

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 358 - L2 Version 001
Chandra X-Ray Center

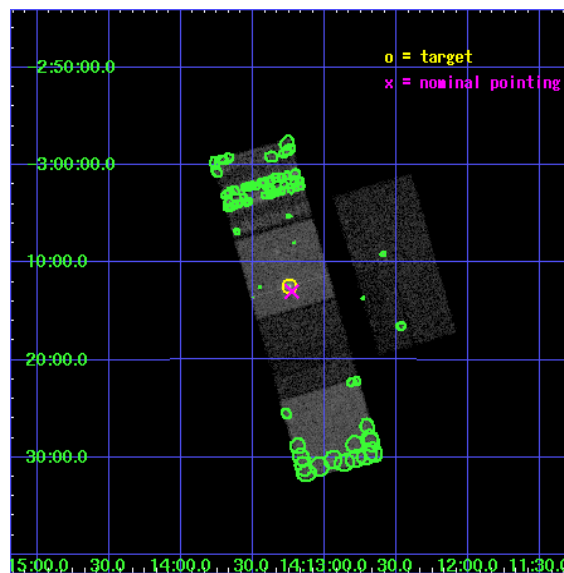
L2 Processing Date : Jun 2 2007

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

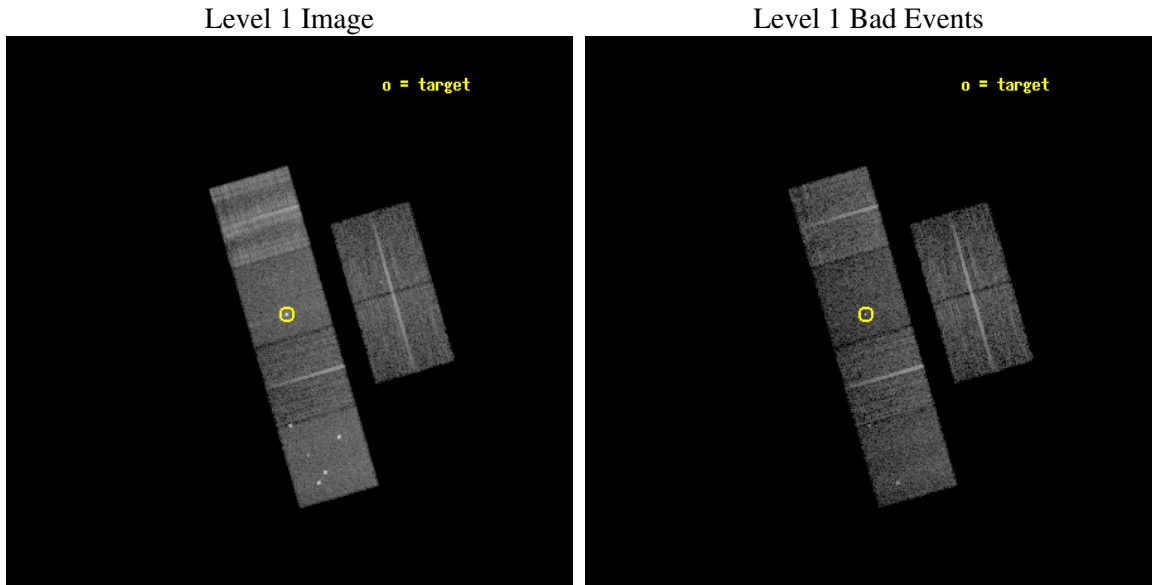
seq_num	700030
obs_id	358
title	STUDIES OF RADIO JETS AND THE NARROW LINE REGIONS
observer	Professor Andrew Wilson
object	NGC 5506
dtcycle	0
cycle	P
ra_targ	213.311667
dec_targ	-3.2075
ra_nom	213.30719054086
dec_nom	-3.2164499618442
roll_nom	253.89577726011
revision	3
ontime	8953.6000083387
livetime	8840.2241338224
ontime2	8953.6000083387
ontime3	8953.6000083387
ontime5	8953.6000083387
ontime6	8953.6000083387
ontime7	8953.6000083387
ontime8	8953.6000083387
l2events	103560



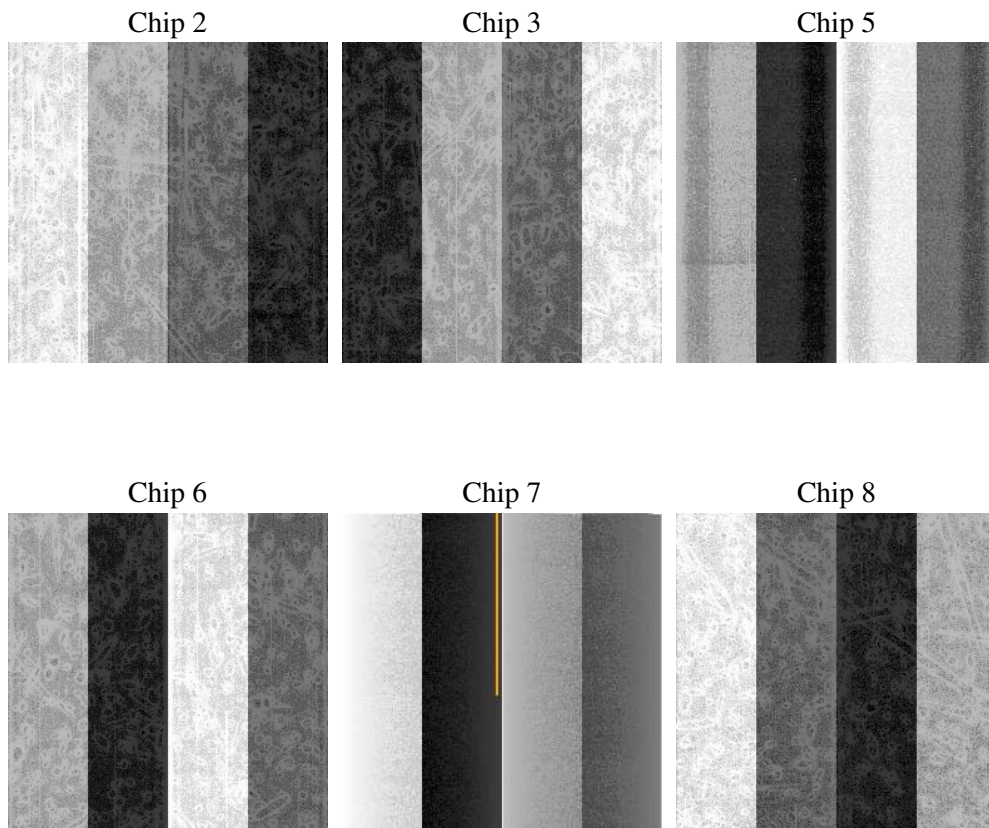
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.4.0
date	2007-06-02T10:58:06
revision	3

sched_exp_time	9000.000000
ontime	8953.6000083387
ontime2	8953.6000083387
ontime3	8953.6000083387
ontime5	8953.6000083387
ontime6	8953.6000083387
ontime7	8953.6000083387
ontime8	8953.6000083387
l1events	418418

