

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 3105 - L2 Version 001
Chandra X-Ray Center

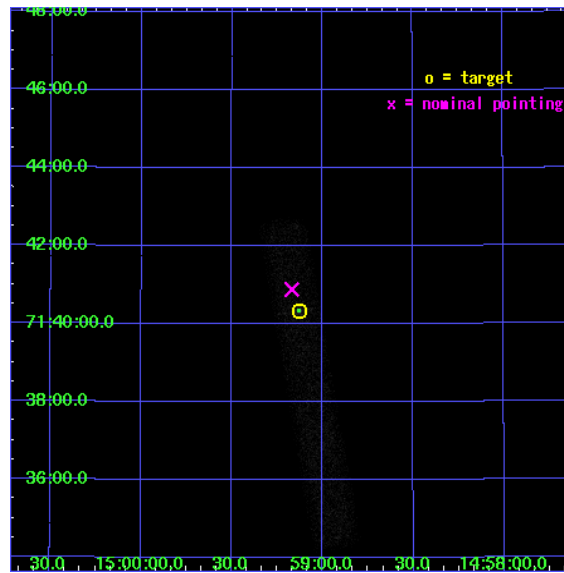
L2 Processing Date : Aug 29 2006

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1 Front

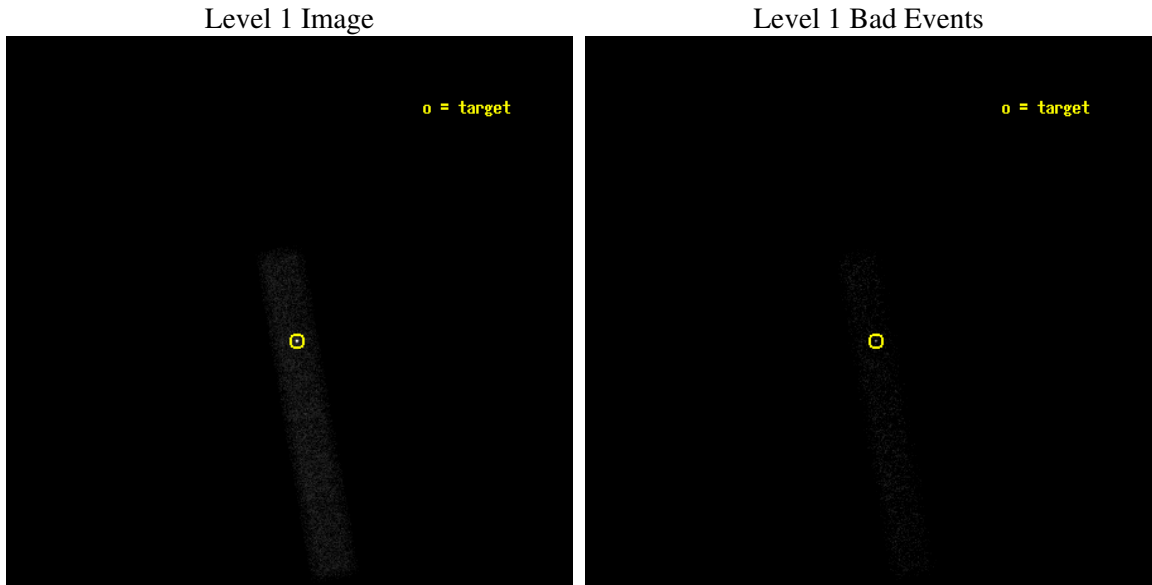
seq_num	700544
obs_id	3105
title	X-RAY IMAGING OF GPS AND CSS QUASARS
observer	Dr Aneta Siemiginowska
object	Q1458+718
dtcycle	0
cycle	P
ra_targ	224.781667
dec_targ	71.672222
ra_nom	224.79228168147
dec_nom	71.681312441119
roll_nom	79.988549034231
revision	3
ontime	18684.800278425
livetime	16946.127587906
ontime7	18684.800278425
l2events	14512



2 OBI

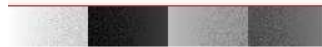
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-08-29T15:34:26
revision	3

sched_exp_time	18000.000000
ontime	18859.517269418
ontime7	18859.517269418
l1events	26509

2.1.4 Events

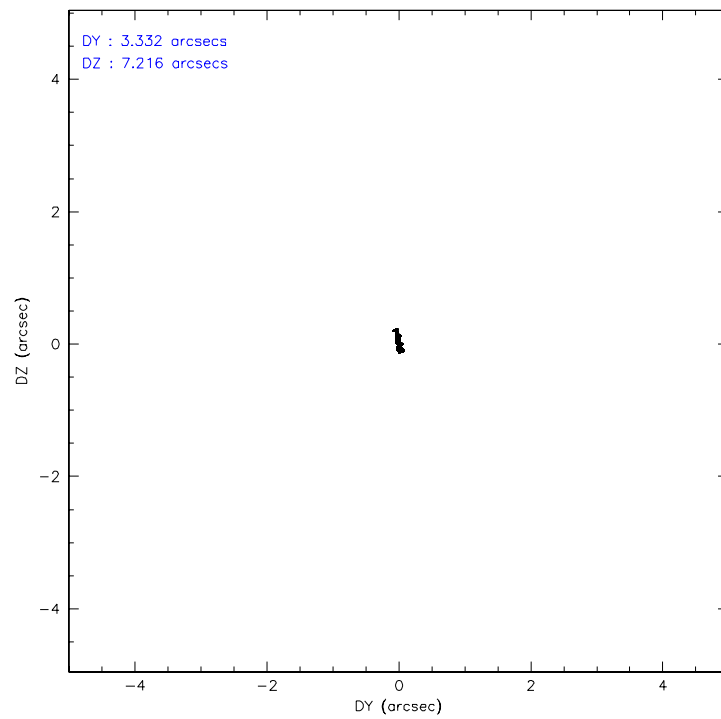
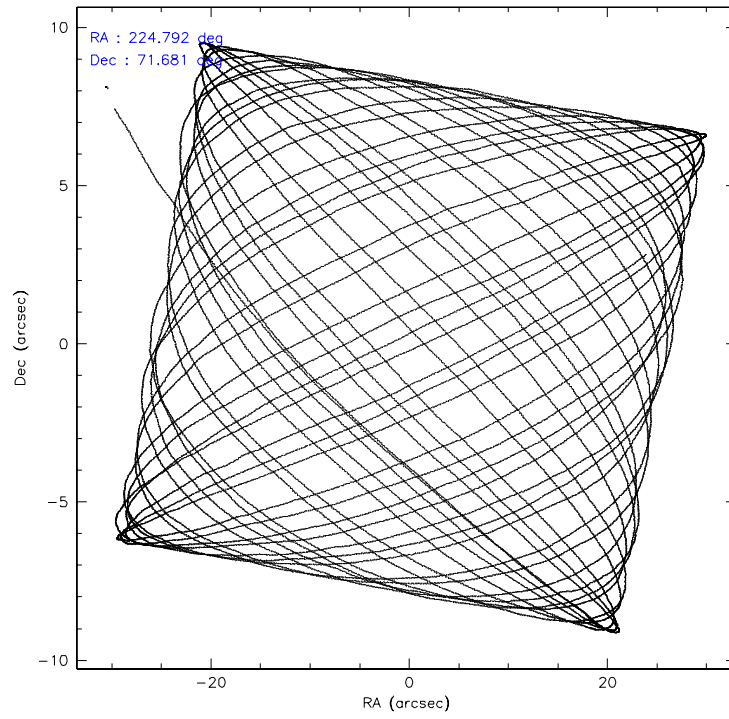
	ccd 7
level 1 events	26509
rejected events	11625
rejected %	43%

