

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 1834 - L2 Version 001
Chandra X-Ray Center

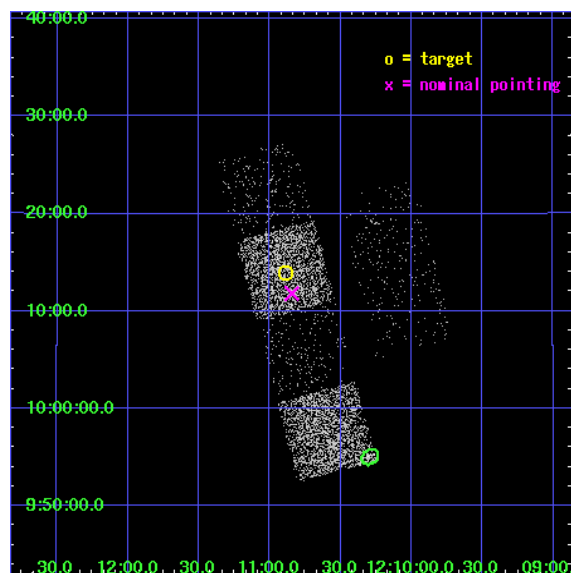
L2 Processing Date : Jun 1 2007

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1 Front

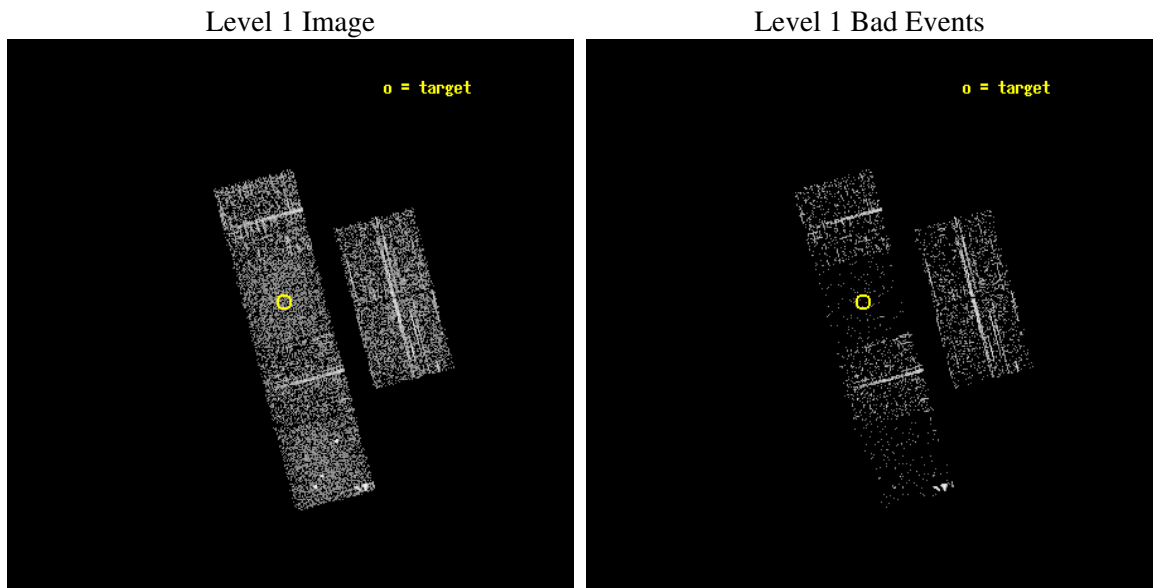
seq_num	100018
obs_id	1834
title	AXAF LOW ENERGY SPECTROSCOPY AND PHOTOMETRIC IMAGING OF COMETARY X-RAY EMISSION FROM COMET P/TEMPEL 2
observer	Dr. Carey Lisse
object	Comet c/LINEAR 1999 S4
dtcycle	0
cycle	P
ra_targ	182.72264
dec_targ	10.23282
ra_nom	182.71085498187
dec_nom	10.196931421818
roll_nom	255.4399239109
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	5782



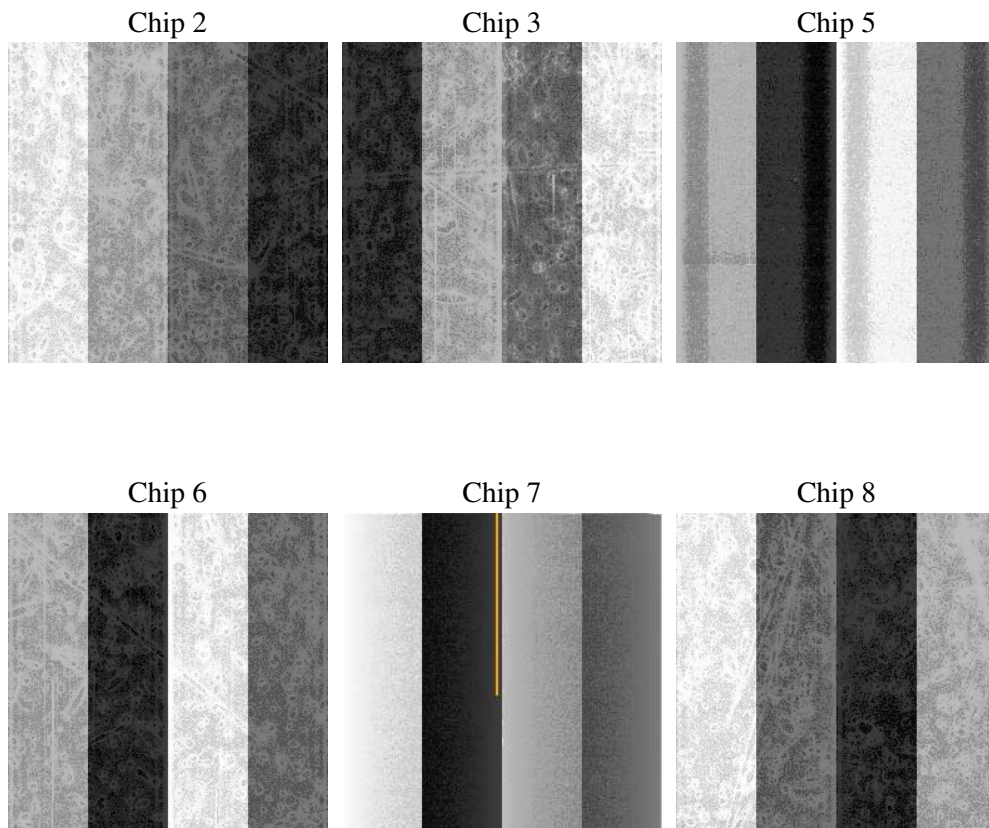
2 OBI

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	2007-06-01T05:11:08
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	31139

