

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 1763 - L2 Version 001
Chandra X-Ray Center

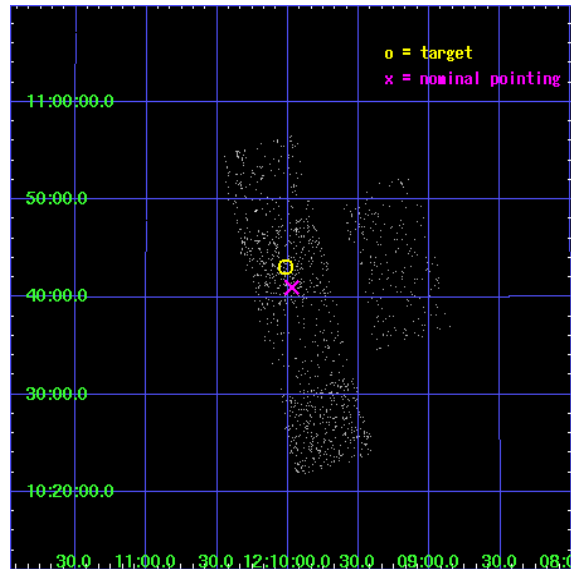
L2 Processing Date : Jun 1 2007

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1 Front

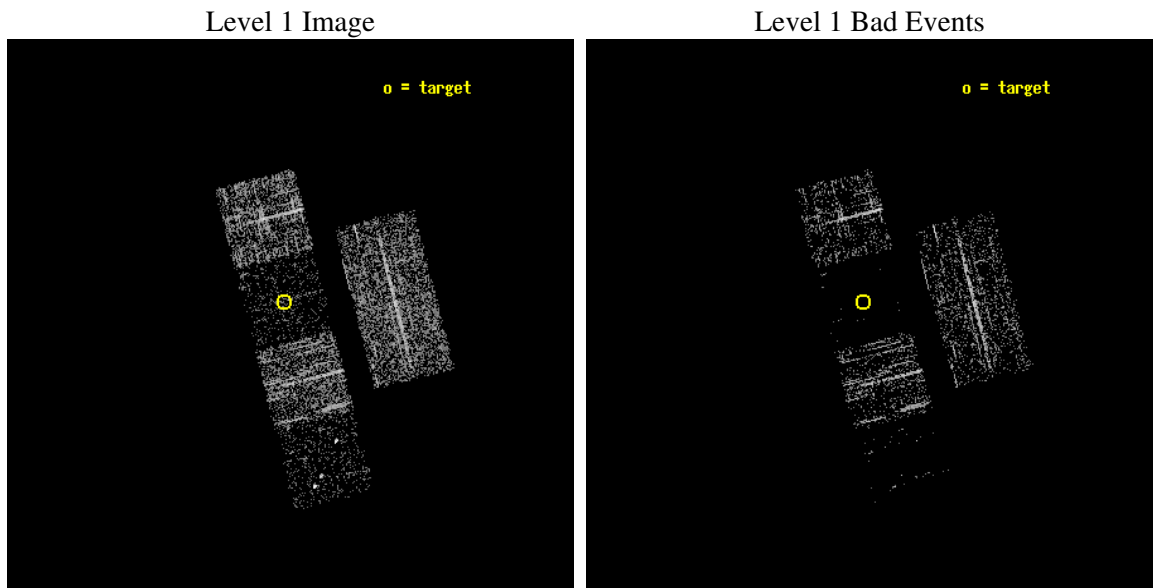
seq_num	100004
obs_id	1763
title	AXAF LOW ENERGY SPECTROSCOPY AND PHOTOMETRIC IMAGING OF COMETARY X-RAY EMISSION FROM COMET P/TEMPEL 2
observer	Dr. Carey Lisse
object	Comet c/LINEAR 1999 S4
dtcycle	0
cycle	P
ra_targ	182.50395
dec_targ	10.71947
ra_nom	182.49301298802
dec_nom	10.683234290299
roll_nom	255.78770557234
revision	3
ontime	1190.4000011086
livetime	1175.3264395218
ontime2	1190.4000011086
ontime3	1190.4000011086
ontime5	1190.4000011086
ontime6	1190.4000011086
ontime7	1190.4000011086
ontime8	1190.4000011086
l2events	1372



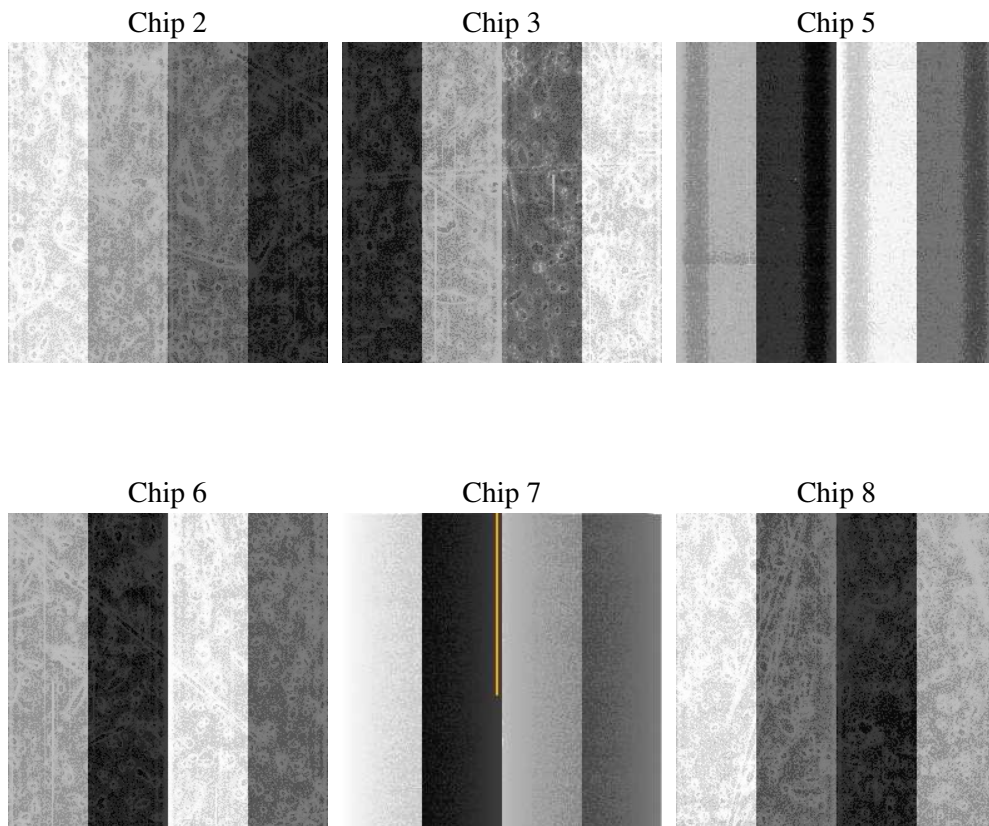
2 OBI

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	2007-06-01T03:51:40
revision	3

sched_exp_time	1000.000000
ontime	1190.4000011086
ontime2	1190.4000011086
ontime3	1190.4000011086
ontime5	1190.4000011086
ontime6	1190.4000011086
ontime7	1190.4000011086
ontime8	1190.4000011086
l1events	24528

