

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 584 - L2 Version 001
Chandra X-Ray Center

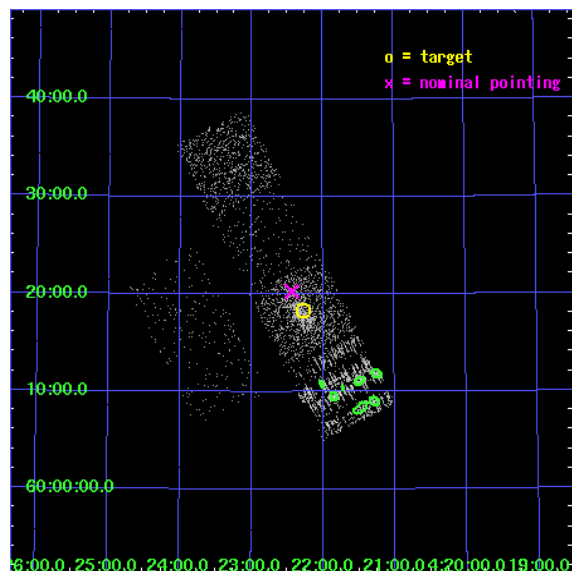
L2 Processing Date : May 30 2007

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1 Front

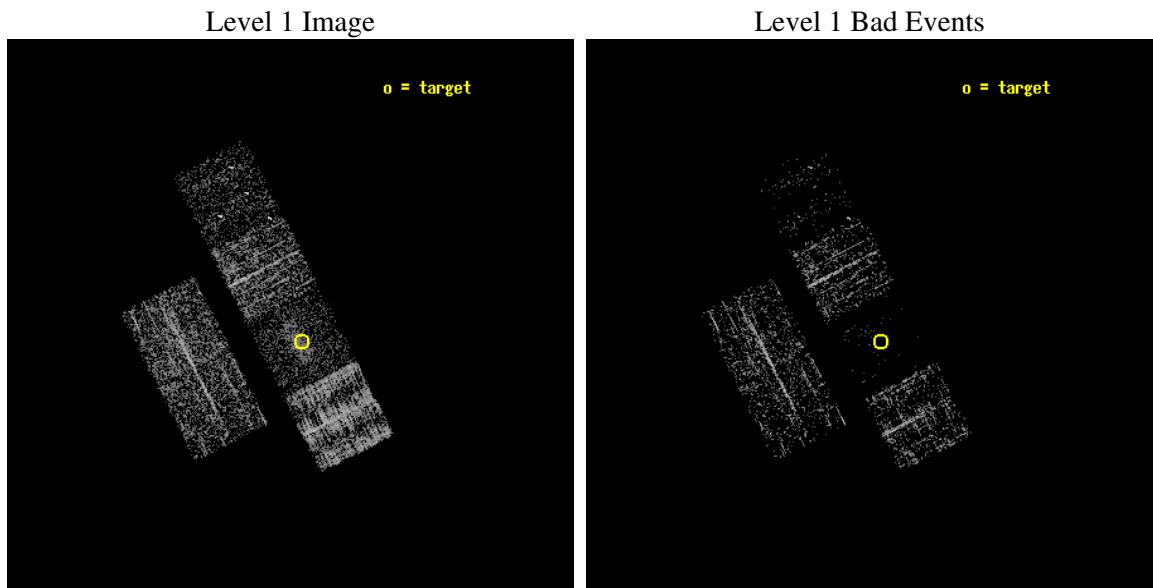
seq_num	100002
obs_id	584
title	AXAF LOW ENERGY SPECTROSCOPY AND PHOTOMETRIC IMAGING OF COMETARY X-RAY EMISSION FROM COMET P/TEMPEL 2
observer	Dr. Carey Lisse
object	LINEAR 1999 S4
dtcycle	0
cycle	P
ra_targ	65.57078
dec_targ	60.30574
ra_nom	65.608526296149
dec_nom	60.338298828423
roll_nom	62.9976126872
revision	3
ontime	960.00000089407
livetime	947.84390284015
ontime2	960.00000089407
ontime3	960.00000089407
ontime5	960.00000089407
ontime6	960.00000089407
ontime7	960.00000089407
ontime8	960.00000089407
l2events	4961



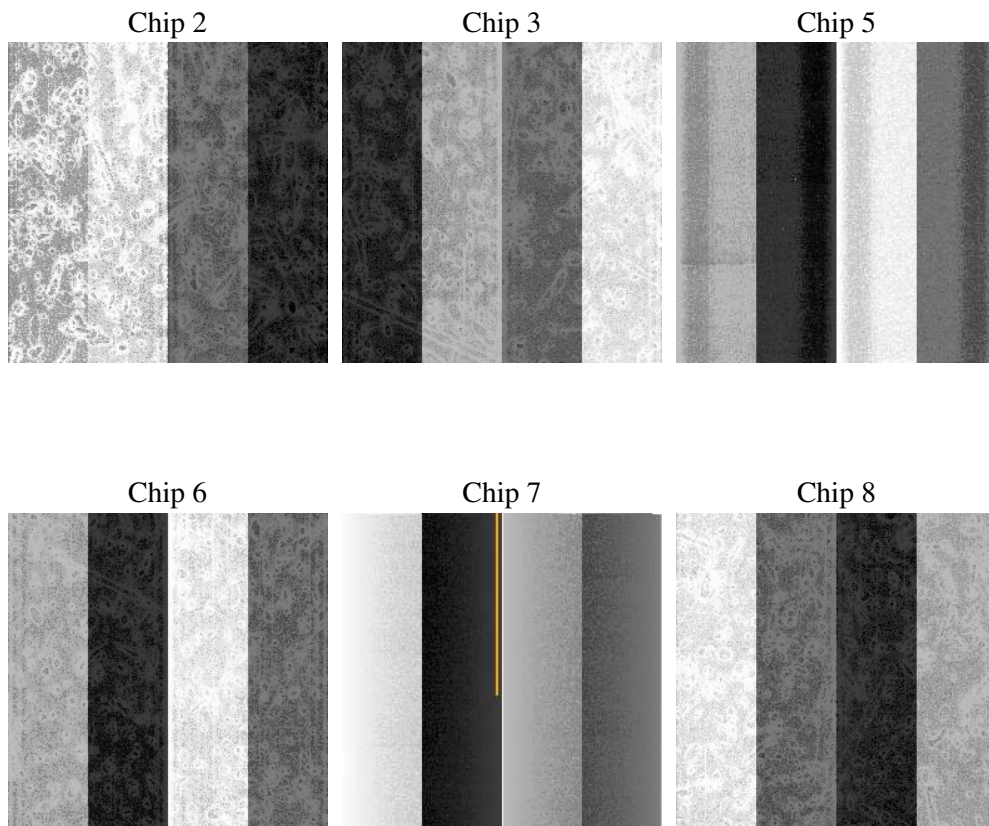
2 OBI

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	2007-05-30T18:22:53
revision	3

sched_exp_time	1000.000000
ontime	960.00000089407
ontime2	960.00000089407
ontime3	960.00000089407
ontime5	960.00000089407
ontime6	960.00000089407
ontime7	960.00000089407
ontime8	960.00000089407
l1events	28797

