

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 1749 - L2 Version 001
Chandra X-Ray Center

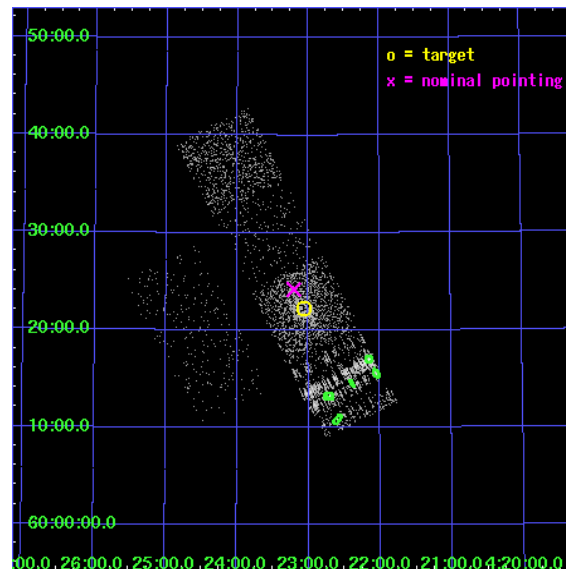
L2 Processing Date : May 30 2007

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1 Front

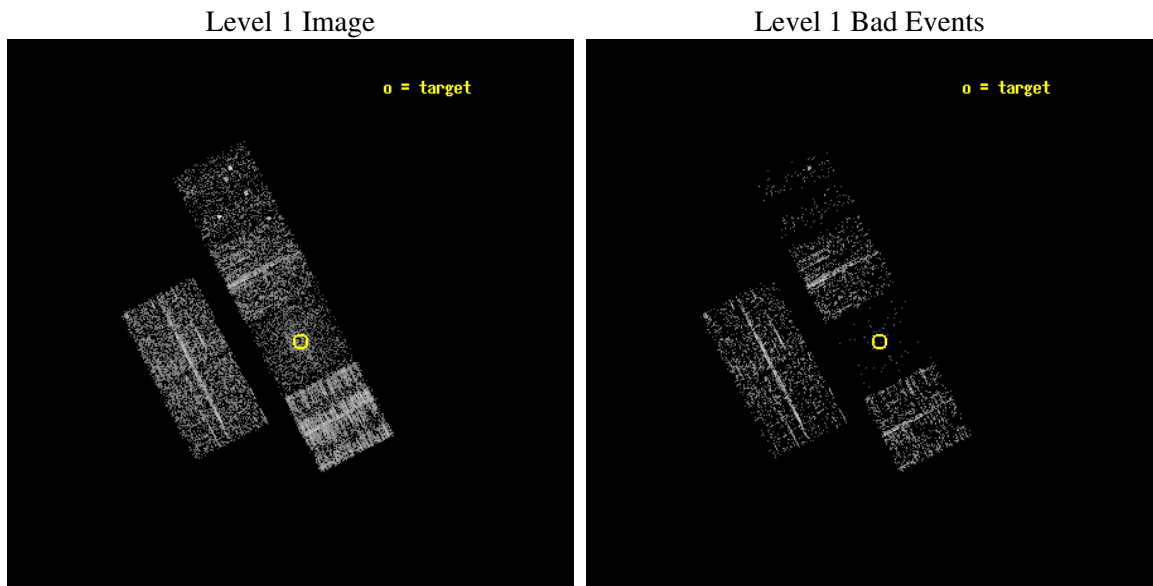
seq_num	100002
obs_id	1749
title	AXAF LOW ENERGY SPECTROSCOPY AND PHOTOMETRIC IMAGING OF COMETARY X-RAY EMISSION FROM COMET P/TEMPEL 2
observer	Dr. Carey Lisse
object	LINEAR 1999 S4
dtcycle	0
cycle	P
ra_targ	65.76345
dec_targ	60.37076
ra_nom	65.800892544212
dec_nom	60.403184581975
roll_nom	62.784695266456
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	5591