2.1.4 Events

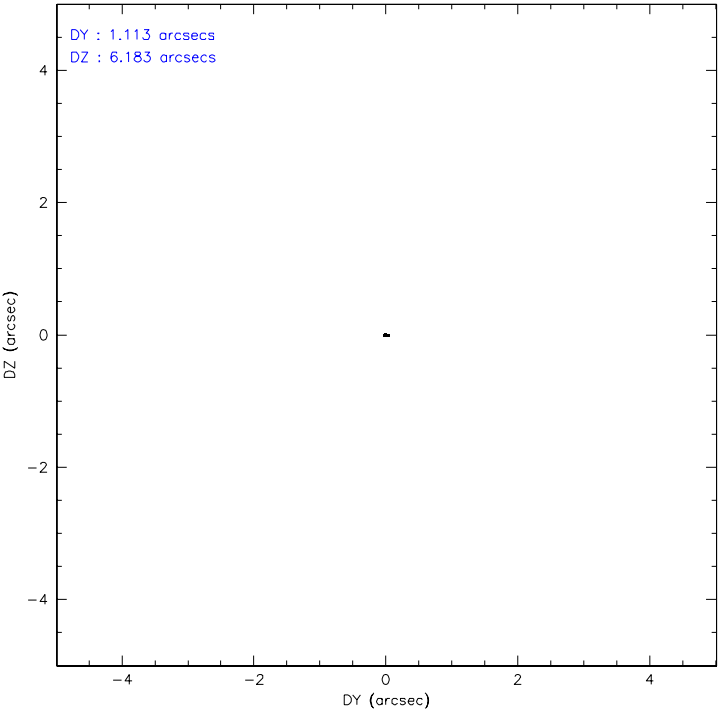
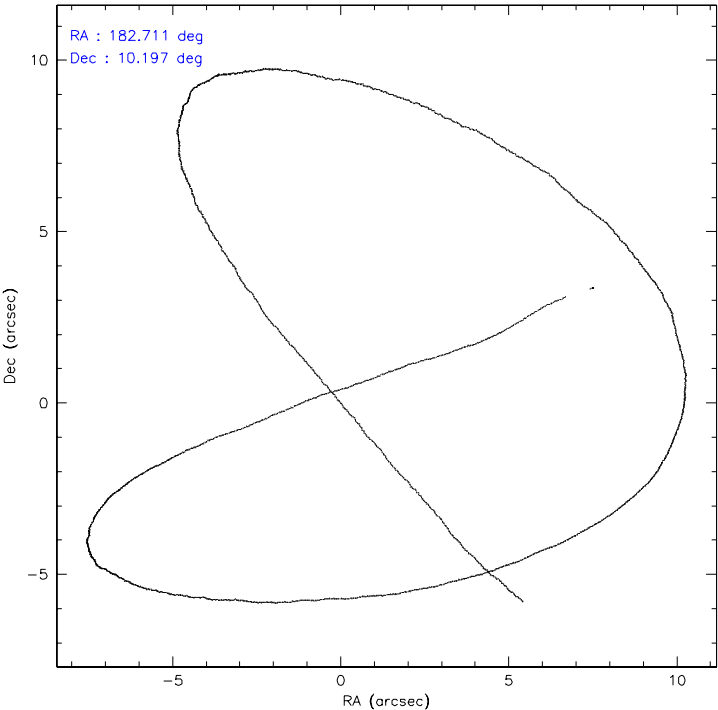
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	6124	5507	4807	4818	3838	6045
rejected events	5922	5327	1818	4548	1235	4831
rejected %	96%	96%	37%	94%	32%	79%