2.1.4 Events

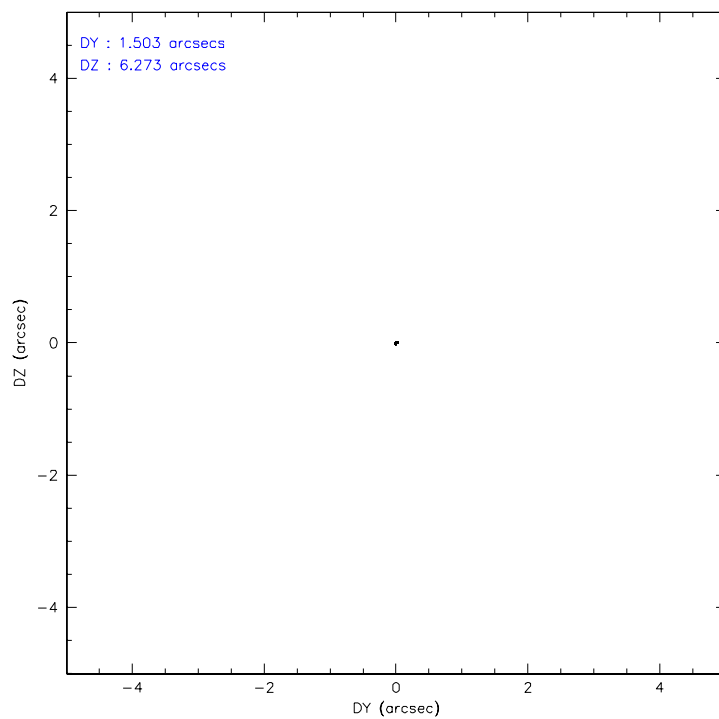
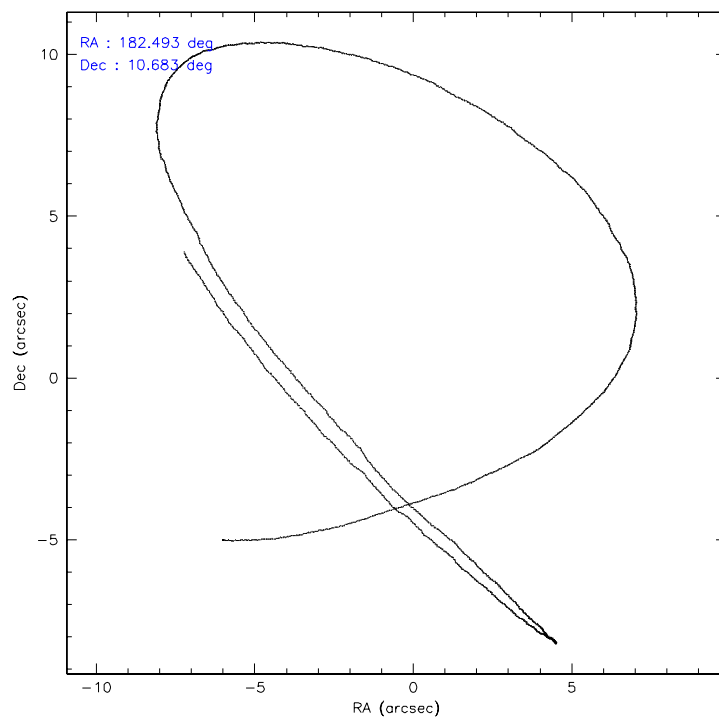
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	5672	5145	1382	5650	788	5891
rejected events	5490	4993	475	5486	278	5028
rejected %	96%	97%	34%	97%	35%	85%

