
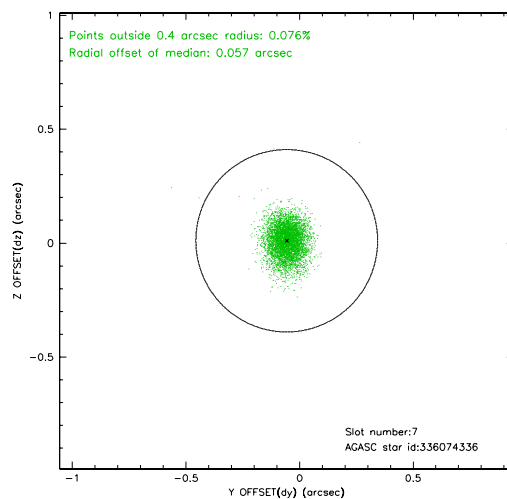
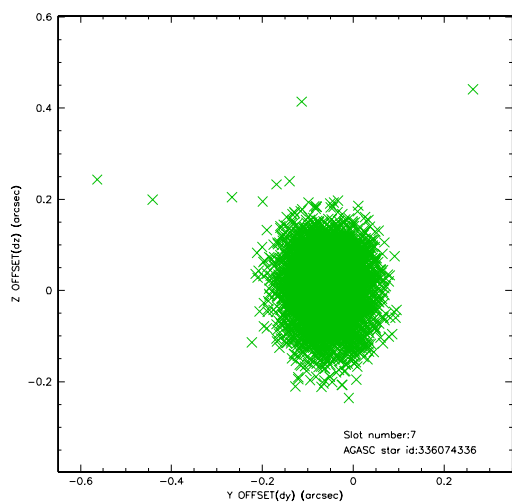
2.4.3 Slot 5



2.4.4 Slot 6

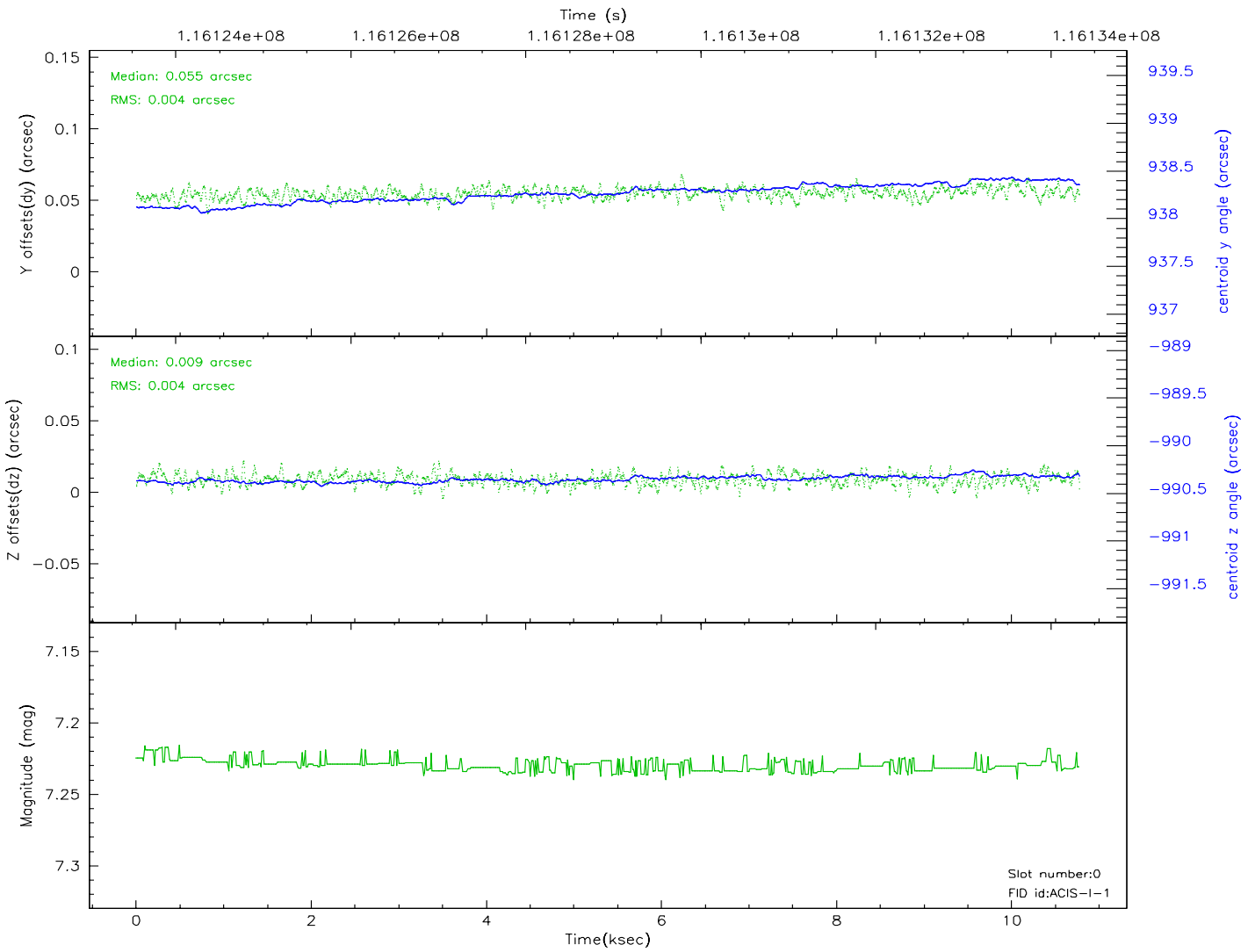
