

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 1767 - L2 Version 001
Chandra X-Ray Center

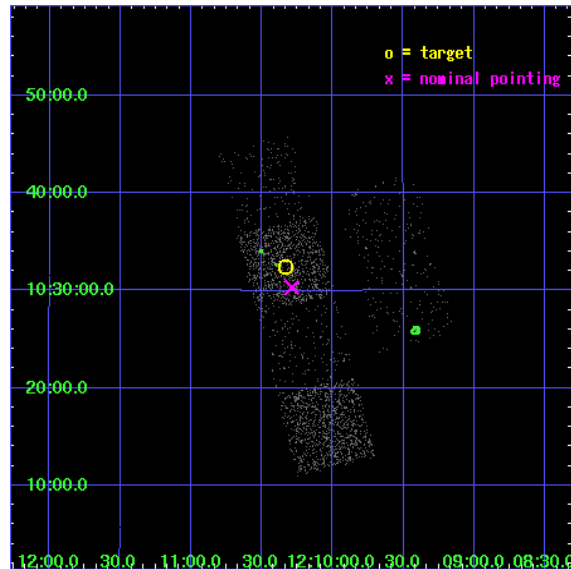
L2 Processing Date : Jun 1 2007

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

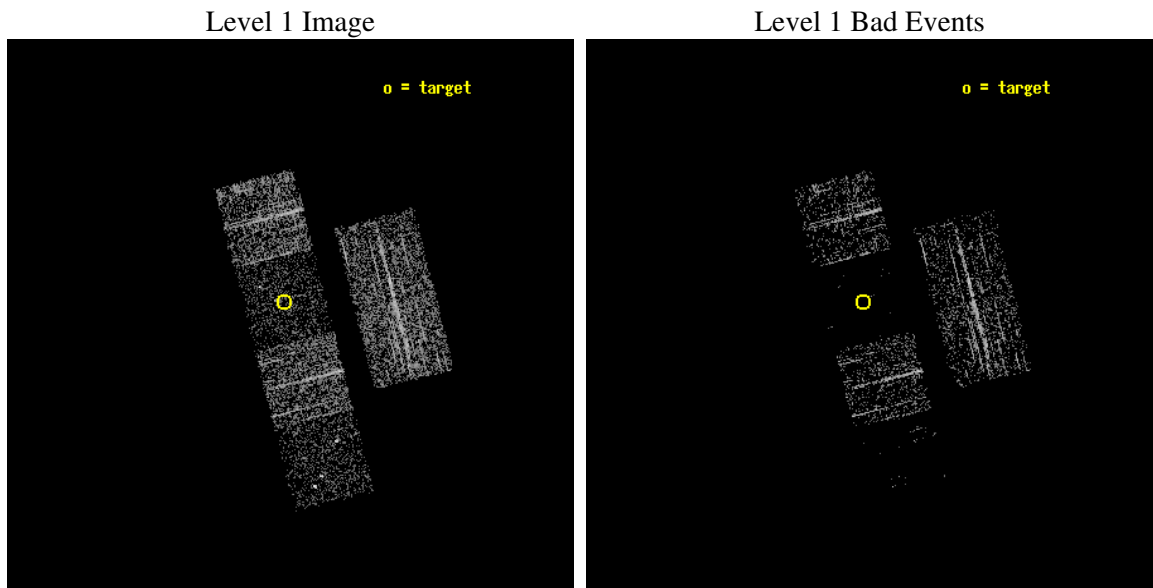
seq_num	100004
obs_id	1767
title	AXAF LOW ENERGY SPECTROSCOPY AND PHOTOMETRIC IMAGING OF COMETARY X-RAY EMISSION FROM COMET P/TEMPEL 2
observer	Dr. Carey Lisse
object	Comet c/LINEAR 1999 S4
dtcycle	0
cycle	P
ra_targ	182.58361
dec_targ	10.54139
ra_nom	182.57197070745
dec_nom	10.505413452604
roll_nom	255.6603532343
revision	3
ontime	1196.8000011146
livetime	1181.645398874
ontime2	1196.8000011146
ontime3	1196.8000011146
ontime5	1196.8000011146
ontime6	1196.8000011146
ontime7	1196.8000011146
ontime8	1196.8000011146
l2events	2838



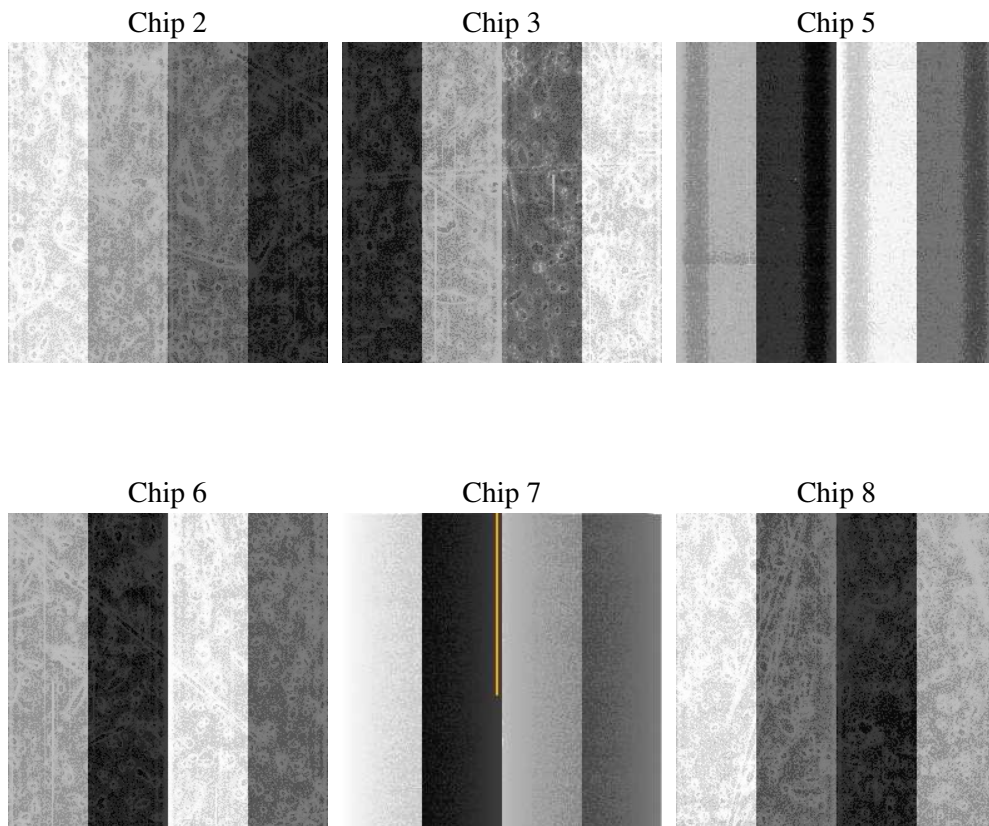
2 OBI

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	2007-06-01T04:29:49
revision	3

sched_exp_time	1270.000000
ontime	1196.8000011146
ontime2	1196.8000011146
ontime3	1196.8000011146
ontime5	1196.8000011146
ontime6	1196.8000011146
ontime7	1196.8000011146
ontime8	1196.8000011146
l1events	26215