2.1.4 Events

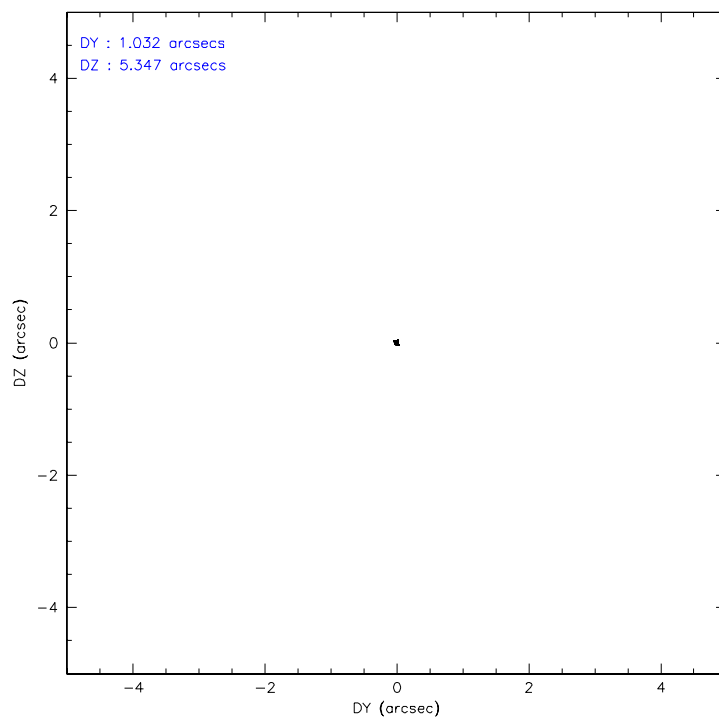
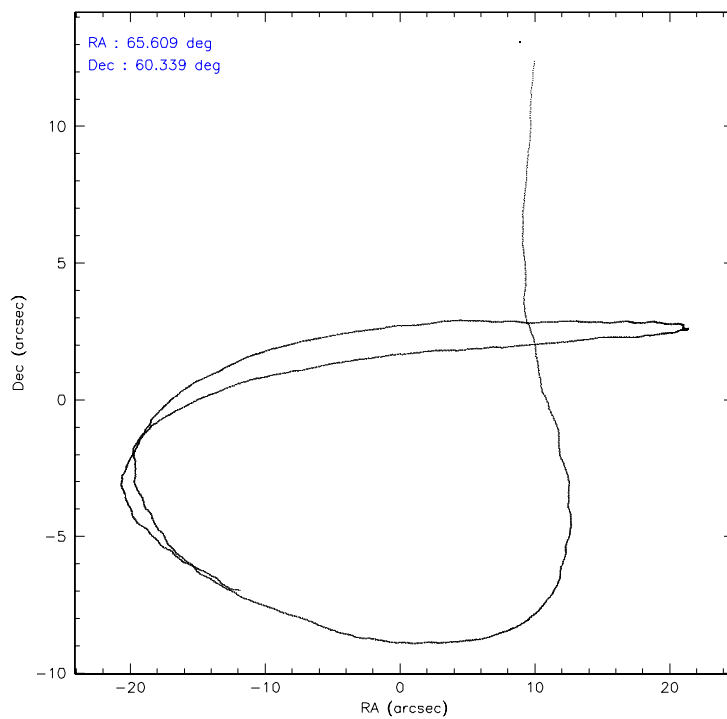
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	5149	4057	2190	5028	1993	10380
rejected events	4739	3897	838	4695	428	4826
rejected %	92%	96%	38%	93%	21%	46%