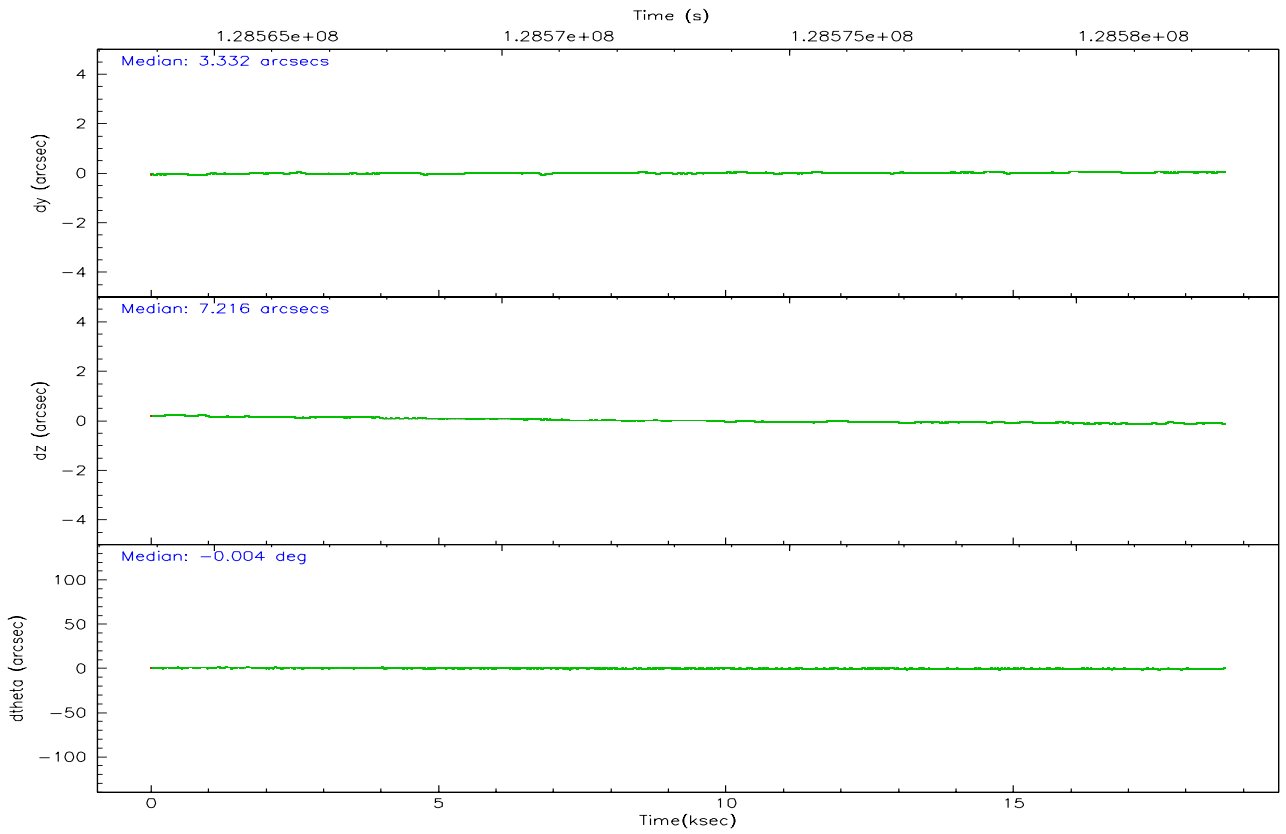
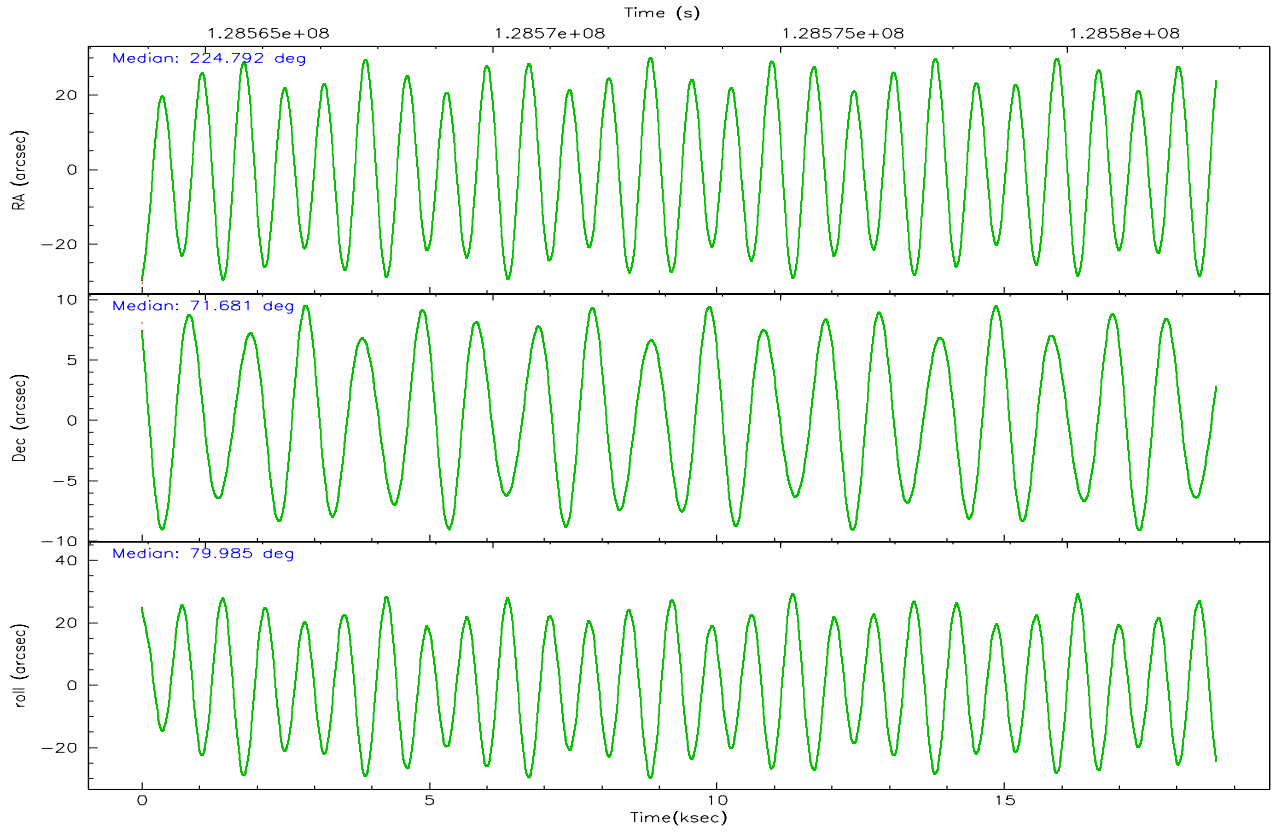
	ccd 7
grade 0 events	2682
	10%
grade 1 events	37
	0%
grade 2 events	3589
	13%
grade 3 events	1690
	6%
grade 4 events	1520
	5%
grade 5 events	1529
	5%
grade 6 events	5521
	20%
grade 7 events	9941
	37%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-7	ACIS-7	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	CUSTOM	1/8
Pointing RA	224.822920	224.7922816814671	Subarray start row	449	449
Pointing Dec	71.655845	71.68131244111905	Subarray row count	128	128
Pointing Roll	79.802836	79.9885490342309	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	0.4
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	128564581.184000	128563375.5807			
Observation start date	2002-01-28T00:21:57	2002-01-28T00:02:55			
Observation end time	128582581.184000	128583271.8565			
Observation end date	2002-01-28T05:21:57	2002-01-28T05:34:31			
Read mode	TIMED	TIMED			