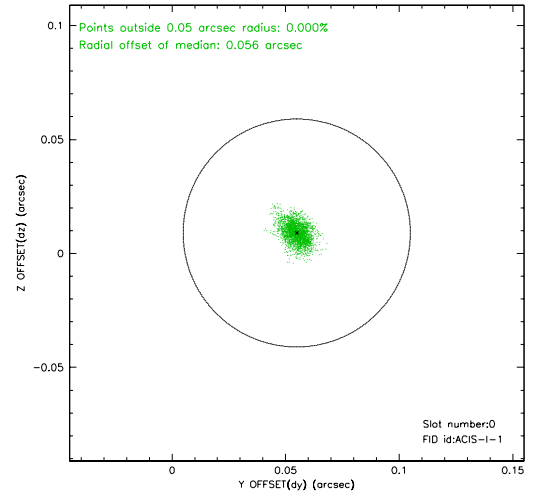
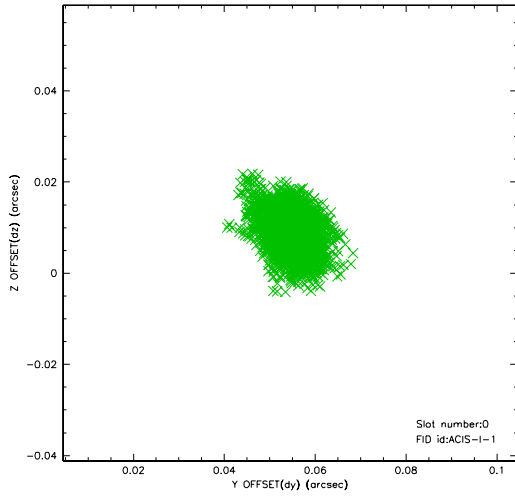


2.4.5 Slot 7

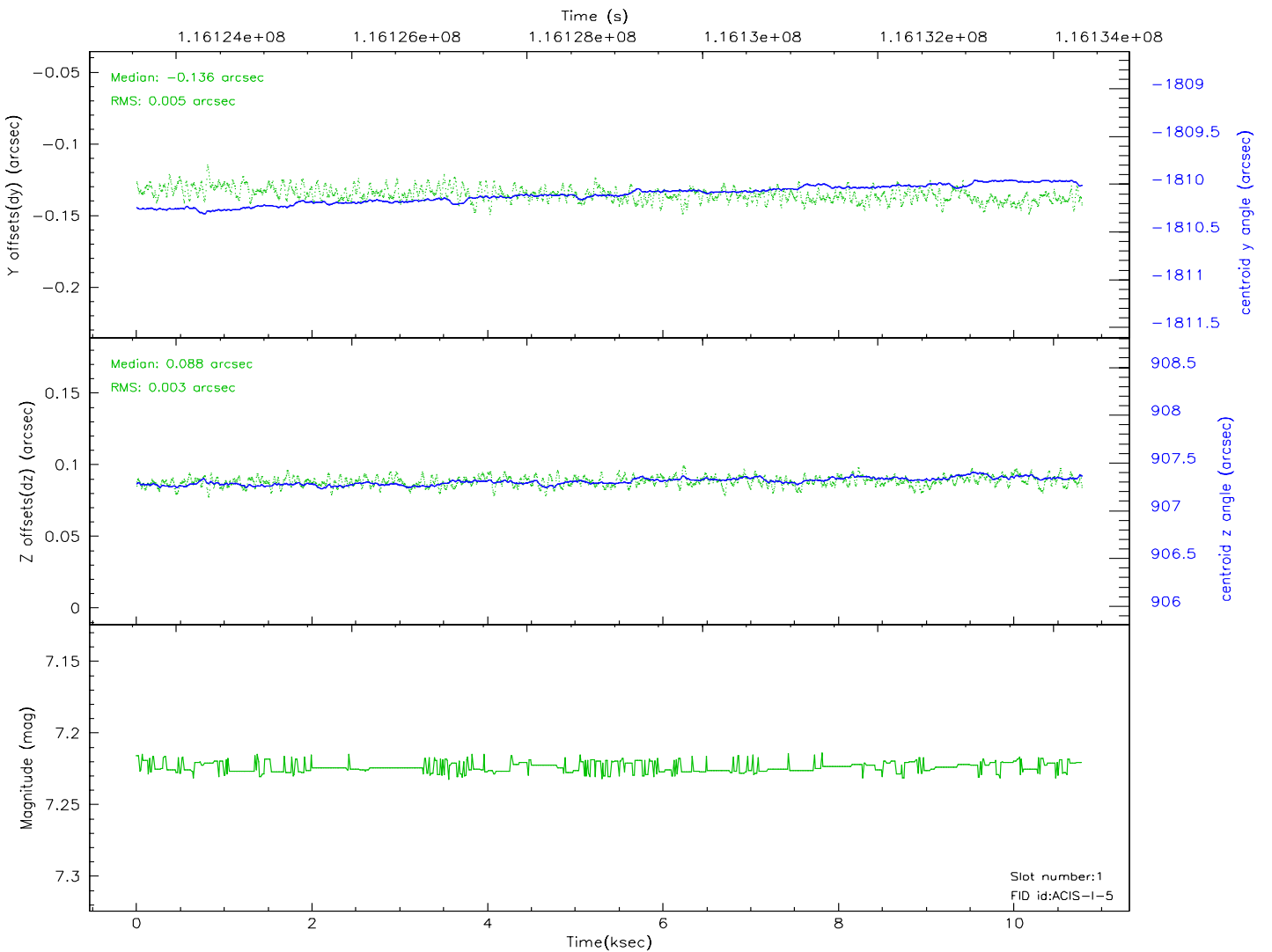