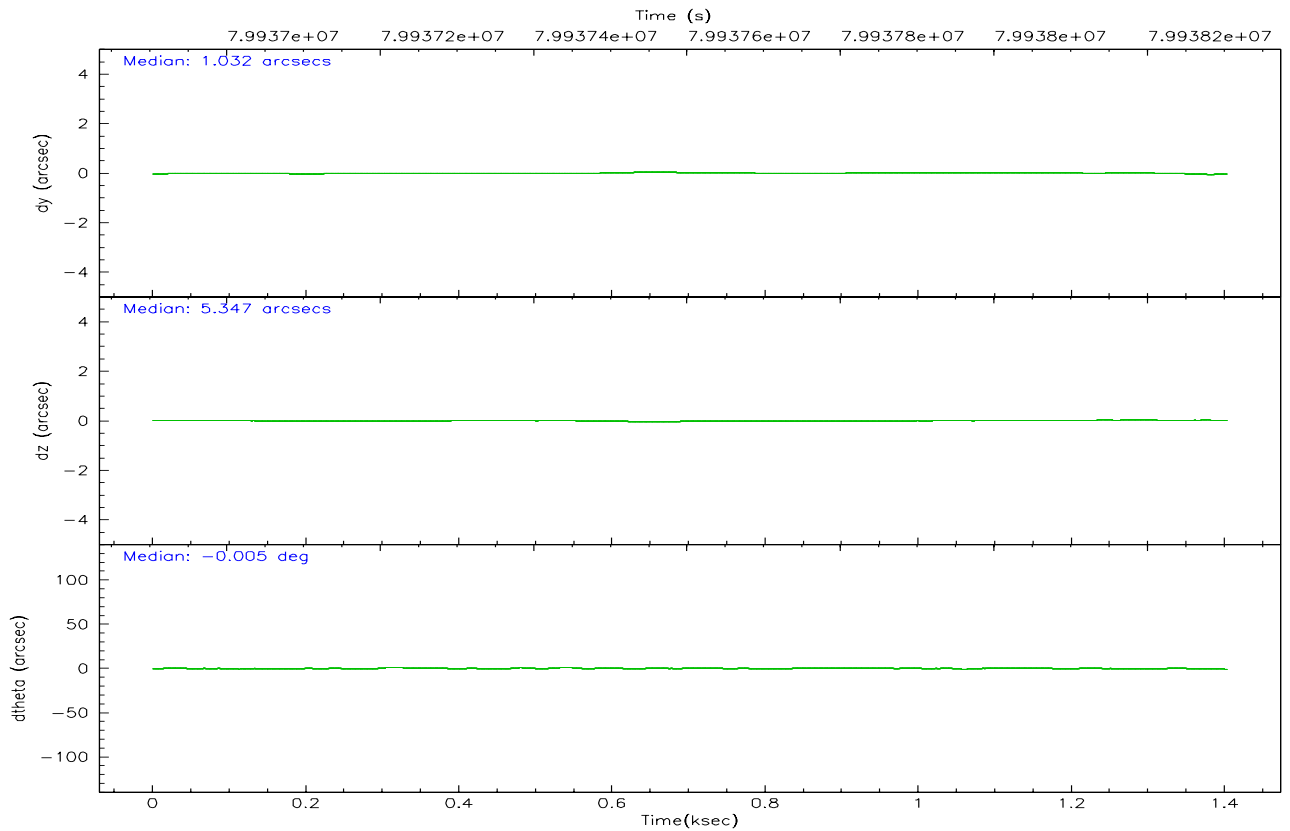
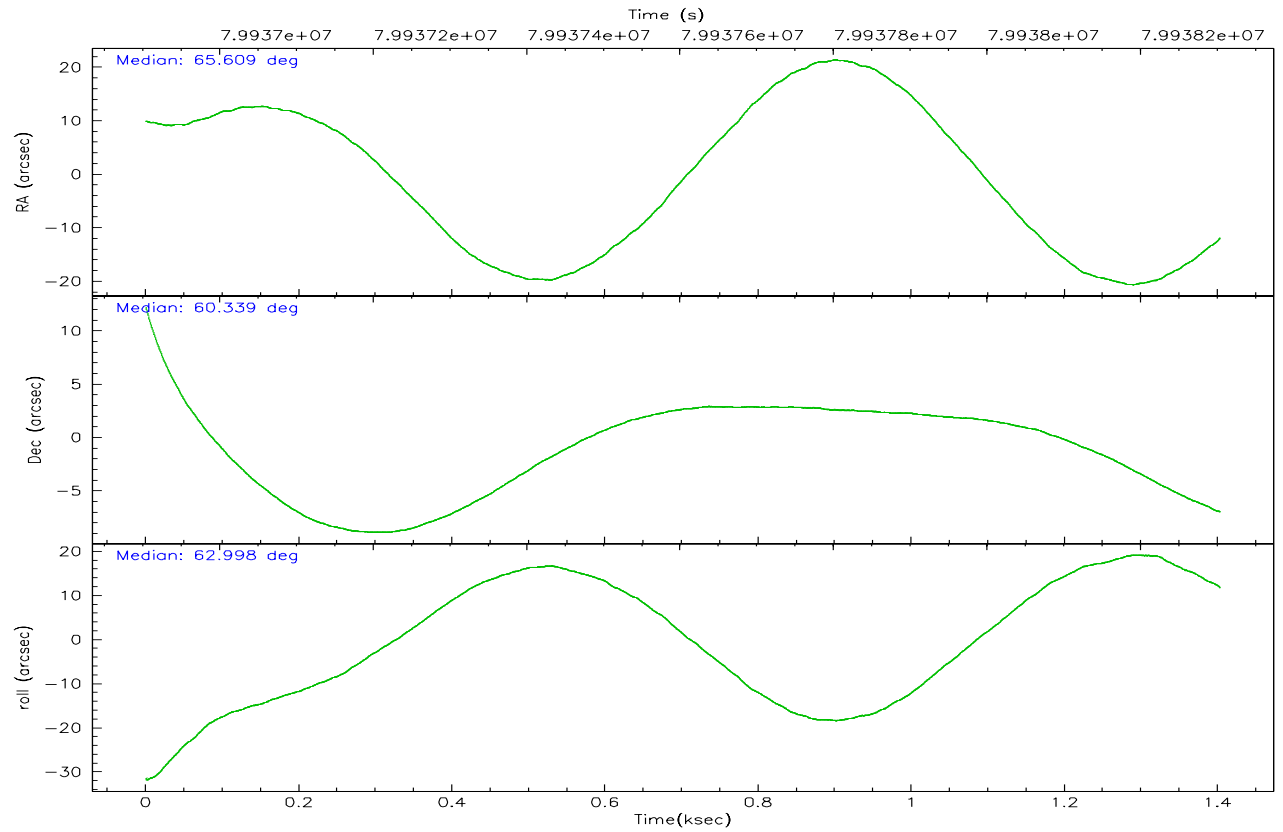
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	247	91	702	243	720	2211
	4%	2%	32%	4%	36%	21%
grade 1 events	5	1	70	4	3	21
	0%	0%	3%	0%	0%	0%
grade 2 events	90	20	459	77	466	561
	1%	0%	20%	1%	23%	5%
grade 3 events	31	31	140	28	192	1326
	0%	0%	6%	0%	9%	12%
grade 4 events	53	23	119	29	223	1164
	1%	0%	5%	0%	11%	11%
grade 5 events	4	4	116	2	42	77
	0%	0%	5%	0%	2%	0%
grade 6 events	21	15	90	8	173	905
	0%	0%	4%	0%	8%	8%
grade 7 events	4698	3872	494	4637	174	4115
	91%	95%	22%	92%	8%	39%

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	65.611838	65.60852629614877	Subarray requested	NONE	NONE
Pointing Dec	60.311045	60.33829882842279	Alternating exposures requested	N	N
Pointing Roll	62.824579	62.9976126871998	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	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	79937309.184000	79936223.644246			
Observation start date	2000-07-14T04:47:25	2000-07-14T04:30:23			
Observation end time	79938309.184000	79938442.769328			
Observation end date	2000-07-14T05:04:05	2000-07-14T05:07:22			
Read mode	TIMED	TIMED			