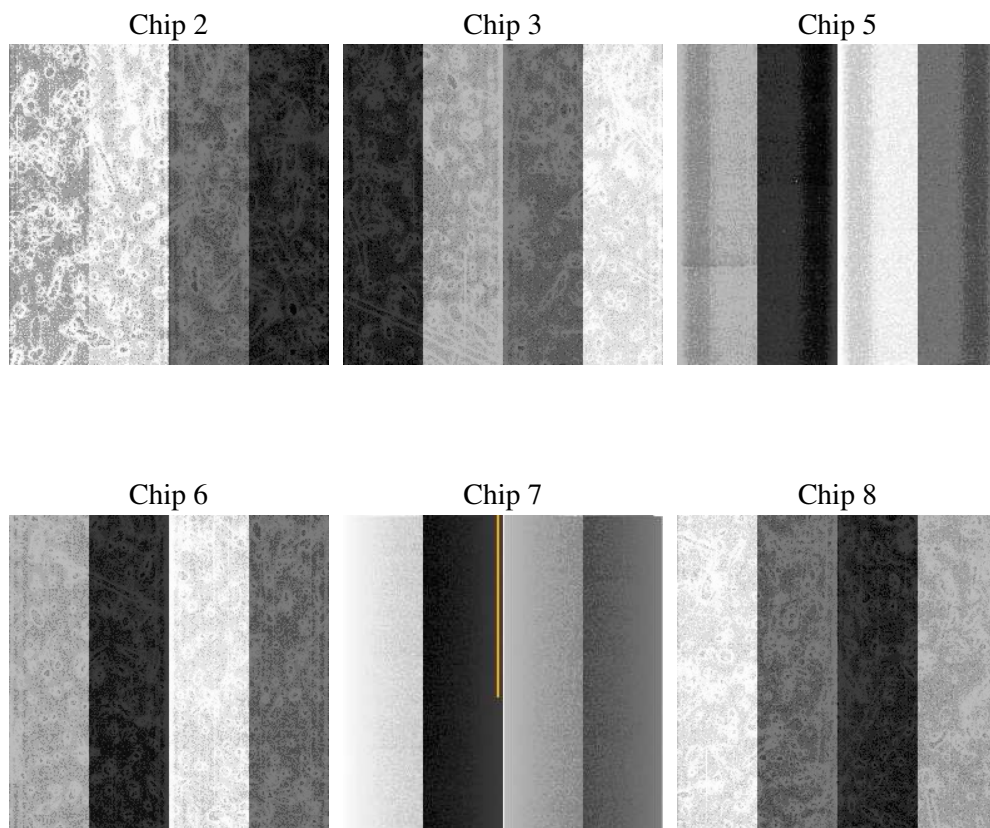
2 OBI

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	2007-05-30T18:48:16
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	36227