2.1.4 Events

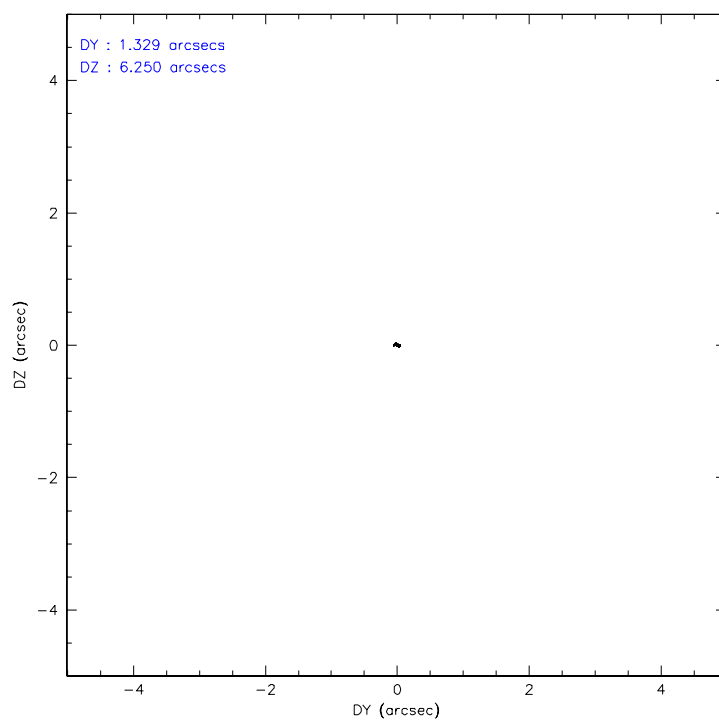
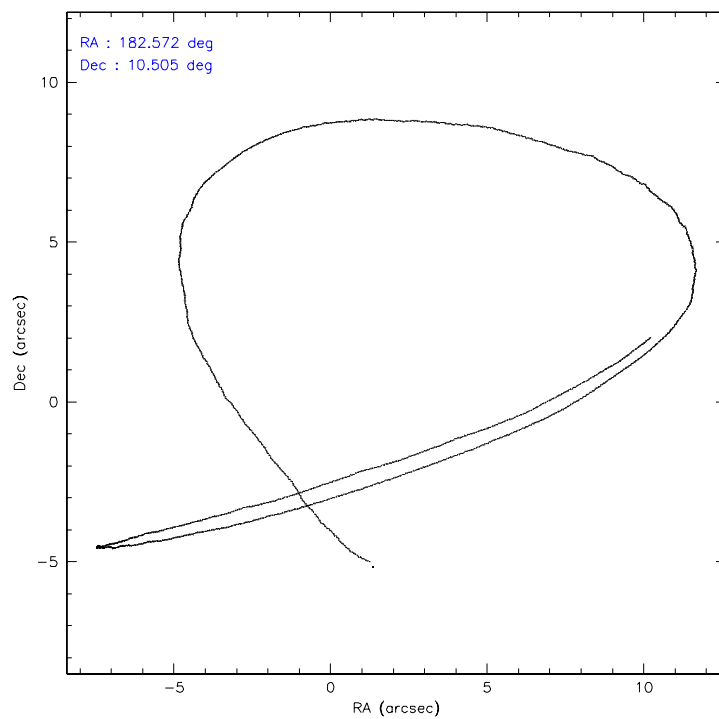
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	6413	5140	1892	5290	1536	5944
rejected events	6188	4972	431	5067	297	5251
rejected %	96%	96%	22%	95%	19%	88%