2.3 Aspect



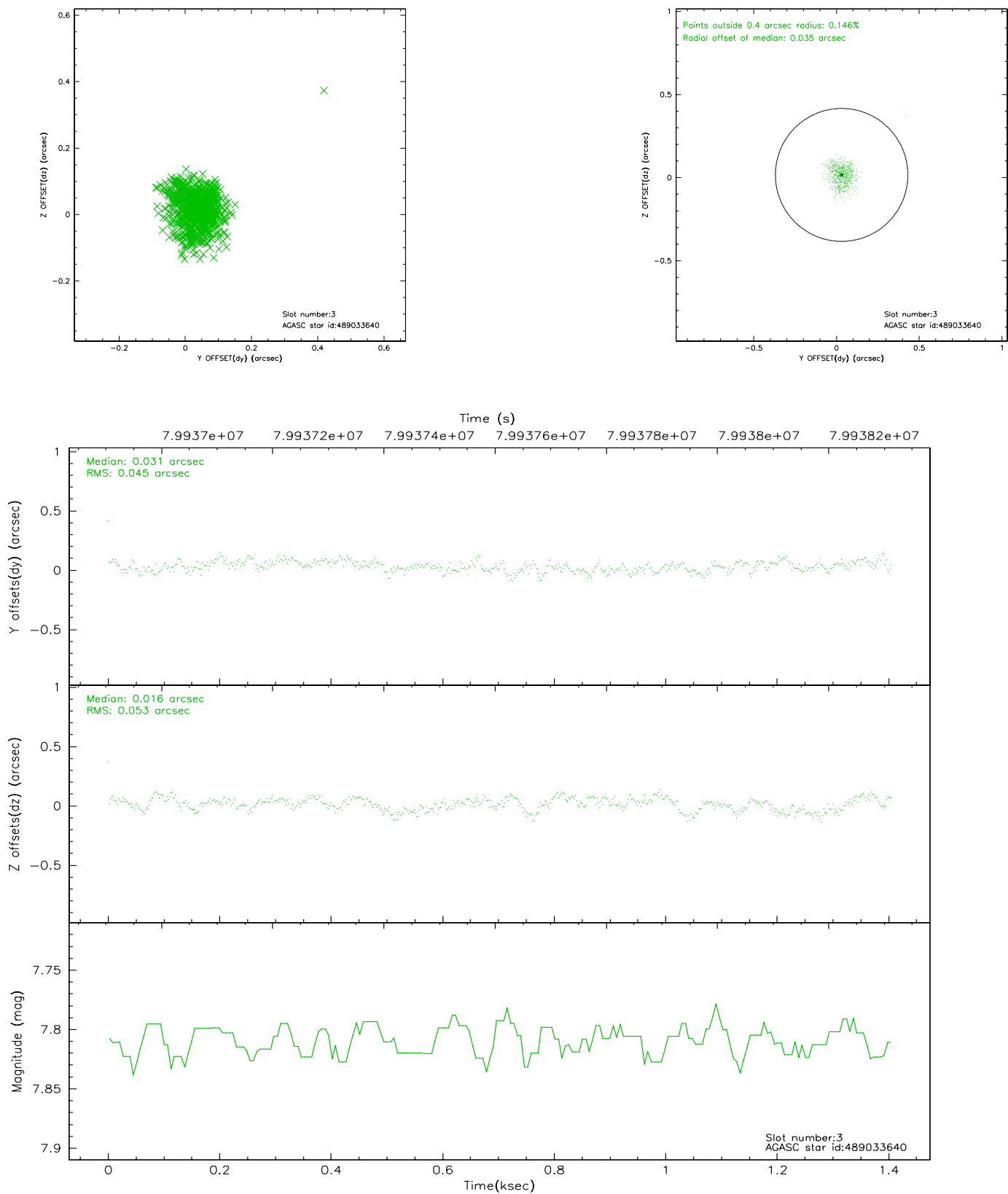


Slot Statistics

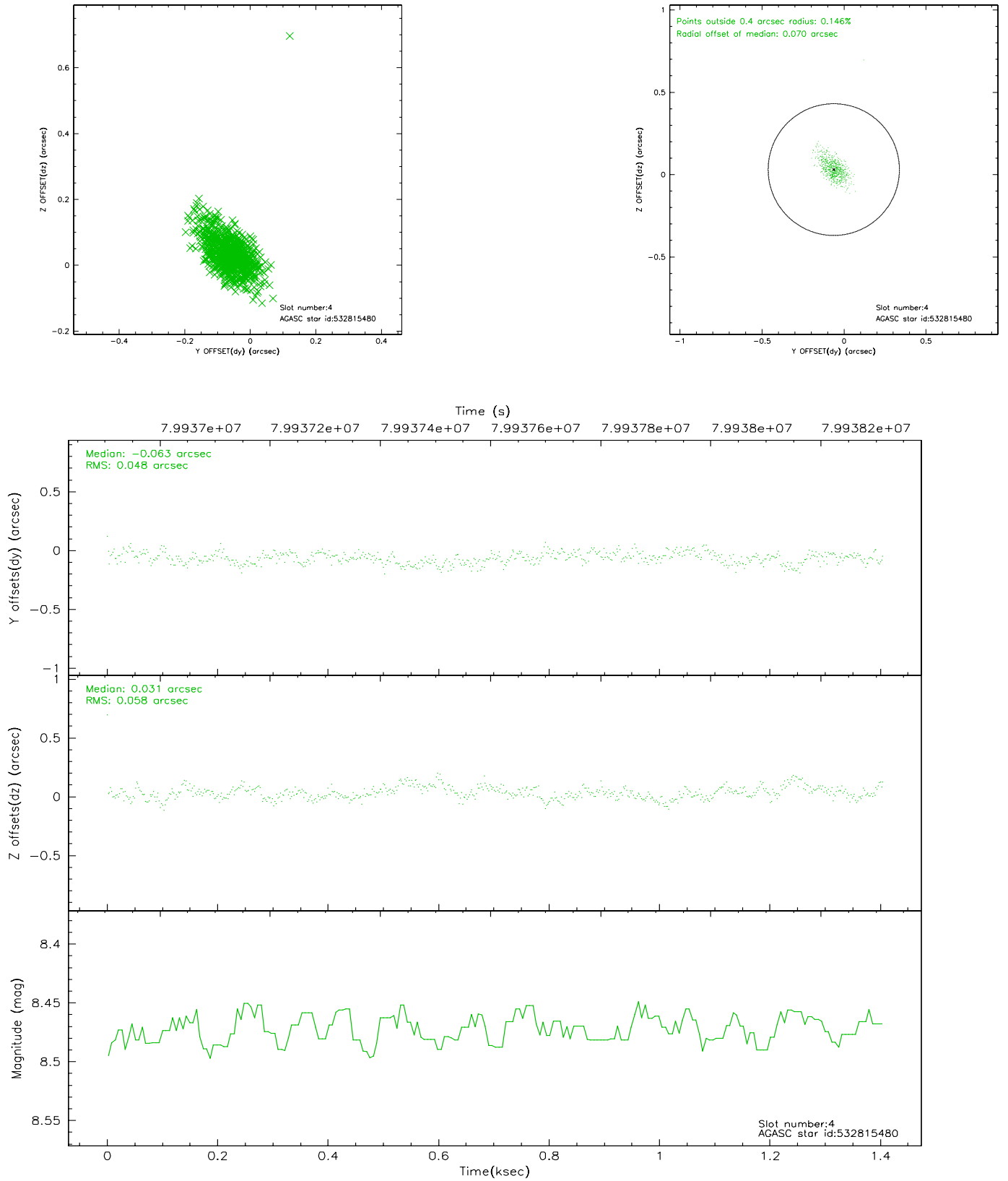
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	343	-0.035	0.017	0.006	0.009	0.000000	0.000000	-753.64	-1726.46
1	FID	ACIS-S-4	7.20	343	-0.022	0.012	0.005	0.009	0.000000	0.000000	2157.51	177.17
2	FID	ACIS-S-5	7.23	343	0.026	-0.020	0.006	0.010	0.000000	0.000000	-1800.34	176.15
3	GUIDE	489033640	7.81	686	0.031	0.016	0.073	0.111	65.894533	59.732568	-1617.77	-1407.36
4	GUIDE	532815480	8.47	686	-0.063	0.031	0.072	0.131	65.380825	60.792672	1355.53	1150.16
5	GUIDE	489032952	8.66	686	0.068	0.113	0.071	0.115	65.322332	59.901155	-1548.51	-207.07
6	GUIDE	532820840	9.21	686	-0.050	-0.049	0.090	0.152	65.827585	60.819790	1800.53	498.33
7	GUIDE	532808640	9.50	685	0.022	-0.108	0.099	0.170	65.235766	60.163854	-774.70	358.08