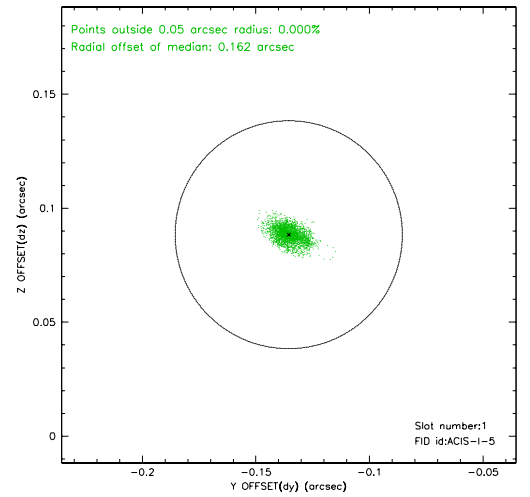
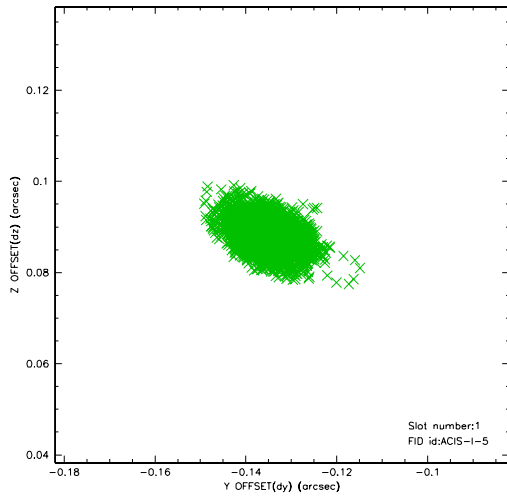


2.5 FID Slots

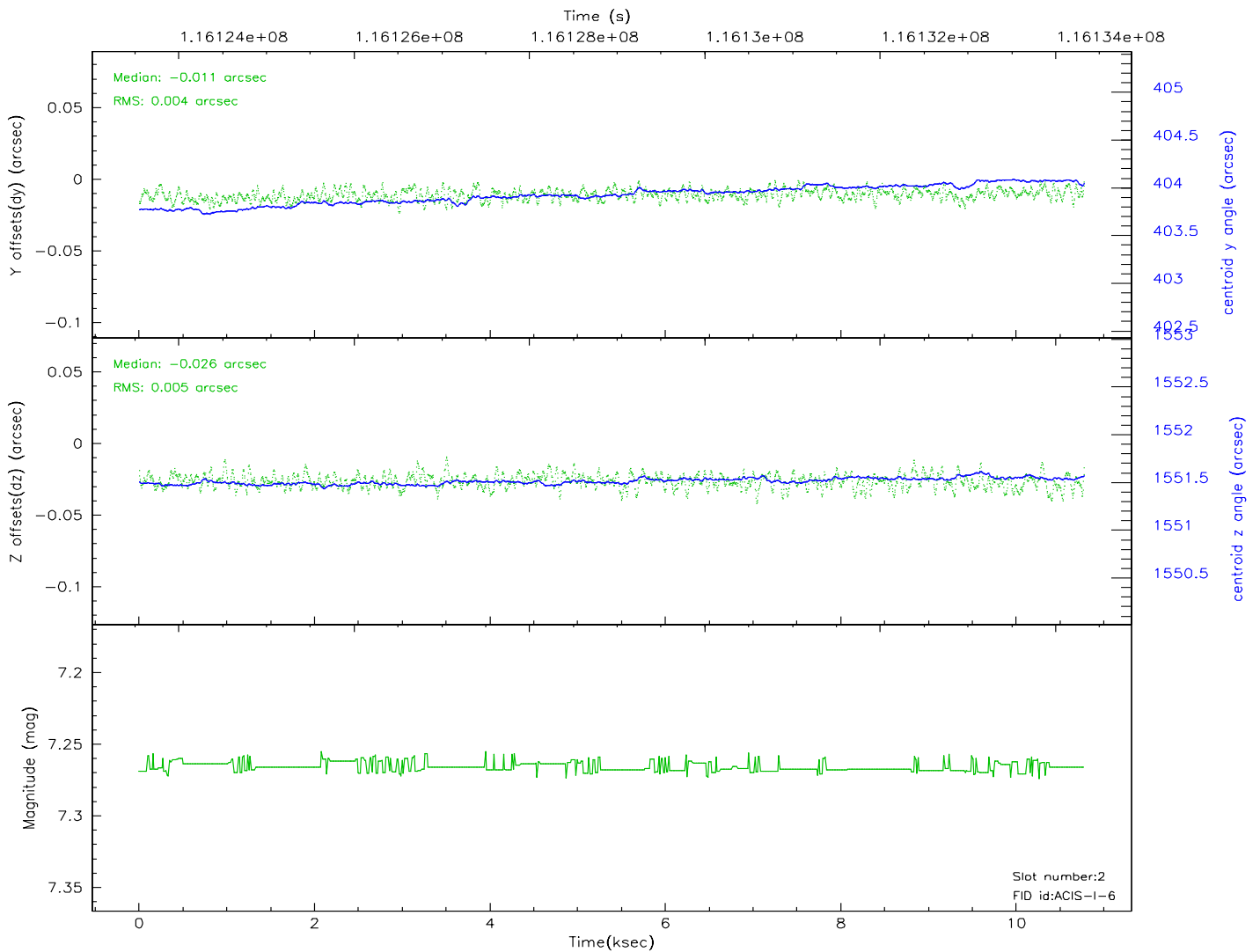
