

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 1830 - L2 Version 001
Chandra X-Ray Center

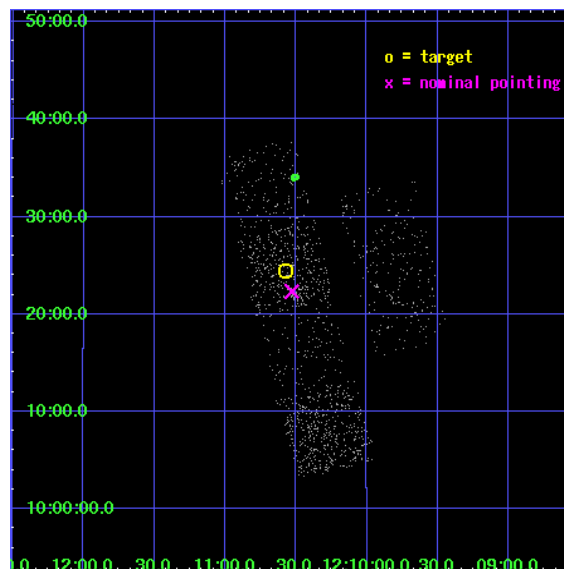
L2 Processing Date : Jun 1 2007

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1 Front

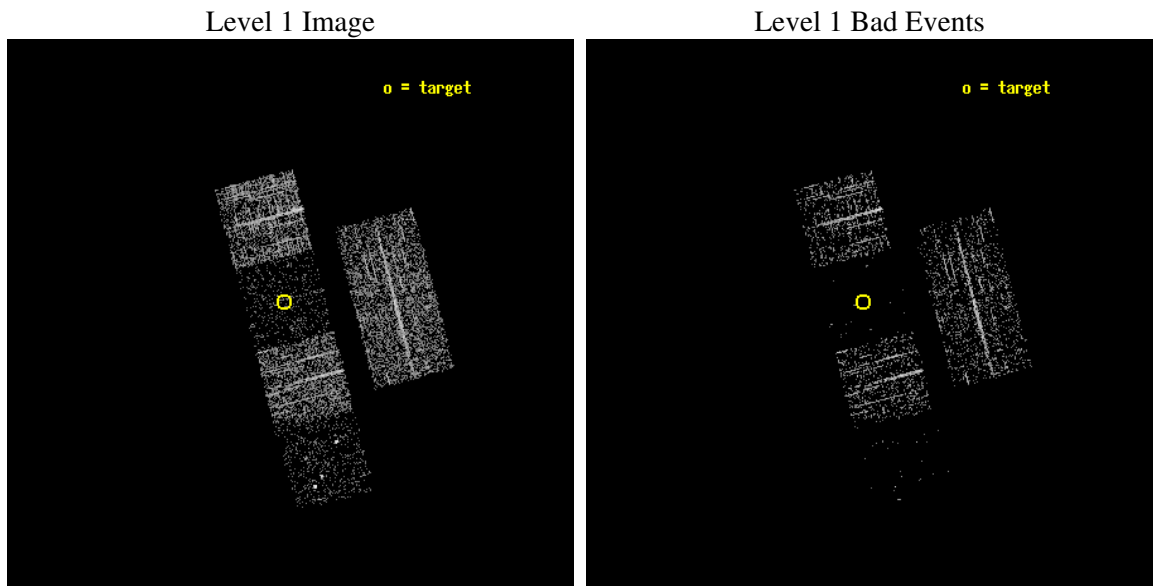
seq_num	100018
obs_id	1830
title	AXAF LOW ENERGY SPECTROSCOPY AND PHOTOMETRIC IMAGING OF COMETARY X-RAY EMISSION FROM COMET P/TEMPEL 2
observer	Dr. Carey Lisse
object	Comet c/LINEAR 1999 S4
dtcycle	0
cycle	P
ra_targ	182.64325
dec_targ	10.40847
ra_nom	182.63221470677
dec_nom	10.372478063769
roll_nom	255.56511812067
revision	3
ontime	1200.0000011176
livetime	1184.8048785502
ontime2	1200.0000011176
ontime3	1200.0000011176
ontime5	1200.0000011176
ontime6	1200.0000011176
ontime7	1200.0000011176
ontime8	1200.0000011176
l2events	1384



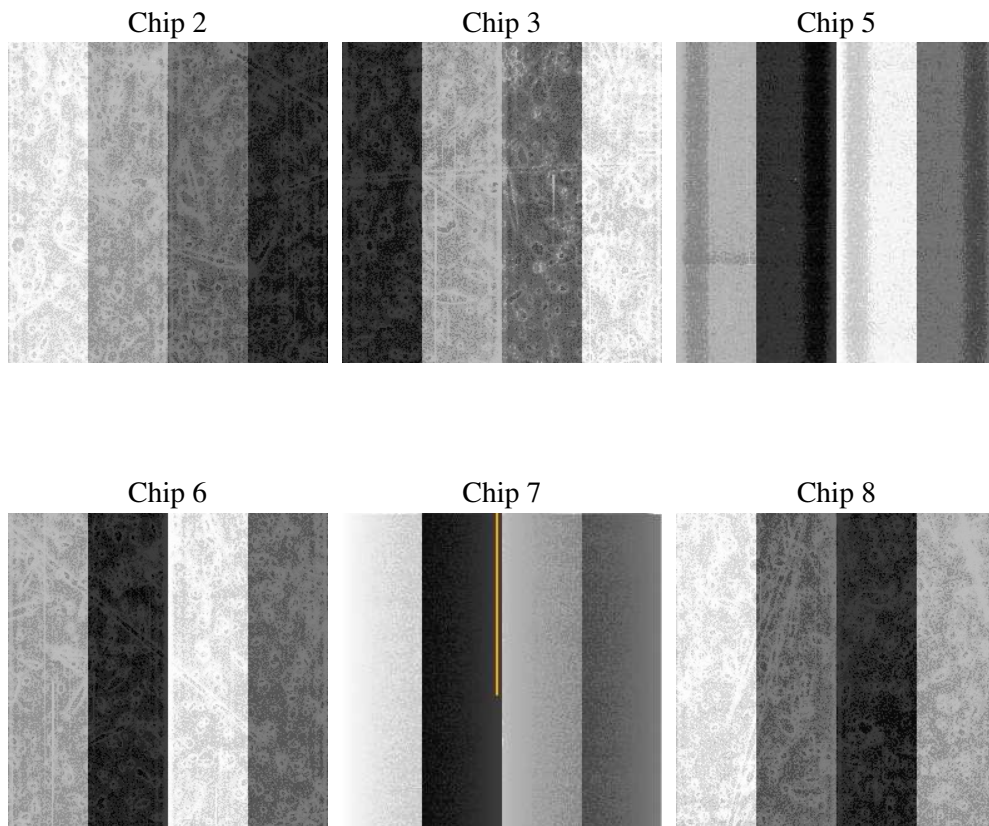
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldsver	3.4.0
date	2007-06-01T04:44:56
revision	3

sched_exp_time	1270.000000
ontime	1200.0000011176
ontime2	1200.0000011176
ontime3	1200.0000011176
ontime5	1200.0000011176
ontime6	1200.0000011176
ontime7	1200.0000011176
ontime8	1200.0000011176
l1events	24560