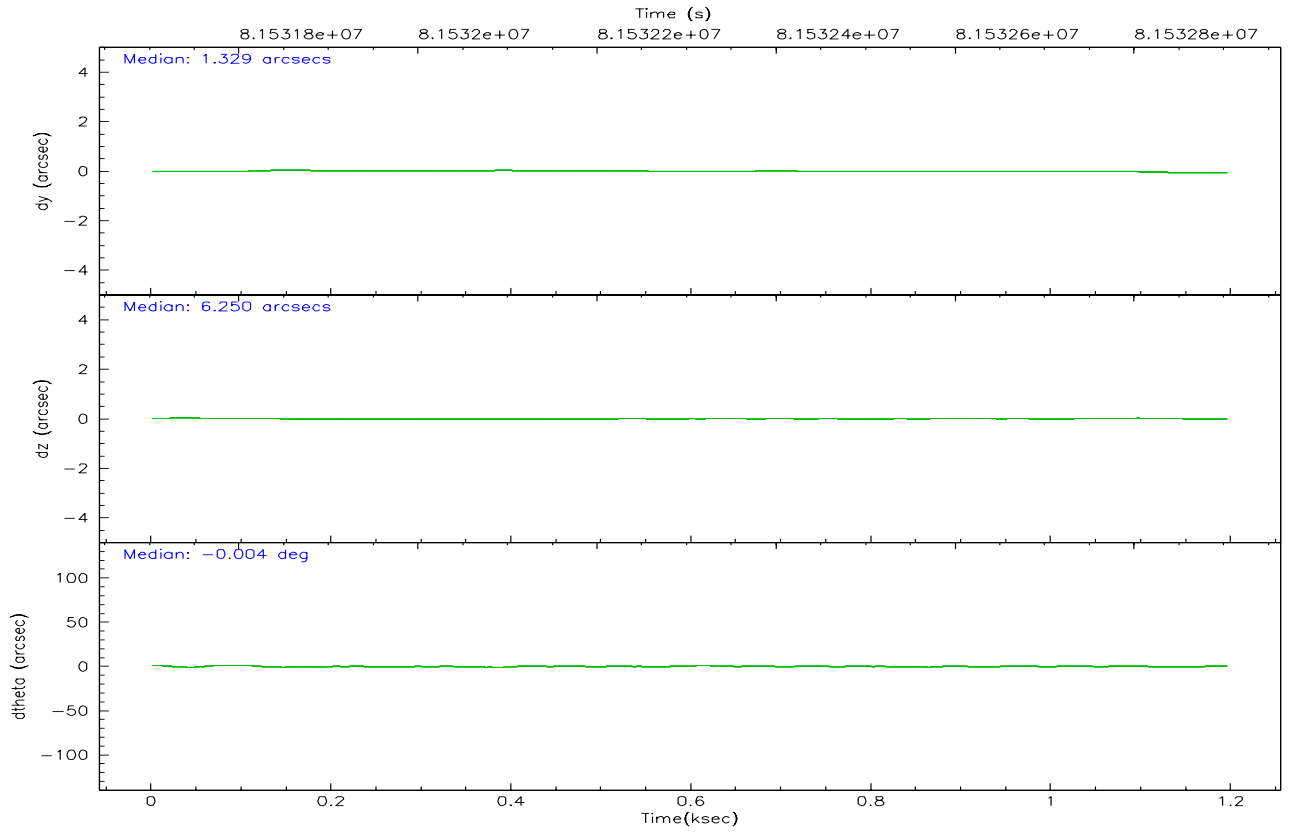
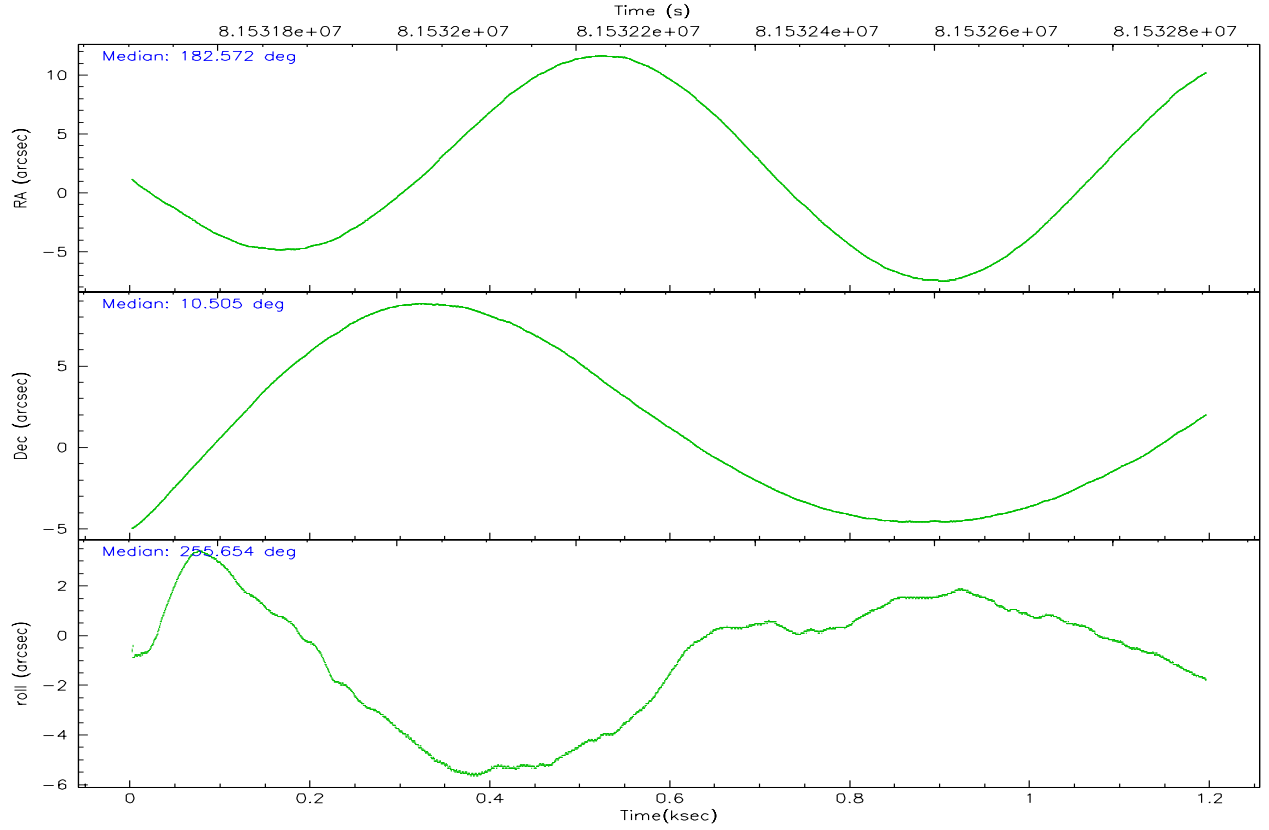
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	134	119	768	159	463	272
	2%	2%	40%	3%	30%	4%
grade 1 events	4	1	13	1	1	2
	0%	0%	0%	0%	0%	0%
grade 2 events	62	17	509	42	417	203
	0%	0%	26%	0%	27%	3%
grade 3 events	34	38	127	35	180	109
	0%	0%	6%	0%	11%	1%
grade 4 events	42	28	133	31	162	92
	0%	0%	7%	0%	10%	1%
grade 5 events	11	3	32	0	16	16
	0%	0%	1%	0%	1%	0%
grade 6 events	29	14	181	11	222	205
	0%	0%	9%	0%	14%	3%
grade 7 events	6097	4920	129	5011	75	5045
	95%	95%	6%	94%	4%	84%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	182.564609	182.5719707074512	Subarray requested	NONE	NONE
Pointing Dec	10.531757	10.50541345260373	Alternating exposures requested	N	N
Pointing Roll	255.505101	255.6603532343046	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	81531630.184000	81531524.47850201			
Observation start date	2000-08-01T15:39:26	2000-08-01T15:38:44			
Observation end time	81532900.184000	81533034.30355801			
Observation end date	2000-08-01T16:00:36	2000-08-01T16:03:54			
Read mode	TIMED	TIMED			