2.4 Star Slots

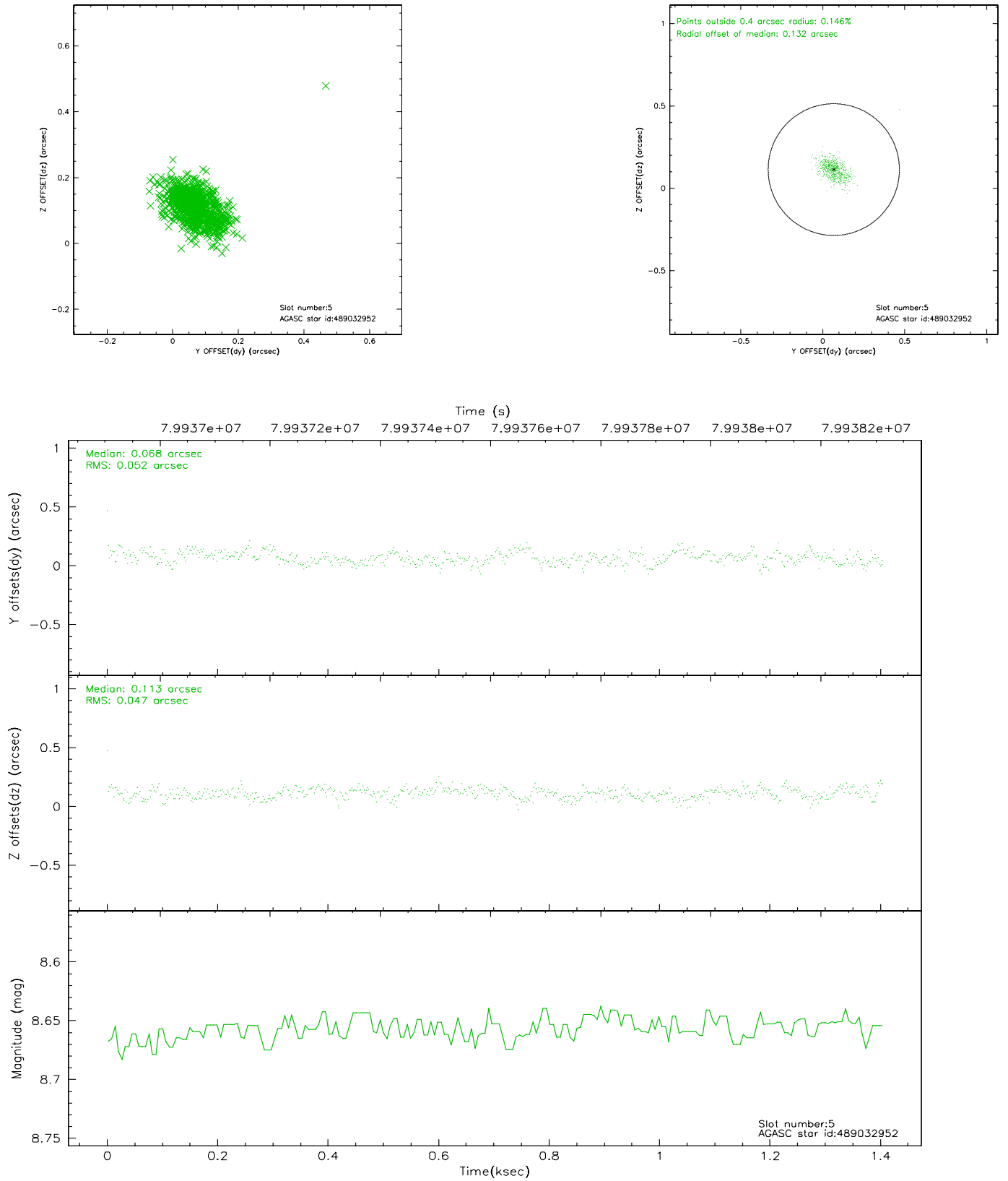
2.4.1 Slot 3



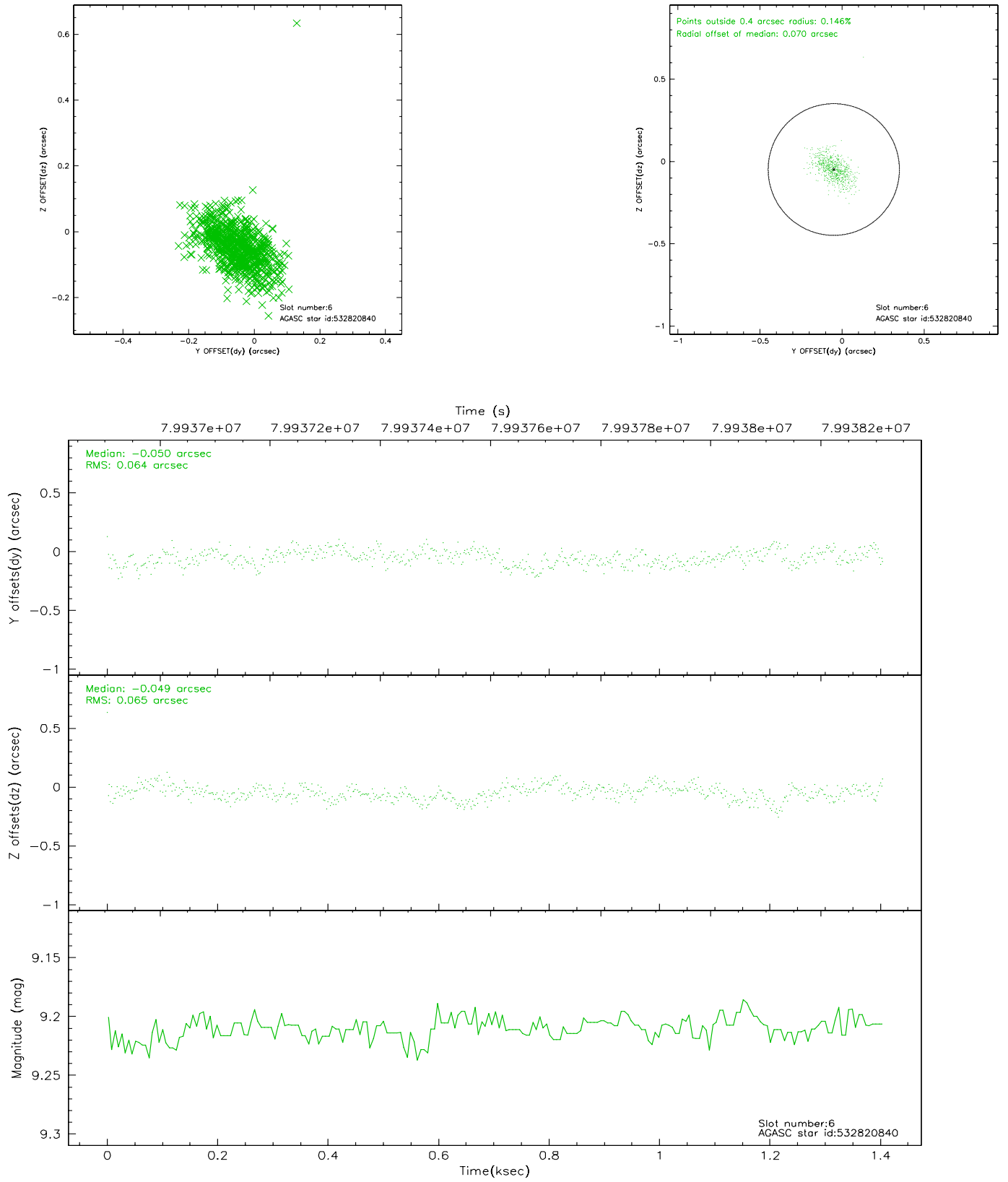
2.4.2 Slot 4