2.1.4 Events

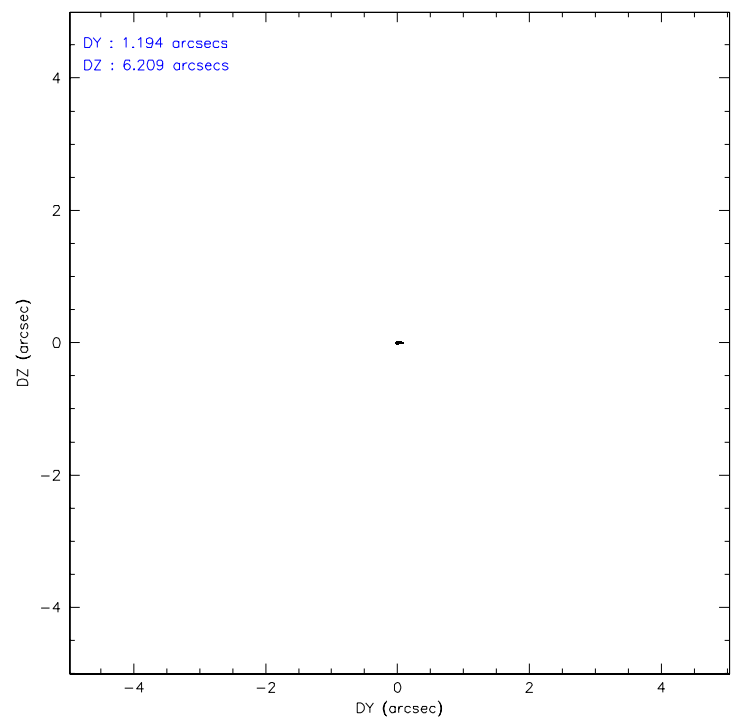
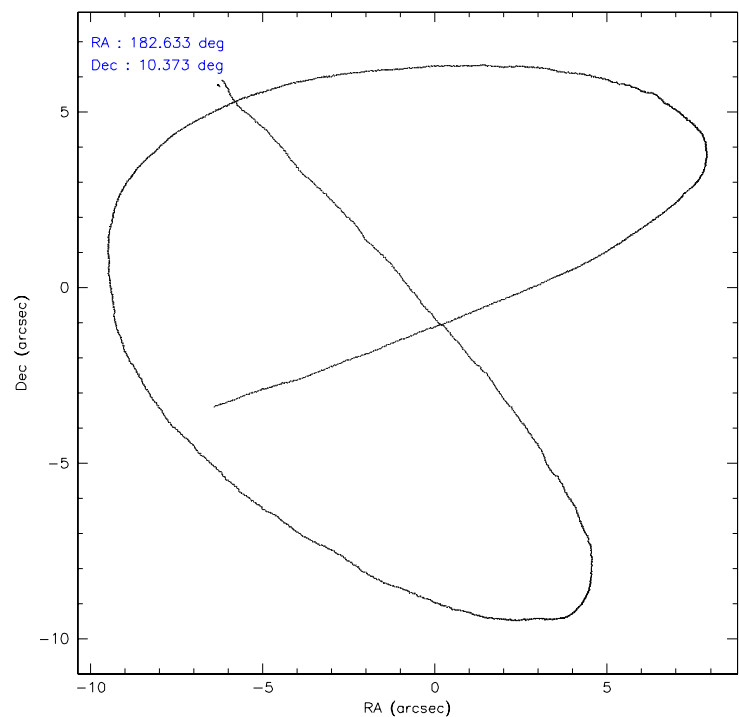
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	5431	4987	1307	5203	726	6906
rejected events	5230	4828	444	5040	248	5921
rejected %	96%	96%	33%	96%	34%	85%