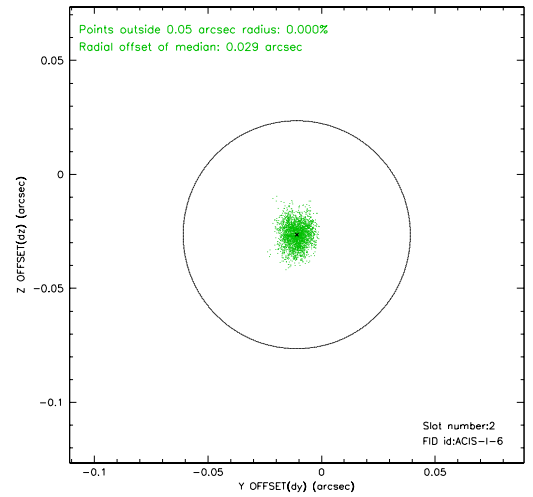
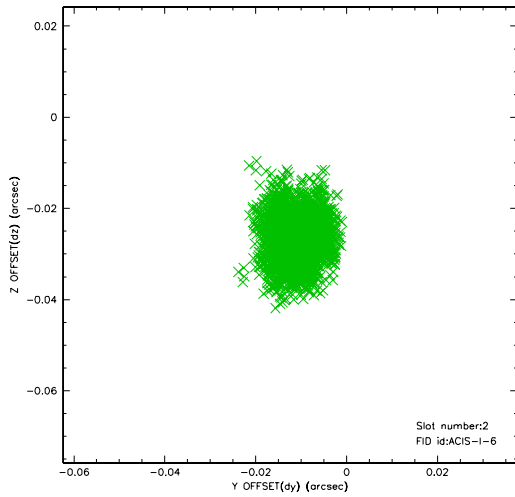
2.5.1 Slot 0



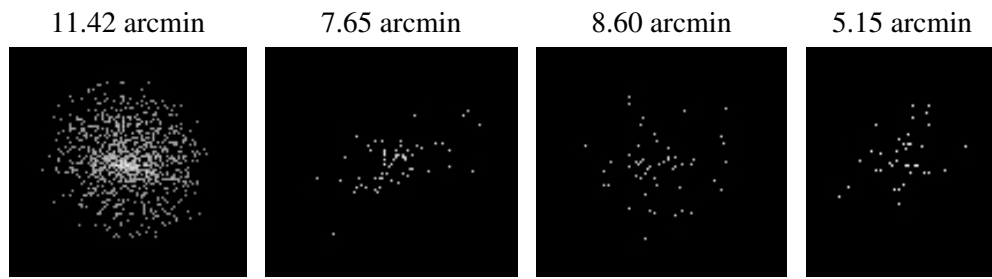
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.01.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.109

A.2 Comments