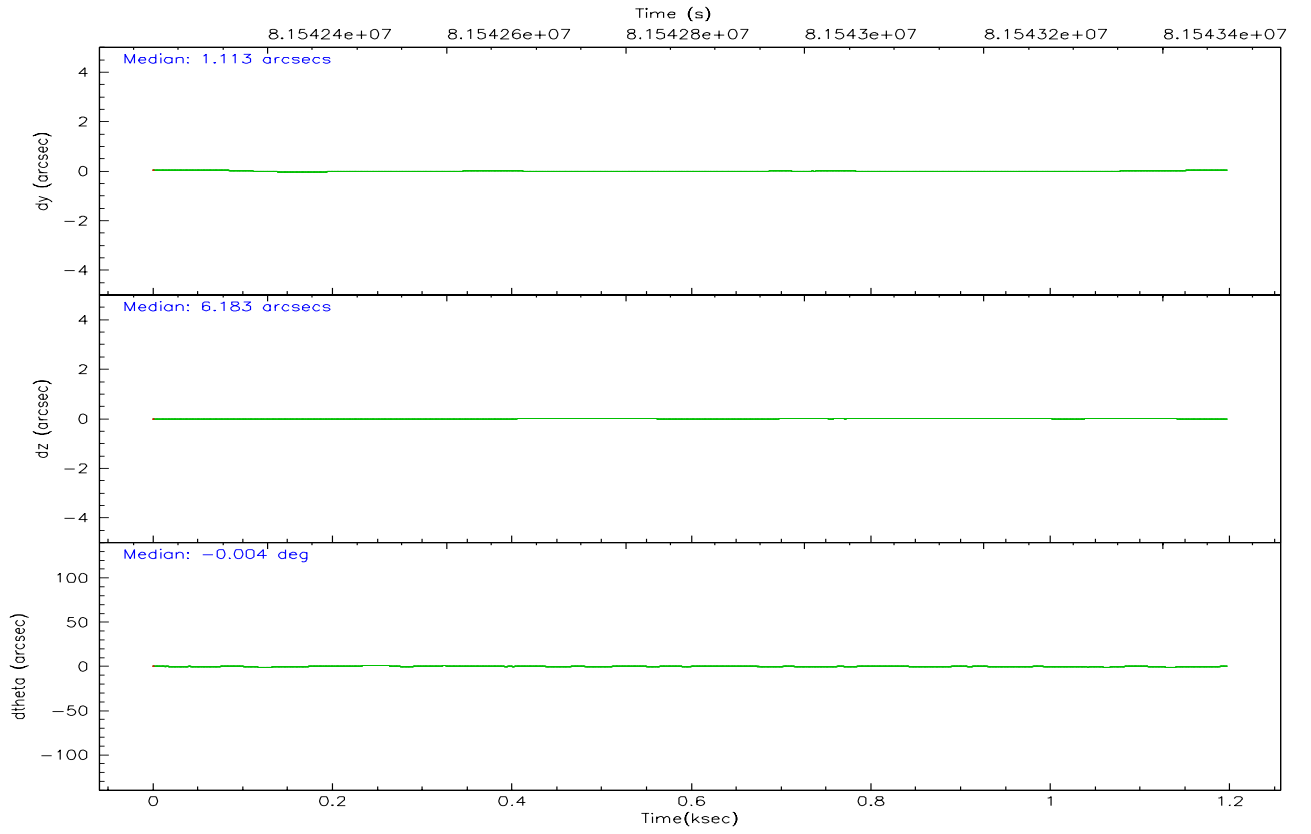
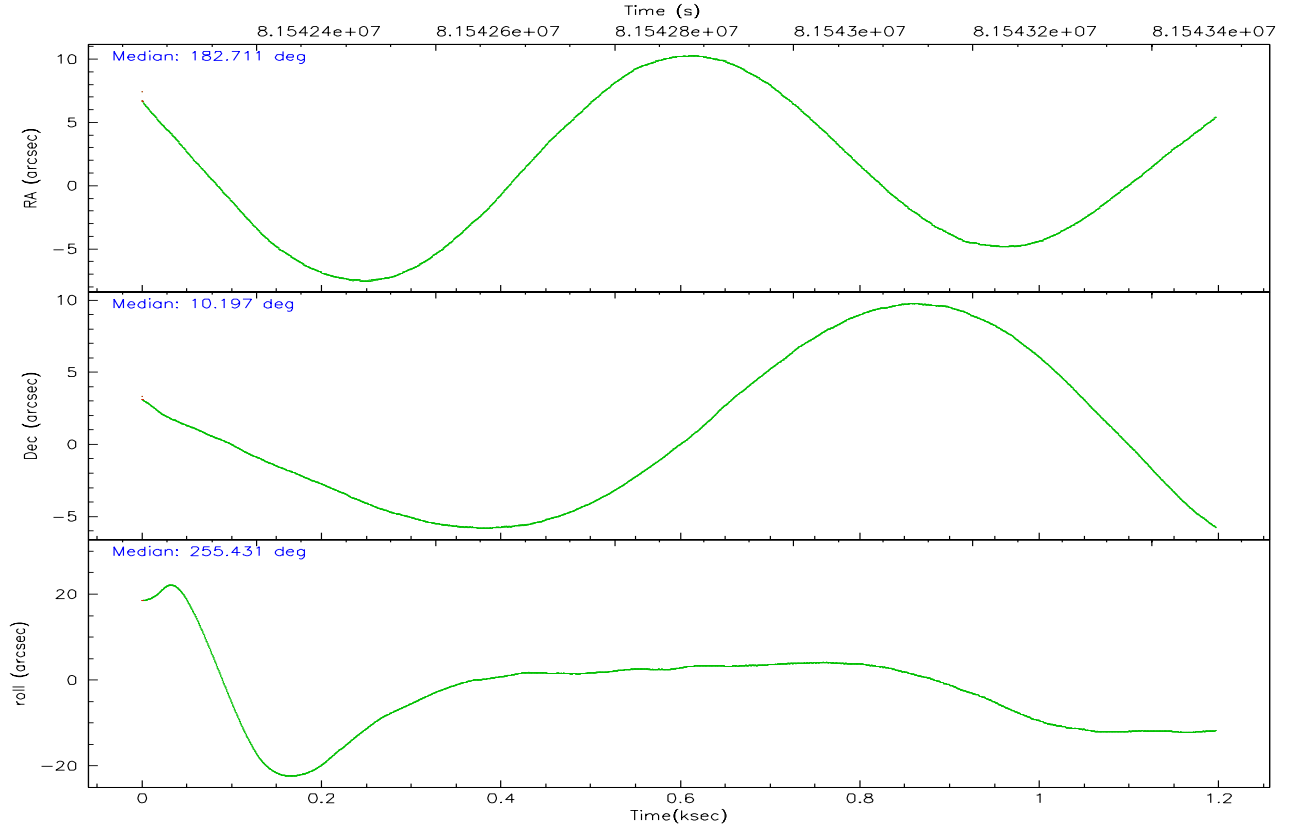
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	132	123	1778	241	1212	480
	2%	2%	36%	5%	31%	7%
grade 1 events	0	2	32	4	1	2
	0%	0%	0%	0%	0%	0%
grade 2 events	38	29	1159	41	986	256
	0%	0%	24%	0%	25%	4%
grade 3 events	33	31	338	29	398	215
	0%	0%	7%	0%	10%	3%
grade 4 events	35	23	332	21	414	163
	0%	0%	6%	0%	10%	2%
grade 5 events	3	2	90	4	48	24
	0%	0%	1%	0%	1%	0%
grade 6 events	25	9	483	16	714	348
	0%	0%	10%	0%	18%	5%
grade 7 events	5858	5288	595	4462	65	4557
	95%	96%	12%	92%	1%	75%

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	182.703633	182.7108549818695	Subarray requested	NONE	NONE
Pointing Dec	10.223258	10.19693142181839	Alternating exposures requested	N	N
Pointing Roll	255.284451	255.4399239108967	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	81542200.184000	81542094.27889501			
Observation start date	2000-08-01T18:35:36	2000-08-01T18:34:54			
Observation end time	81543470.184000	81543604.10395201			
Observation end date	2000-08-01T18:56:46	2000-08-01T19:00:04			
Read mode	TIMED	TIMED			