2.3 Aspect



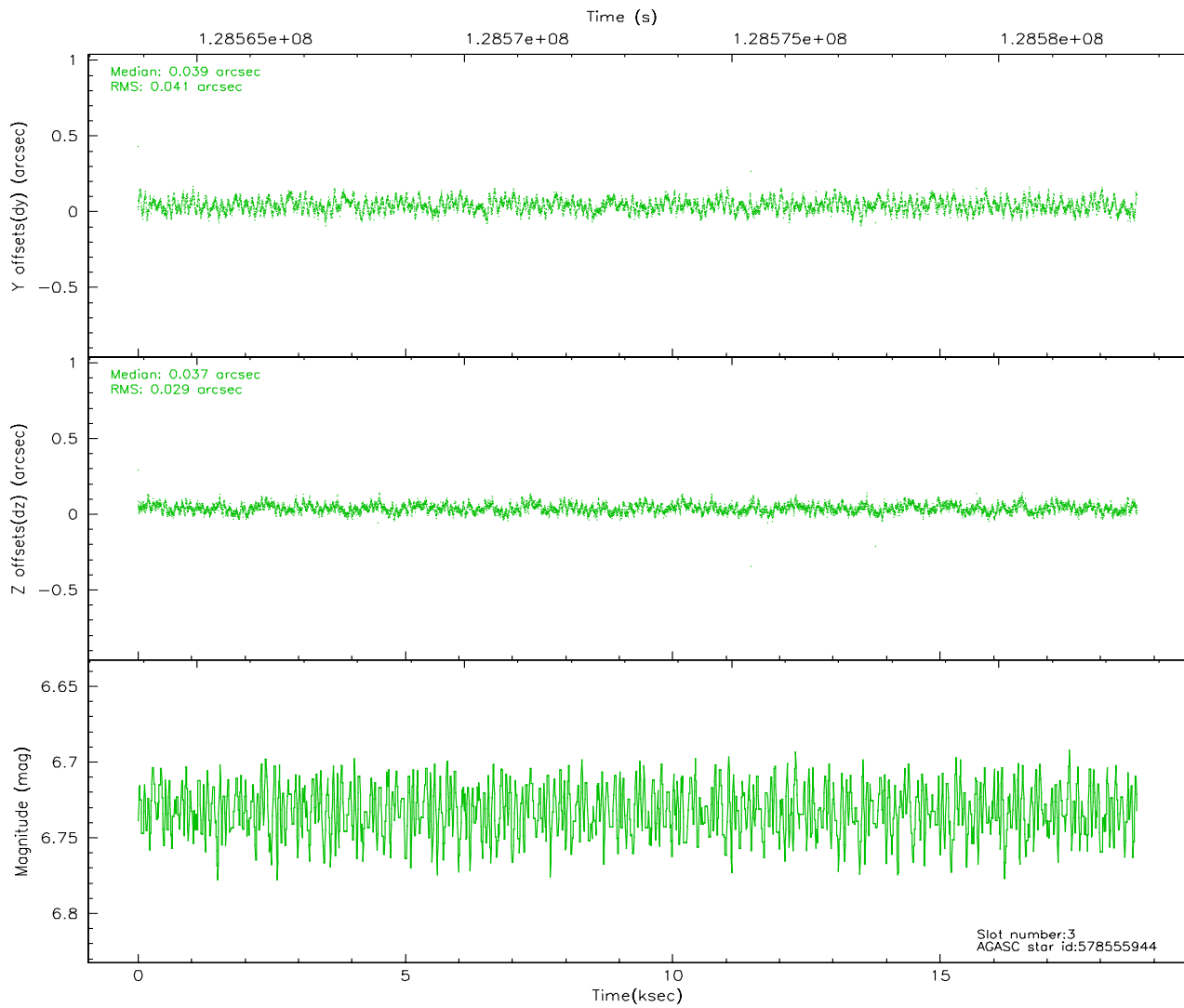
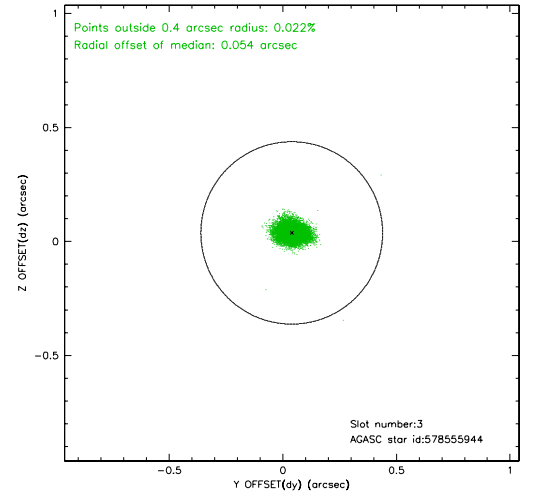
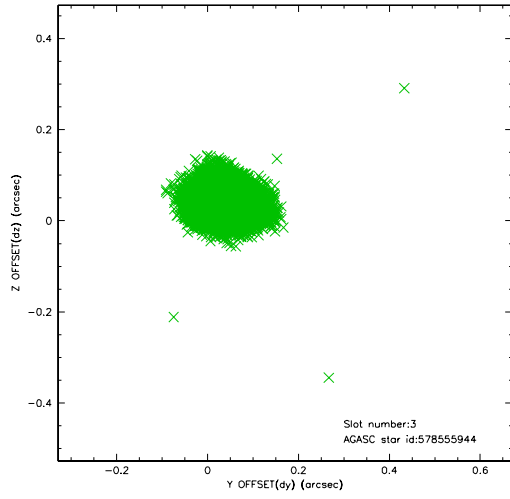