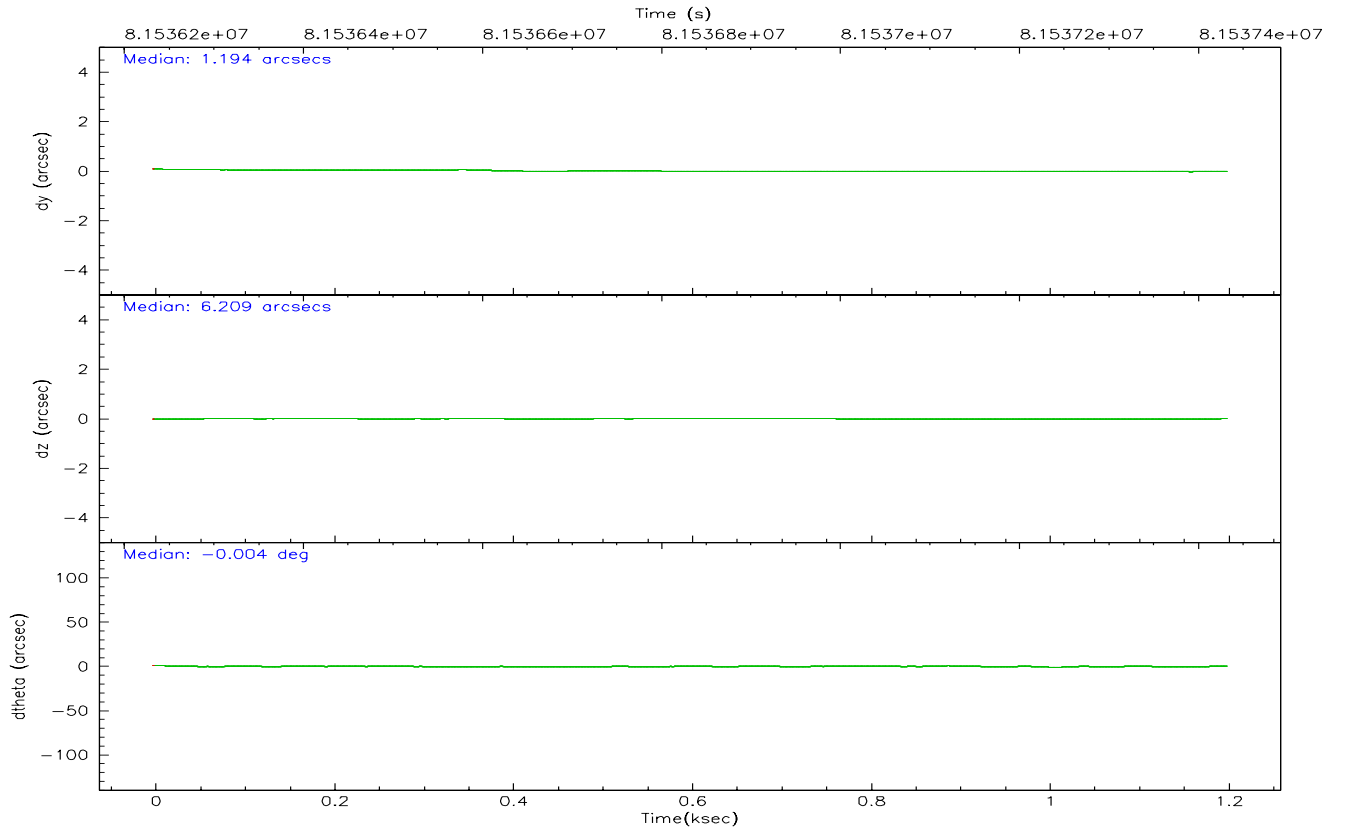
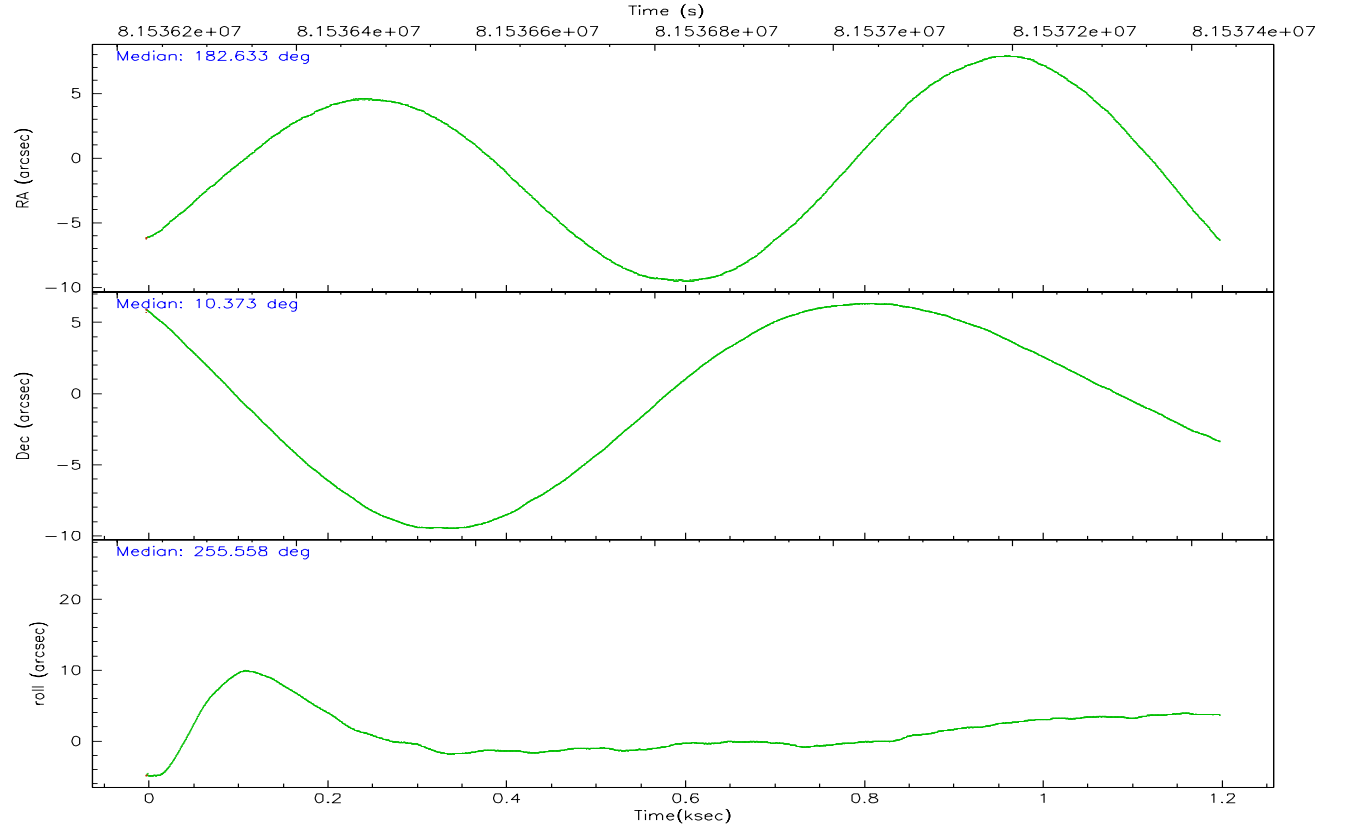
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	116	97	559	104	220	413
	2%	1%	42%	1%	30%	5%
grade 1 events	4	2	7	1	3	7
	0%	0%	0%	0%	0%	0%
grade 2 events	56	22	340	33	164	247
	1%	0%	26%	0%	22%	3%
grade 3 events	30	28	76	34	86	136
	0%	0%	5%	0%	11%	1%
grade 4 events	41	29	83	30	82	146
	0%	0%	6%	0%	11%	2%
grade 5 events	2	3	35	3	20	39
	0%	0%	2%	0%	2%	0%
grade 6 events	27	22	57	24	57	296
	0%	0%	4%	0%	7%	4%
grade 7 events	5155	4784	150	4974	94	5622
	94%	95%	11%	95%	12%	81%

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	182.624244	182.6322147067749	Subarray requested	NONE	NONE
Pointing Dec	10.398866	10.37247806376866	Alternating exposures requested	N	N
Pointing Roll	255.409969	255.5651181206745	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	81536160.184000	81536054.466171			
Observation start date	2000-08-01T16:54:56	2000-08-01T16:54:14			
Observation end time	81537430.184000	81537564.803727			
Observation end date	2000-08-01T17:16:06	2000-08-01T17:19:24			
Read mode	TIMED	TIMED			