2.3 Aspect



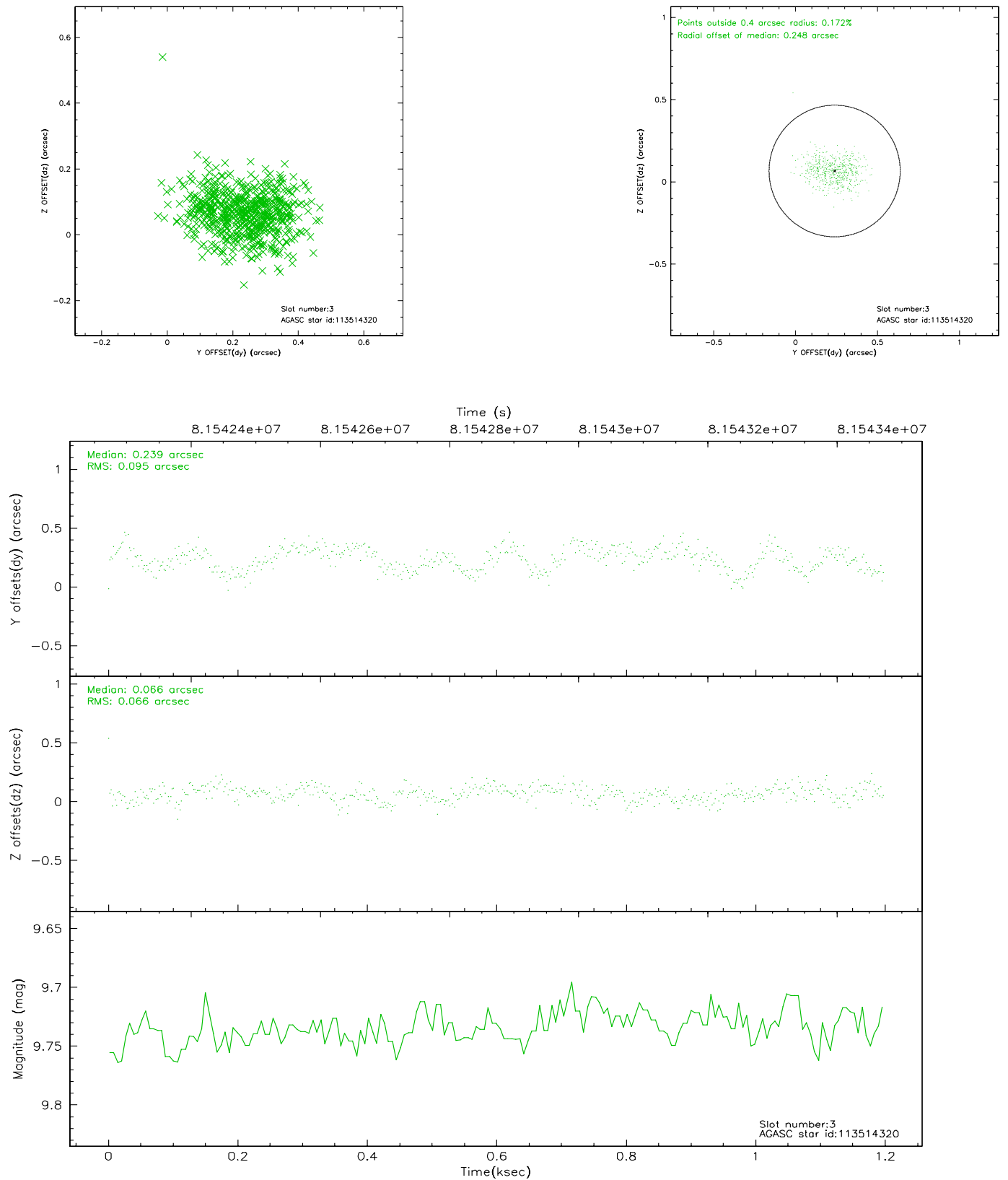


Slot Statistics

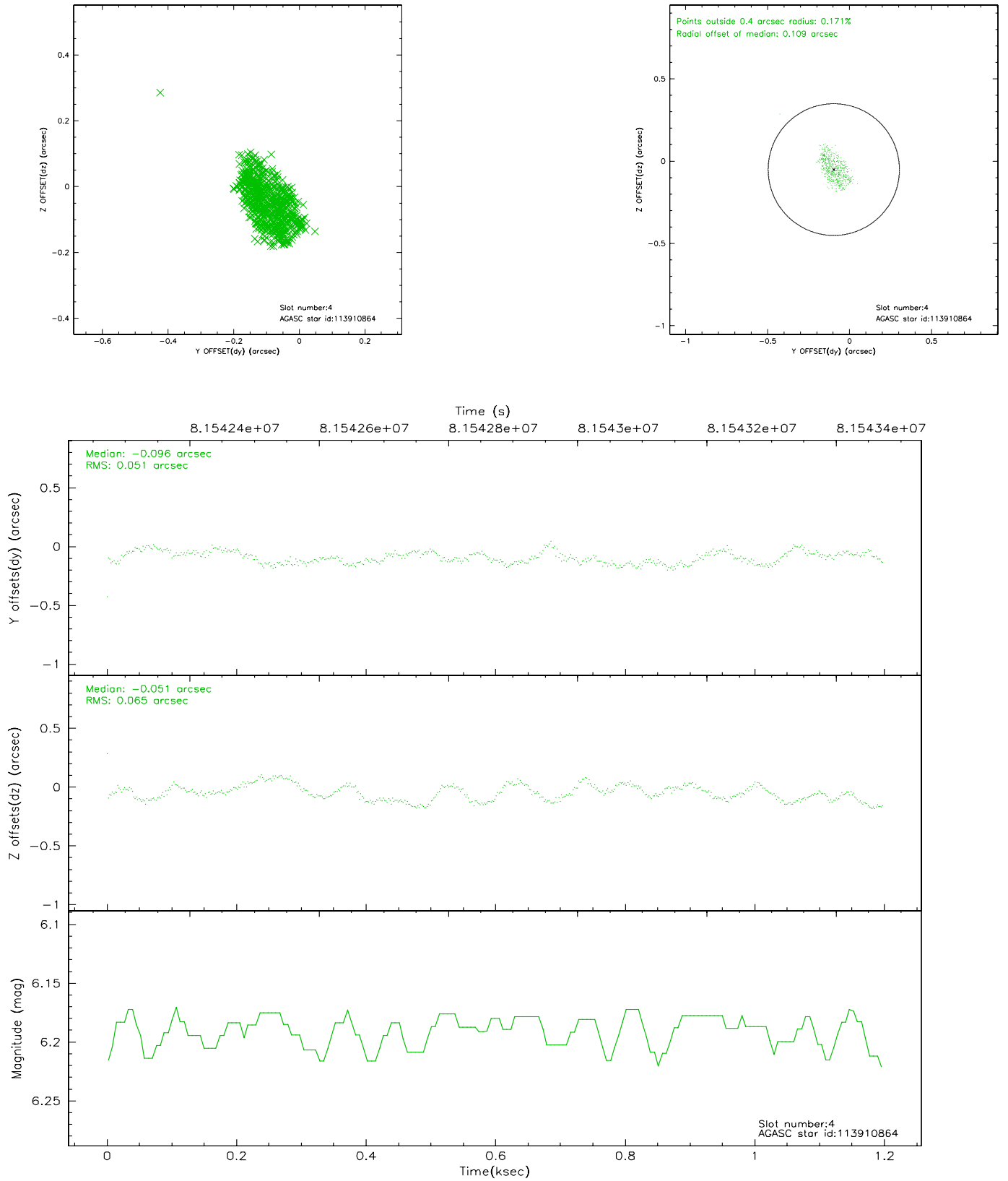
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	293	-0.033	0.017	0.008	0.012	0.000000	0.000000	-753.73	-1727.26
1	FID	ACIS-S-4	7.21	293	-0.033	0.011	0.005	0.008	0.000000	0.000000	2157.04	175.50
2	FID	ACIS-S-5	7.24	293	0.034	-0.020	0.007	0.012	0.000000	0.000000	-1799.35	175.43
3	GUIDE	113514320	9.74	582	0.239	0.066	0.123	0.198	183.030216	9.556614	2026.79	1731.85
4	GUIDE	113910864	6.19	585	-0.096	-0.051	0.088	0.132	183.358076	10.262342	-723.58	2209.16
5	GUIDE	113905264	10.20	567	-0.003	-0.168	0.108	0.182	182.445692	10.343633	-187.96	-989.40
6	GUIDE	113910808	10.20	585	-0.118	0.128	0.173	0.258	183.289541	10.594003	-1819.49	1664.46
7	GUIDE	113906616	7.92	584	-0.017	0.021	0.072	0.118	183.239714	10.037718	159.19	2010.86