Slot Statistics

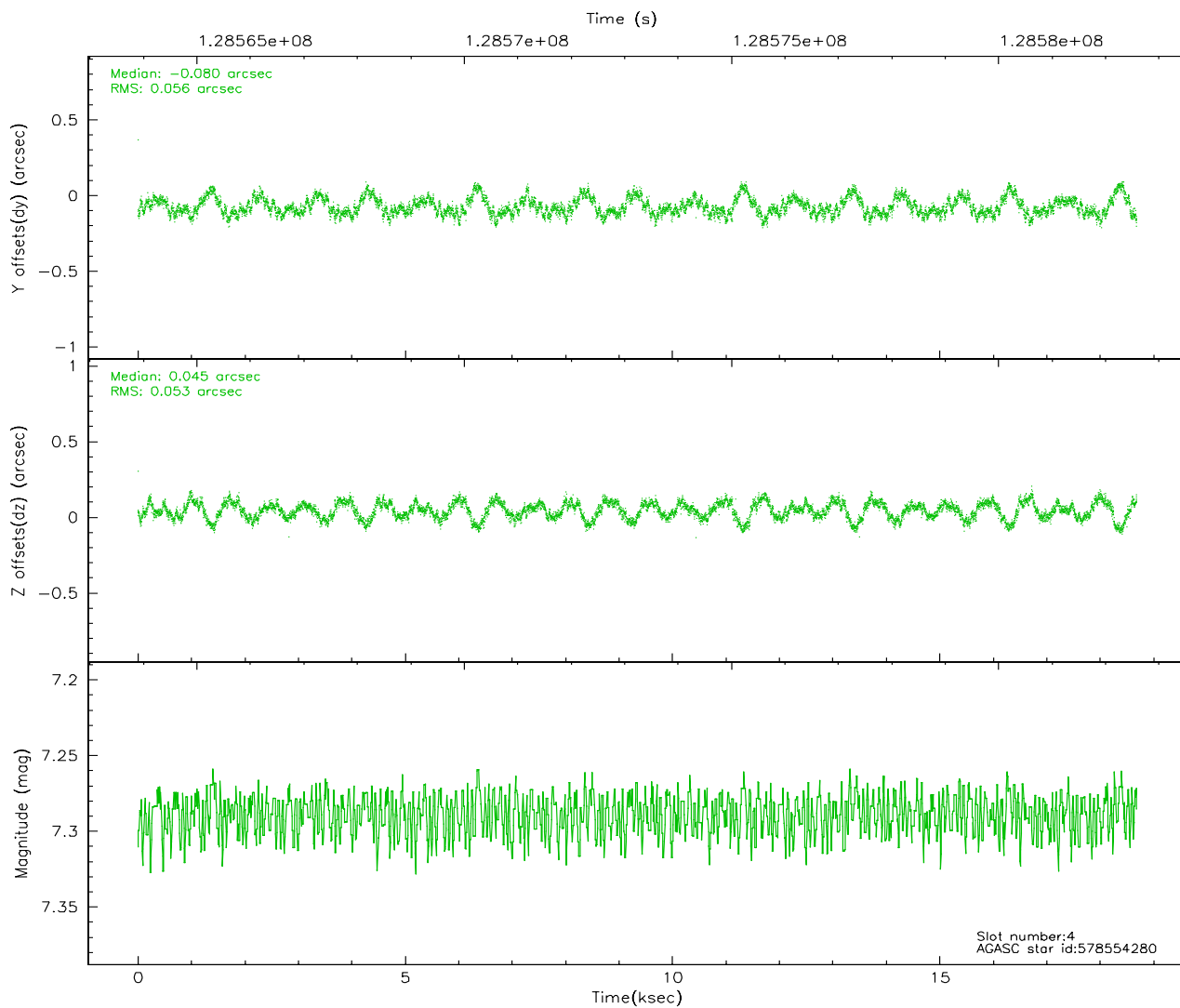
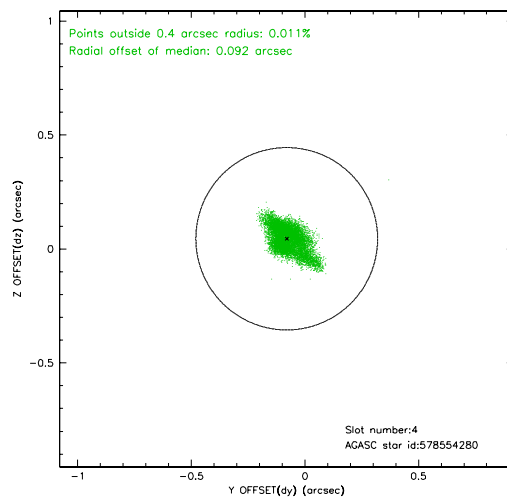
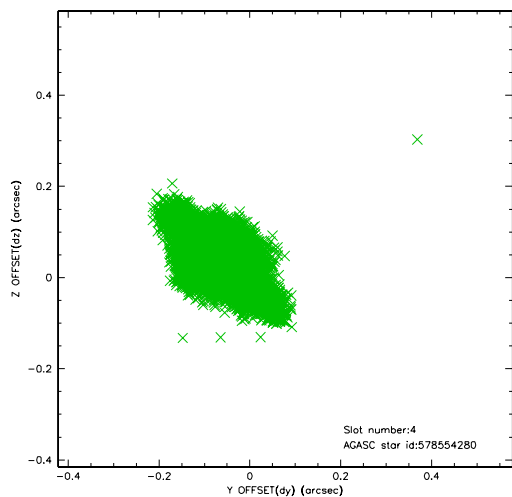
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	4558	0.000	0.026	0.007	0.012	0.000000	0.000000	-755.98	-1728.38
1	FID	ACIS-S-4	7.20	4558	-0.057	-0.007	0.005	0.010	0.000000	0.000000	2157.14	179.86
2	FID	ACIS-S-5	7.24	4558	0.025	-0.010	0.006	0.011	0.000000	0.000000	-1808.53	173.76
3	GUIDE	578555944	6.73	9115	0.039	0.037	0.053	0.084	225.112308	71.765457	447.69	-250.01
4	GUIDE	578554280	7.29	9114	-0.080	0.045	0.077	0.143	226.440995	71.882716	1149.26	-1633.50
5	GUIDE	578561736	8.20	9113	-0.050	0.001	0.062	0.097	225.327417	71.113647	-1813.70	-924.13
6	GUIDE	578430600	8.92	9111	0.038	-0.075	0.063	0.103	223.553187	71.448379	-976.95	1301.44
7	GUIDE	578562768	9.08	9111	0.045	-0.007	0.082	0.134	226.218966	71.765618	686.08	-1474.28

2.4 Star Slots

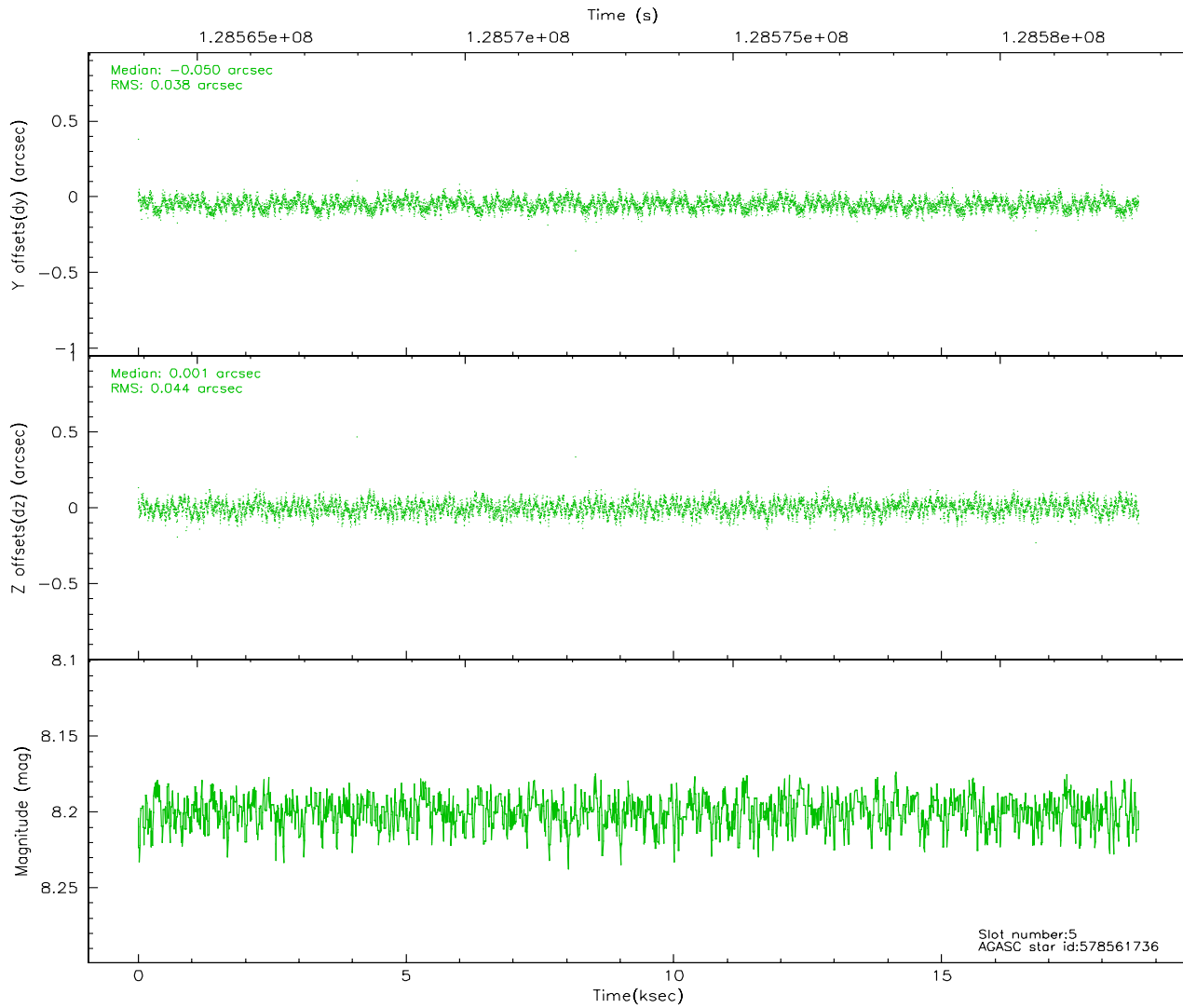
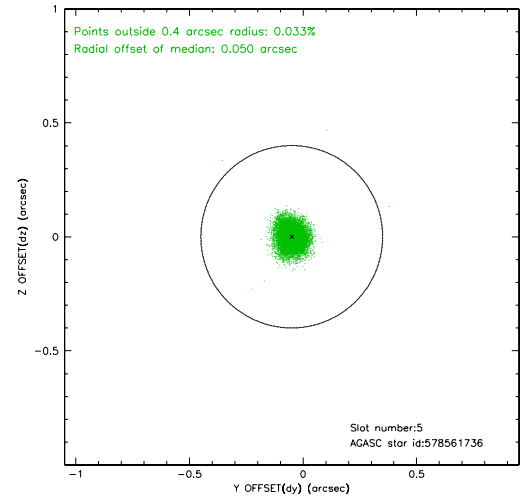
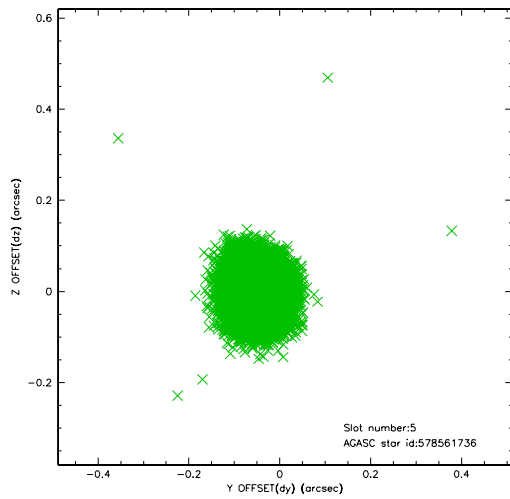
2.4.1 Slot 3