2.1.4 Events

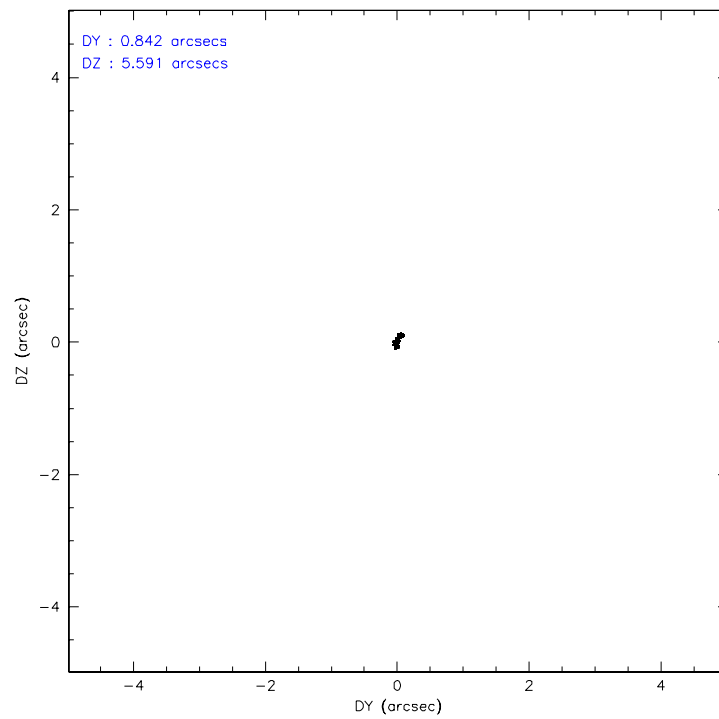
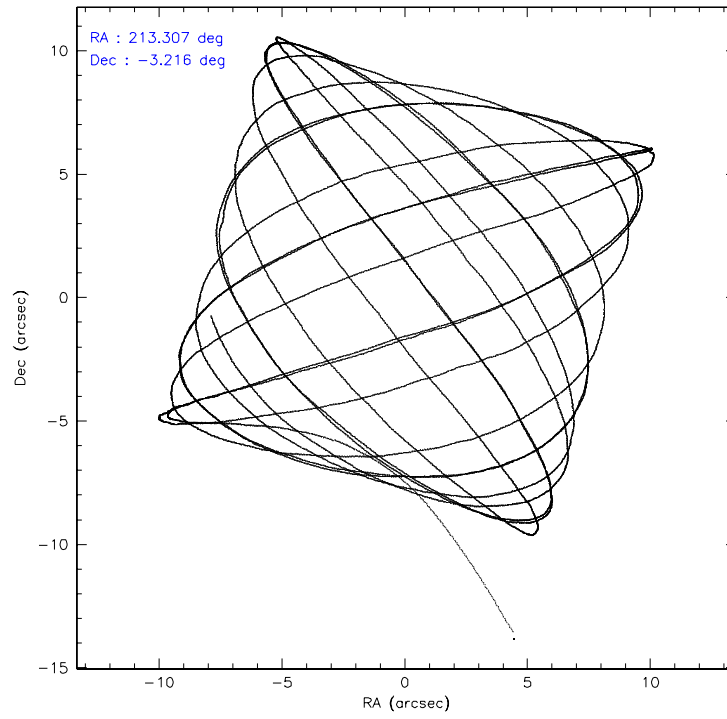
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	57456	54876	75697	57287	69242	103860
rejected events	49298	47068	38673	48915	37173	56637
rejected %	85%	85%	51%	85%	53%	54%

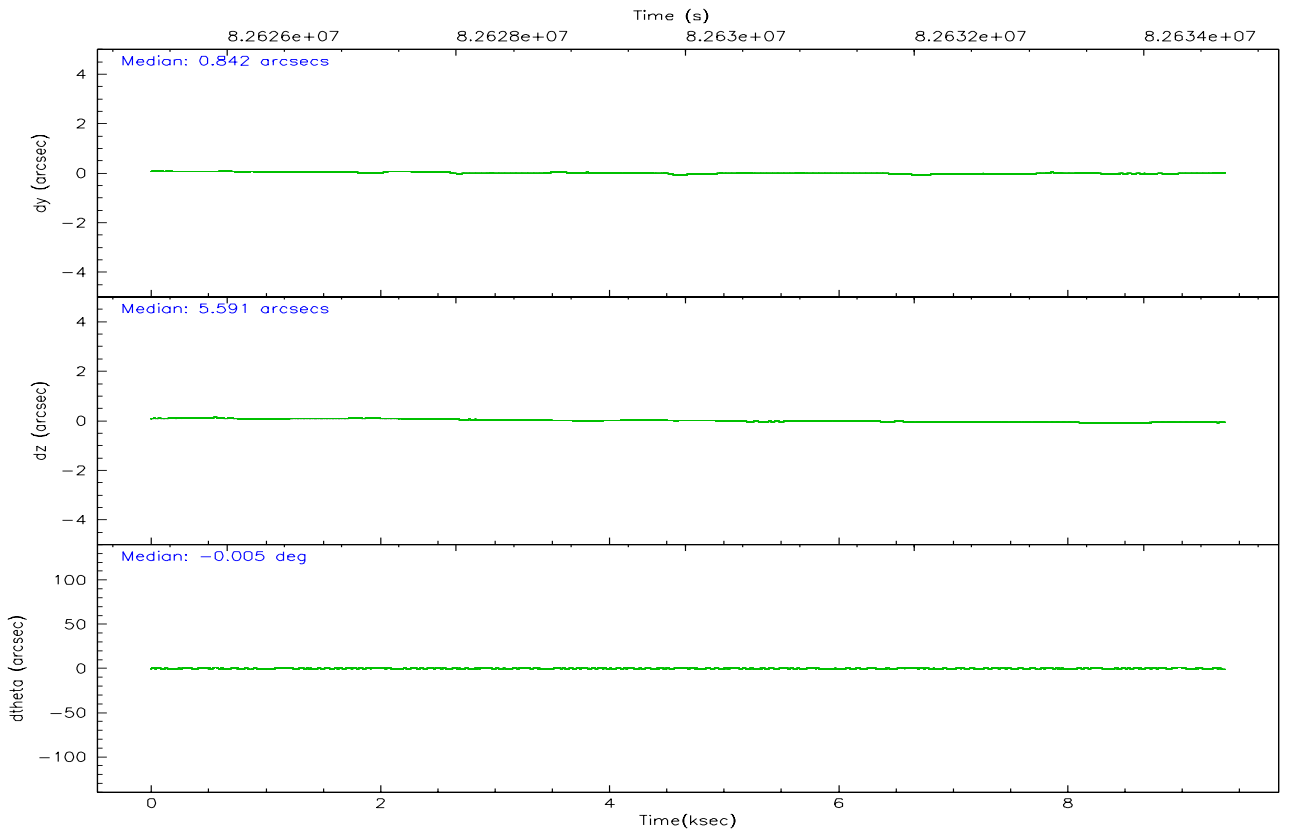
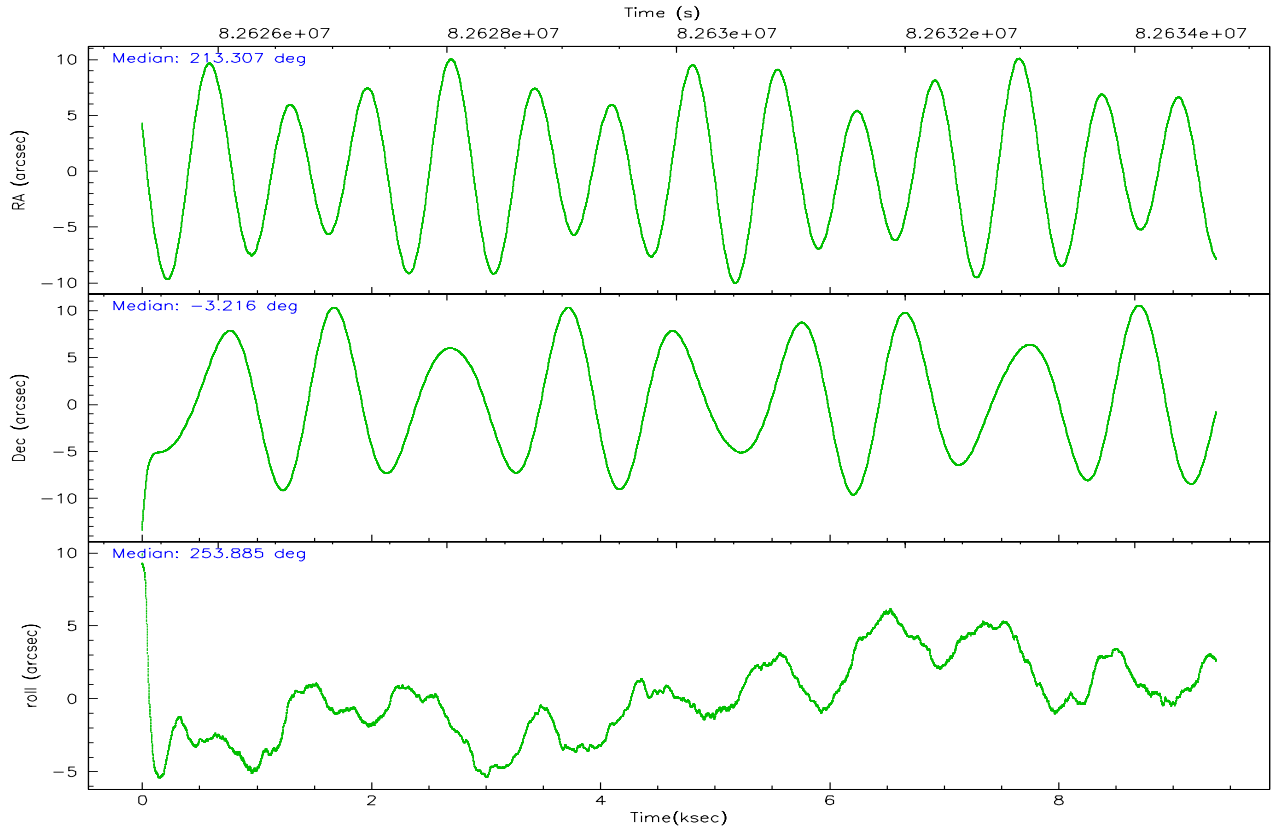
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	3484	3143	6793	3485	3893	16342
	6%	5%	8%	6%	5%	15%
grade 1 events	31	16	181	34	117	142
	0%	0%	0%	0%	0%	0%
grade 2 events	1946	1887	10547	2005	6734	6065
	3%	3%	13%	3%	9%	5%
grade 3 events	516	549	1797	609	3060	8766
	0%	1%	2%	1%	4%	8%
grade 4 events	674	607	1752	634	3049	7755
	1%	1%	2%	1%	4%	7%
grade 5 events	1646	1849	5469	2005	6296	2869
	2%	3%	7%	3%	9%	2%
grade 6 events	1544	1629	16144	1641	15339	8348
	2%	2%	21%	2%	22%	8%
grade 7 events	47615	45196	33014	46874	30754	53573
	82%	82%	43%	81%	44%	51%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	213.300480	213.307190540861	Subarray requested	NONE	NONE
Pointing Dec	-3.189836	-3.216449961844203	Alternating exposures requested	N	N
Pointing Roll	253.738762	253.8957772601129	Primary exposure time	3.200000	3.2
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	82625709.184000	82624565.04426			
Observation start date	2000-08-14T07:34:05	2000-08-14T07:16:05			
Observation end time	82634709.184000	82635523.83216999			
Observation end date	2000-08-14T10:04:05	2000-08-14T10:18:43			
Read mode	TIMED	TIMED			