2.4 Star Slots

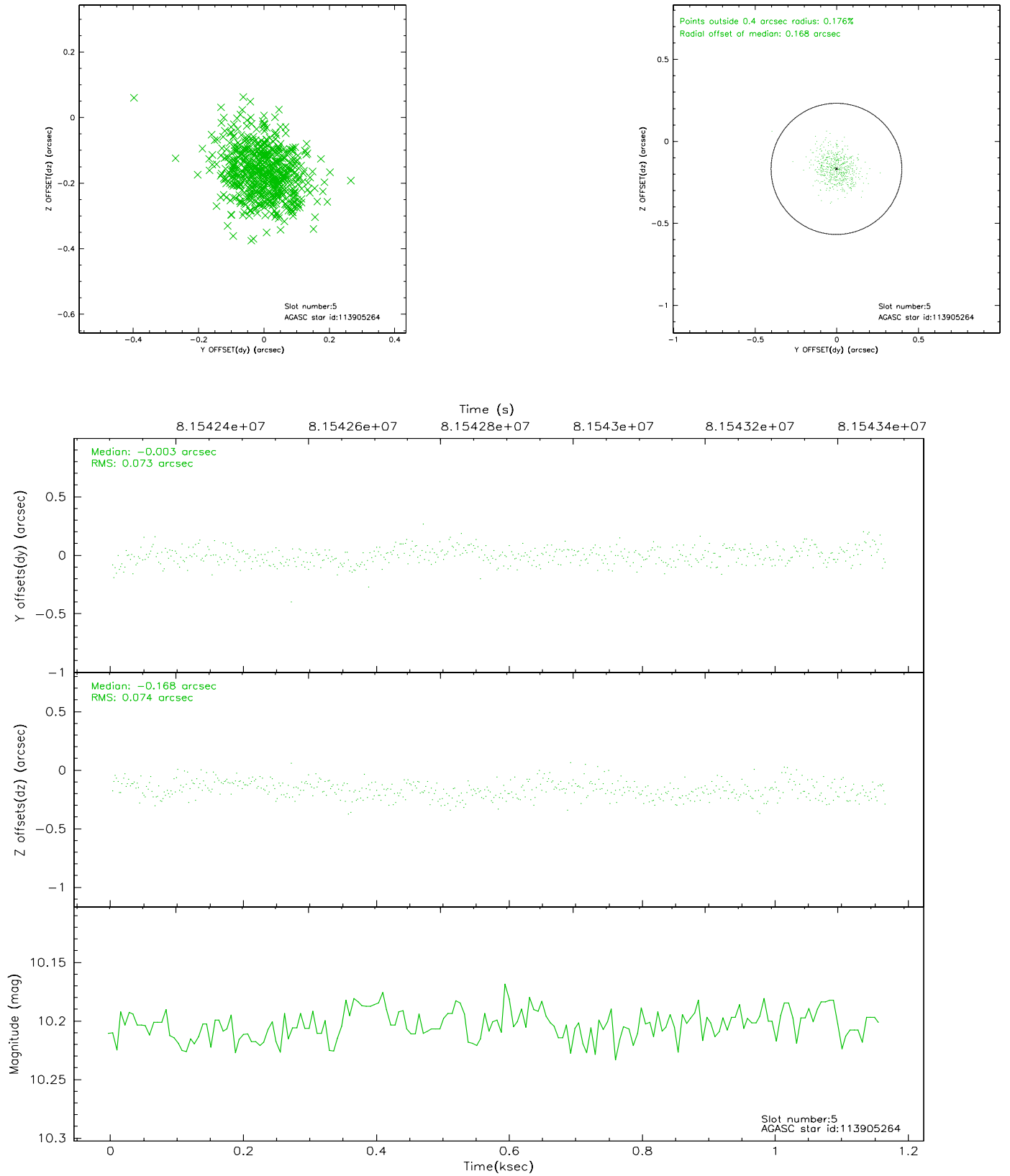
2.4.1 Slot 3



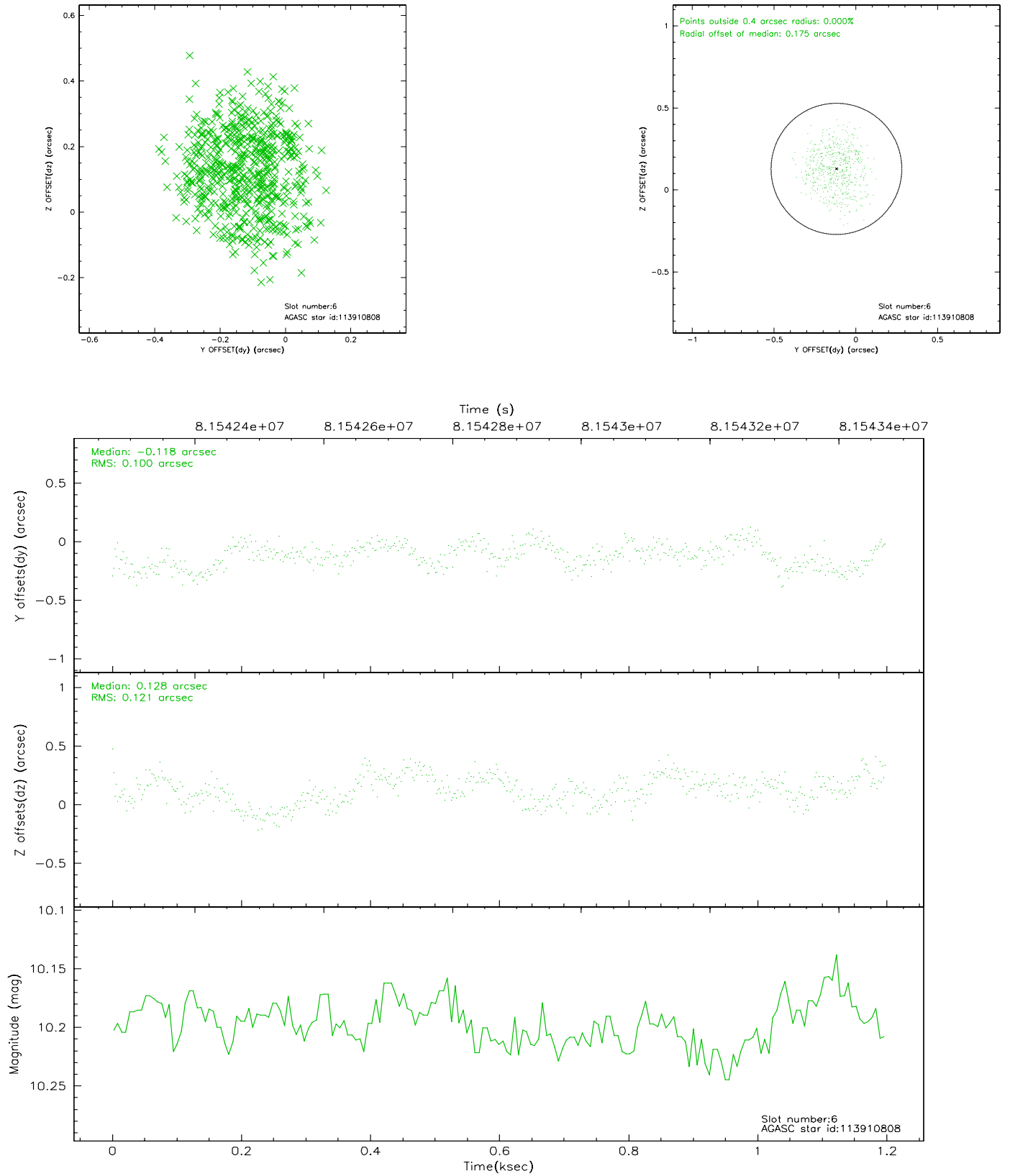
2.4.2 Slot 4