2.3 Aspect



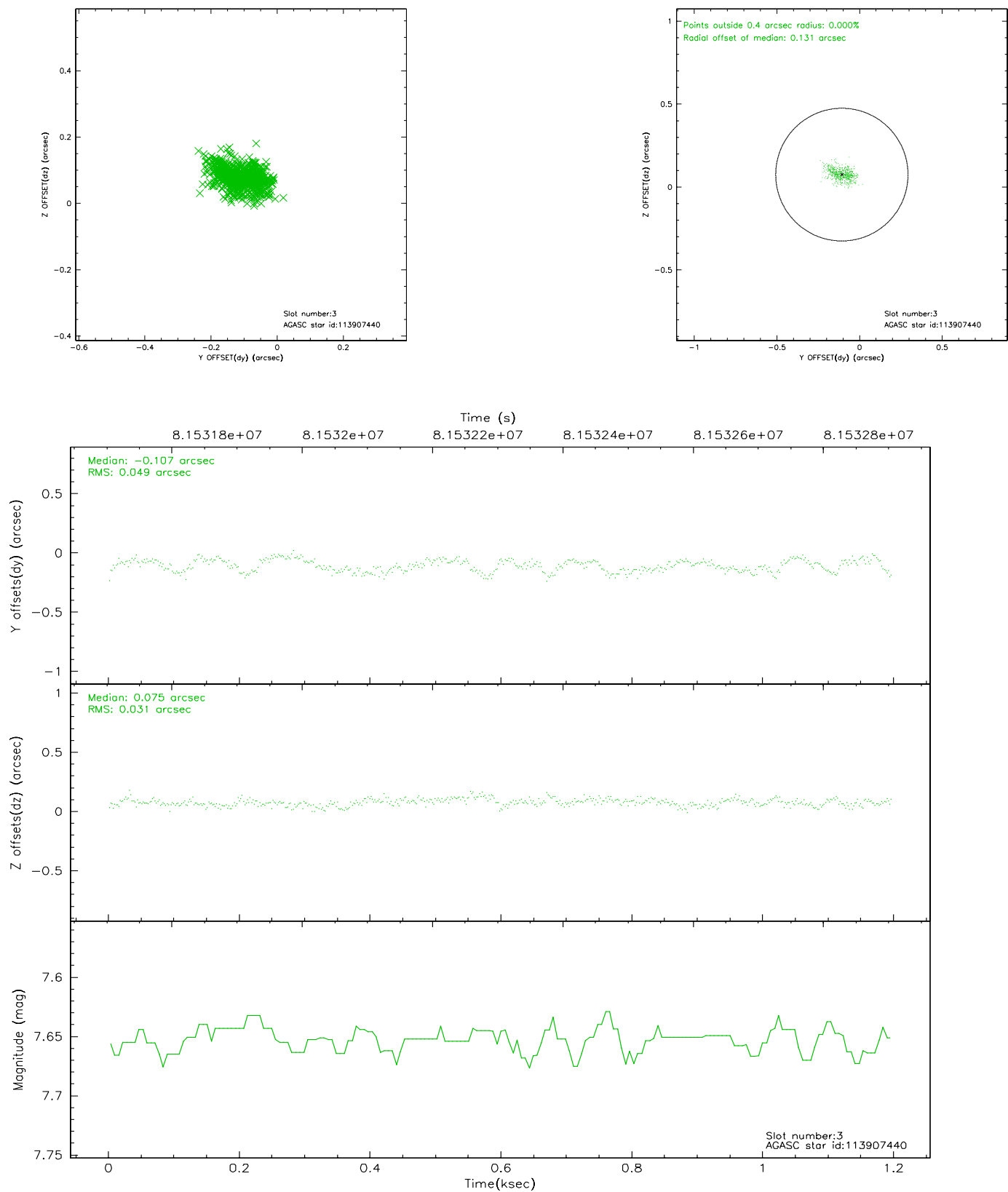


Slot Statistics

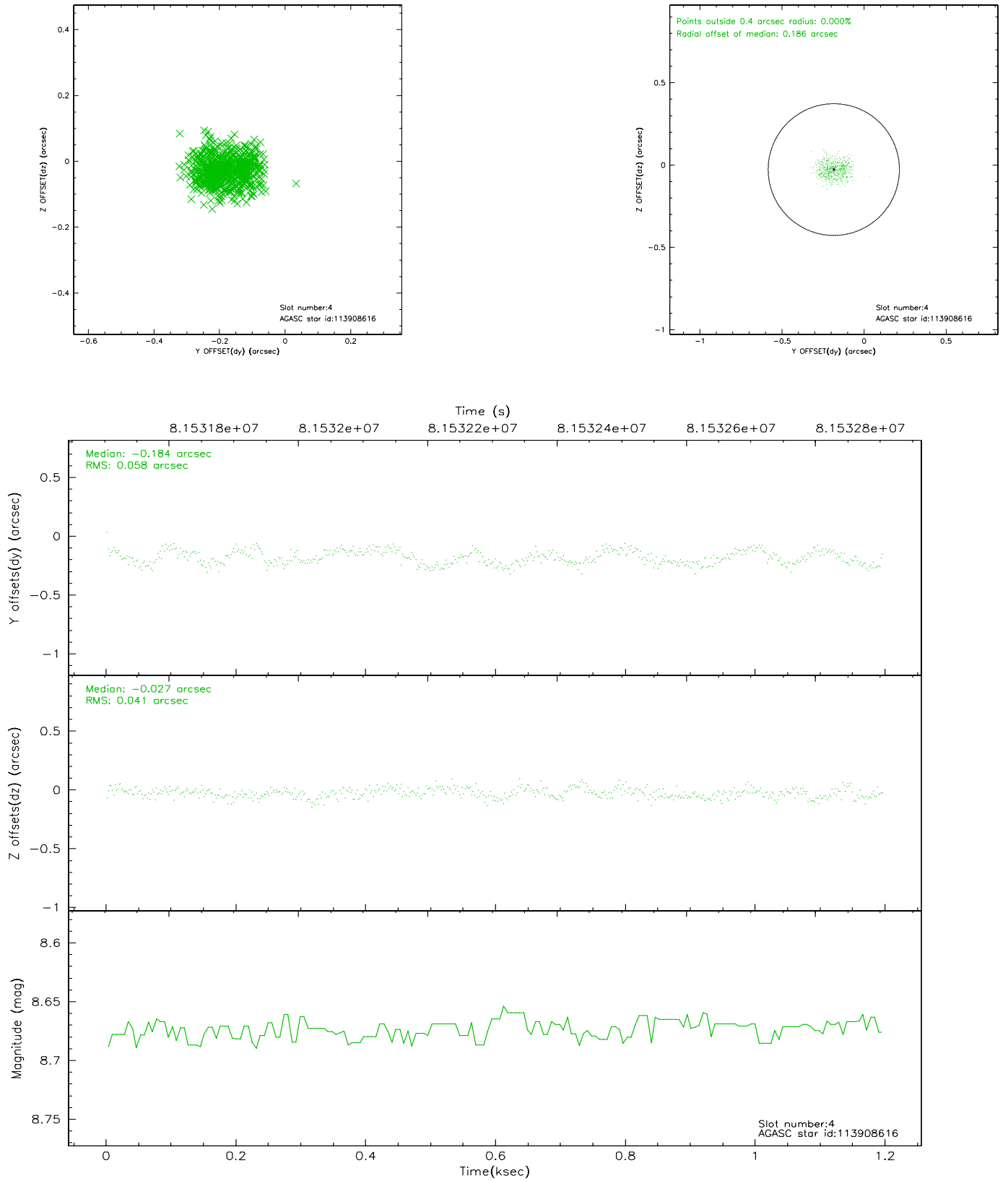
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	292	-0.021	0.039	0.006	0.011	0.000000	0.000000	-753.94	-1727.31
1	FID	ACIS-S-4	7.21	292	-0.069	-0.000	0.005	0.010	0.000000	0.000000	2156.77	175.39
2	FID	ACIS-S-5	7.23	292	0.057	-0.029	0.006	0.011	0.000000	0.000000	-1799.52	175.36
3	GUIDE	113907440	7.65	584	-0.107	0.075	0.062	0.098	183.304663	10.821652	-1668.04	2272.09
4	GUIDE	113908616	8.67	584	-0.184	-0.027	0.077	0.116	182.402585	11.211583	-2228.88	-1162.46
5	GUIDE	113909952	9.86	584	0.165	0.060	0.091	0.149	182.703120	10.082649	1439.06	878.75
6	GUIDE	113905264	10.18	583	0.110	-0.003	0.121	0.190	182.445692	10.343633	764.10	-236.12
7	GUIDE	113910808	10.23	583	0.026	-0.112	0.149	0.242	183.289541	10.594003	-860.44	2426.72