2.3 Aspect



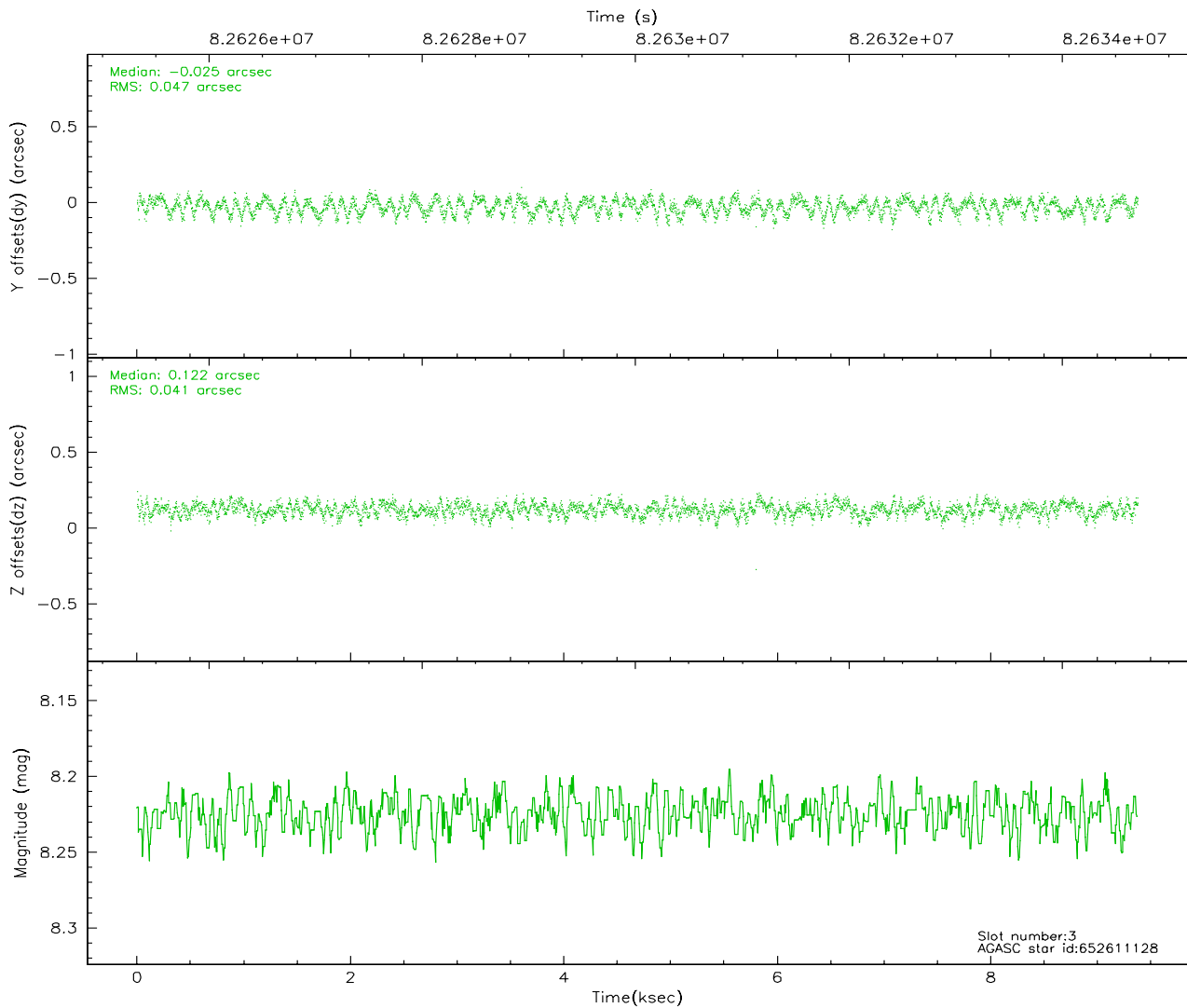
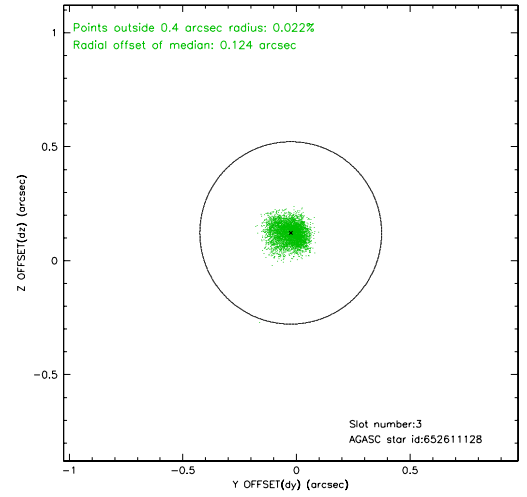
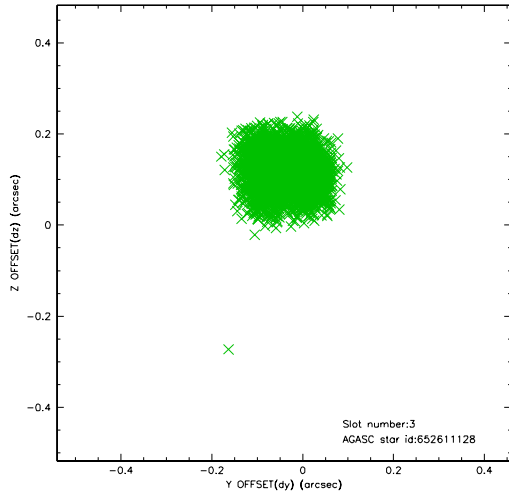