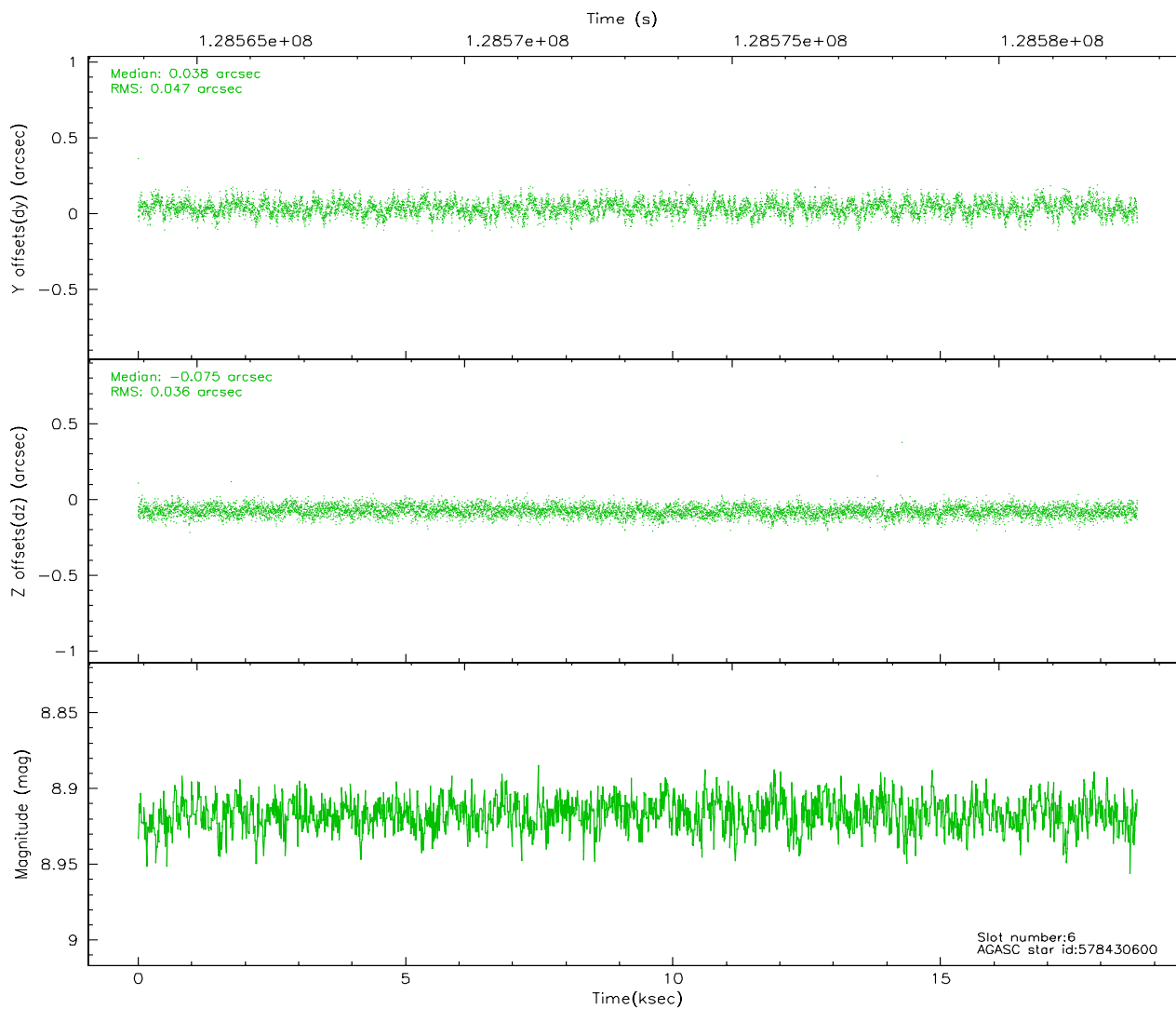
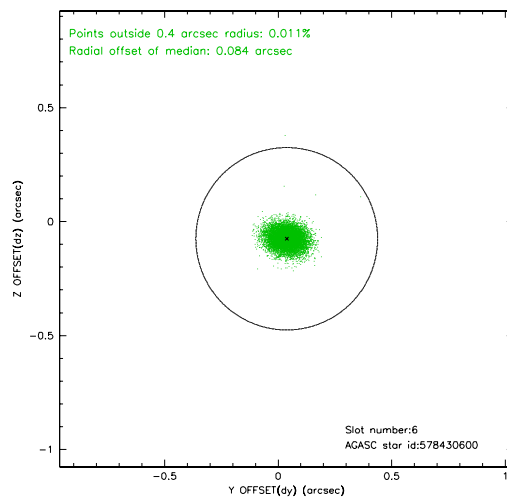
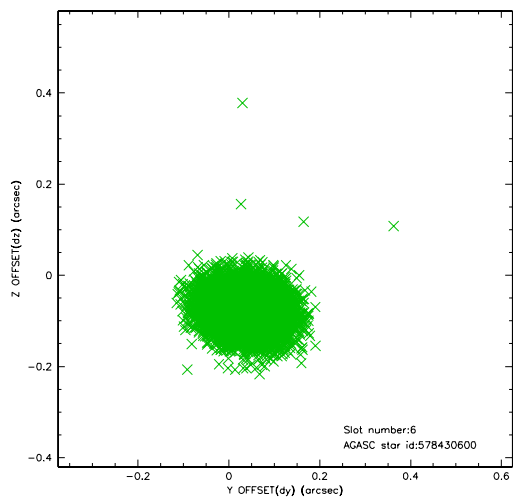
2.4.2 Slot 4