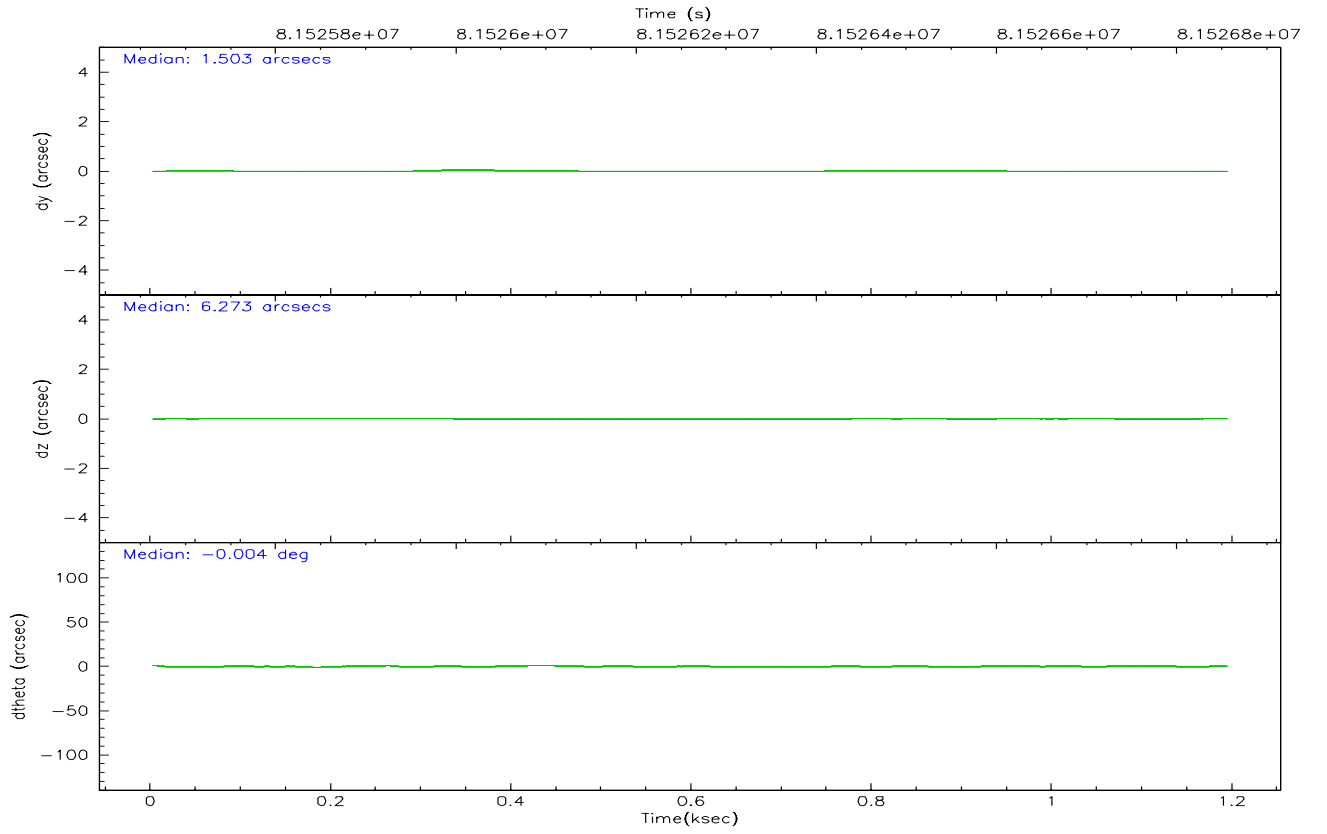
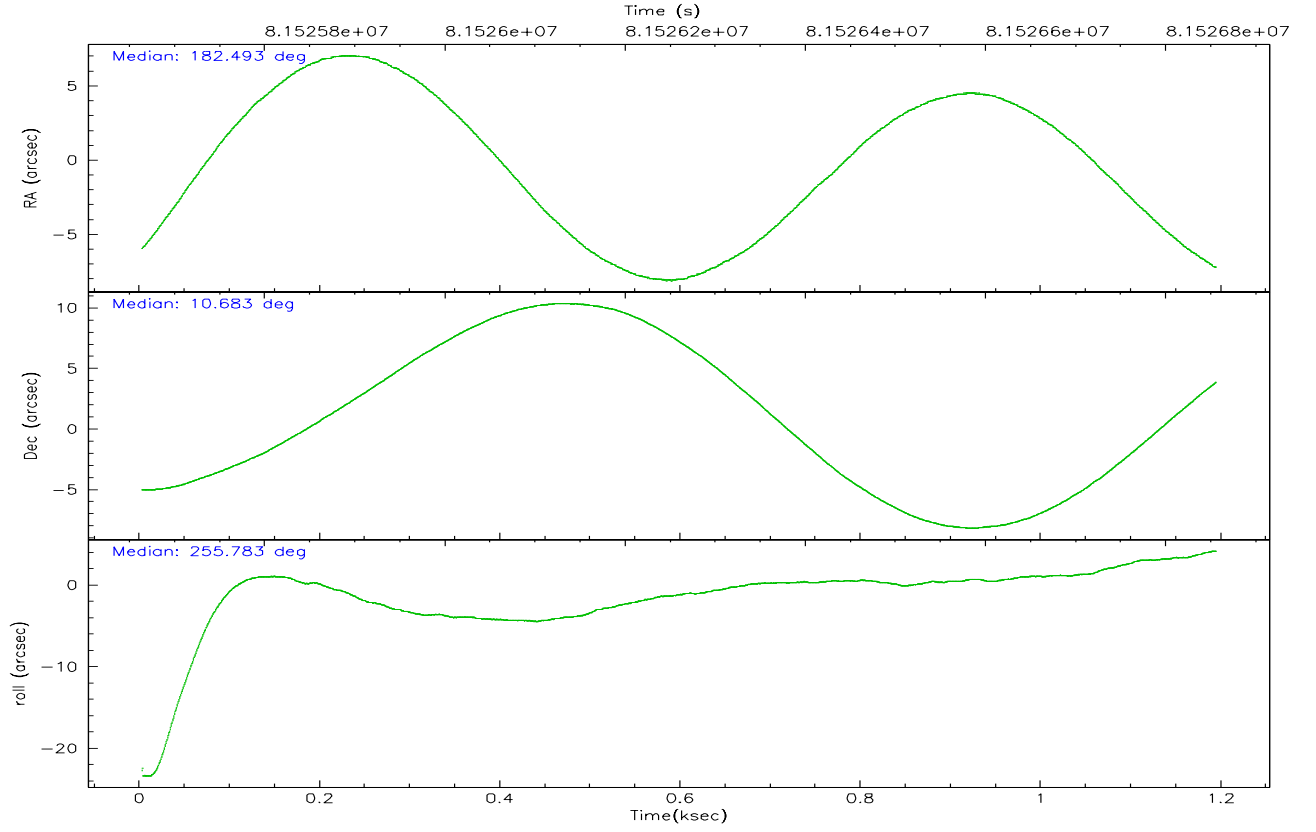
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	91	111	622	100	206	360
	1%	2%	45%	1%	26%	6%
grade 1 events	0	1	13	2	6	4
	0%	0%	0%	0%	0%	0%
grade 2 events	55	17	329	37	223	239
	0%	0%	23%	0%	28%	4%
grade 3 events	37	28	82	28	95	144
	0%	0%	5%	0%	12%	2%
grade 4 events	35	34	73	30	77	122
	0%	0%	5%	0%	9%	2%
grade 5 events	5	5	35	7	15	23
	0%	0%	2%	0%	1%	0%
grade 6 events	17	17	58	14	62	298
	0%	0%	4%	0%	7%	5%
grade 7 events	5432	4932	170	5432	104	4701
	95%	95%	12%	96%	13%	79%

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	182.484961	182.493012988021	Subarray requested	NONE	NONE
Pointing Dec	10.709796	10.68323429029942	Alternating exposures requested	N	N
Pointing Roll	255.632692	255.7877055723359	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	81525860.184000	81525484.15327799			
Observation start date	2000-08-01T14:03:16	2000-08-01T13:58:04			
Observation end time	81526860.184000	81526994.490834			
Observation end date	2000-08-01T14:19:56	2000-08-01T14:23:14			
Read mode	TIMED	TIMED			