2.1.4 Events

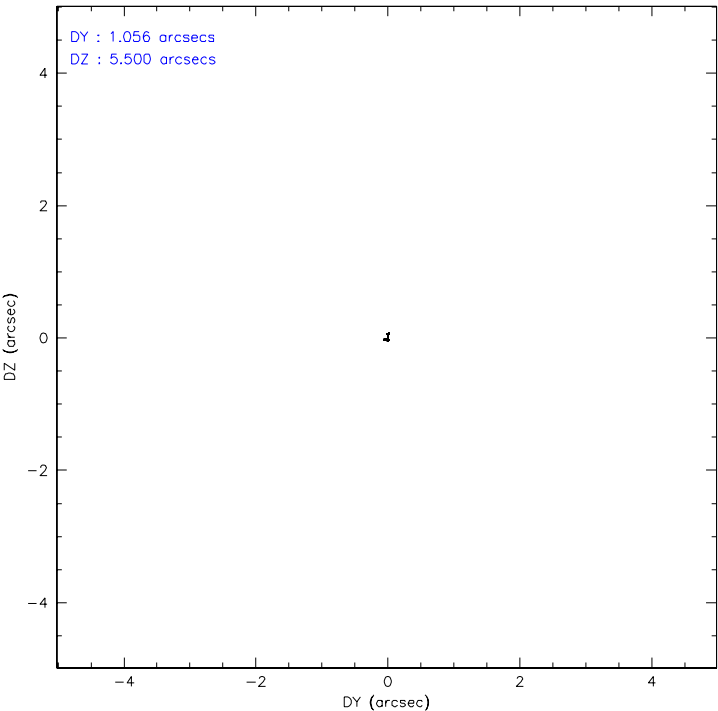
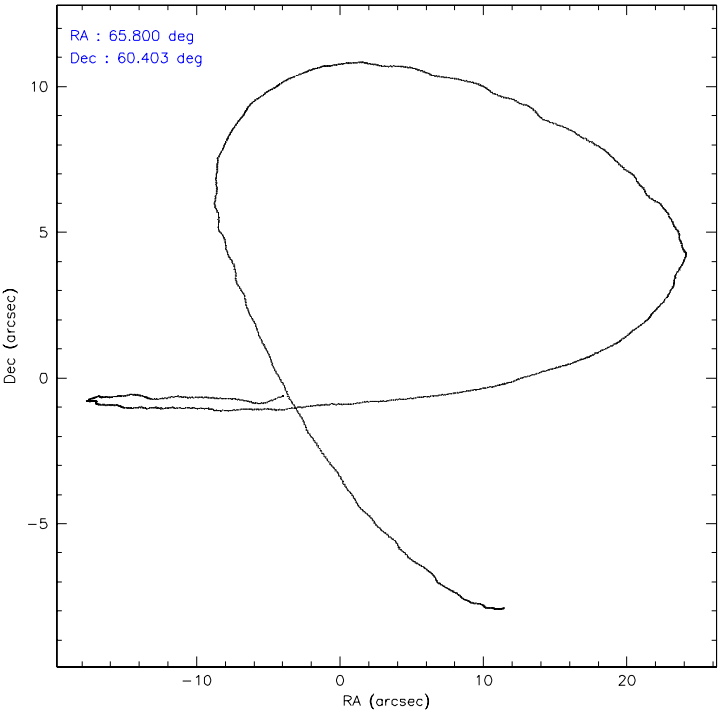
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	6446	5703	2683	5888	2650	12857
rejected events	6001	5548	1216	5509	793	6977
rejected %	93%	97%	45%	93%	29%	54%