2.4 Star Slots

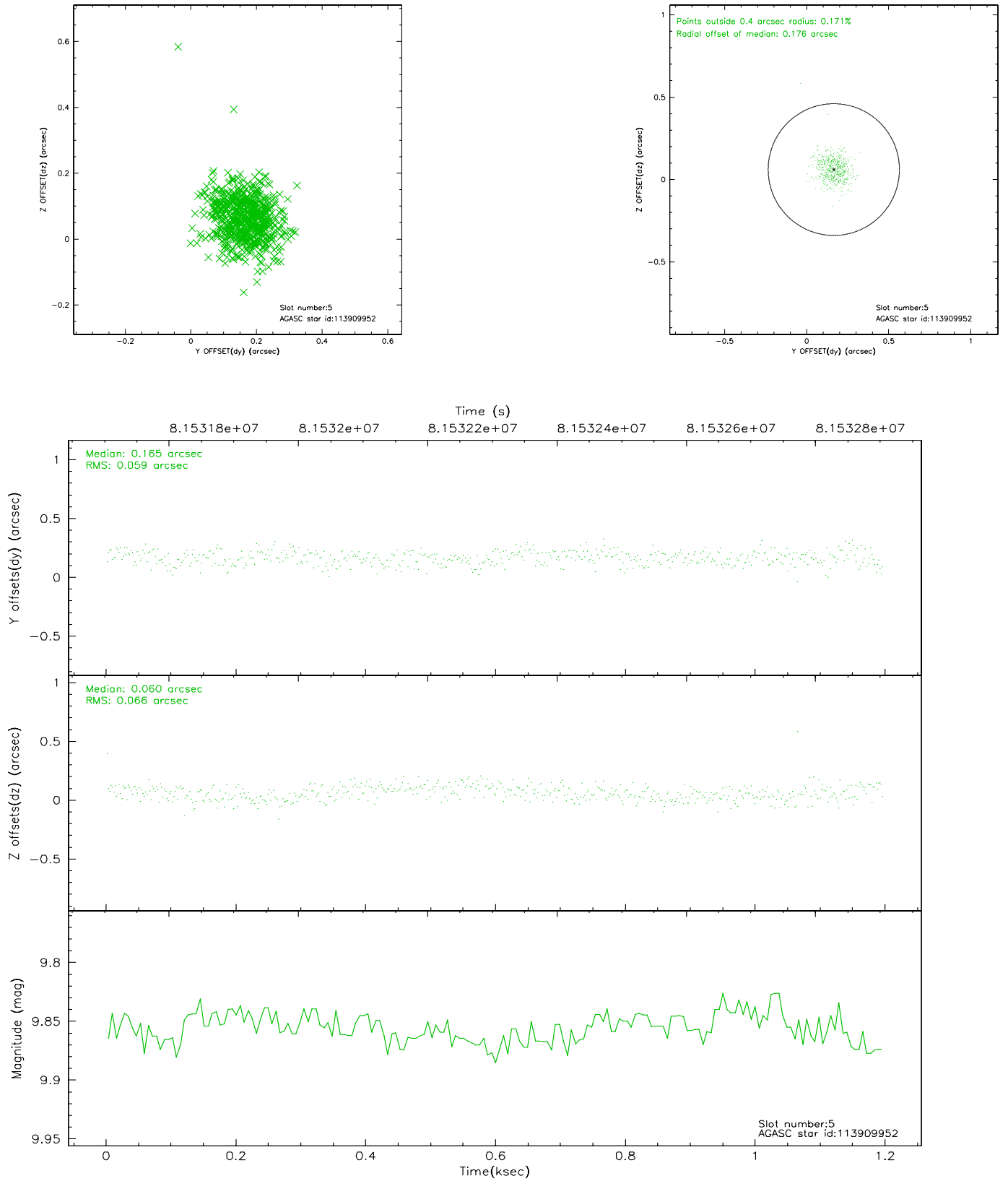
2.4.1 Slot 3



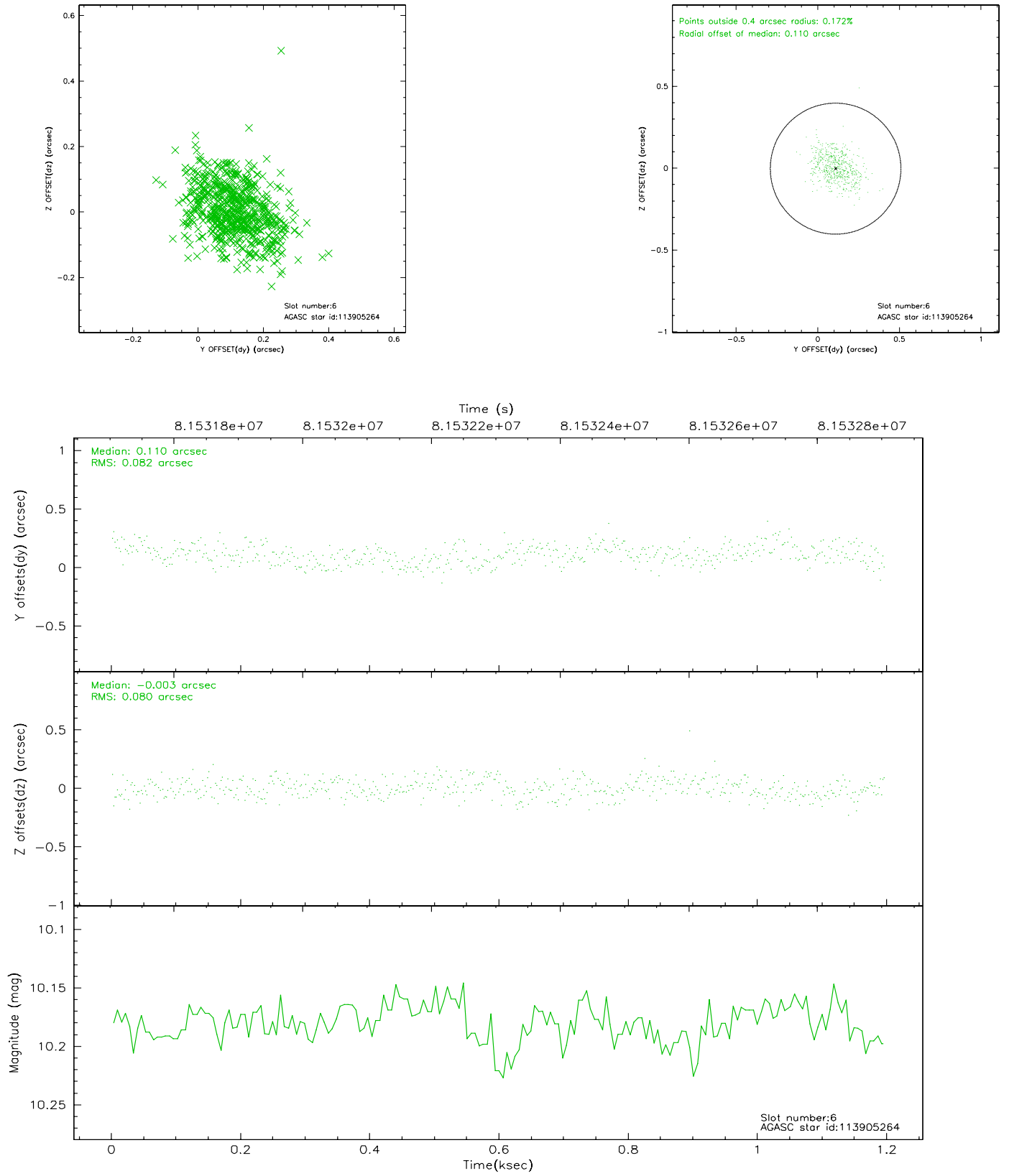
2.4.2 Slot 4



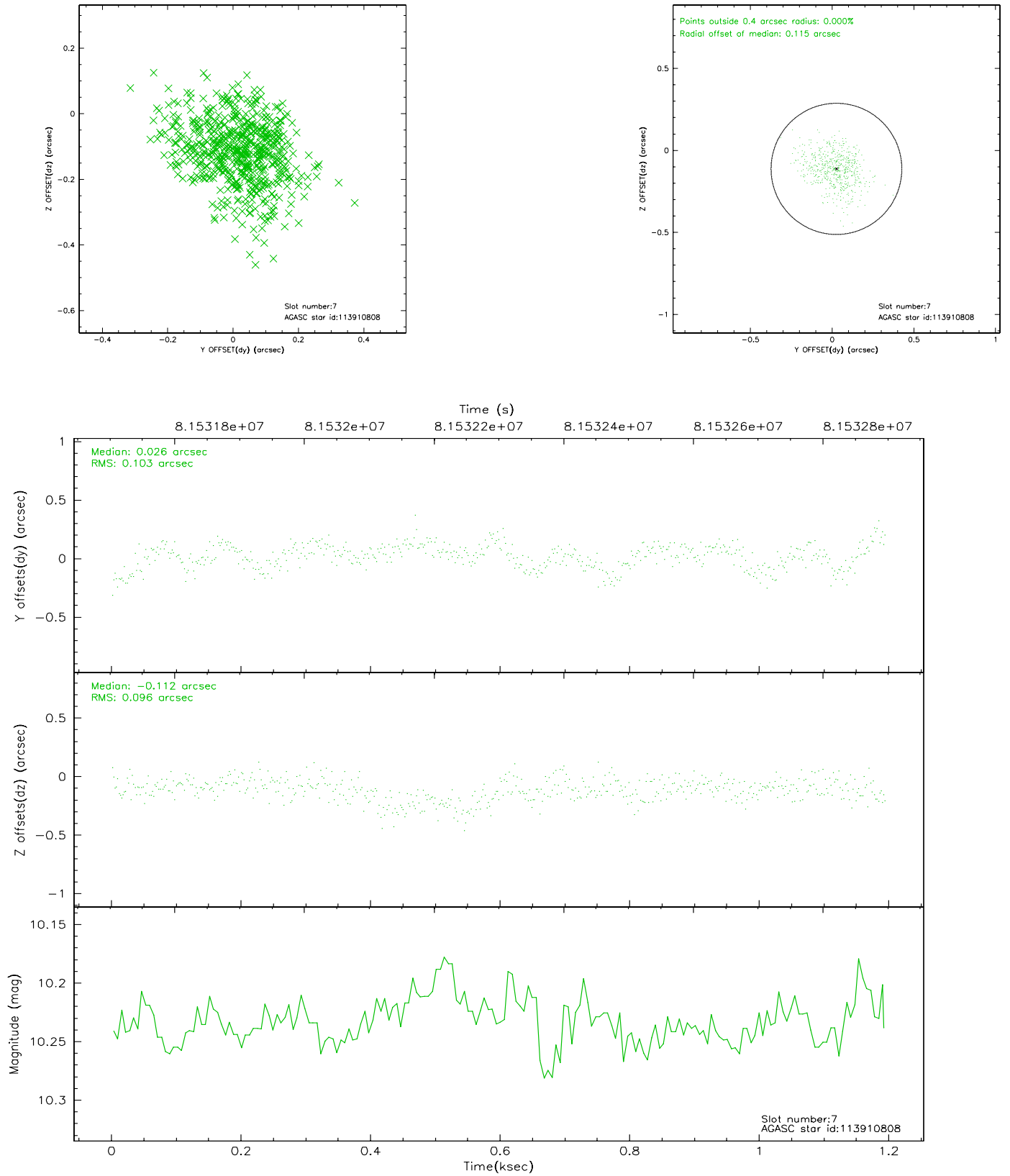