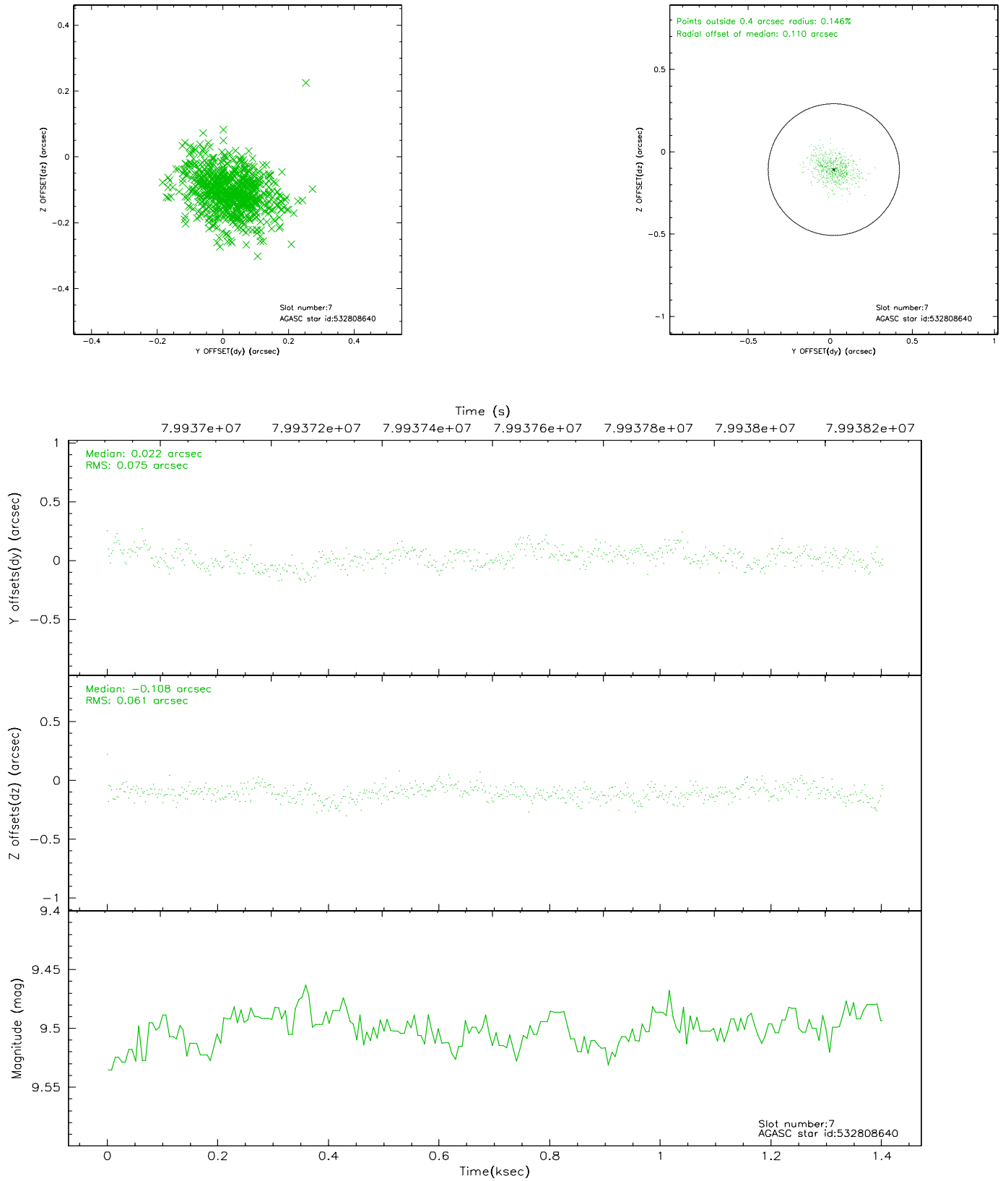
2.4.3 Slot 5



2.4.4 Slot 6

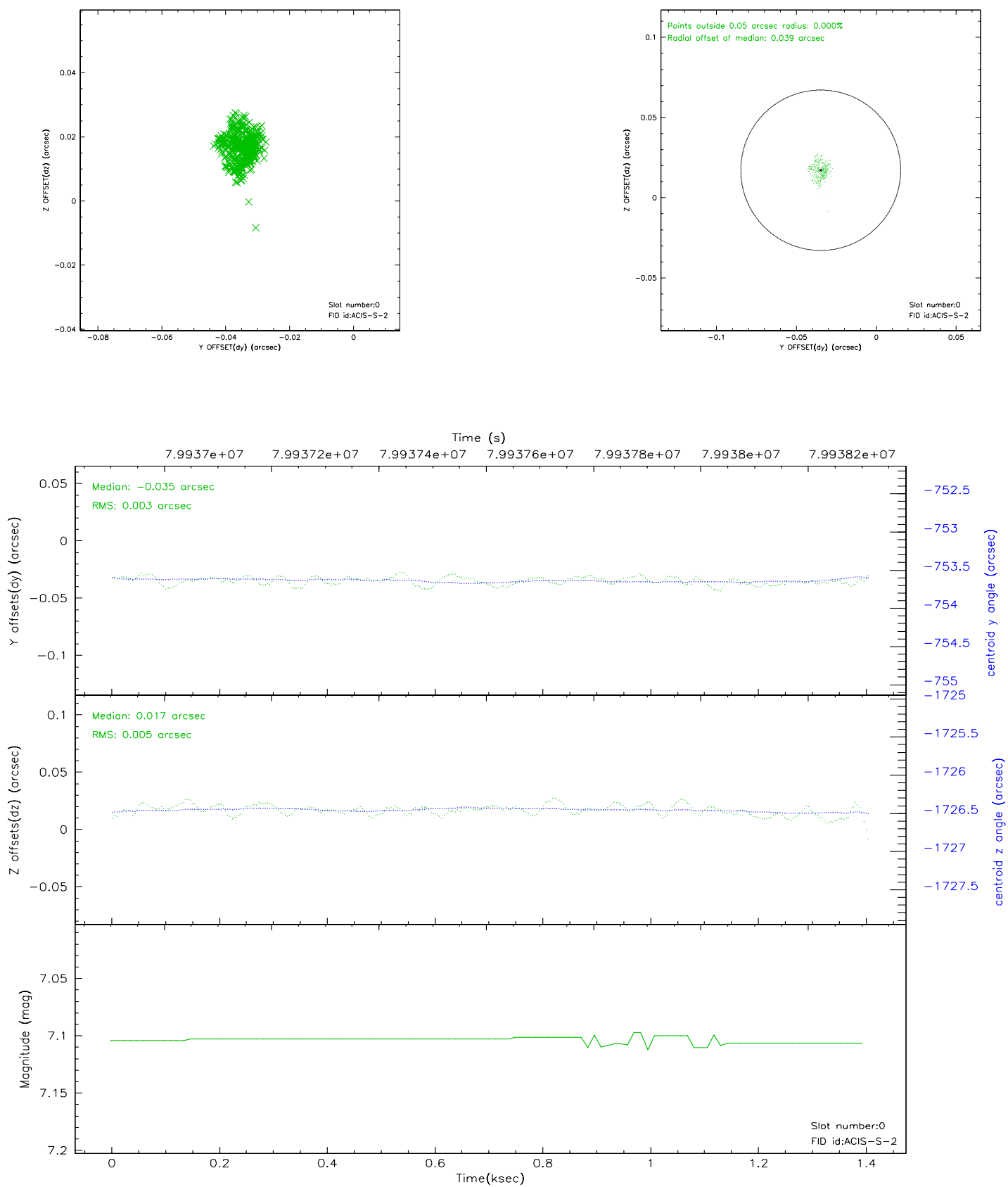


2.4.5 Slot 7