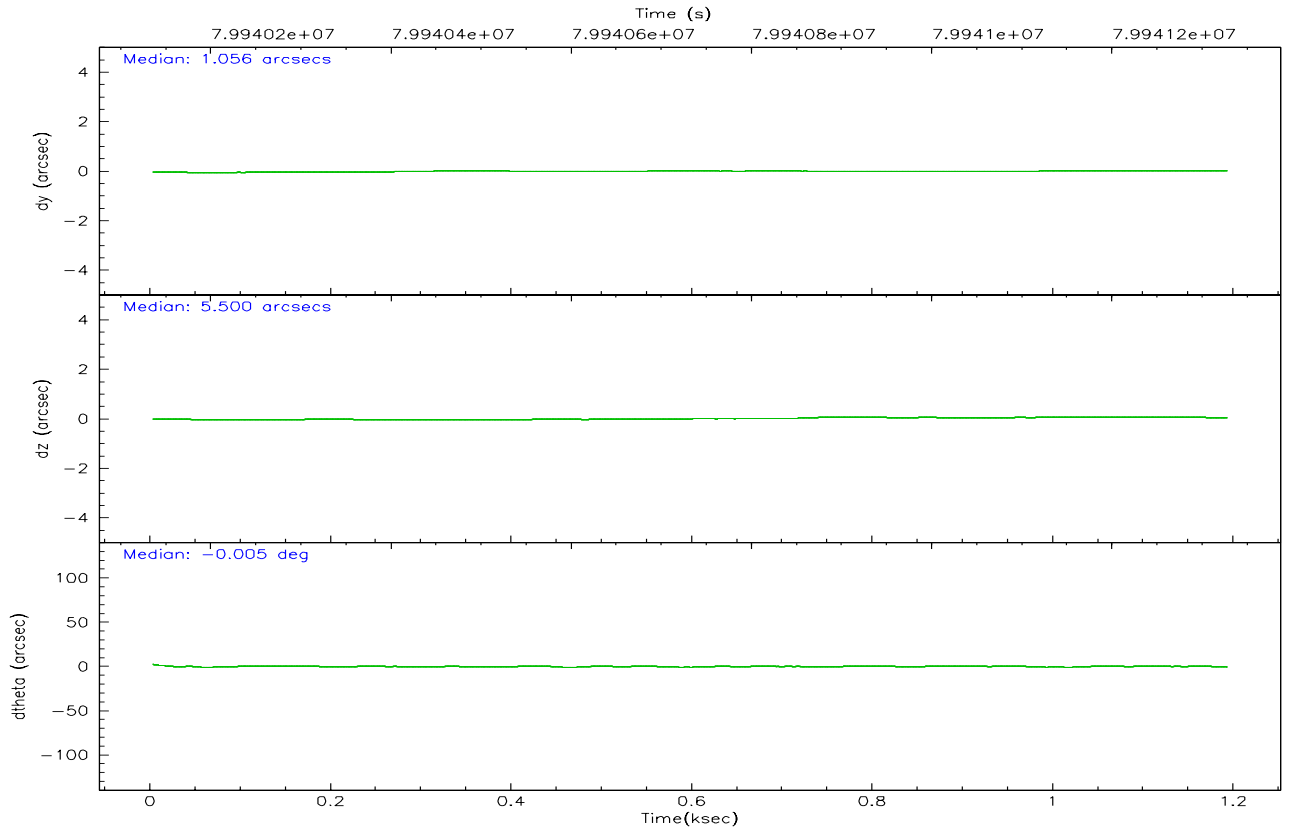
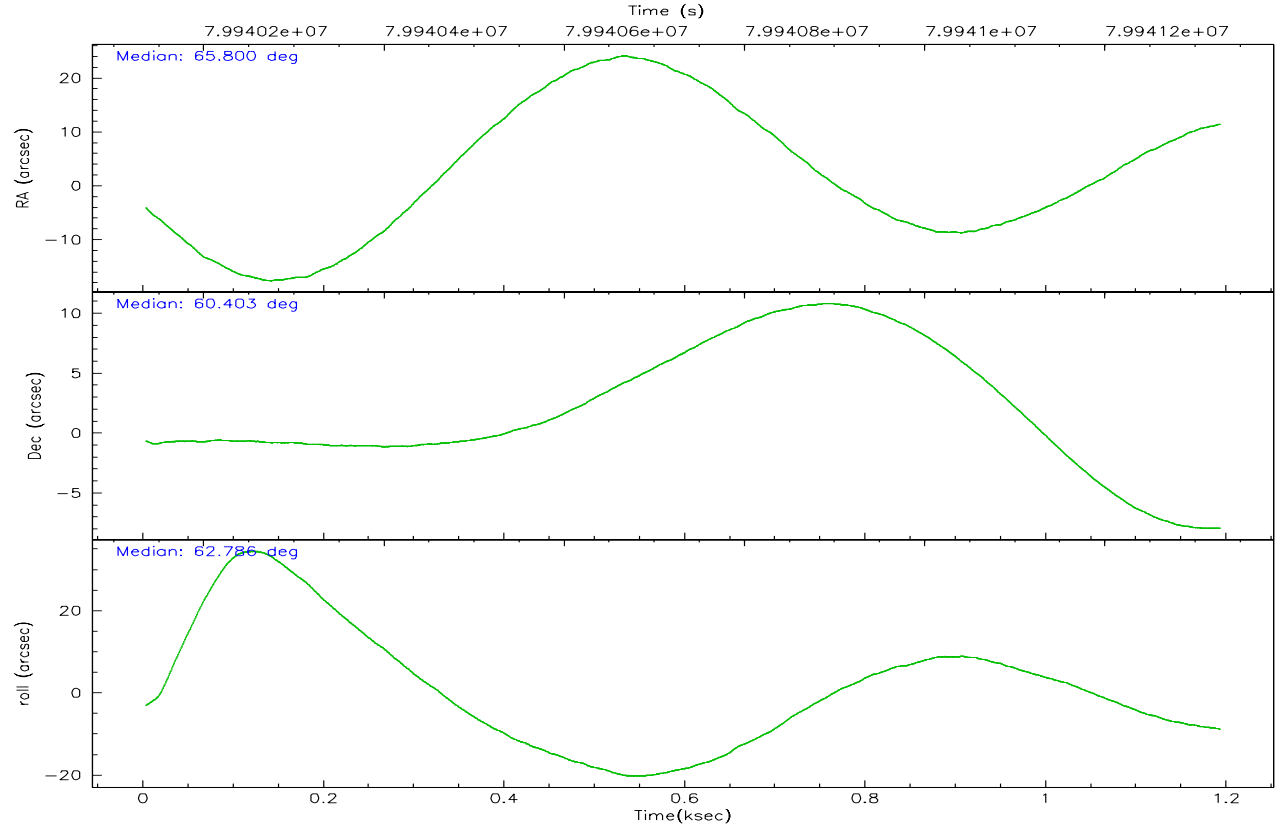
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	299	115	891	295	1009	2700
	4%	2%	33%	5%	38%	21%
grade 1 events	2	2	20	3	1	26
	0%	0%	0%	0%	0%	0%
grade 2 events	144	23	514	91	618	724
	2%	0%	19%	1%	23%	5%
grade 3 events	32	30	158	32	297	1475
	0%	0%	5%	0%	11%	11%
grade 4 events	48	30	161	30	252	1289
	0%	0%	6%	0%	9%	10%
grade 5 events	12	6	112	2	55	85
	0%	0%	4%	0%	2%	0%
grade 6 events	39	7	123	21	235	1172
	0%	0%	4%	0%	8%	9%
grade 7 events	5870	5490	704	5414	183	5386
	91%	96%	26%	91%	6%	41%