2.3 Aspect



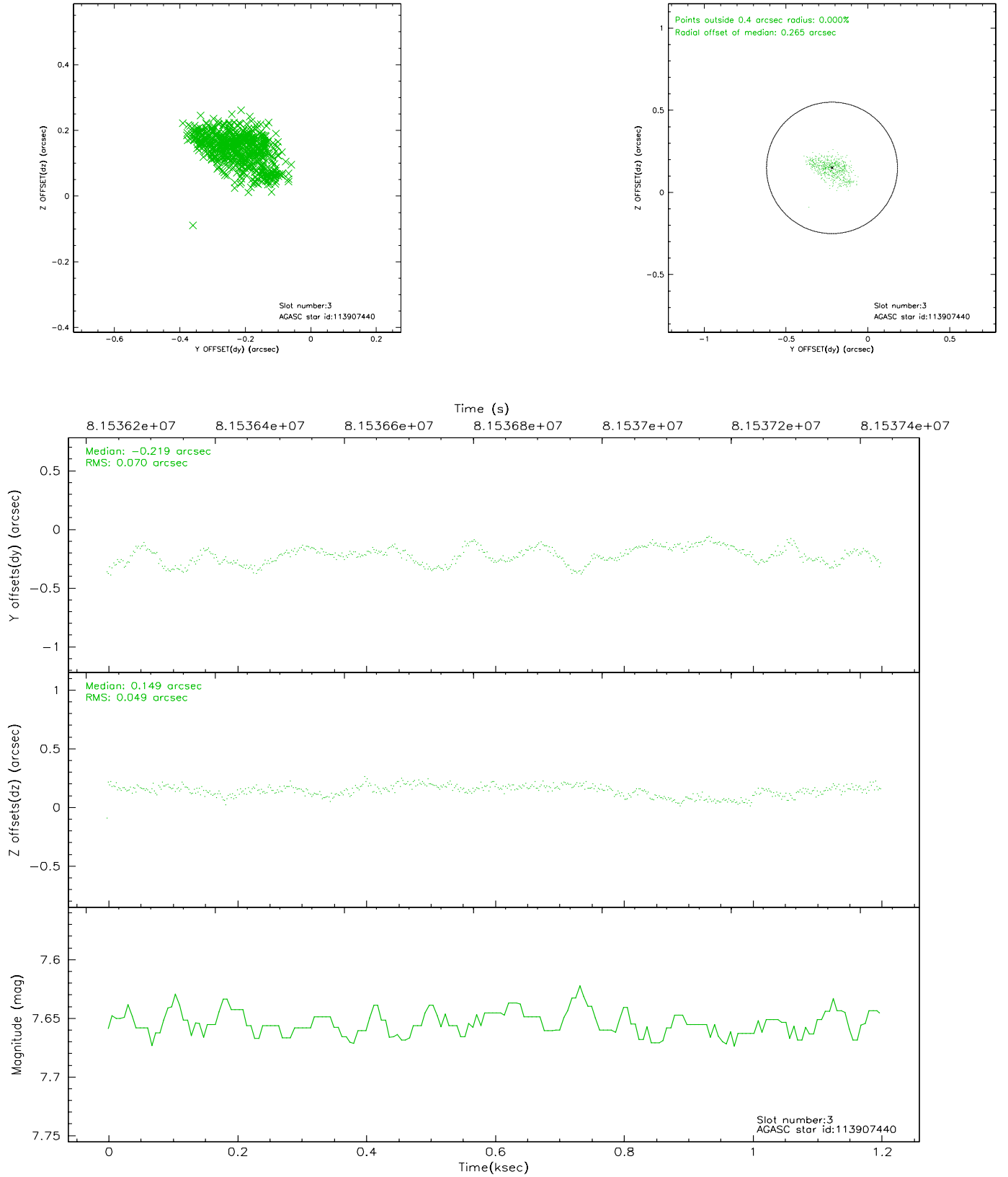


Slot Statistics

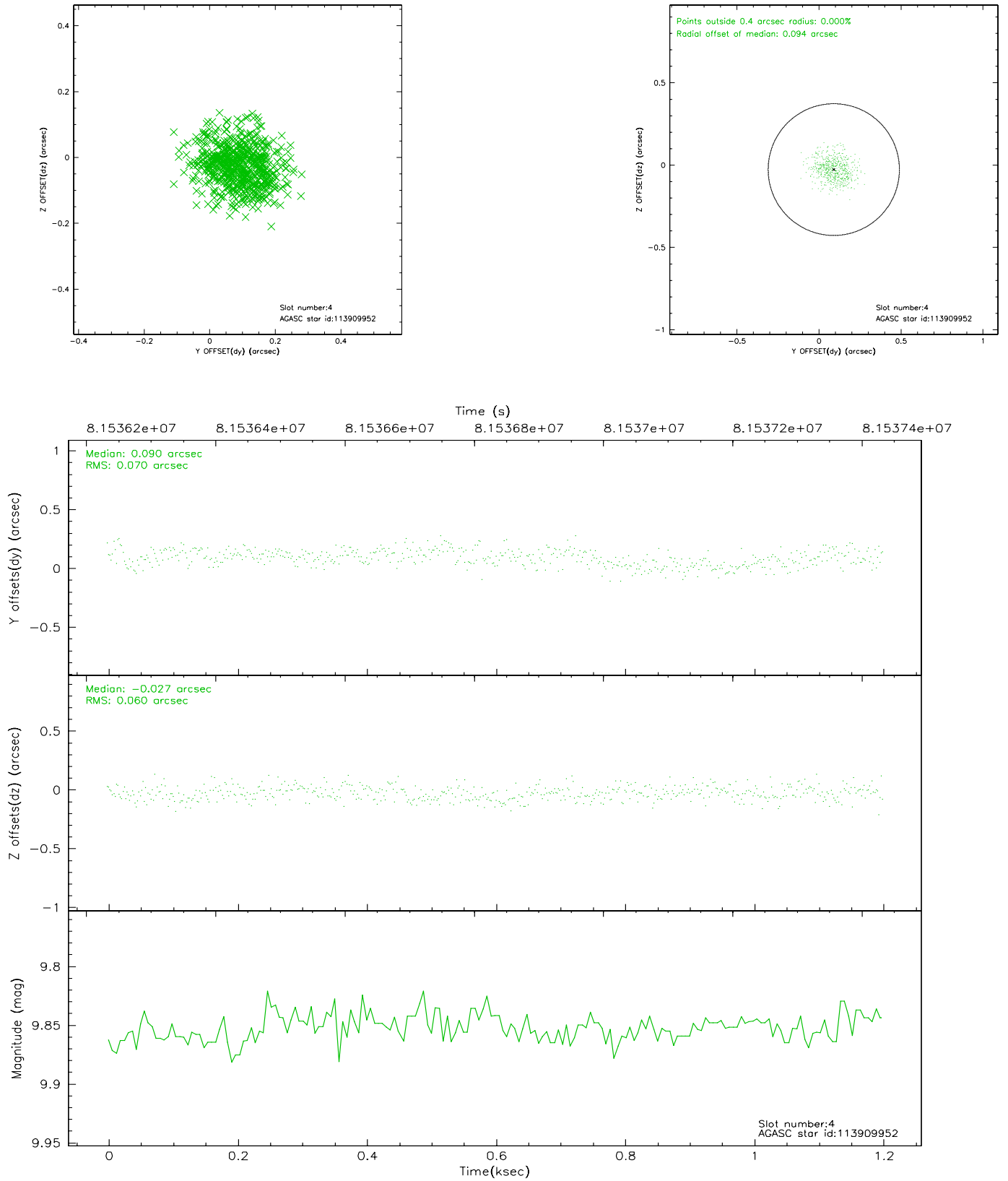
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	294	-0.033	0.018	0.006	0.010	0.000000	0.000000	-753.82	-1727.29
1	FID	ACIS-S-4	7.21	294	-0.034	0.011	0.005	0.009	0.000000	0.000000	2156.95	175.49
2	FID	ACIS-S-5	7.23	294	0.036	-0.020	0.006	0.011	0.000000	0.000000	-1799.47	175.40
3	GUIDE	113907440	7.66	587	-0.219	0.149	0.092	0.143	183.304663	10.821652	-2080.80	1942.35
4	GUIDE	113909952	9.85	586	0.090	-0.027	0.100	0.154	182.703120	10.082649	1028.63	558.69
5	GUIDE	113905264	10.18	587	0.030	-0.090	0.110	0.185	182.445692	10.343633	354.32	-563.03
6	GUIDE	113511280	10.48	587	0.135	0.005	0.161	0.262	182.700155	9.746408	2206.82	849.62
7	GUIDE	113906616	7.94	586	-0.038	-0.036	0.091	0.147	183.239714	10.037718	711.17	2438.05