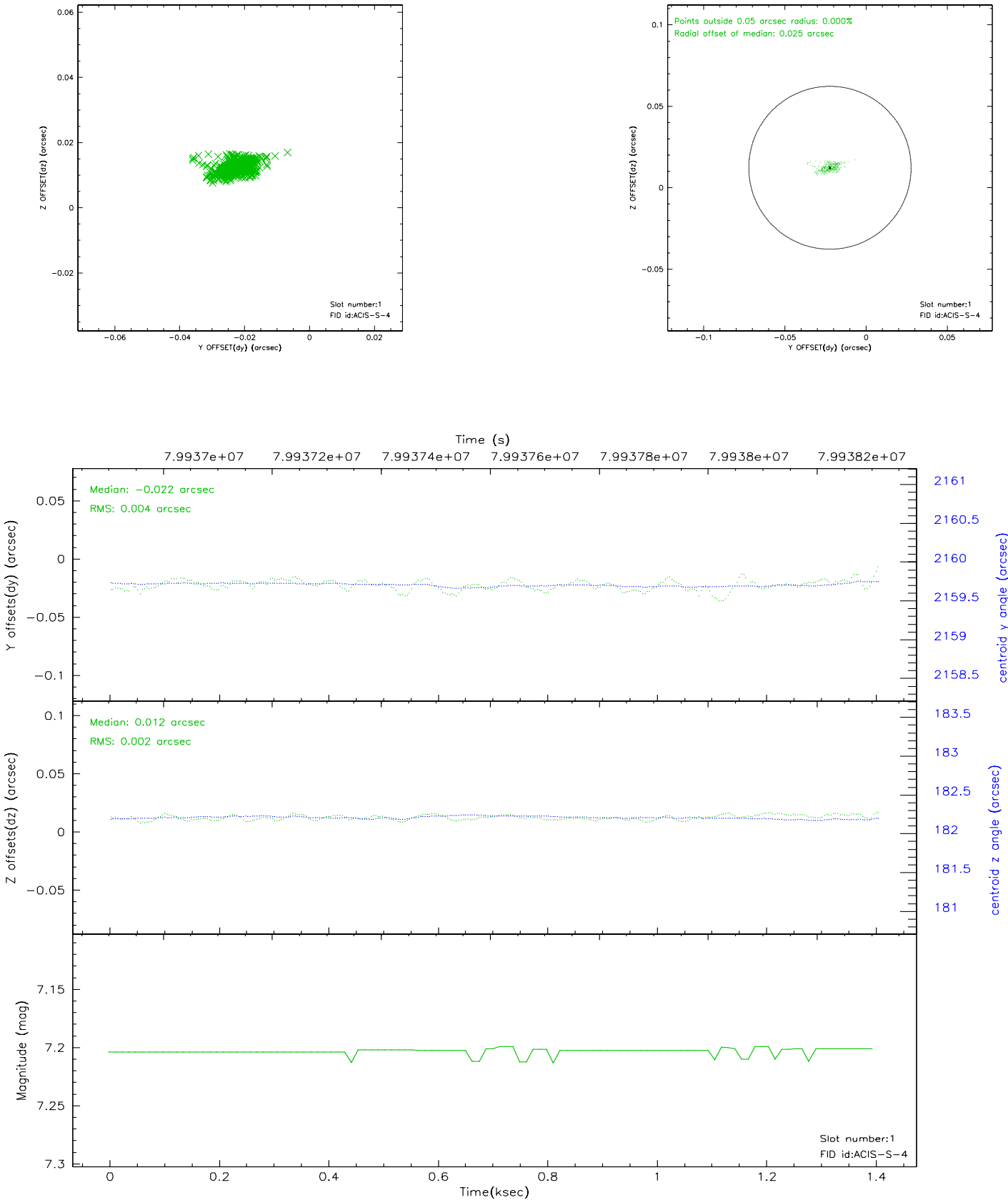


2.5 FID Slots

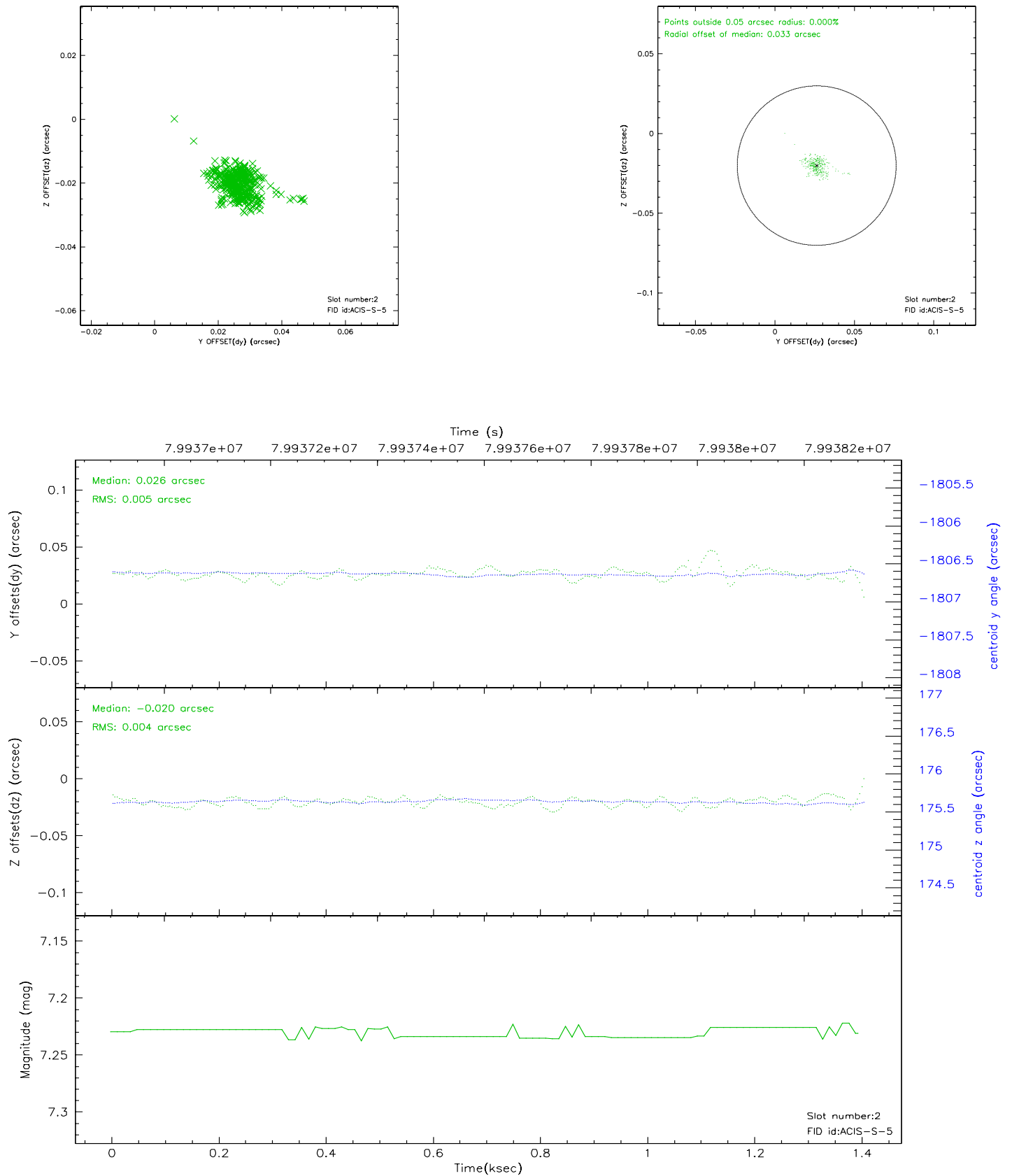
2.5.1 Slot 0



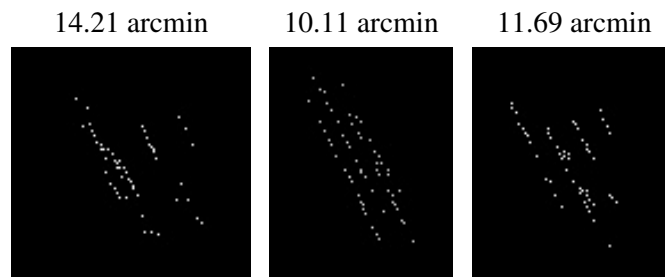
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.05.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.96

A.2 Comments