Slot Statistics

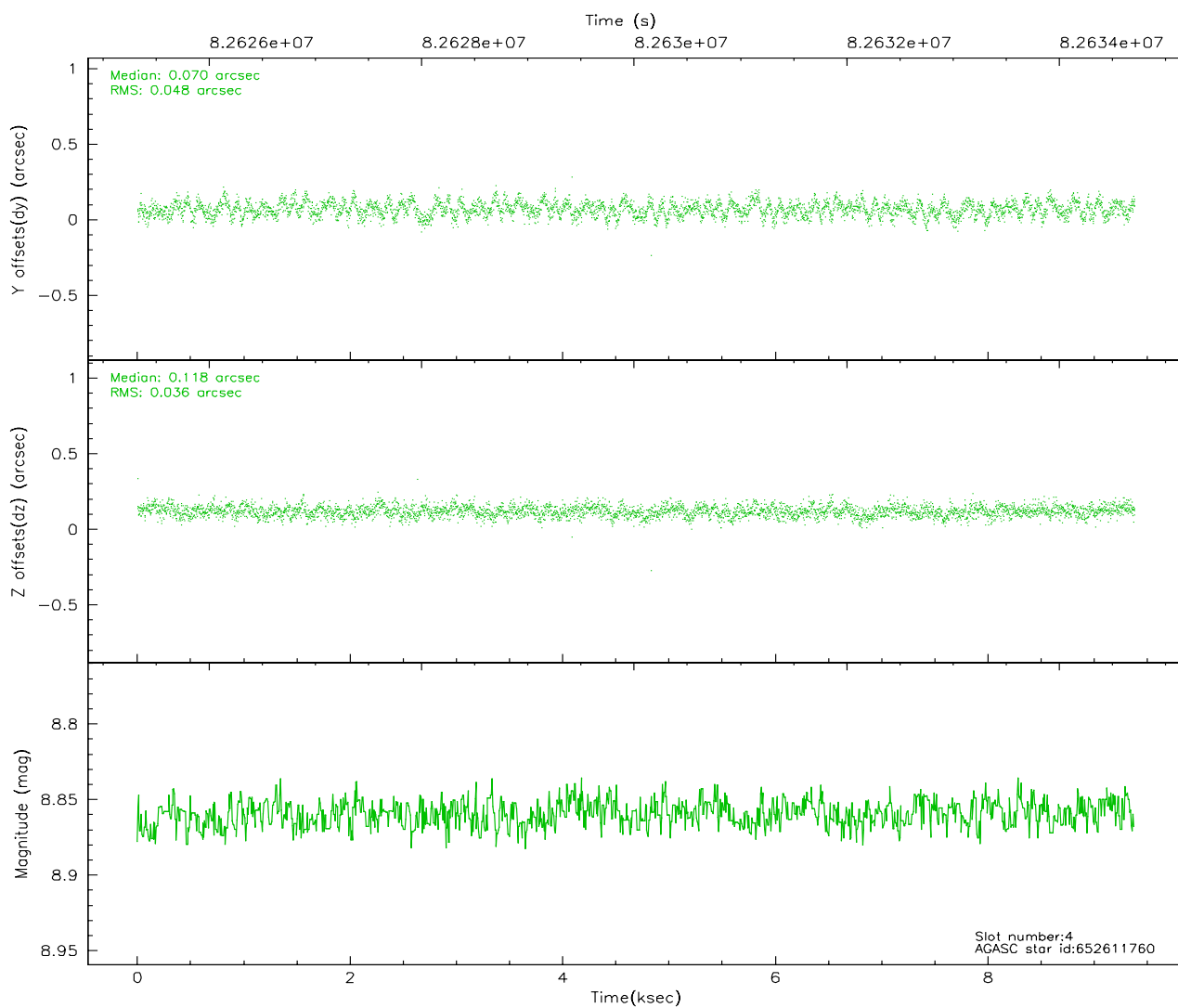
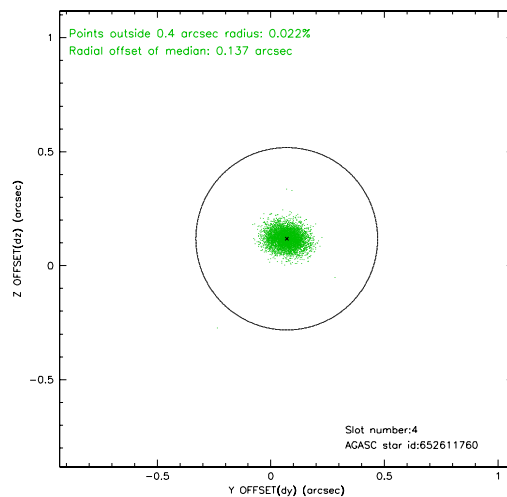
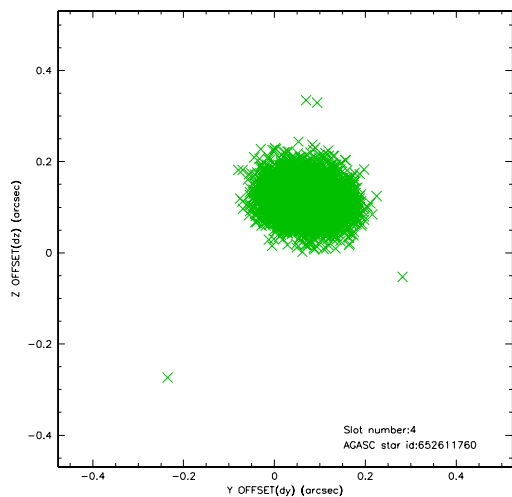
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	2288	-0.033	0.023	0.006	0.010	0.000000	0.000000	-753.45	-1726.66
1	FID	ACIS-S-4	7.21	2288	-0.033	0.010	0.005	0.009	0.000000	0.000000	2159.55	181.24
2	FID	ACIS-S-5	7.24	2288	0.035	-0.024	0.006	0.011	0.000000	0.000000	-1805.50	175.49
3	GUIDE	652611128	8.22	4576	-0.025	0.122	0.067	0.106	213.732515	-3.626183	1073.64	1930.35
4	GUIDE	652611760	8.86	4574	0.070	0.118	0.064	0.103	213.522861	-3.750471	1714.28	1332.99
5	GUIDE	652607784	8.53	4574	-0.055	0.104	0.060	0.099	213.646988	-3.161185	-447.25	1167.24
6	GUIDE	652618120	9.31	4573	0.057	-0.201	0.095	0.152	213.822862	-3.450769	376.52	2065.47
7	GUIDE	652608240	9.61	4571	-0.042	-0.145	0.101	0.170	212.720785	-3.106340	296.23	-2084.08