2.4.3 Slot 5



2.4.4 Slot 6

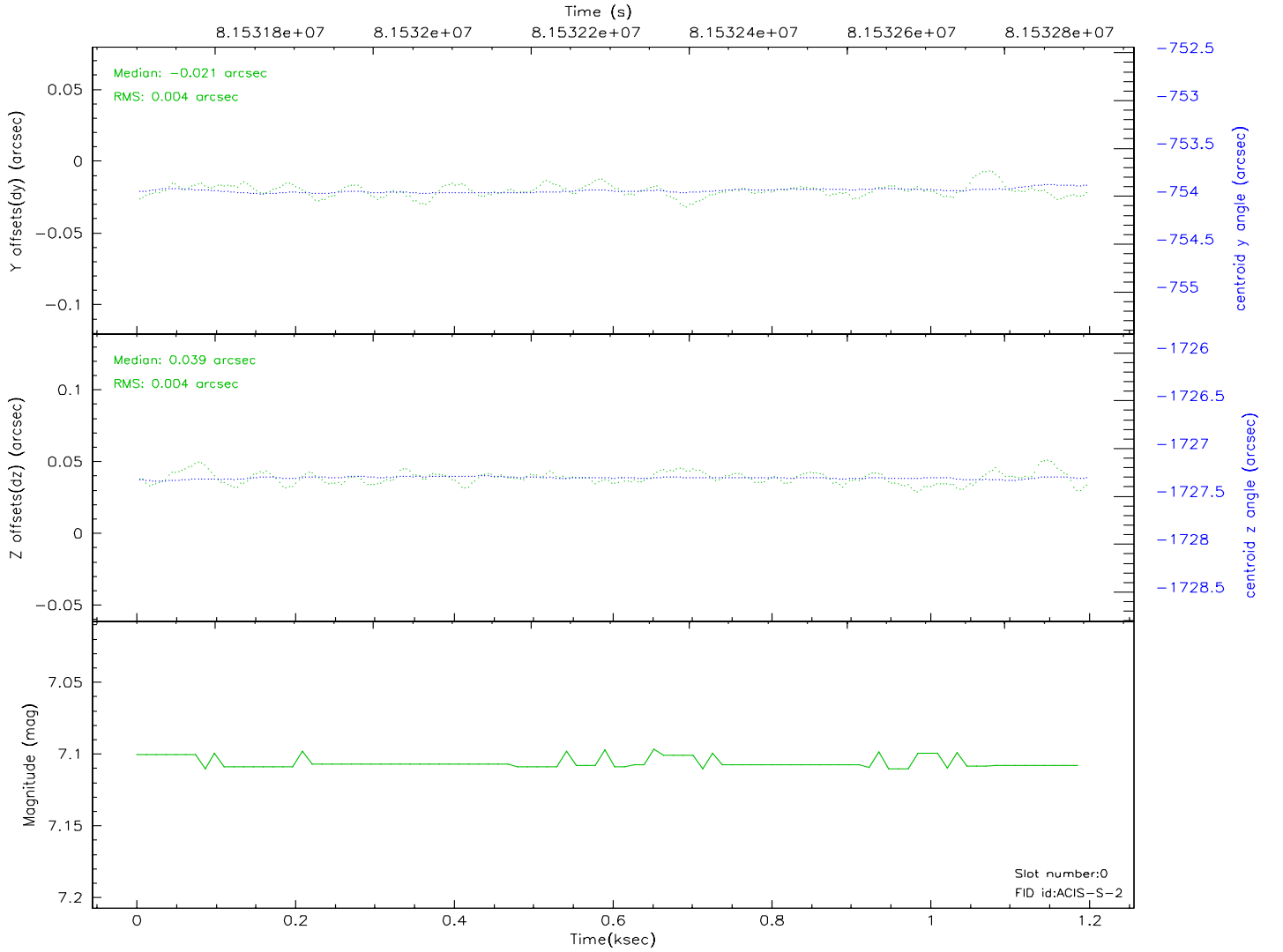
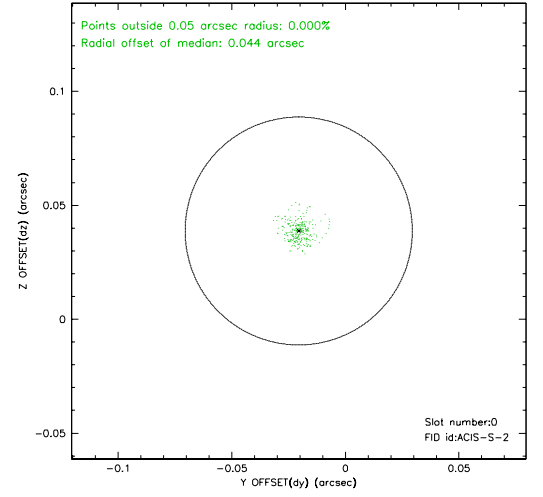
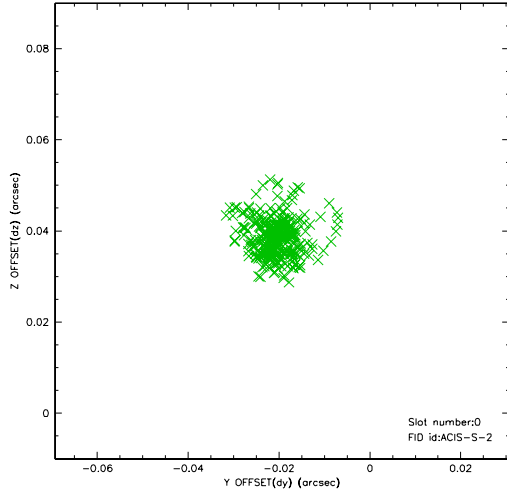