2.3 Aspect



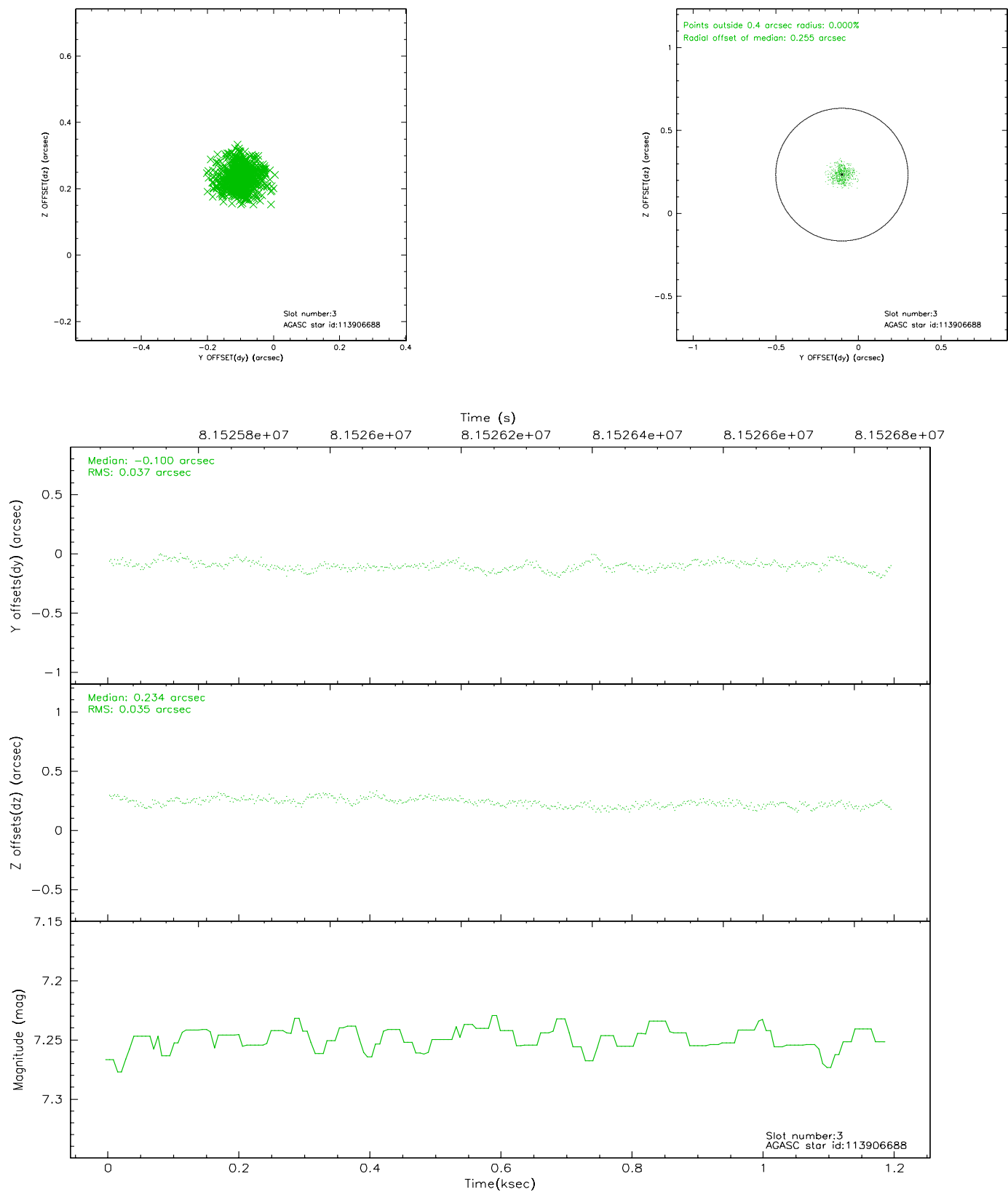


Slot Statistics

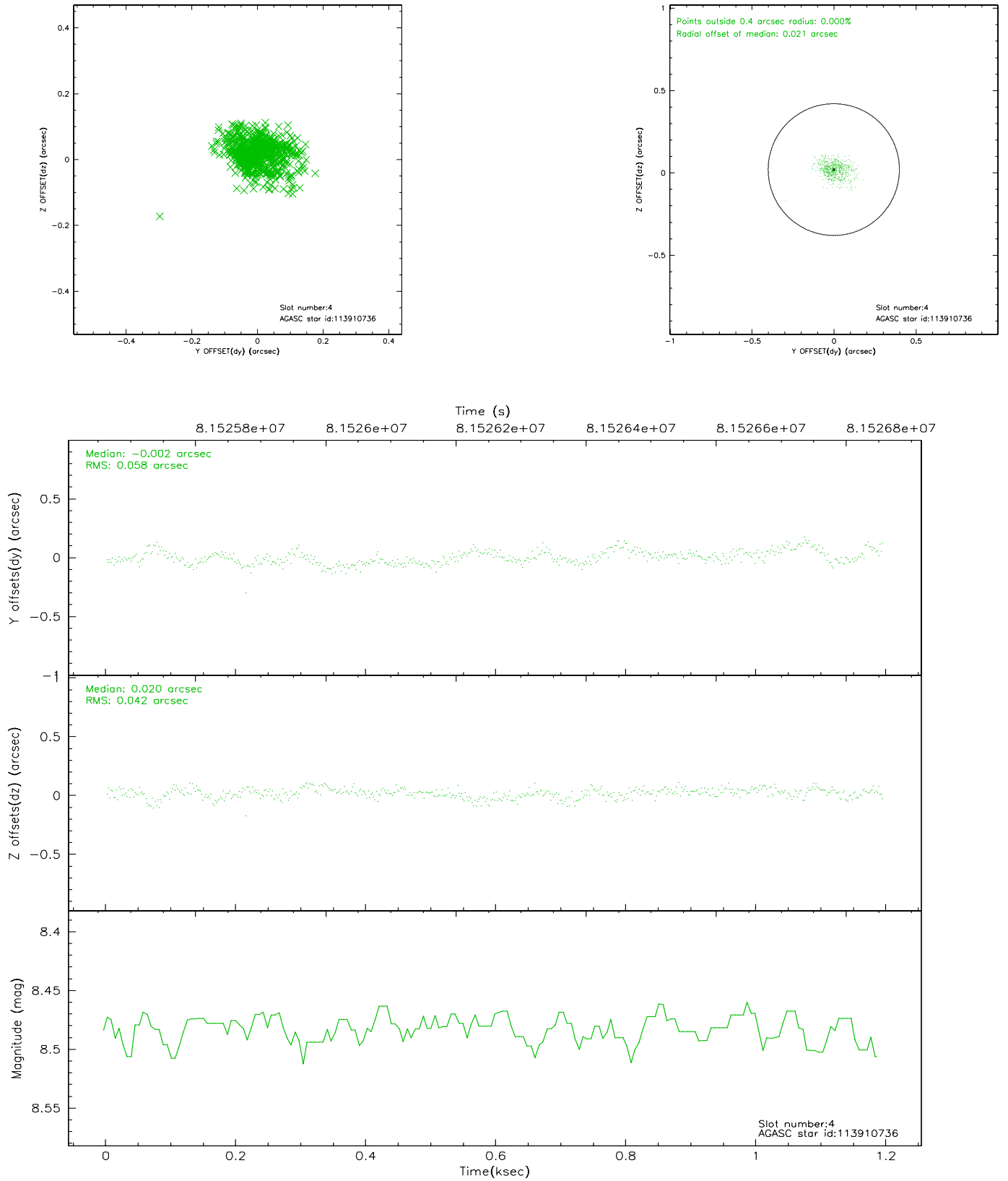
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	291	-0.021	0.036	0.006	0.011	0.000000	0.000000	-754.12	-1727.33
1	FID	ACIS-S-4	7.21	291	-0.069	0.001	0.005	0.009	0.000000	0.000000	2156.58	175.35
2	FID	ACIS-S-5	7.23	291	0.060	-0.028	0.007	0.012	0.000000	0.000000	-1799.68	175.34
3	GUIDE	113906688	7.25	583	-0.100	0.234	0.055	0.085	183.194115	11.111362	-2024.98	2065.77
4	GUIDE	113910736	8.48	583	-0.002	0.020	0.071	0.127	181.816666	10.531380	1203.71	-2130.65
5	GUIDE	113908584	8.62	582	-0.358	-0.350	0.149	0.222	182.320674	11.291738	-1883.64	-1087.63
6	GUIDE	113909952	9.87	583	0.212	0.229	0.103	0.166	182.703120	10.082649	1992.10	1306.15
7	GUIDE	113905264	10.19	581	0.248	-0.127	0.117	0.181	182.445692	10.343633	1315.34	192.91