2.4 Star Slots

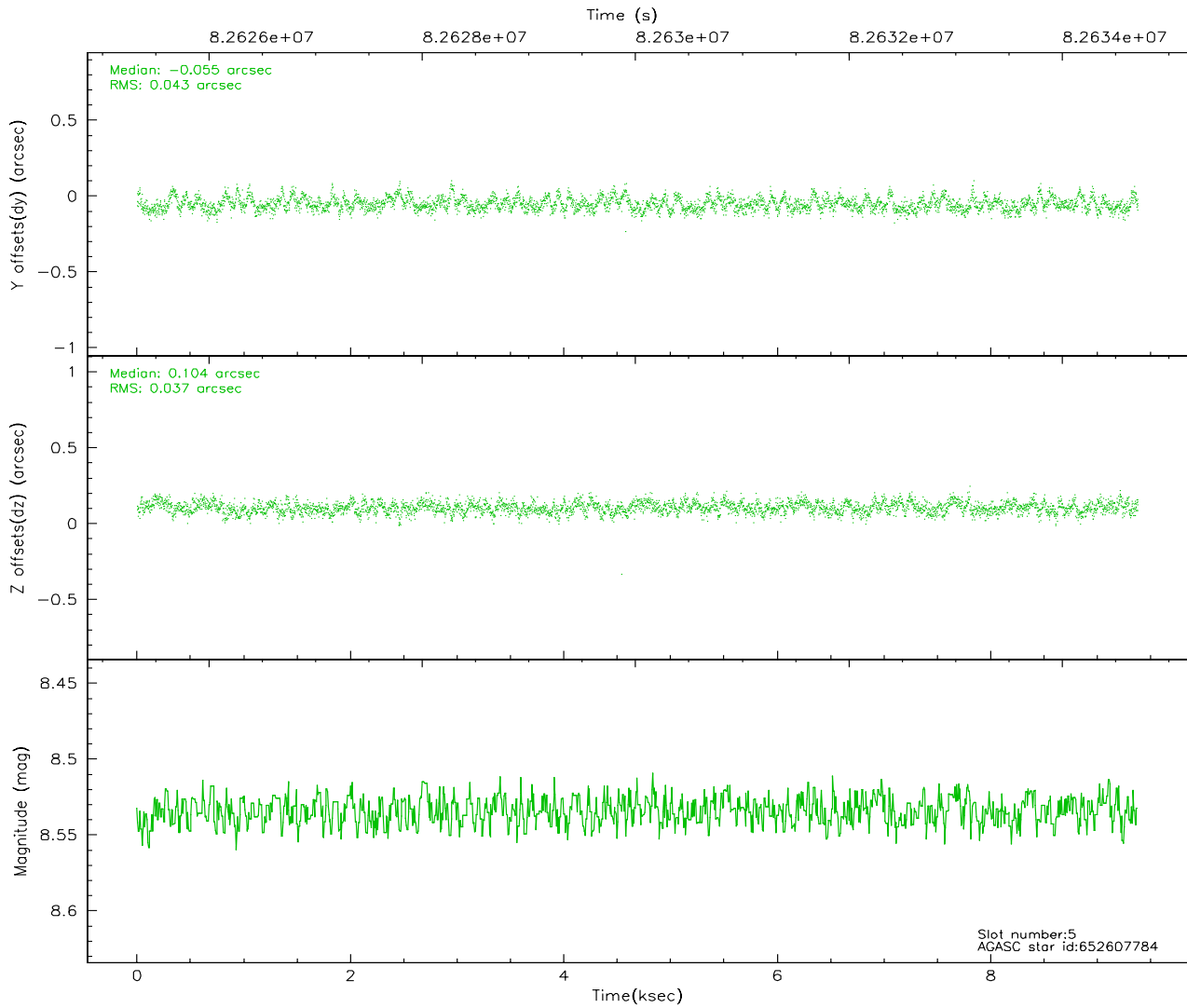
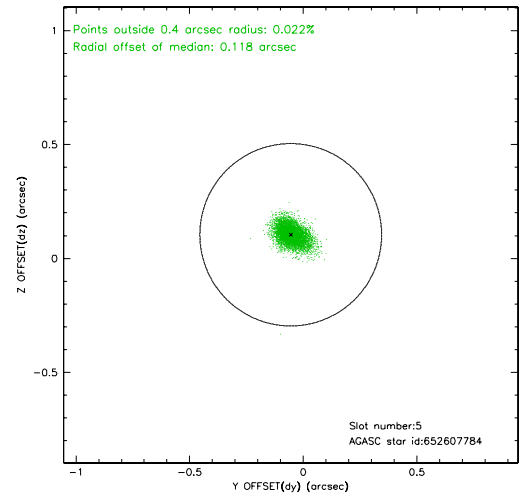
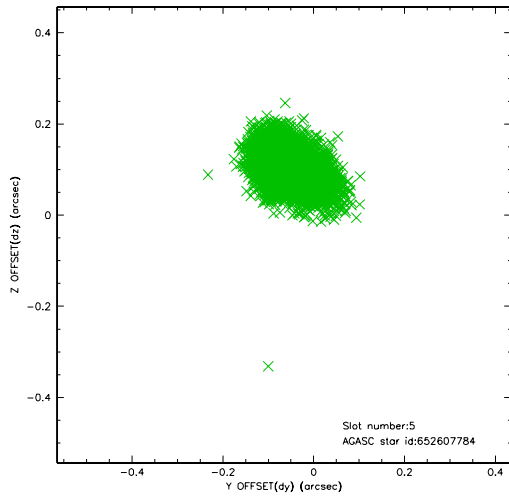
2.4.1 Slot 3



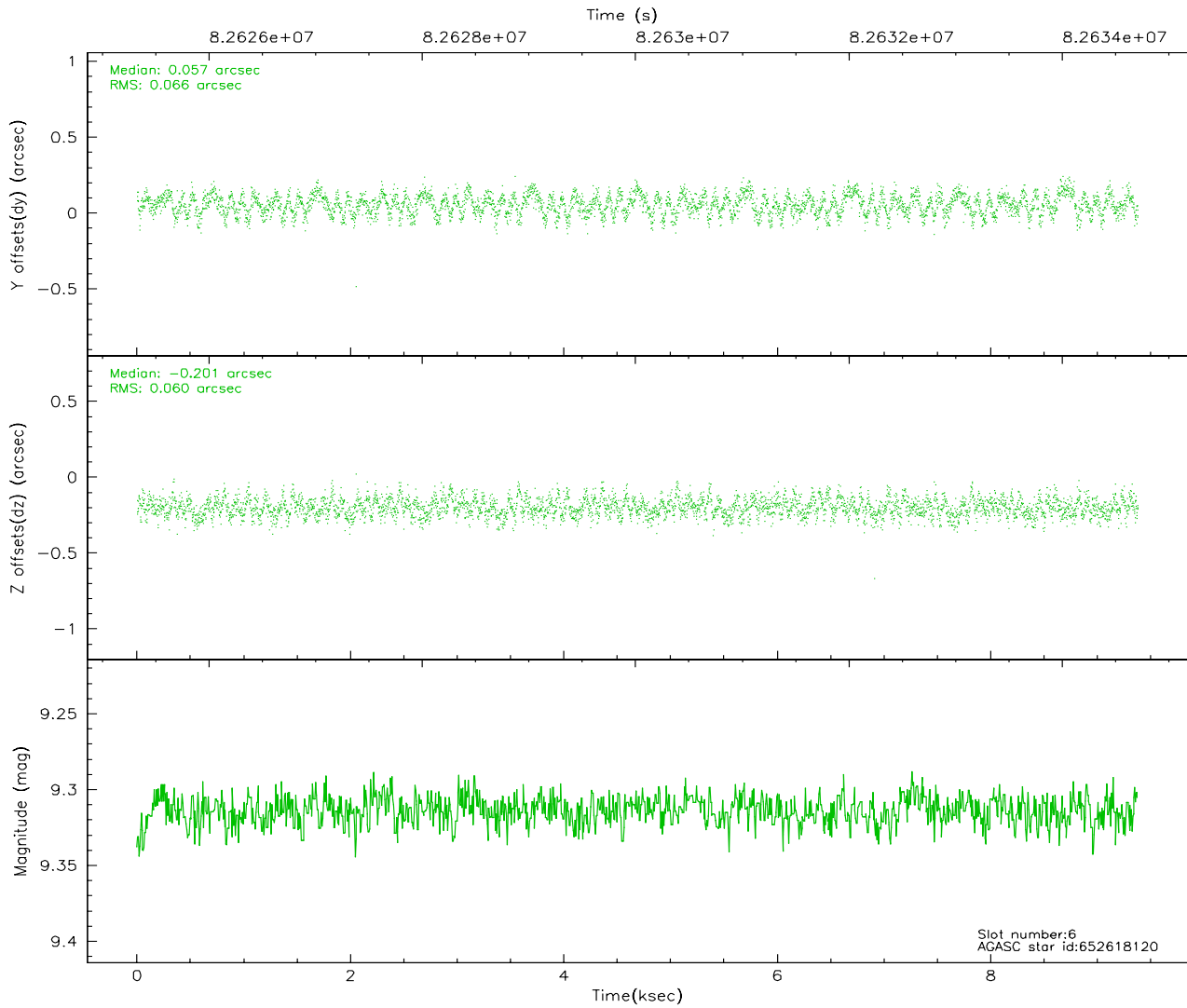
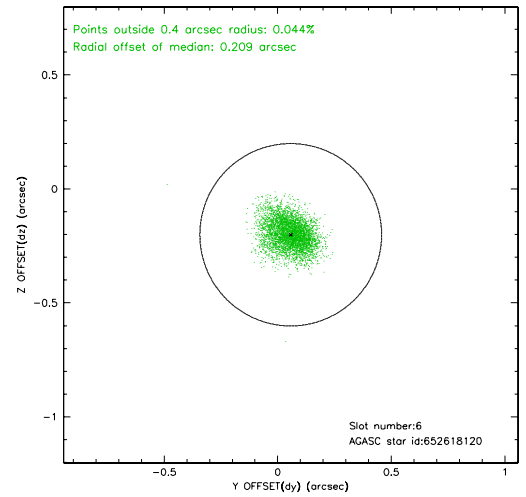
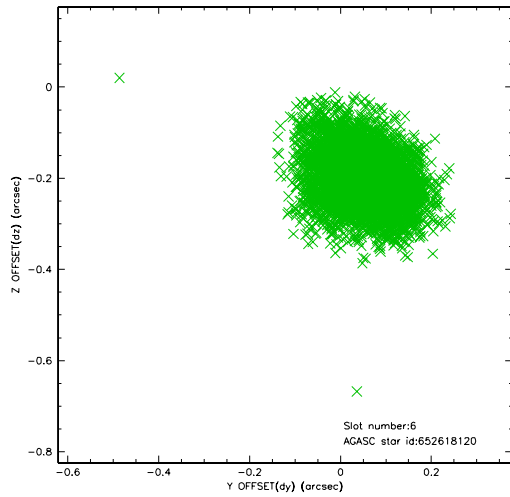
2.4.2 Slot 4