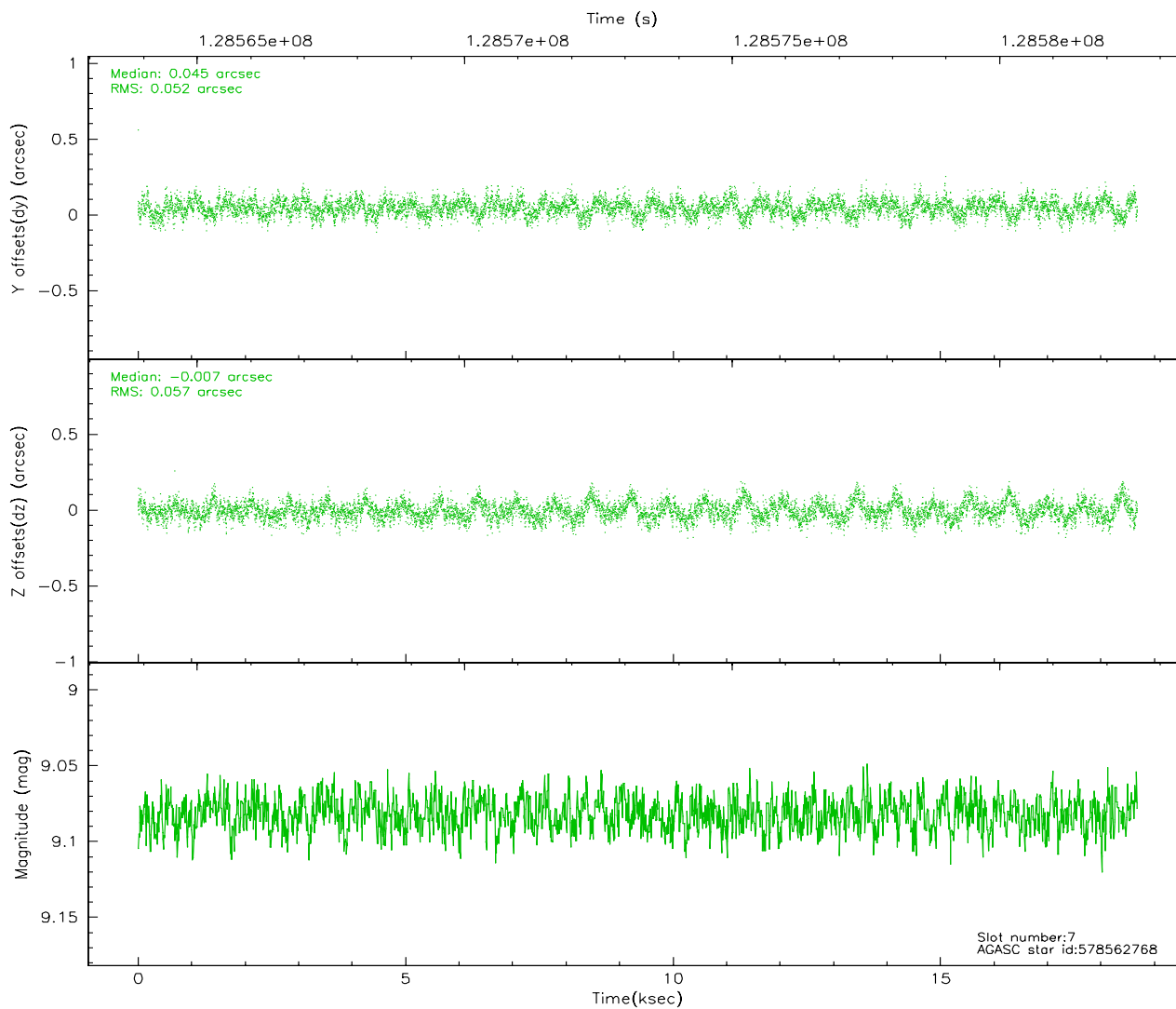
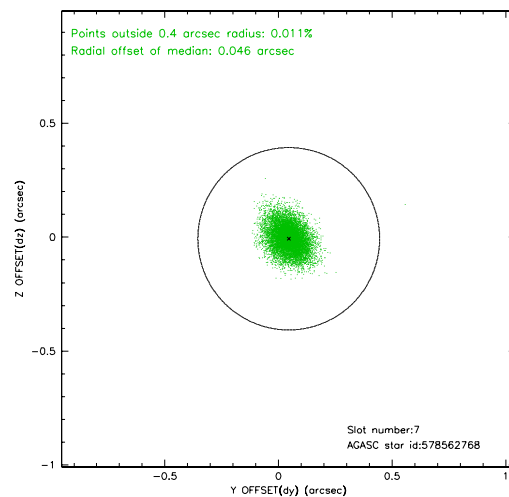
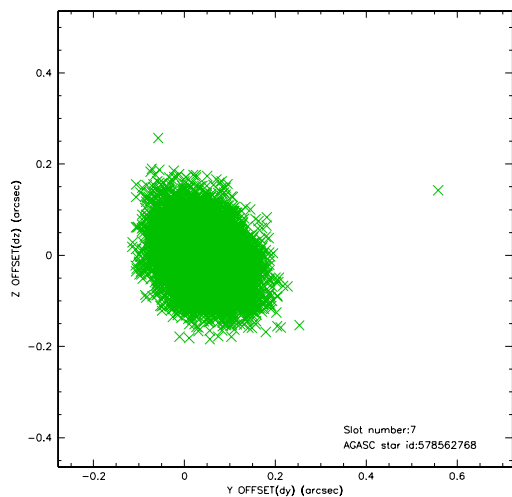
2.4.3 Slot 5