2.4 Star Slots

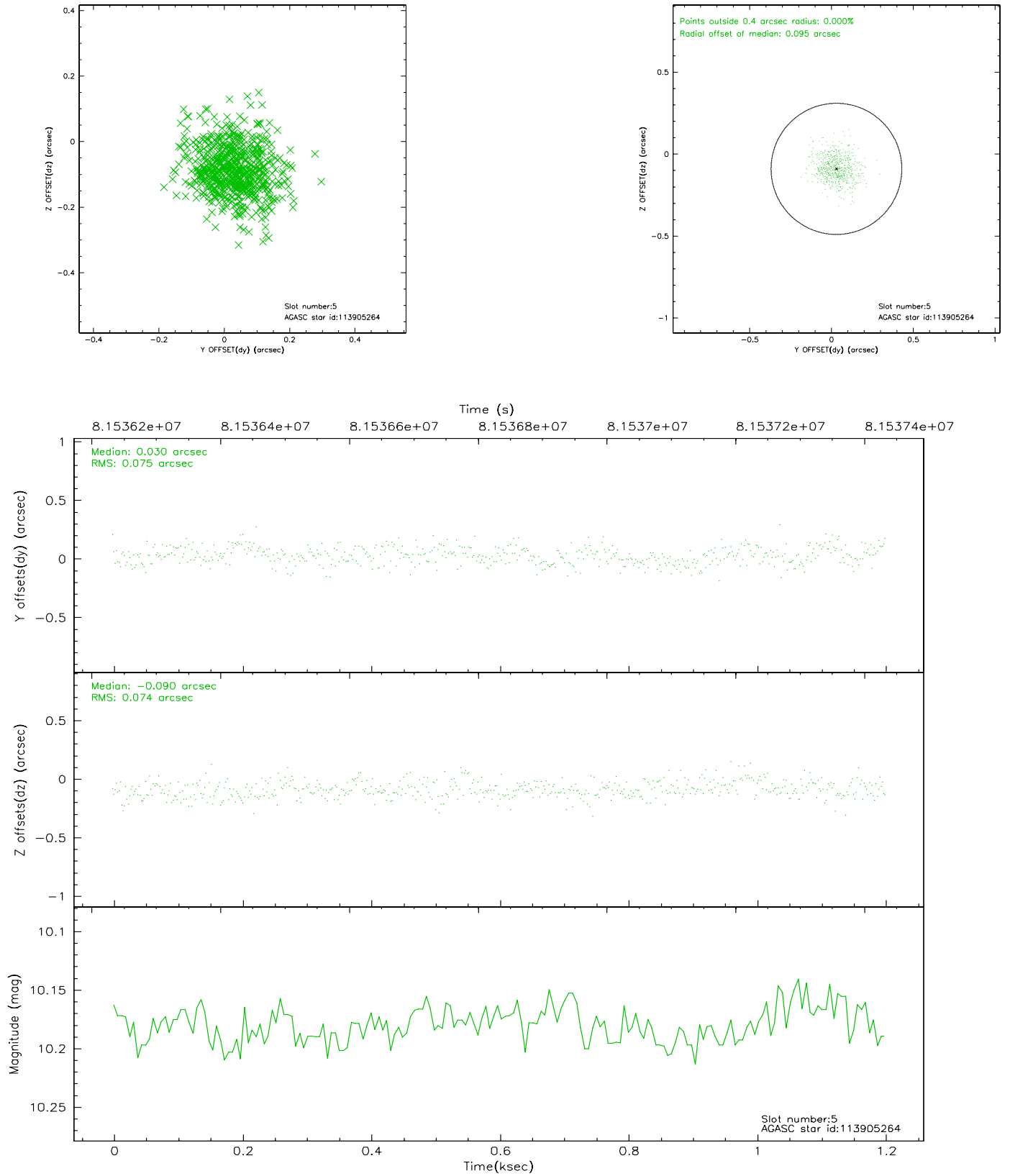
2.4.1 Slot 3



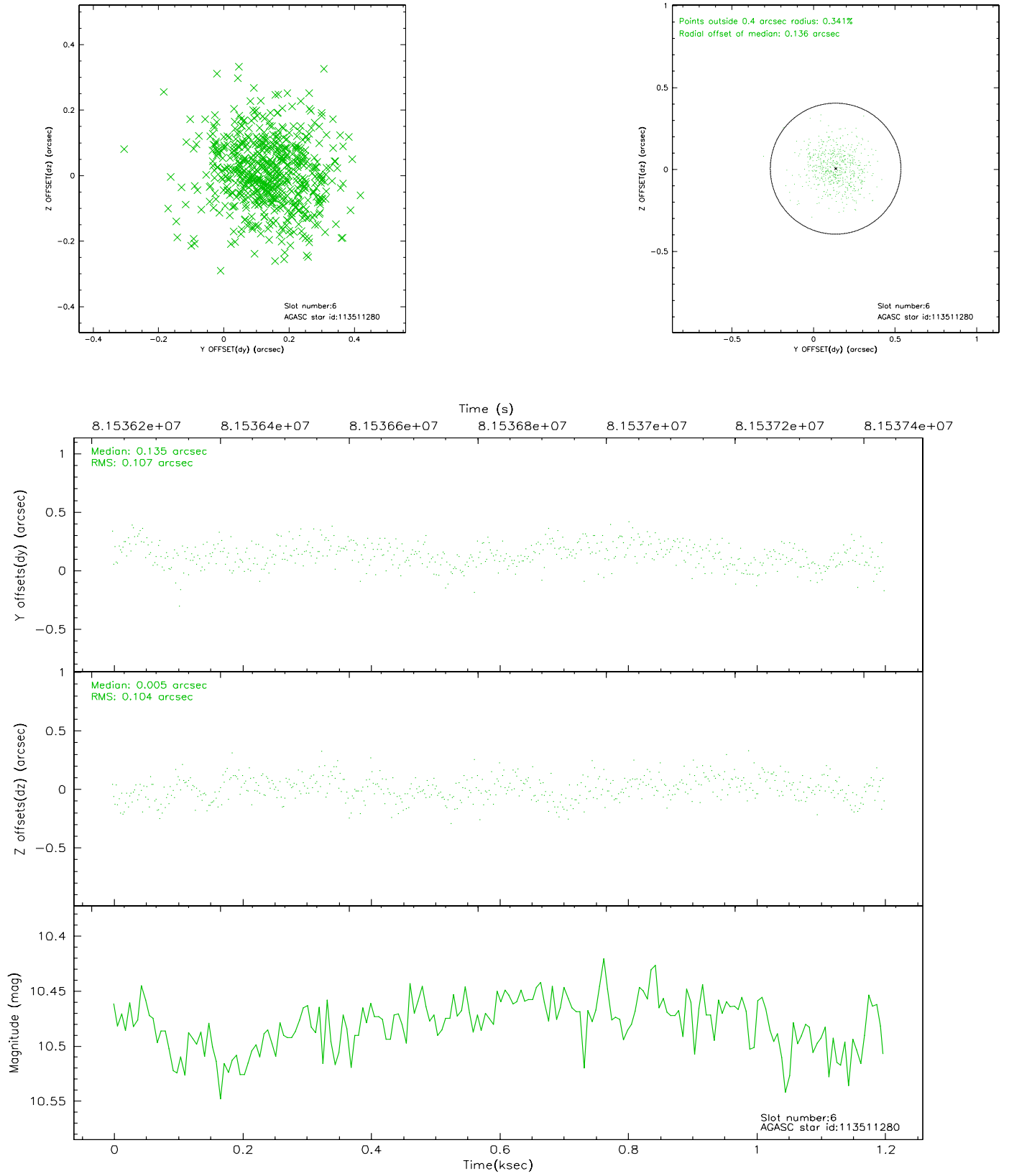
2.4.2 Slot 4