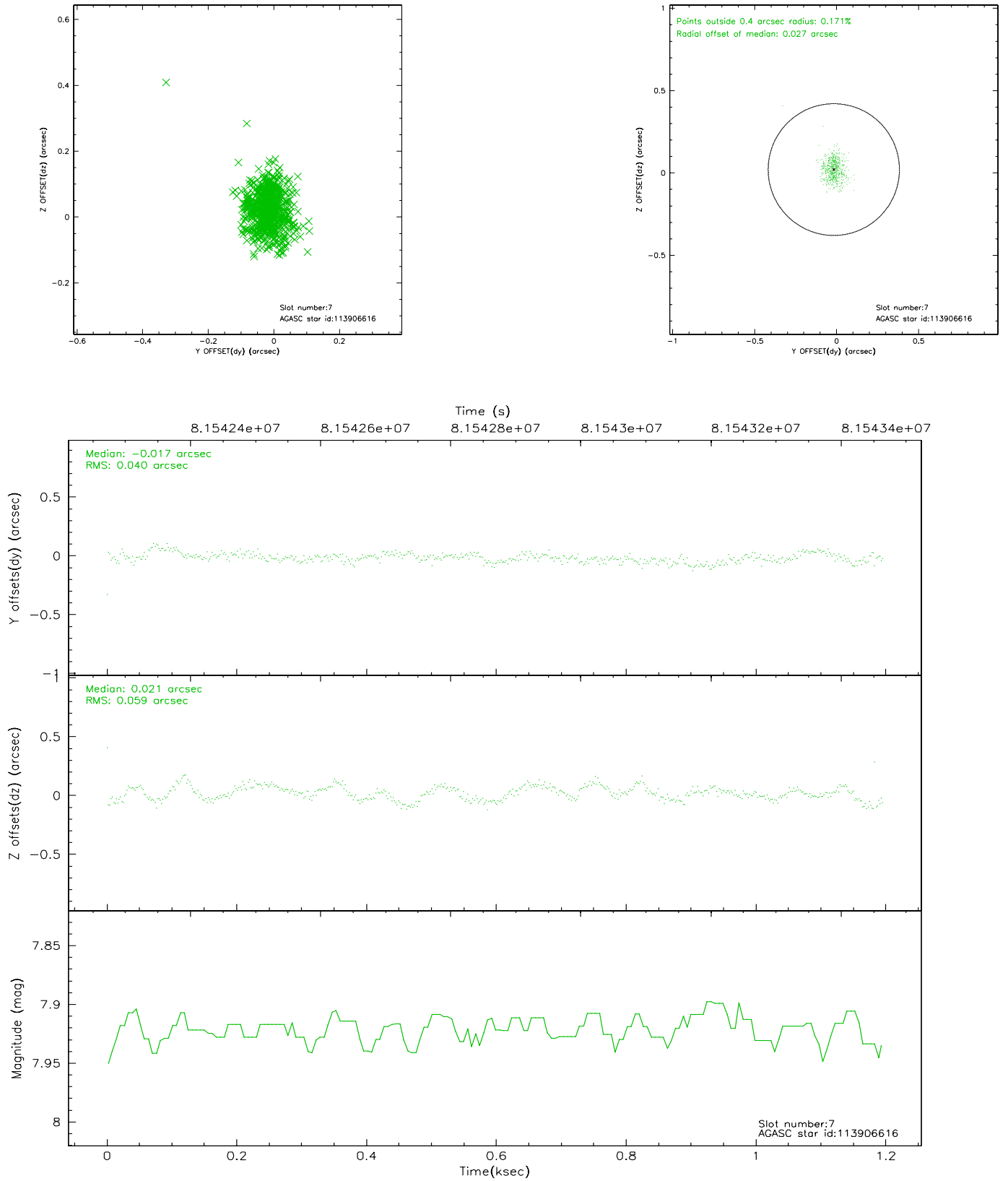
2.4.3 Slot 5



2.4.4 Slot 6

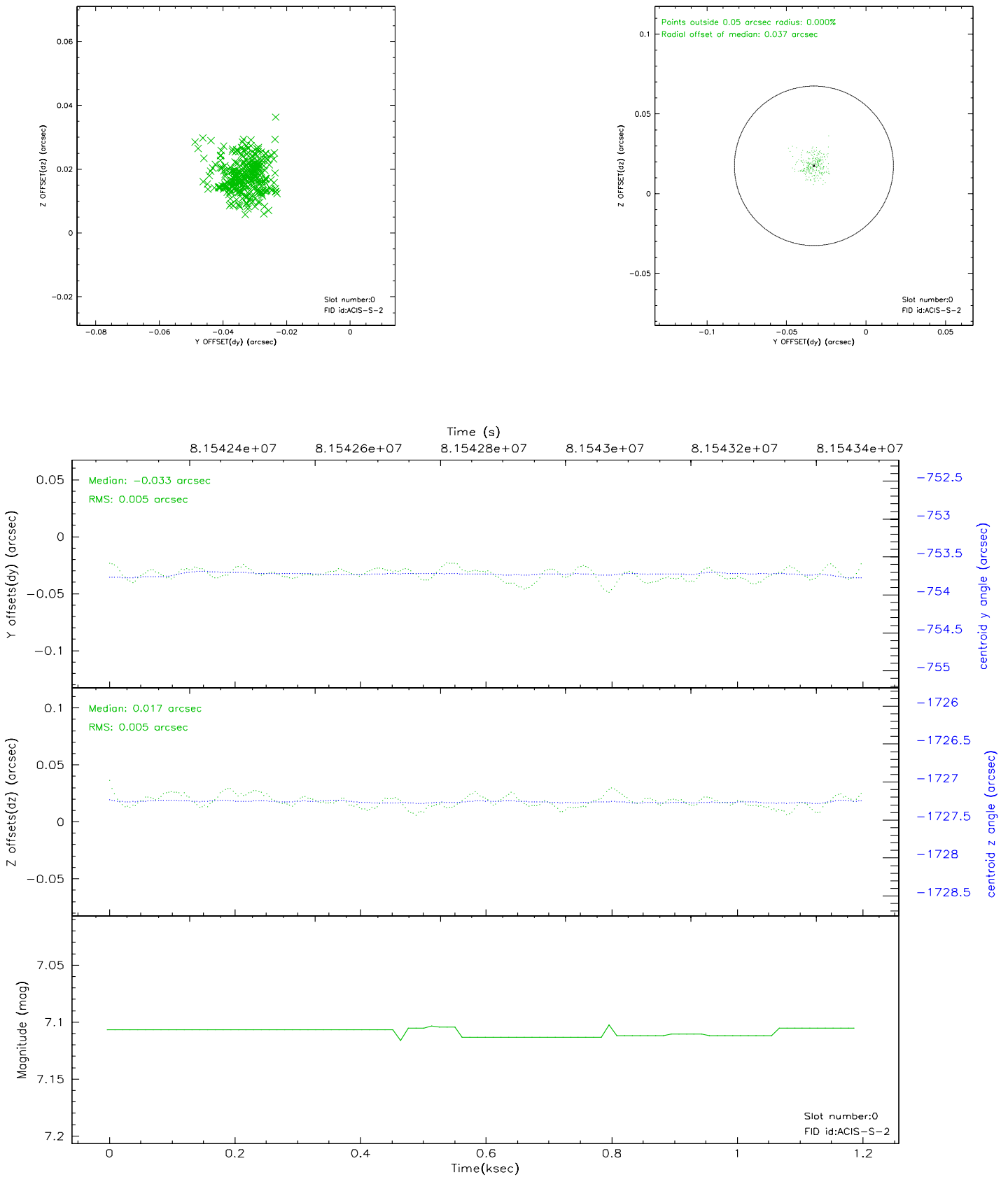