2.4.5 Slot 7

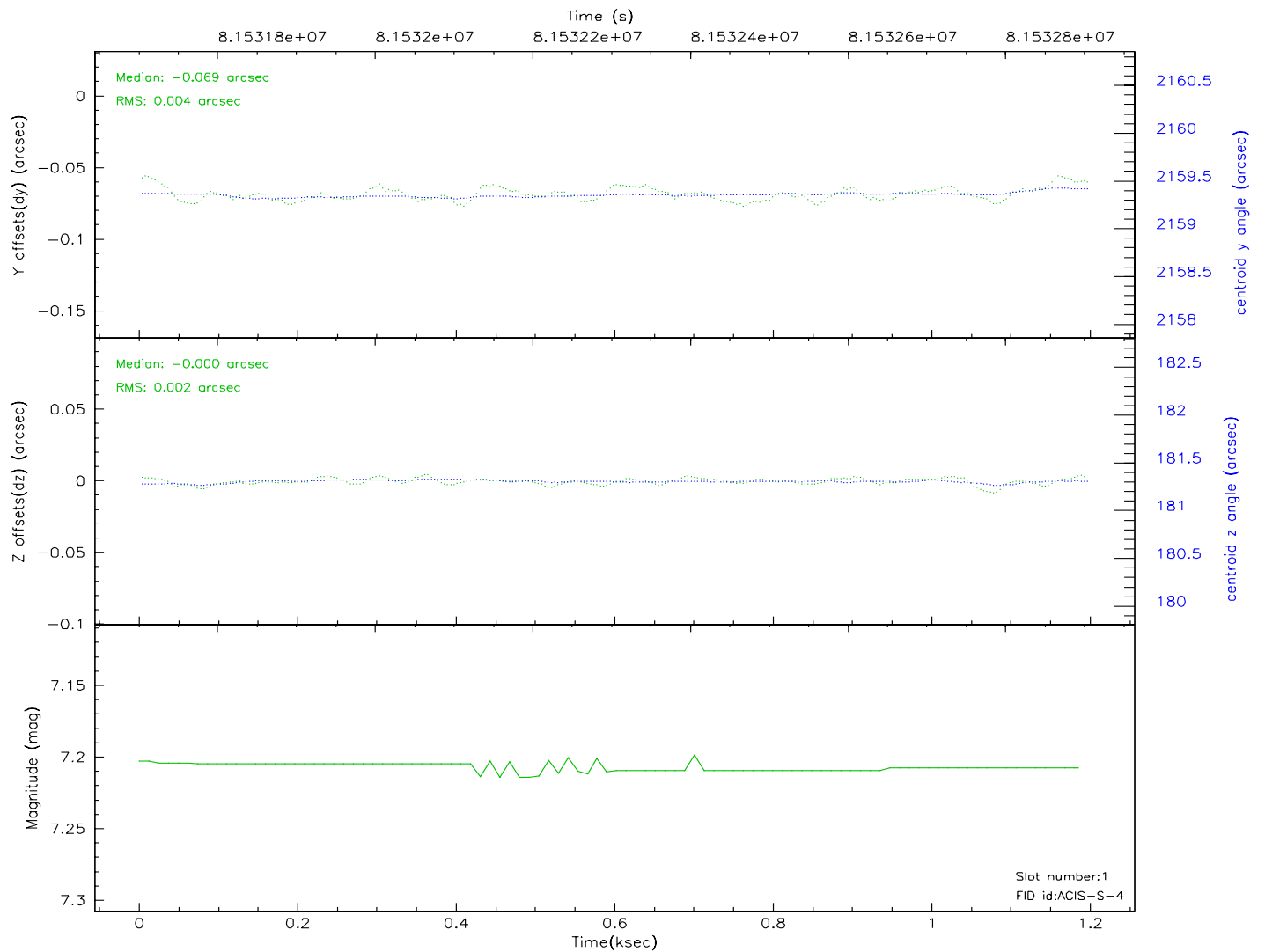
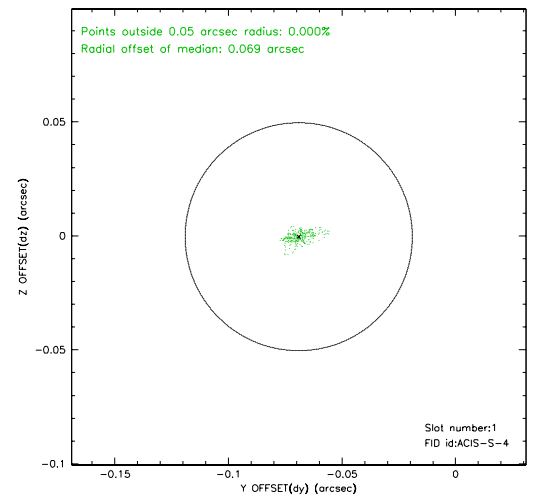
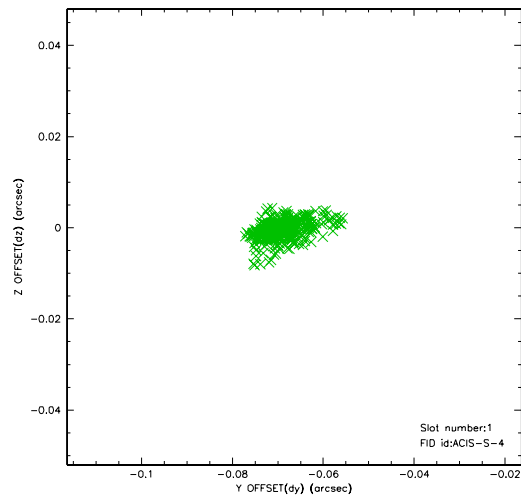