2.4 Star Slots

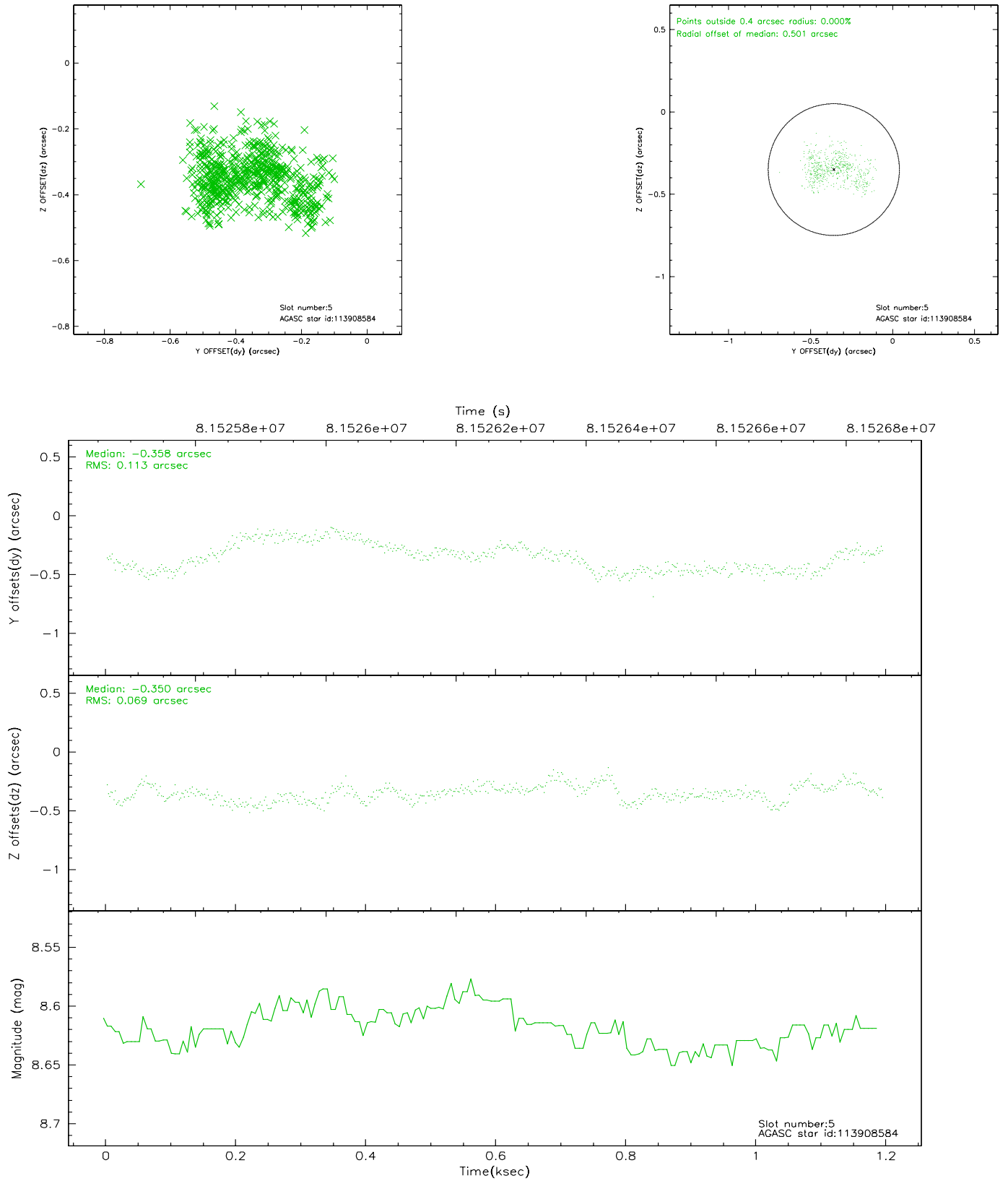
2.4.1 Slot 3



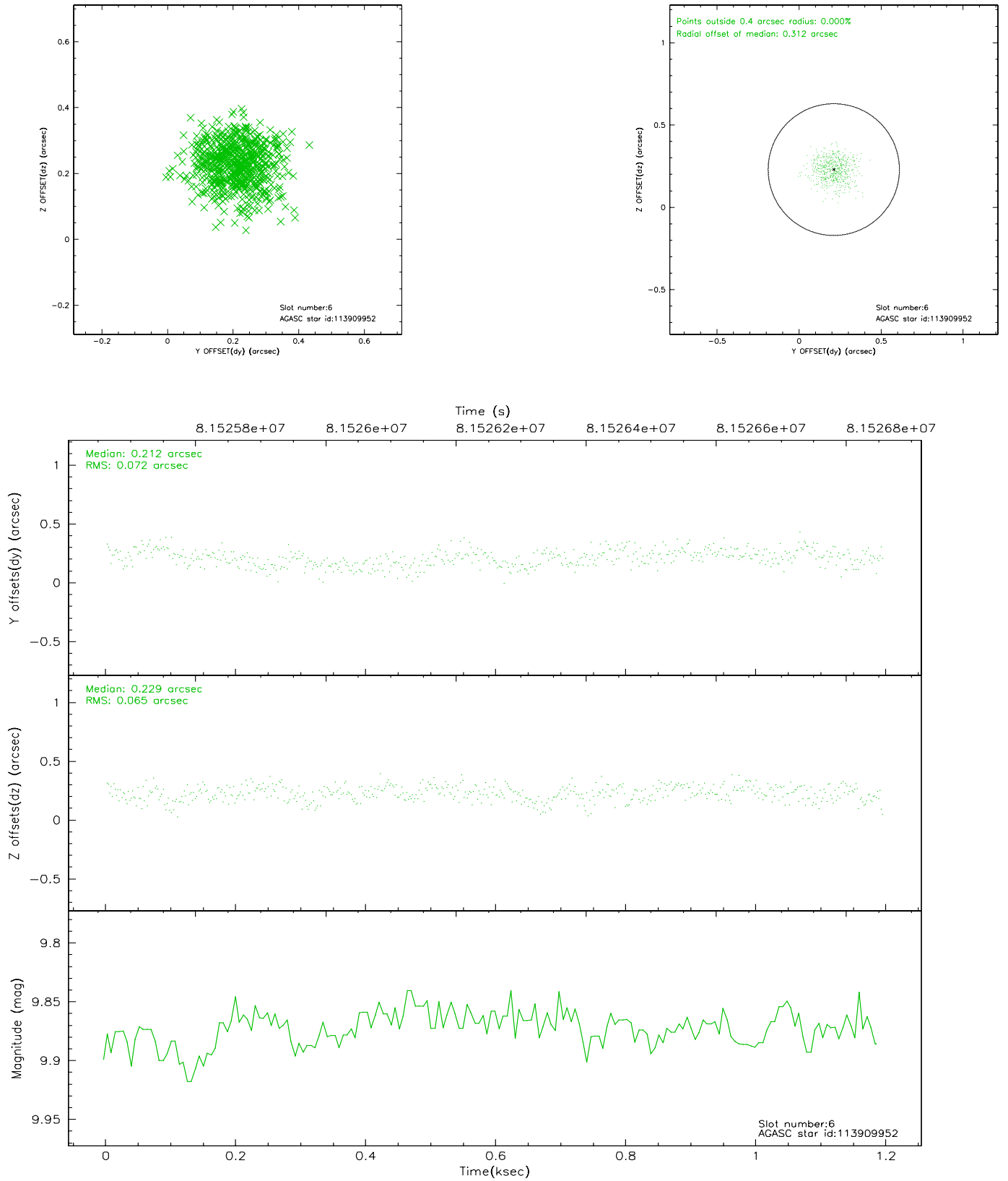
2.4.2 Slot 4