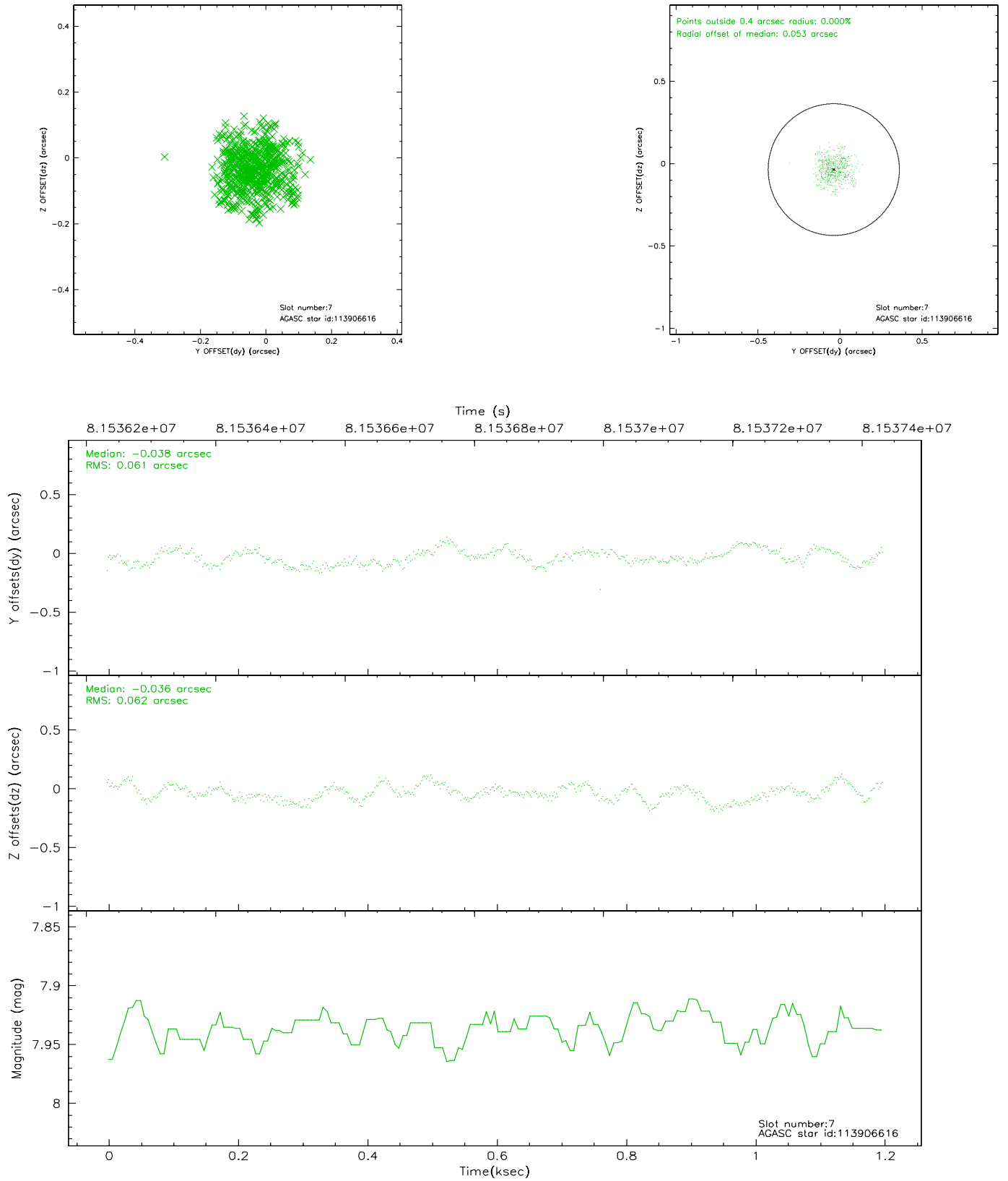
2.4.3 Slot 5



2.4.4 Slot 6

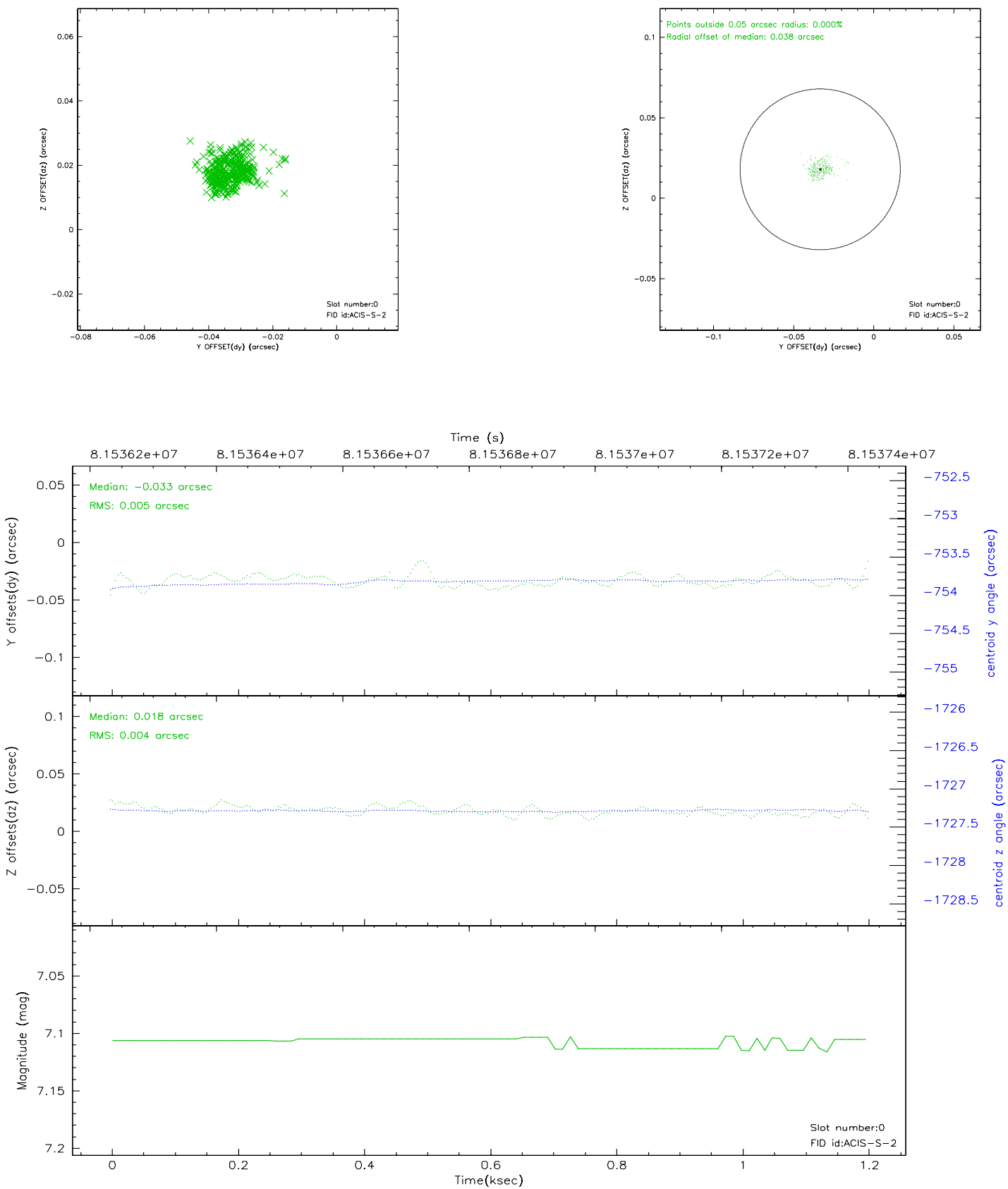


2.4.5 Slot 7

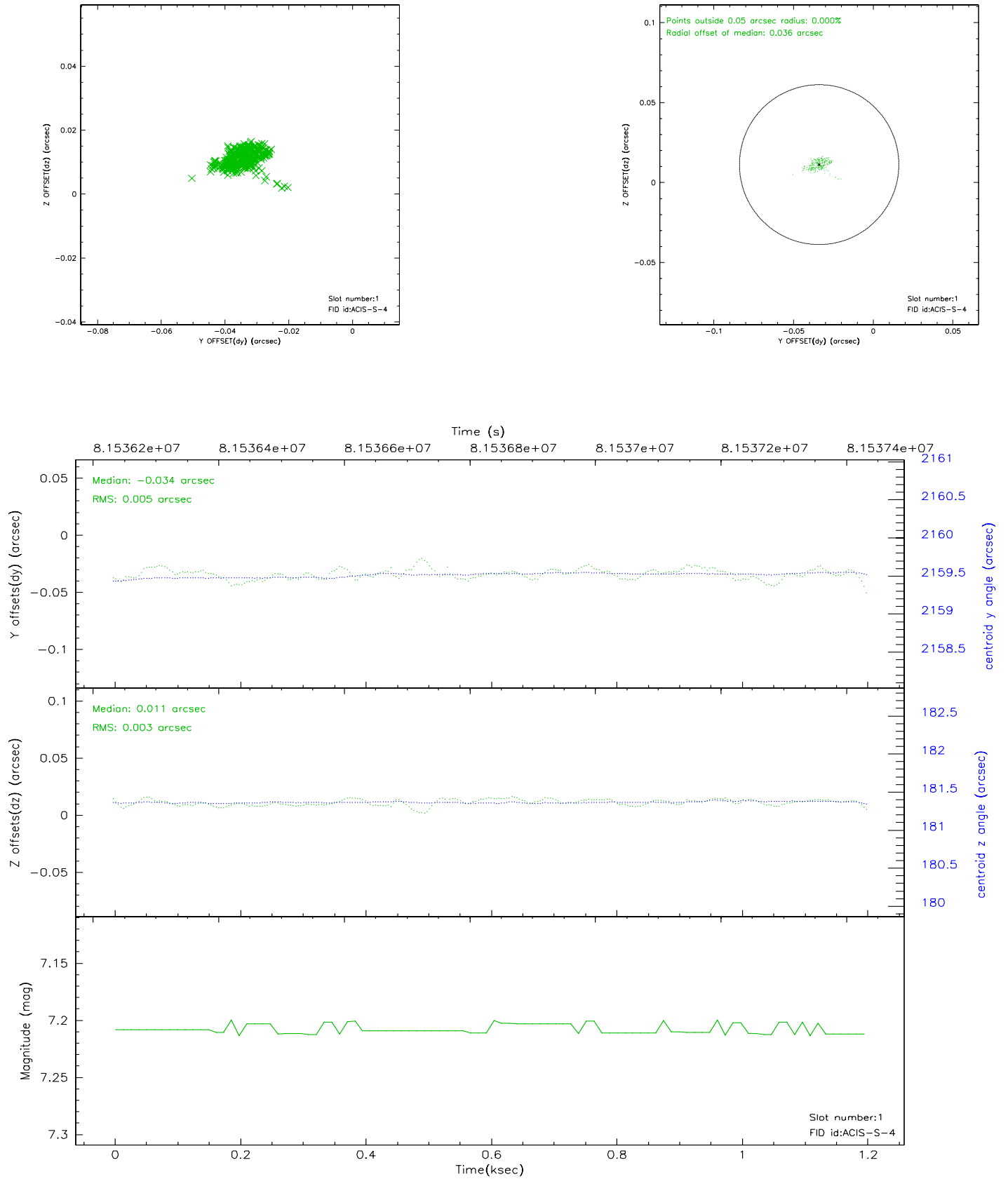