2.4.5 Slot 7

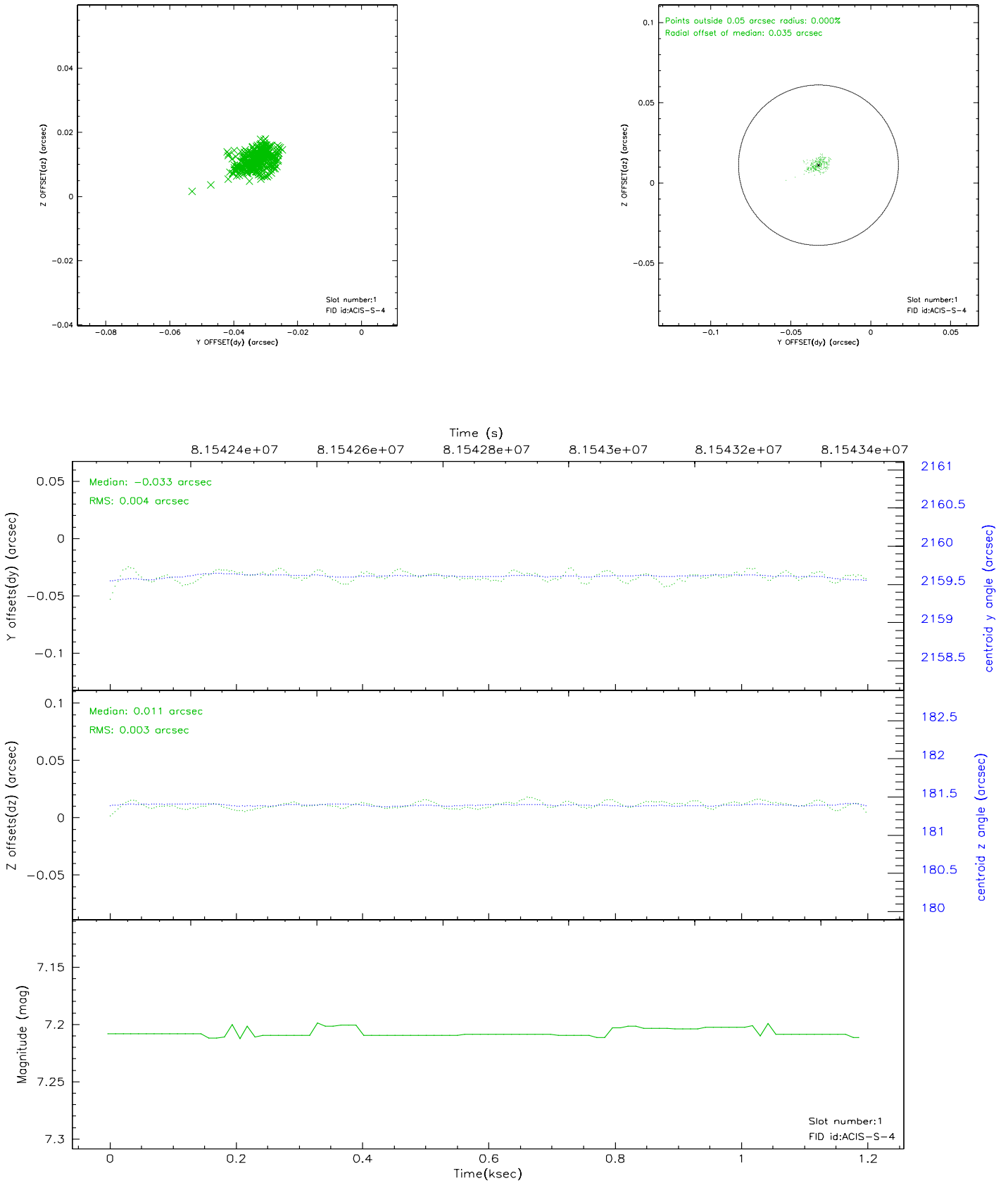


2.5 FID Slots

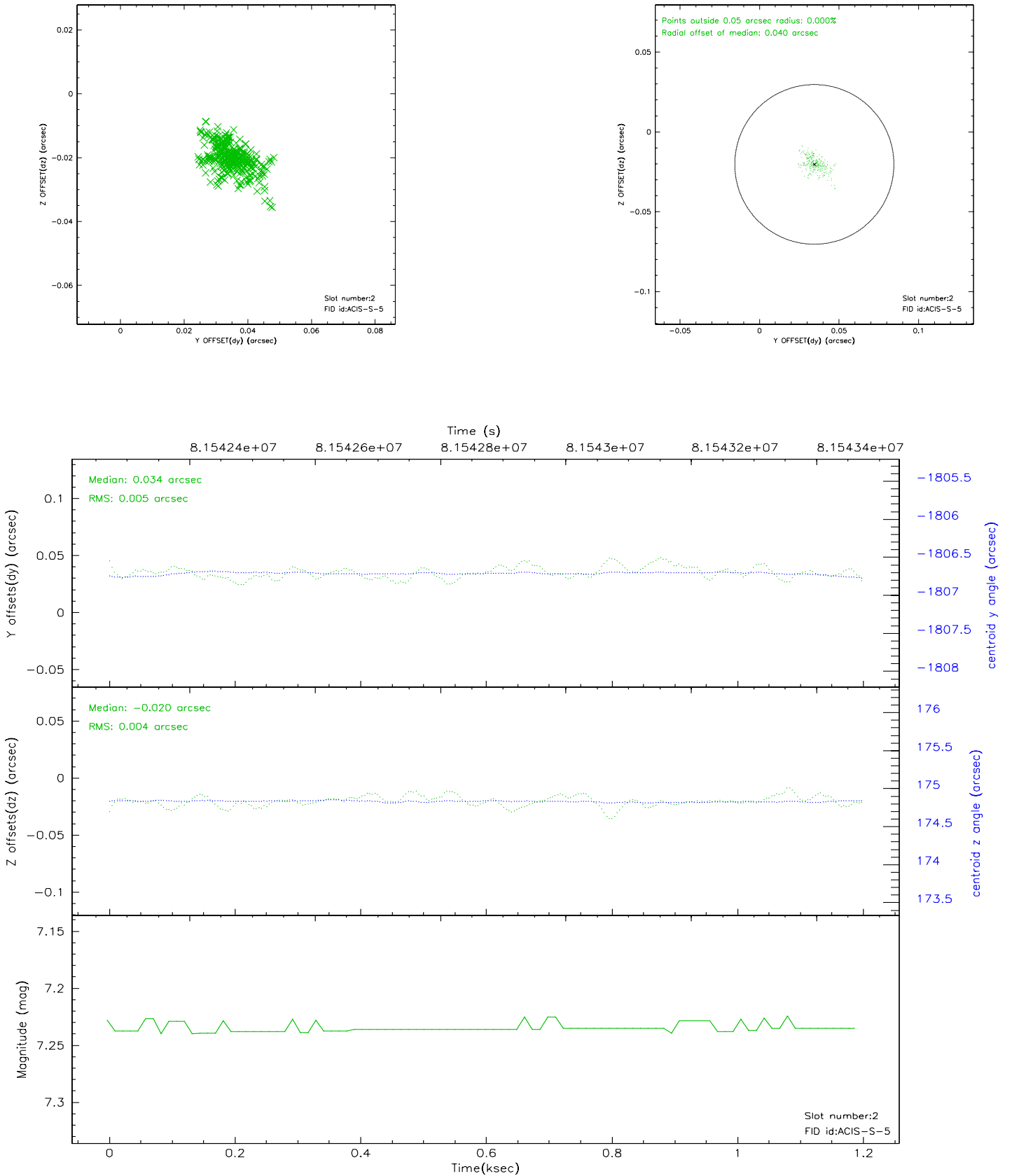
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

18.67 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	1.196

A.2 Comments