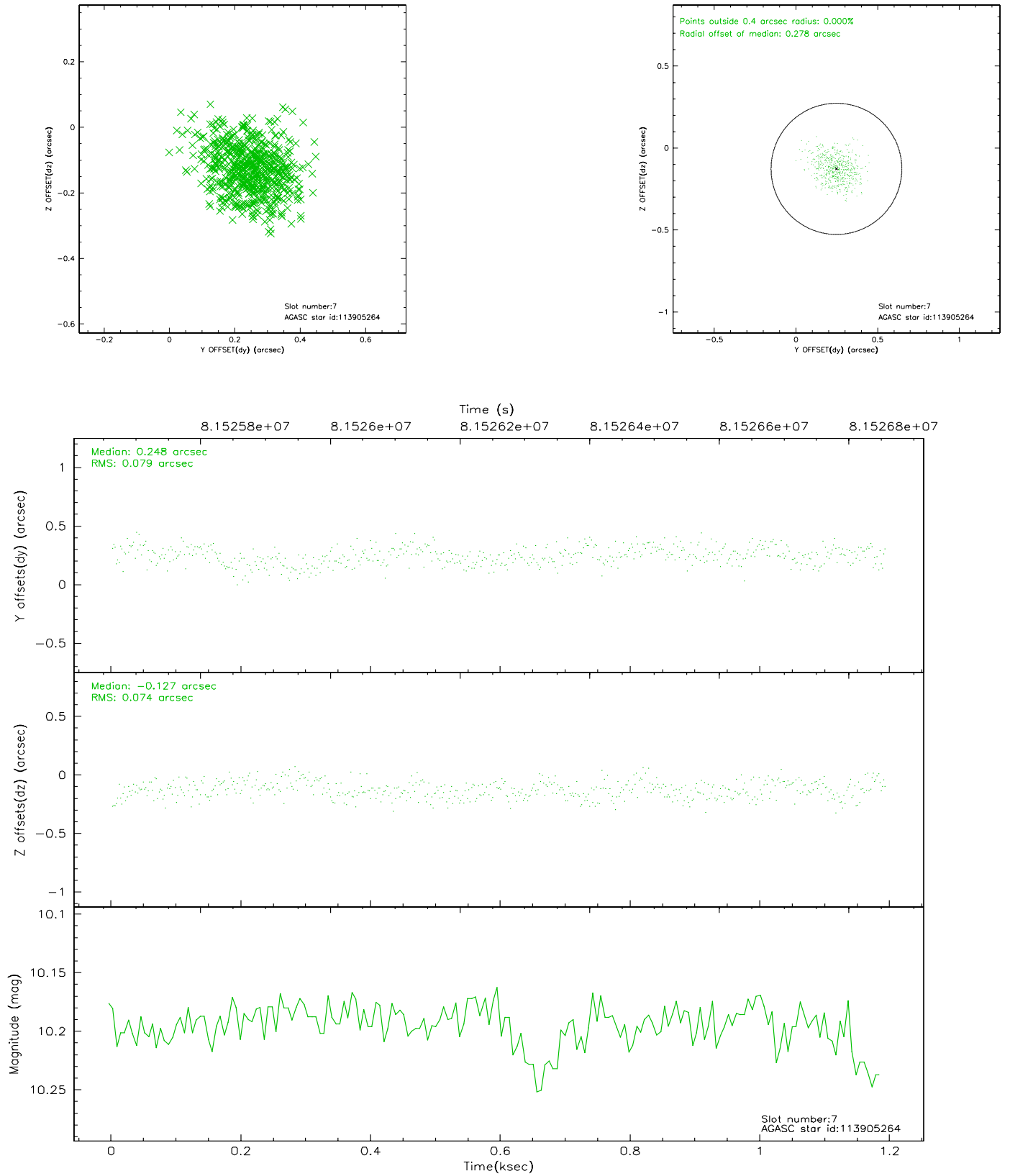
2.4.3 Slot 5



2.4.4 Slot 6

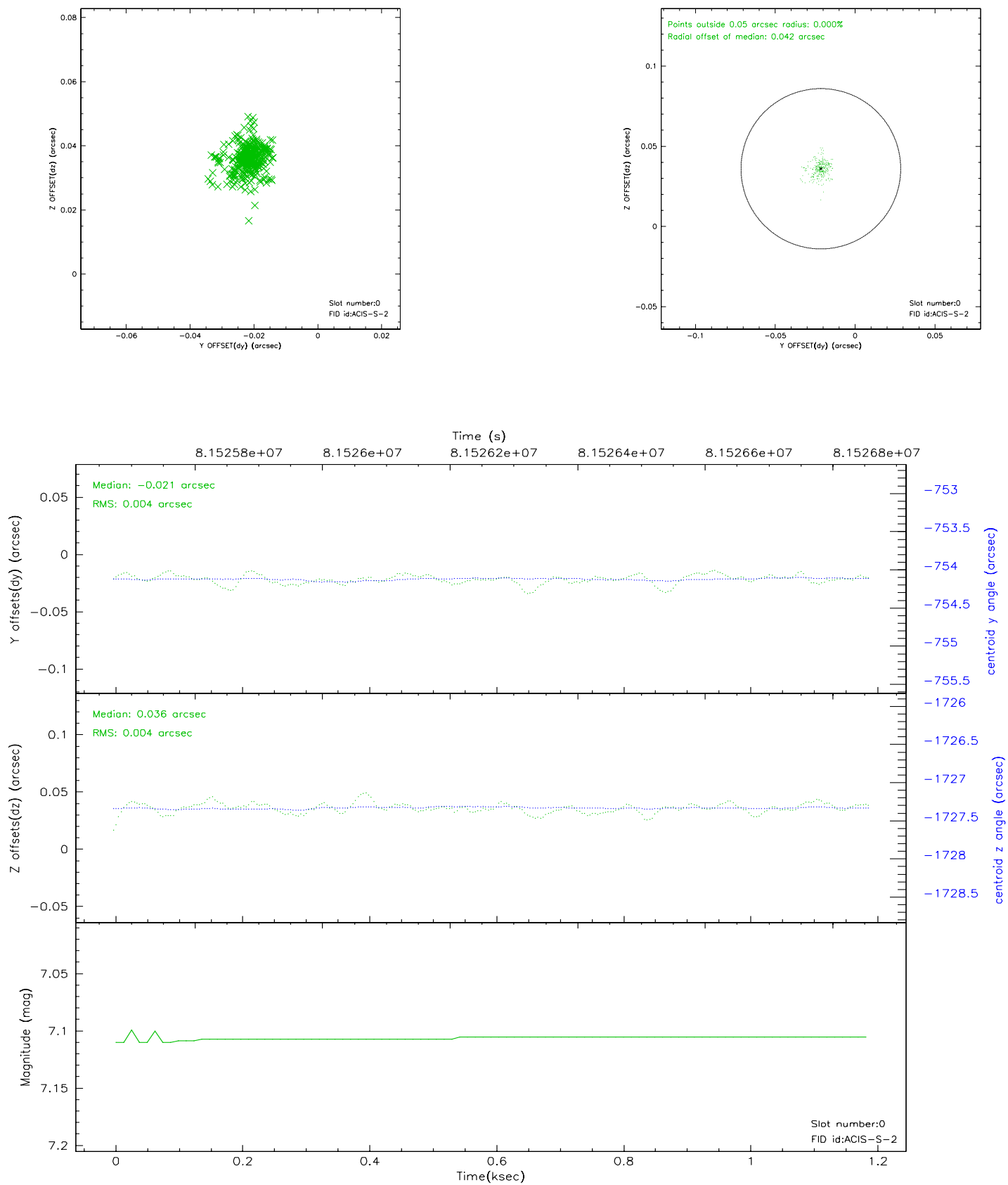


2.4.5 Slot 7