2.4.4 Slot 6

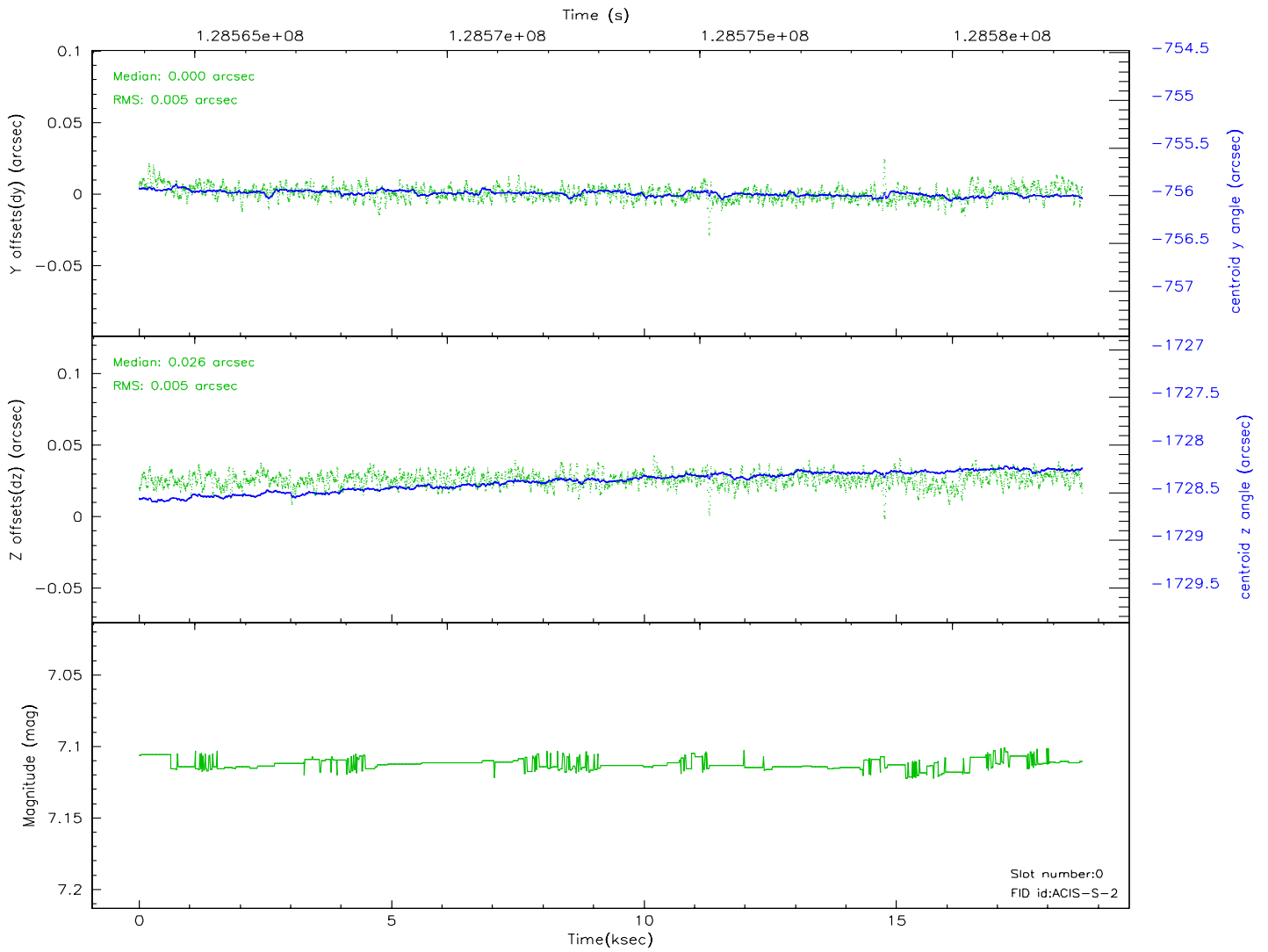
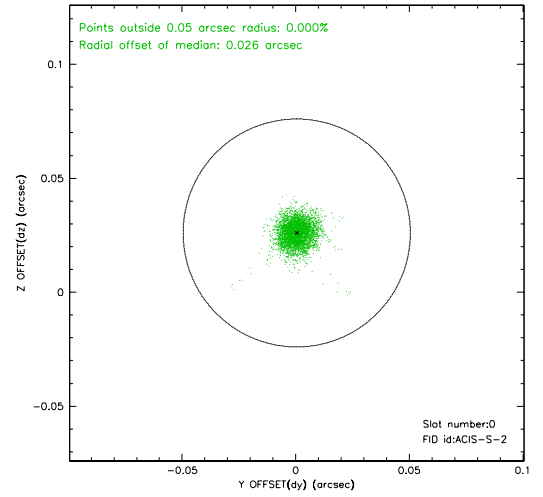
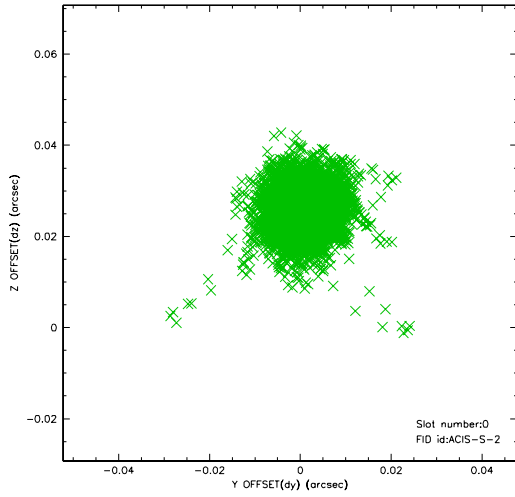


2.4.5 Slot 7

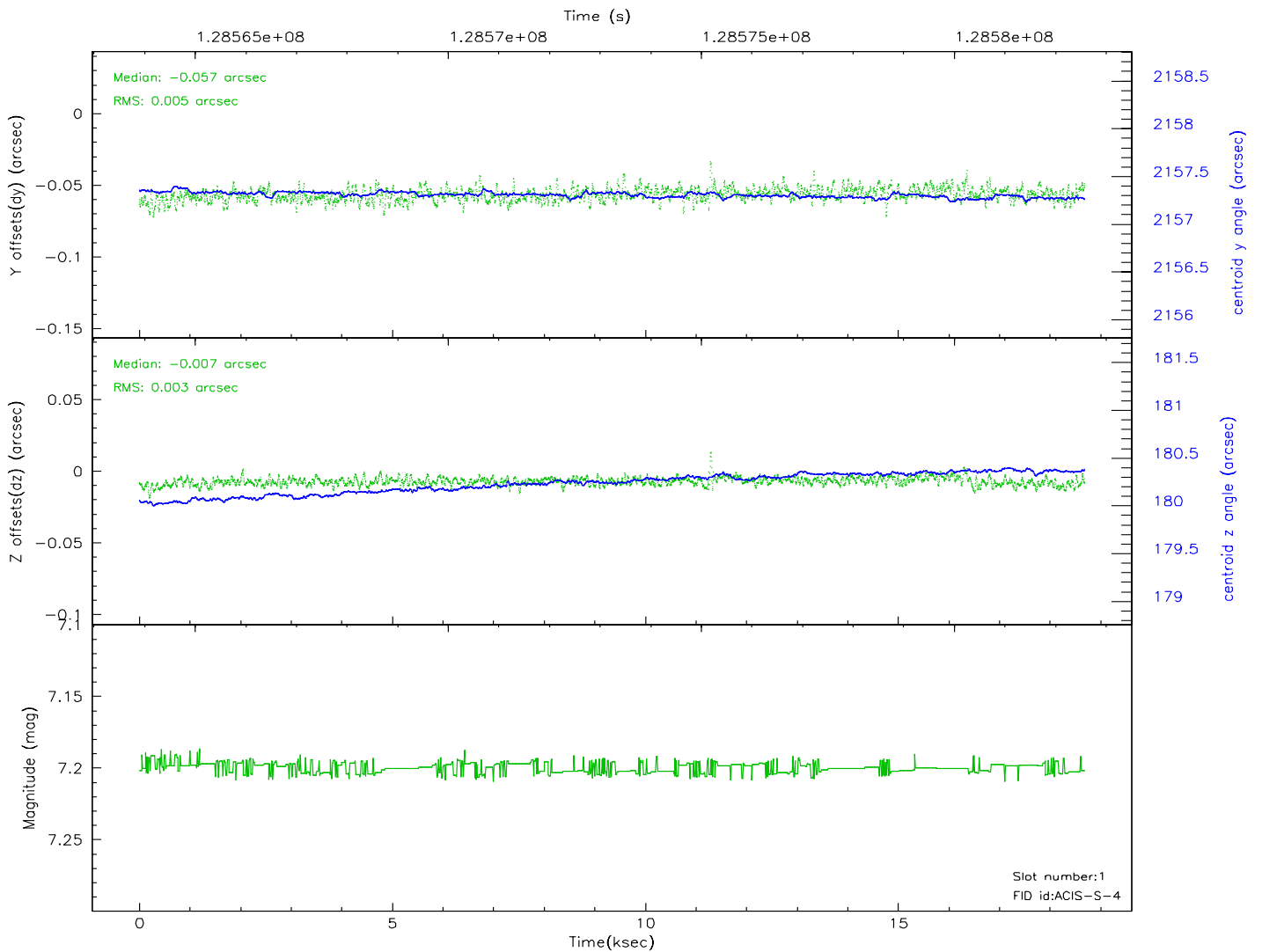
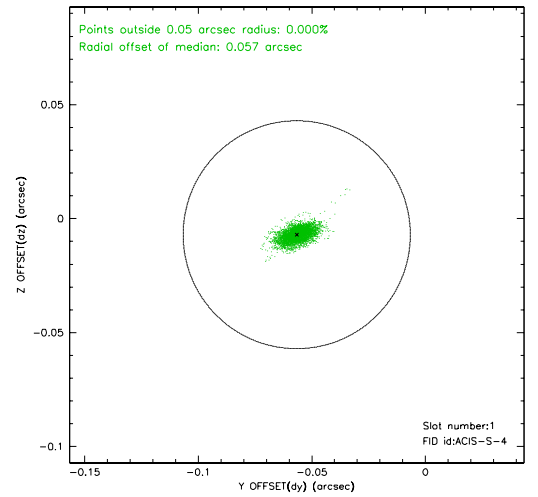
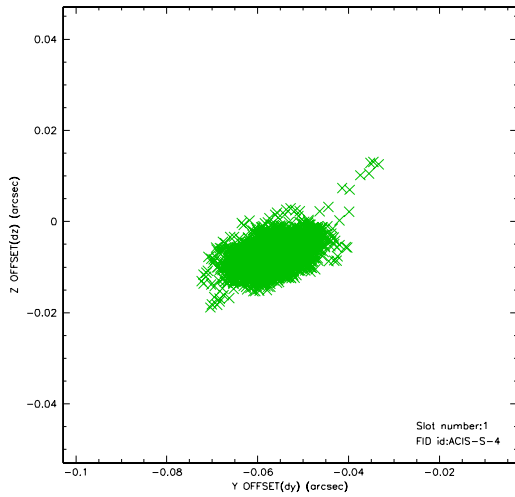