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	65.804616	65.80089254421237	Subarray requested	NONE	NONE
Pointing Dec	60.376003	60.40318458197542	Alternating exposures requested	N	N
Pointing Roll	62.624853	62.78469526645609	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	79940329.184000	79939953.106884			
Observation start date	2000-07-14T05:37:45	2000-07-14T05:32:33			
Observation end time	79941329.184000	79941463.44444001			
Observation end date	2000-07-14T05:54:25	2000-07-14T05:57:43			
Read mode	TIMED	TIMED			

2.3 Aspect



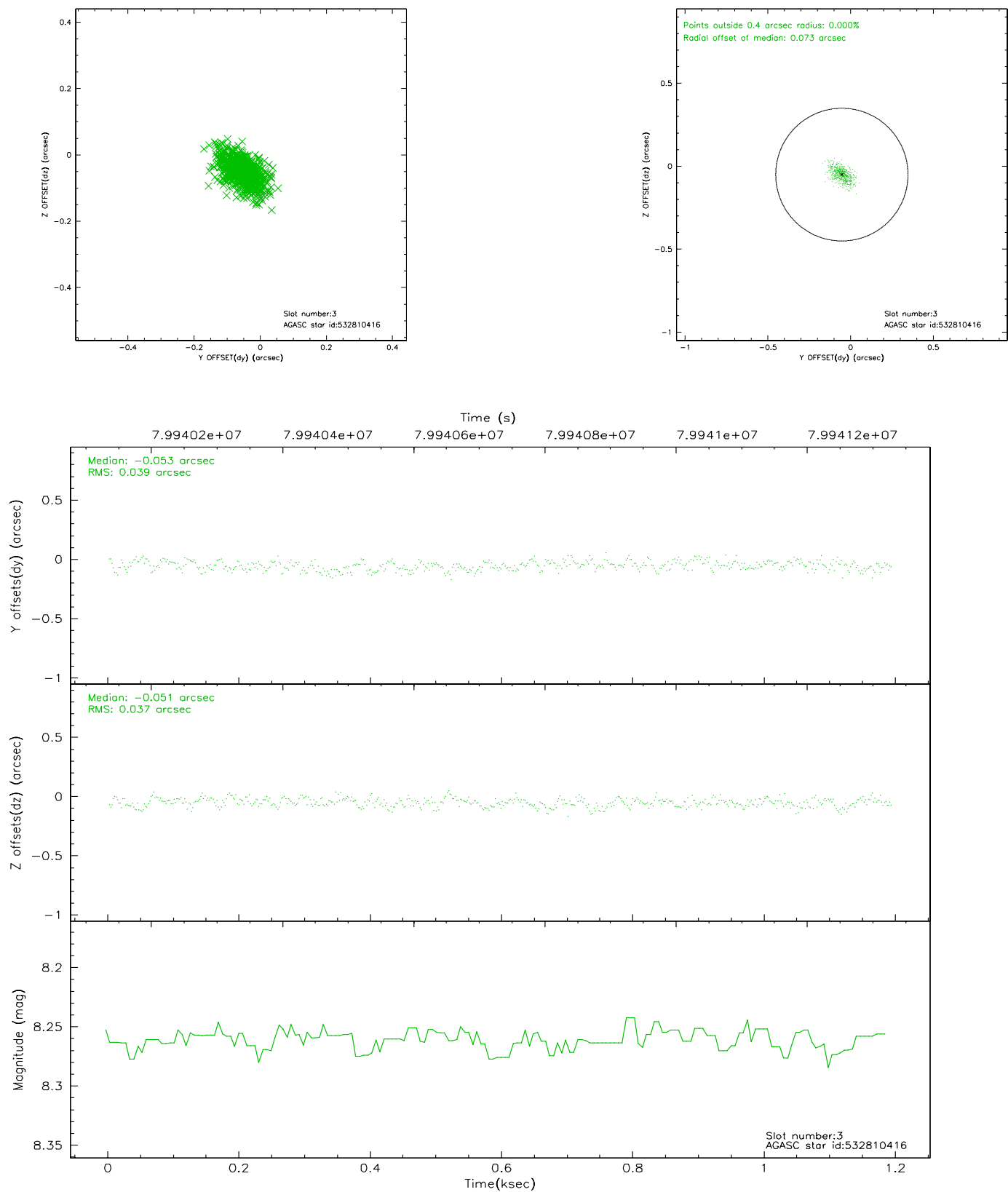


Slot Statistics

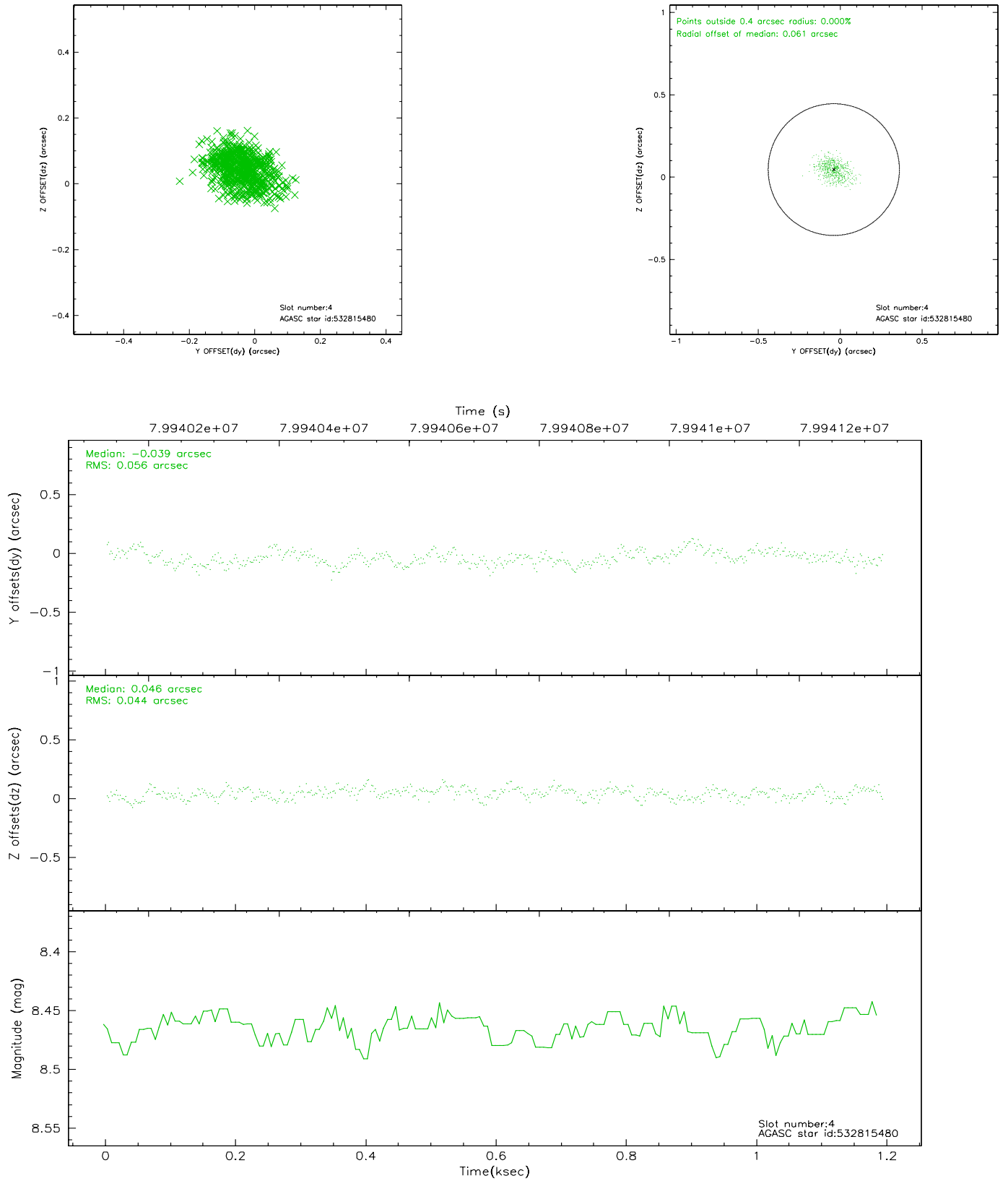
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	291	-0.035	0.020	0.007	0.010	0.000000	0.000000	-753.65	-1726.62
1	FID	ACIS-S-4	7.21	291	-0.025	0.011	0.005	0.010	0.000000	0.000000	2157.09	176.11
2	FID	ACIS-S-5	7.23	291	0.028	-0.023	0.006	0.010	0.000000	0.000000	-1799.24	176.07
3	GUIDE	532810416	8.26	582	-0.053	-0.051	0.057	0.096	65.589506	60.260431	-545.00	148.36
4	GUIDE	532815480	8.47	582	-0.039	0.046	0.077	0.124	65.380825	60.792672	991.51	1350.51
5	GUIDE	489032152	8.89	582	0.070	0.118	0.067	0.111	66.116960	59.873927	-1342.05	-1330.93
6	GUIDE	532820840	9.19	579	0.008	-0.065	0.084	0.139	65.827585	60.819790	1435.53	694.67
7	GUIDE	532808640	9.51	581	0.019	-0.036	0.088	0.143	65.235766	60.163854	-1139.71	555.00