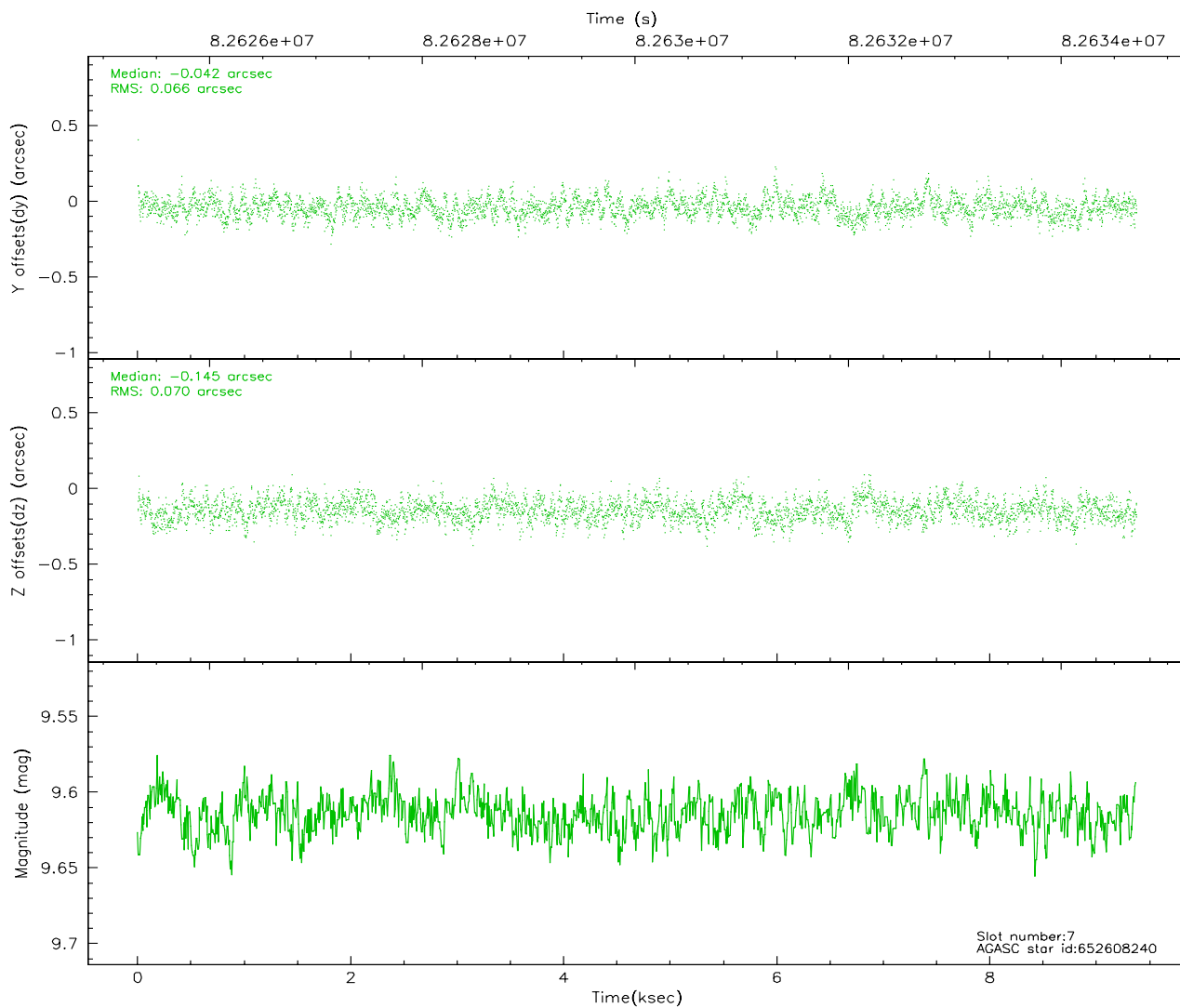
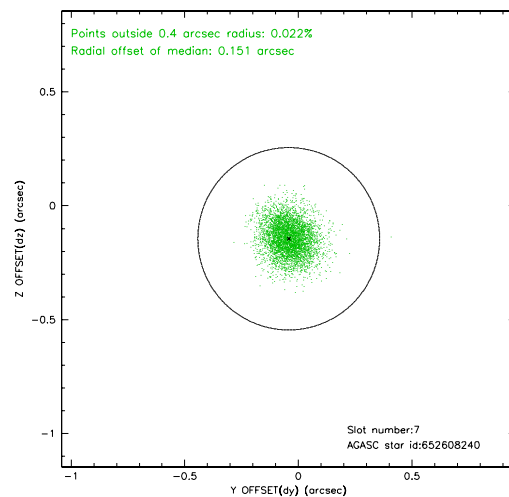
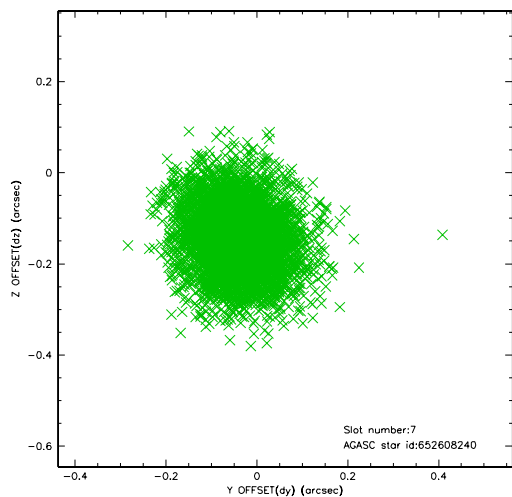
2.4.3 Slot 5