2.5 FID Slots

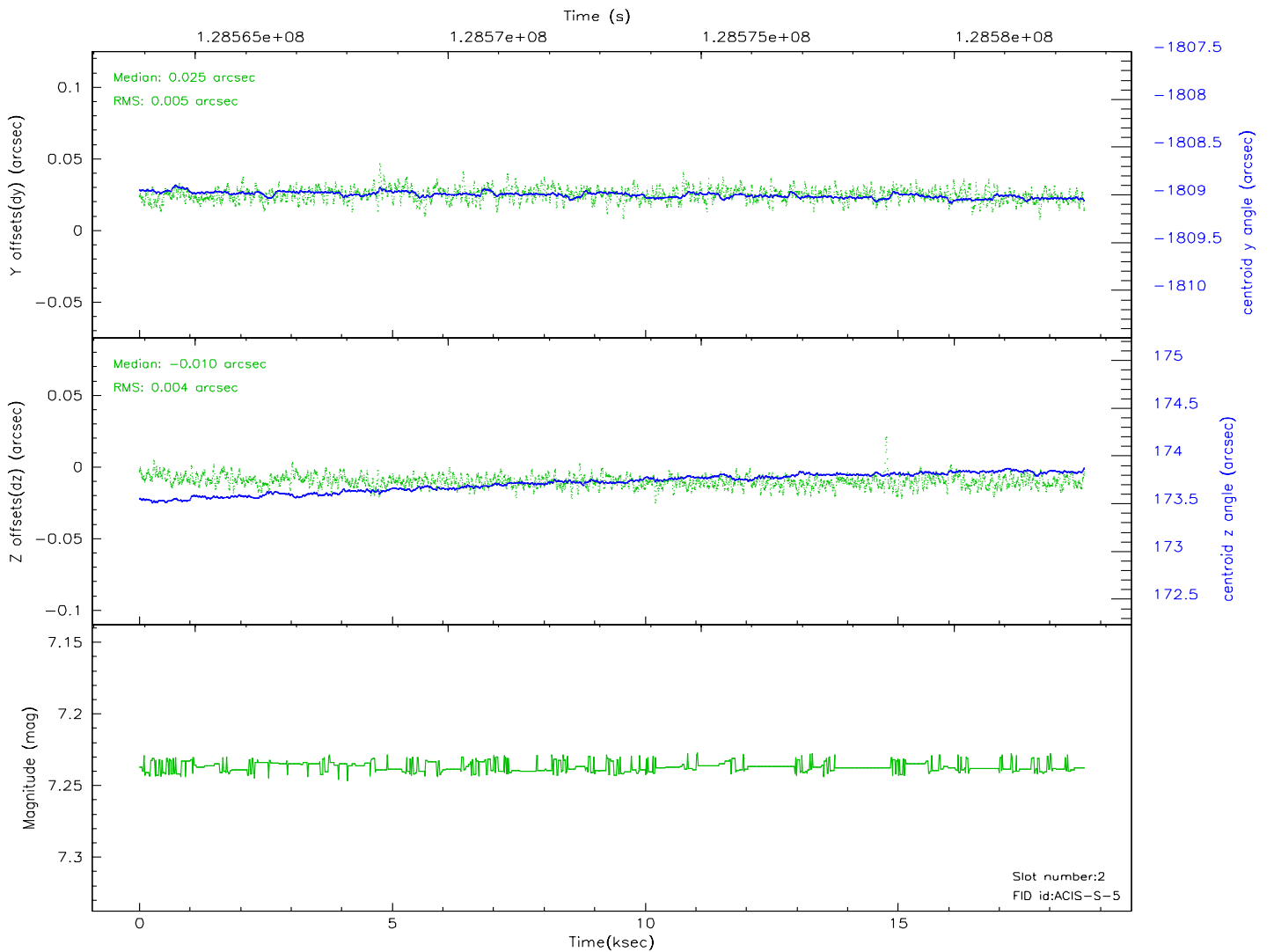
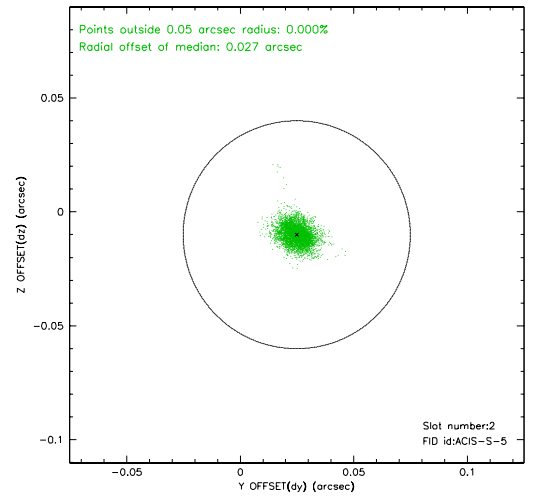
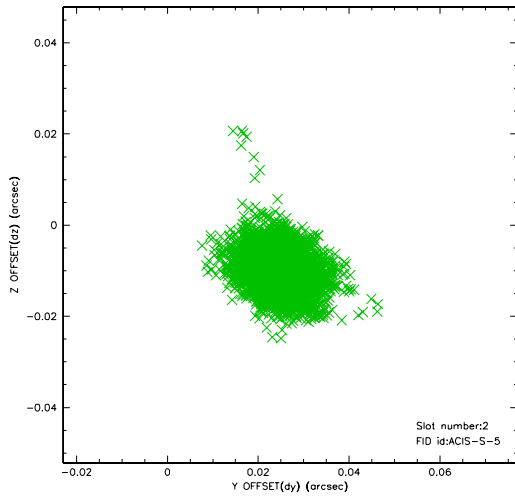
2.5.1 Slot 0



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)	2006.08.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.684

A.2 Comments