2.5 FID Slots

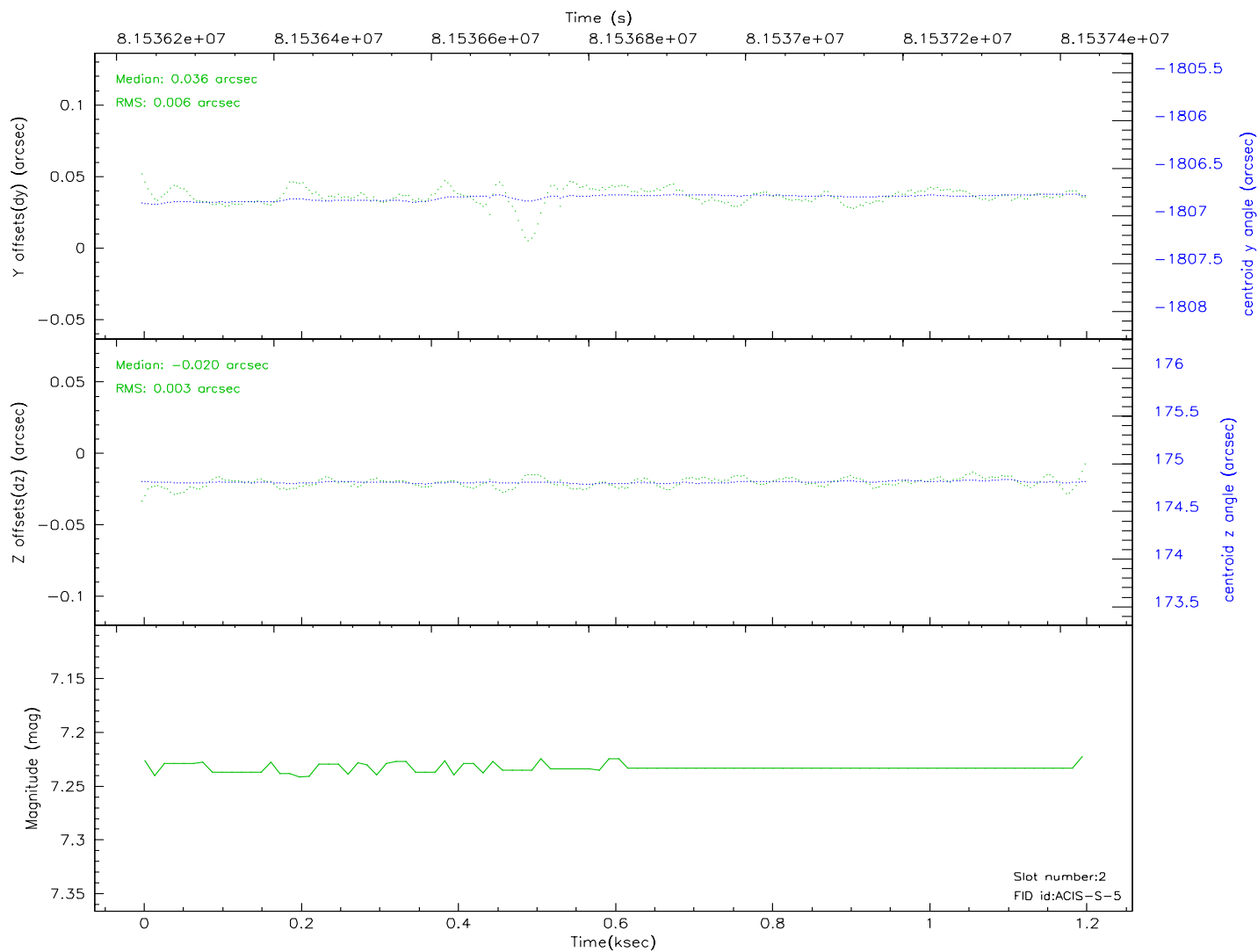
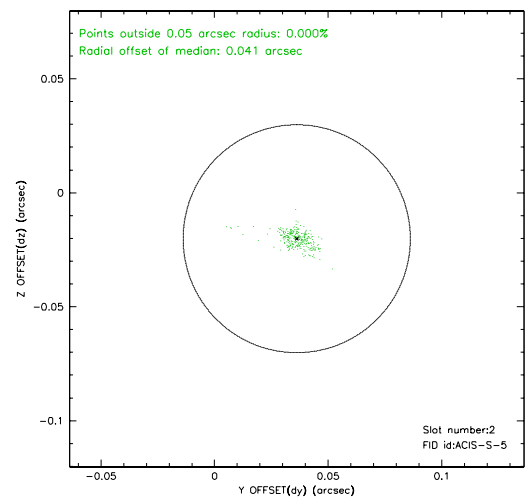
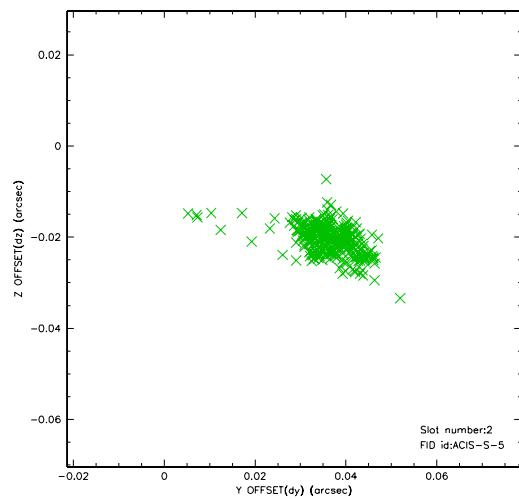
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

11.66 arcmin



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	1.2

A.2 Comments