2.4.4 Slot 6

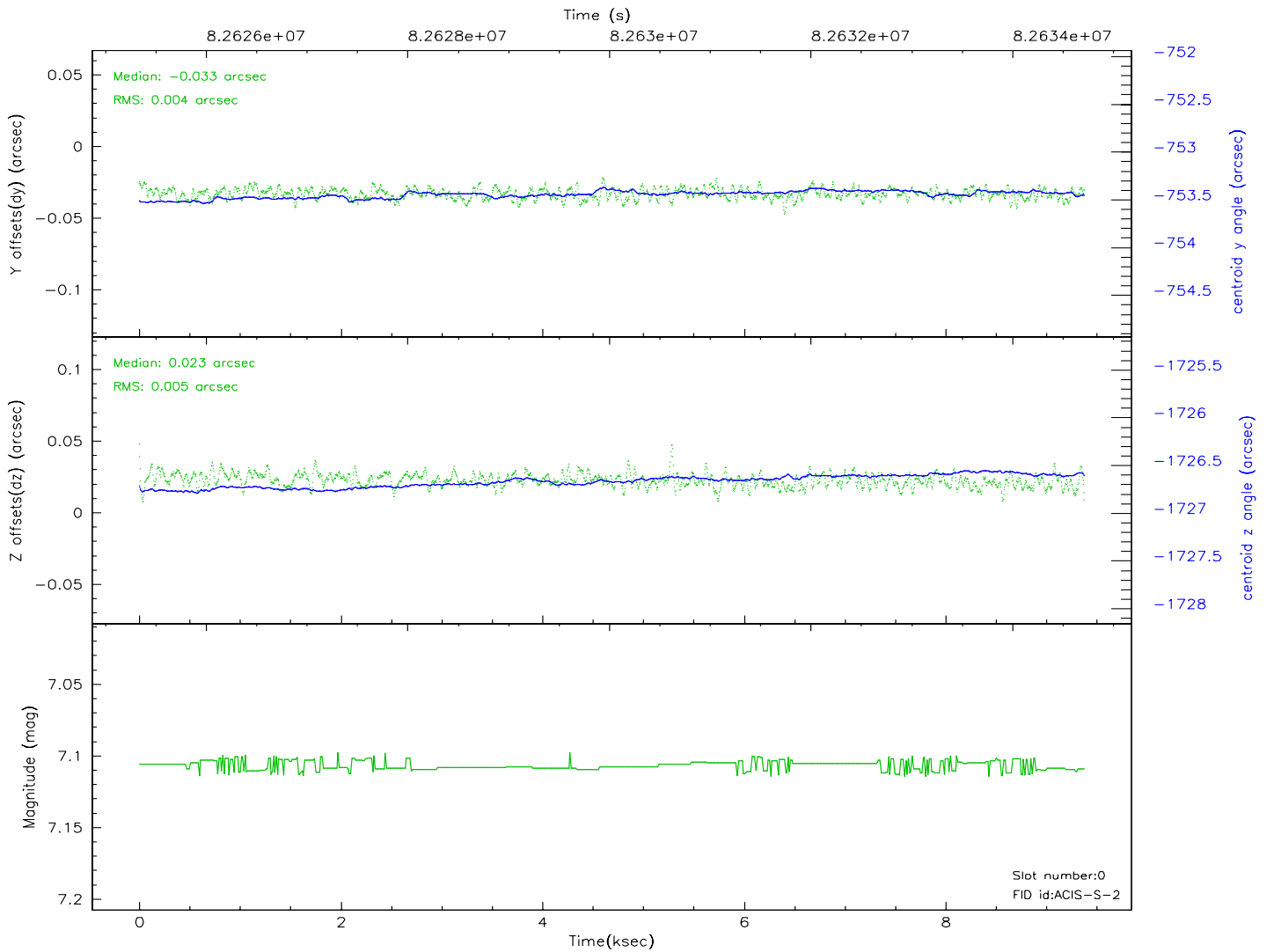
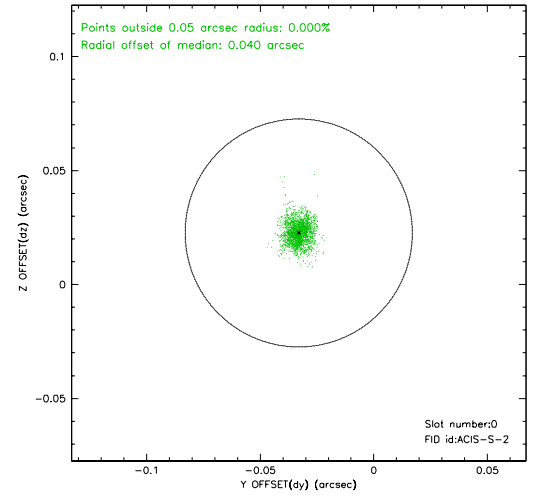
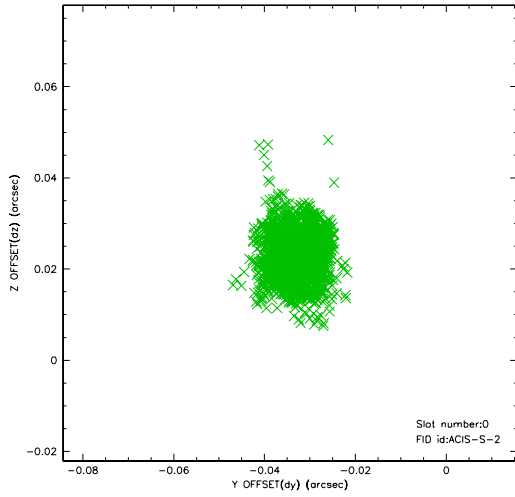


2.4.5 Slot 7

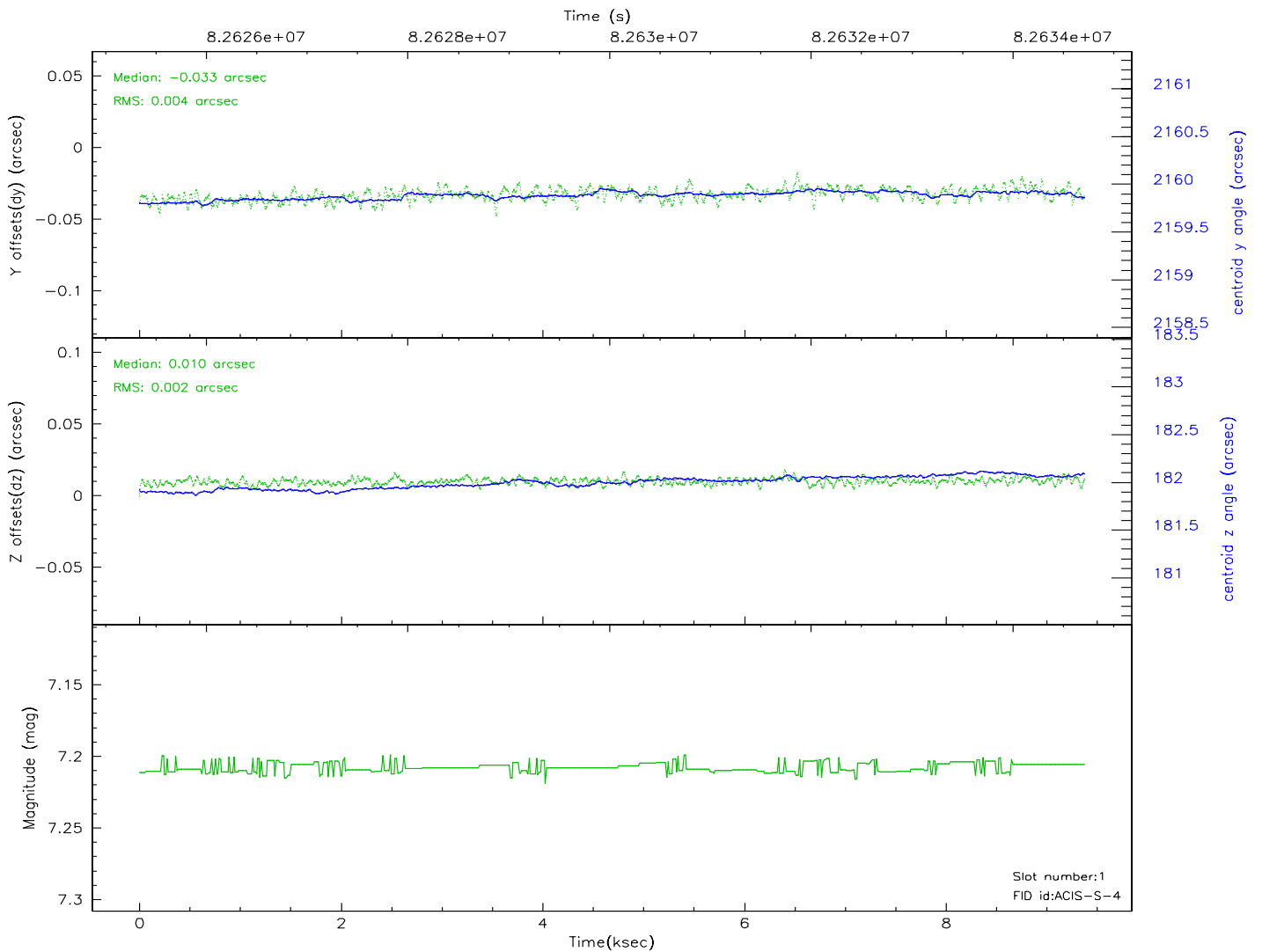
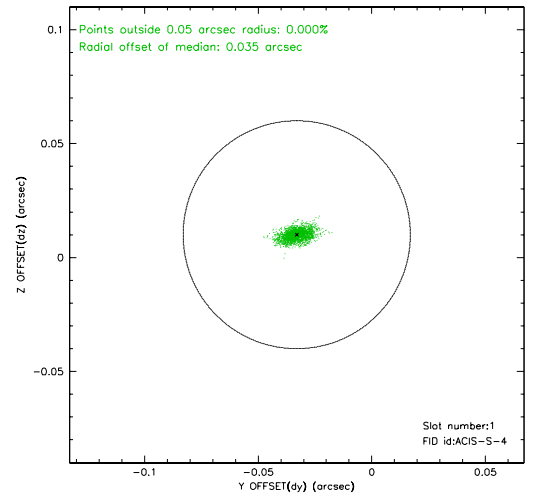
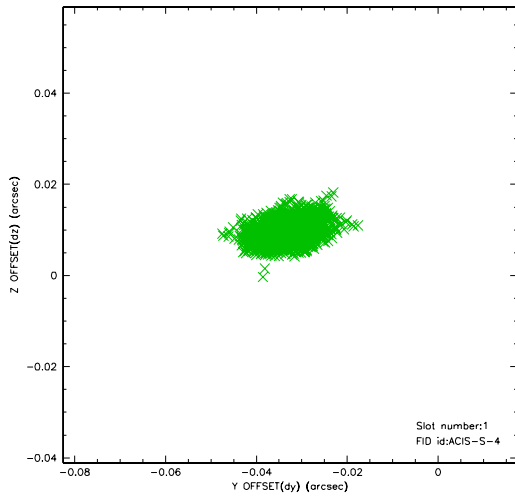