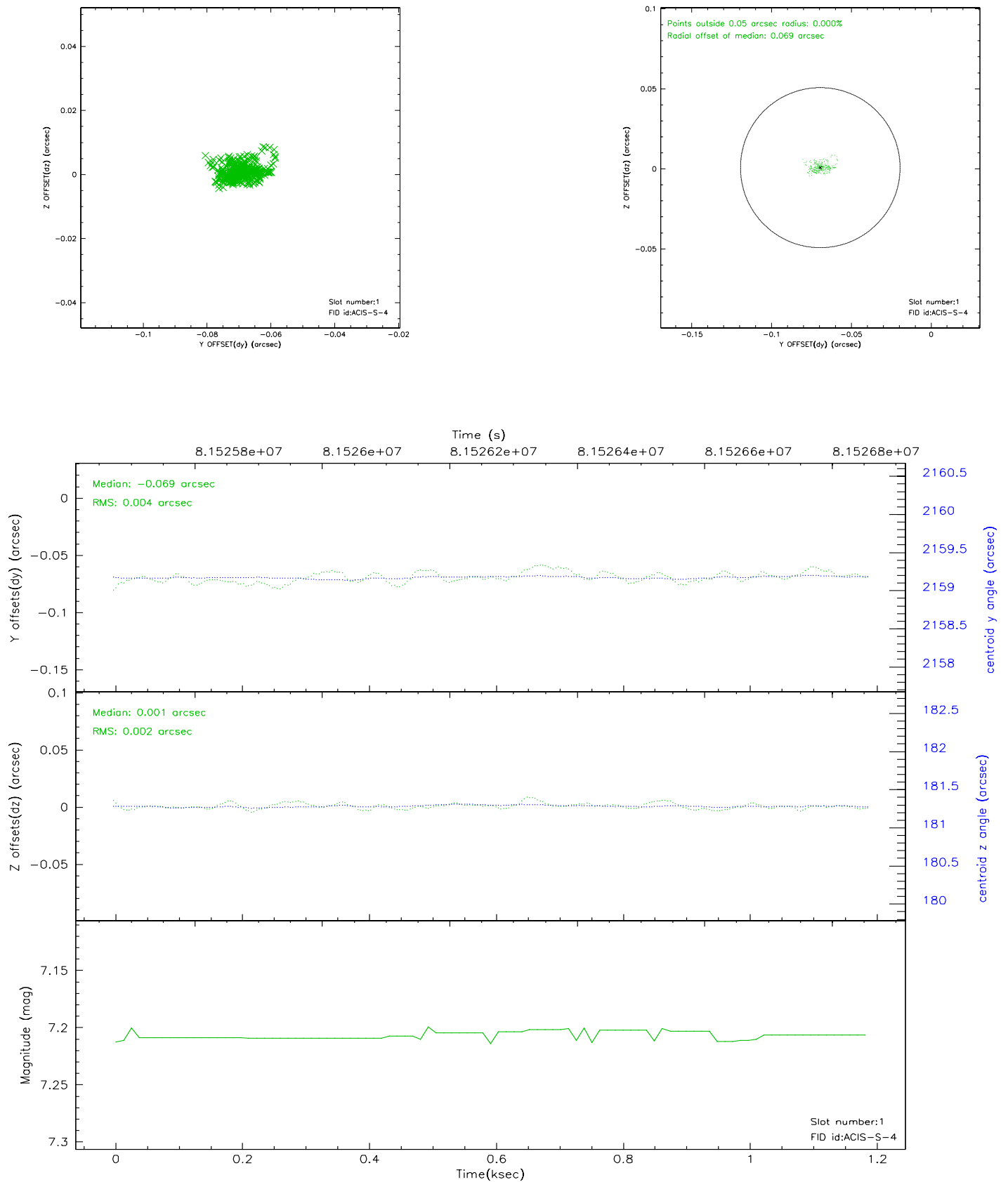


2.5 FID Slots

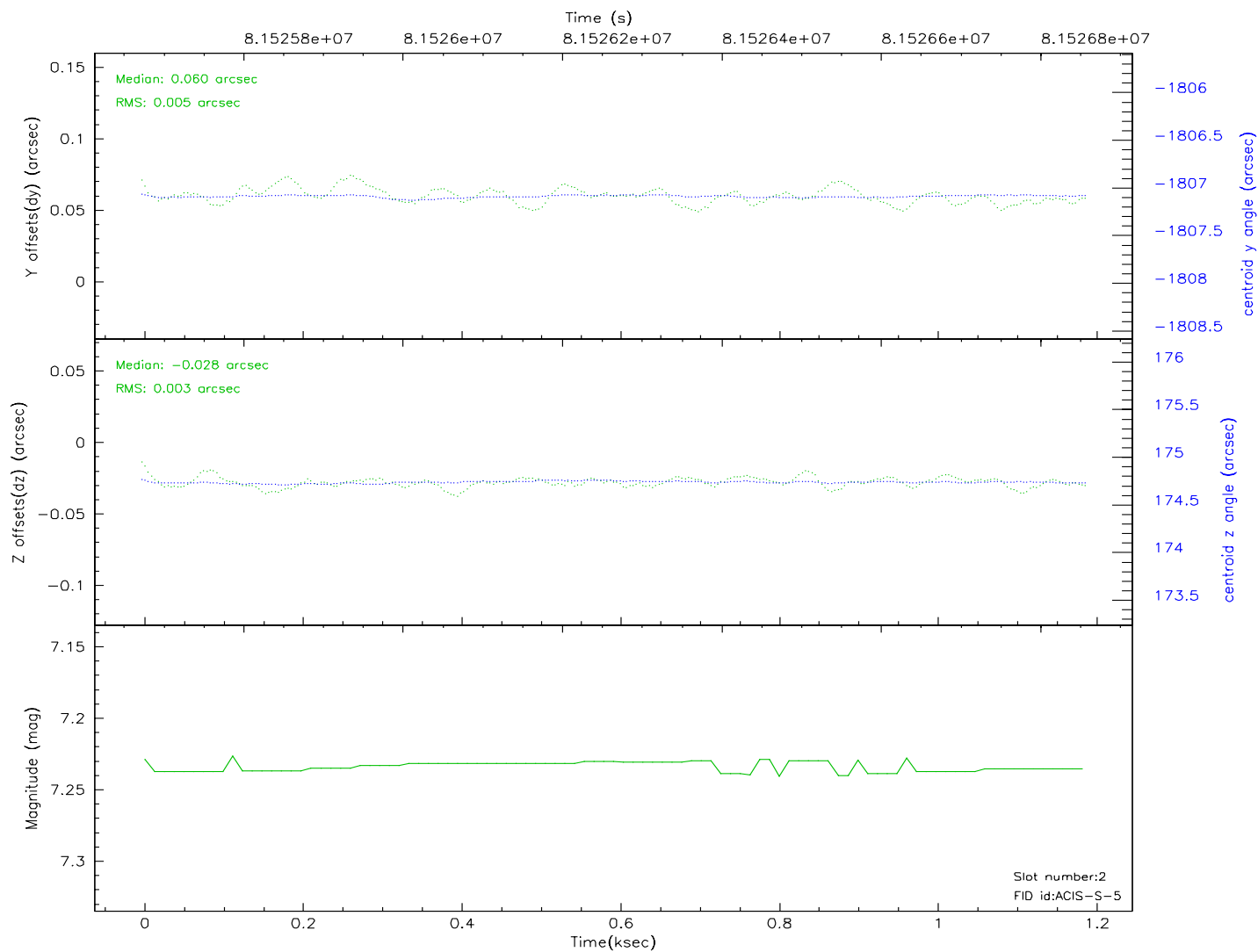
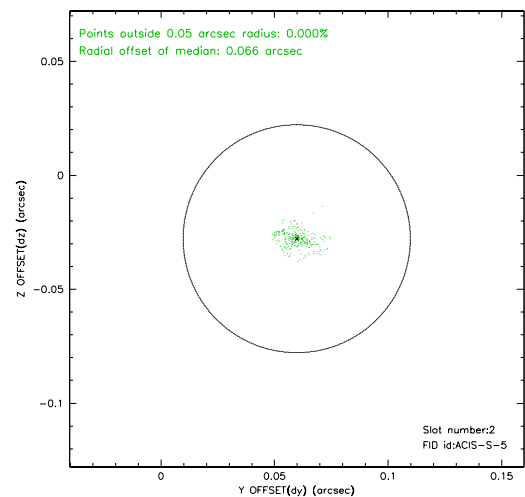
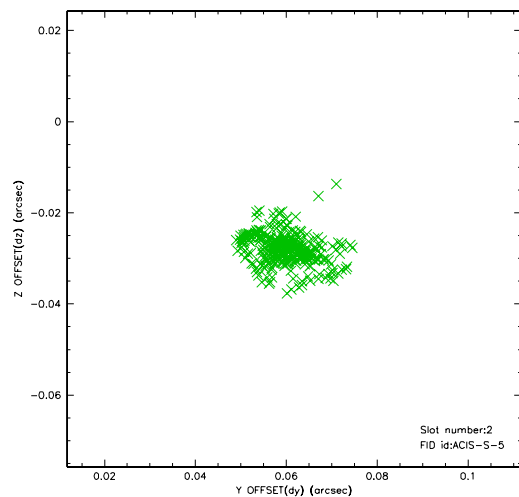
2.5.1 Slot 0



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	1.19

A.2 Comments