2.5 FID Slots

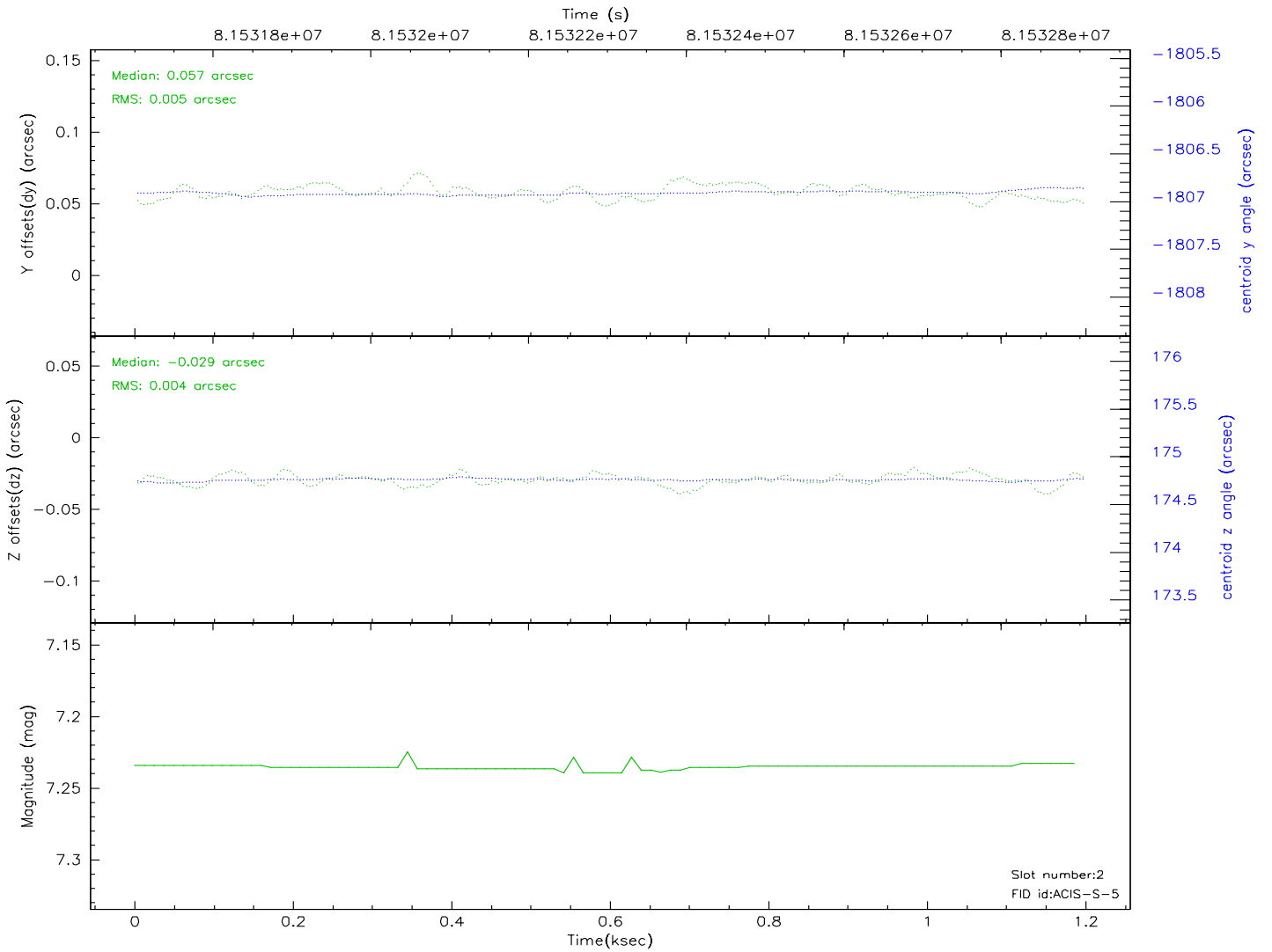
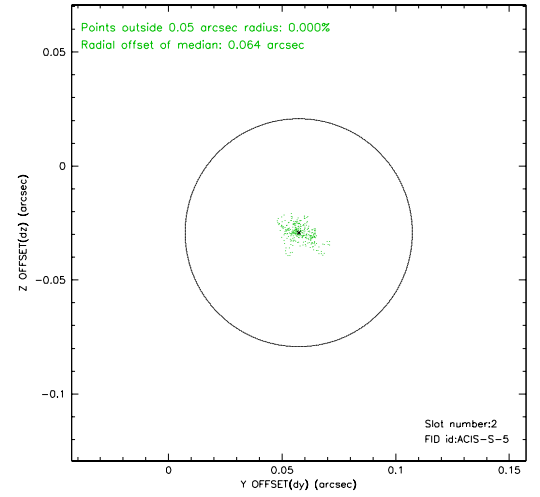
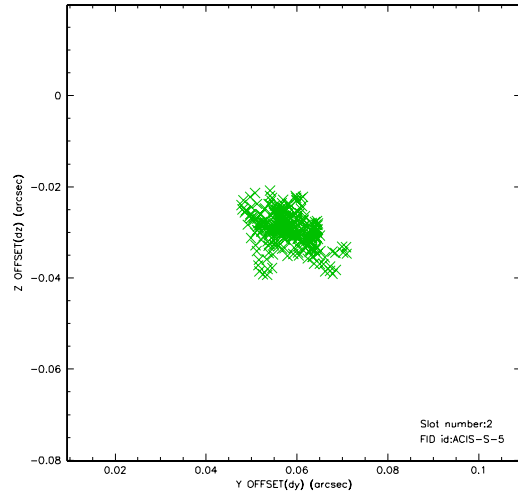
2.5.1 Slot 0



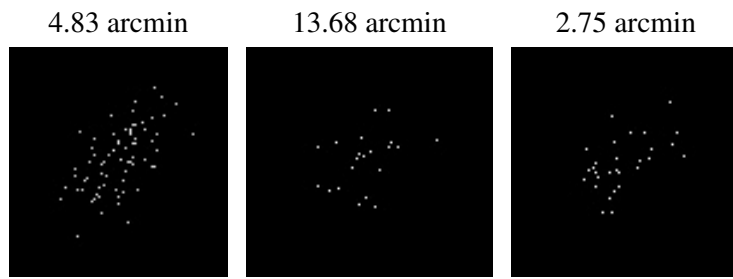
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.06.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.196

A.2 Comments