2.5 FID Slots

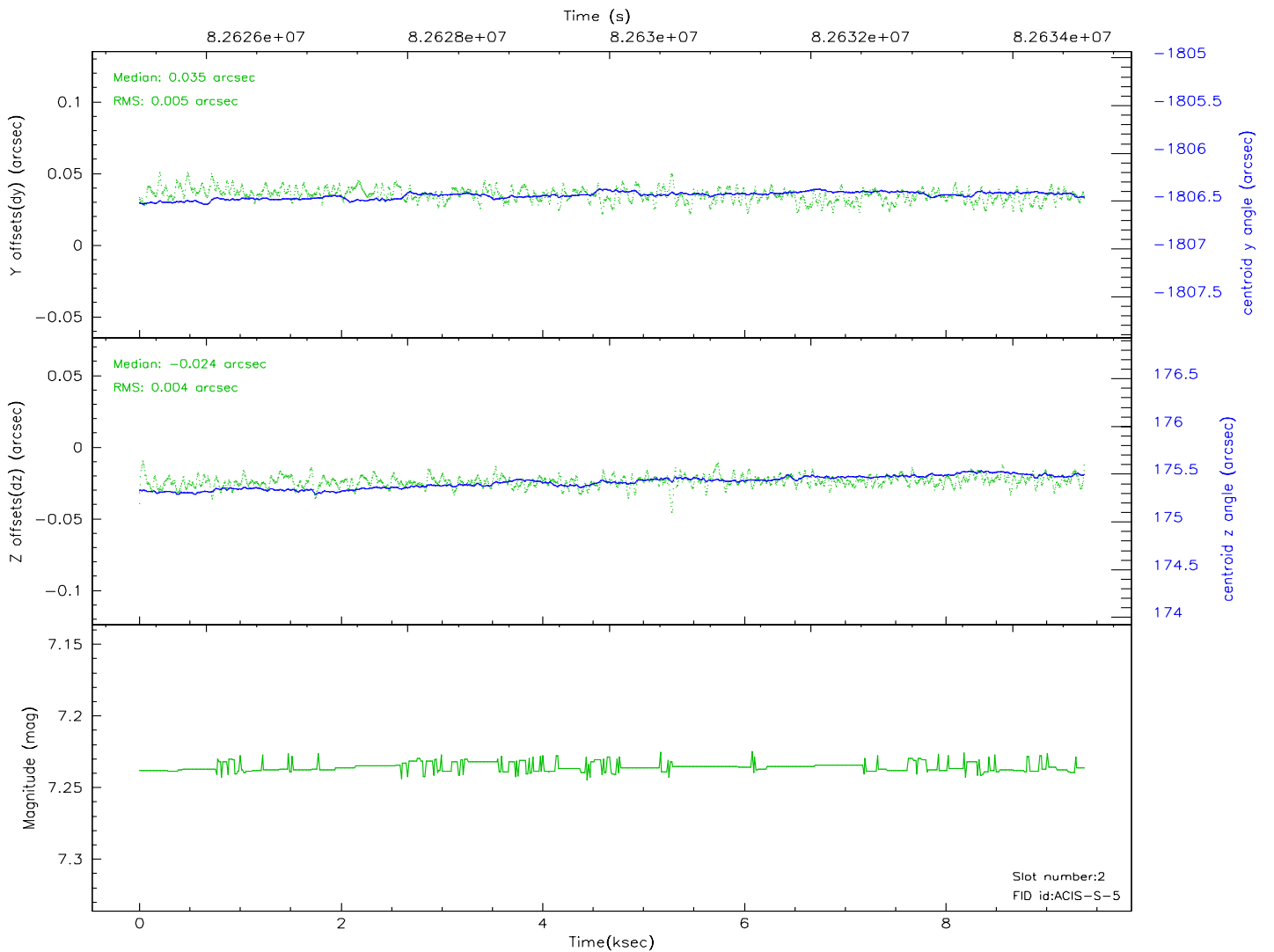
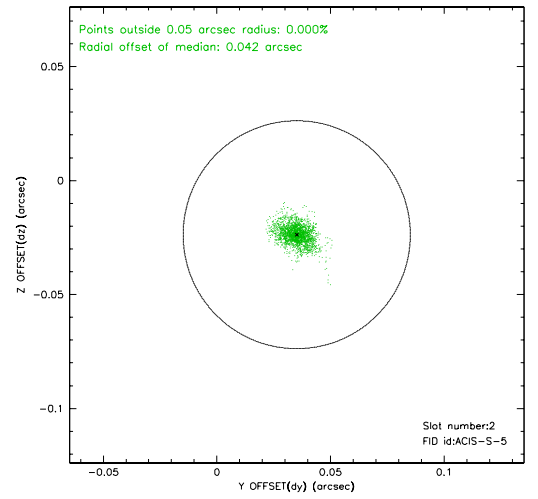
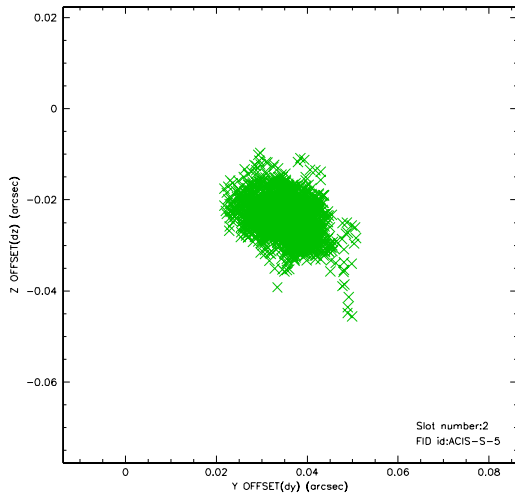
2.5.1 Slot 0



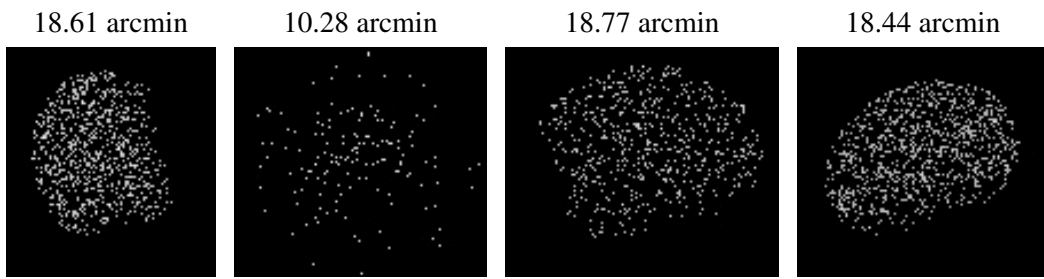
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.06.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.953

A.2 Comments

Monitor constraint met.