2.4 Star Slots

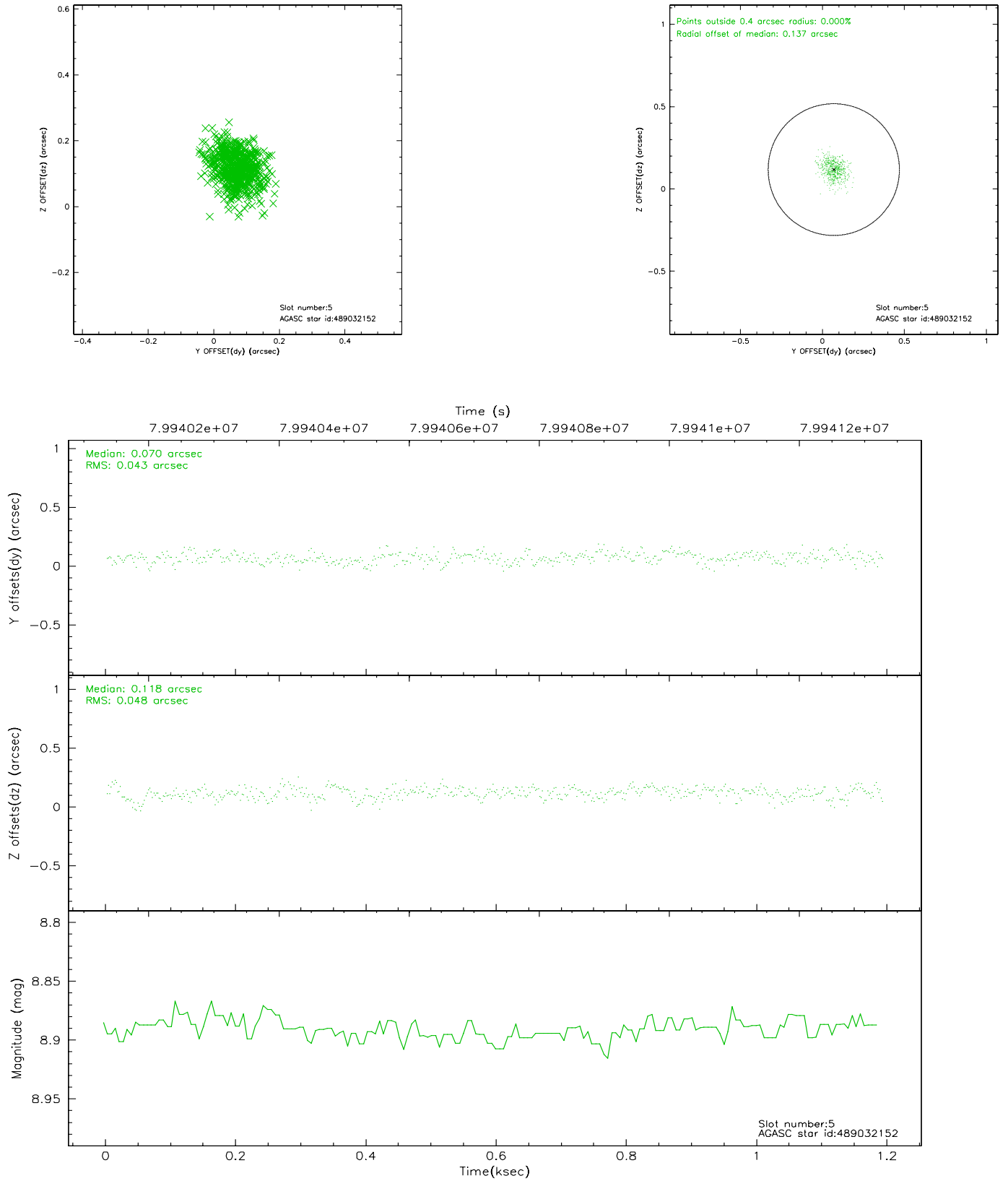
2.4.1 Slot 3



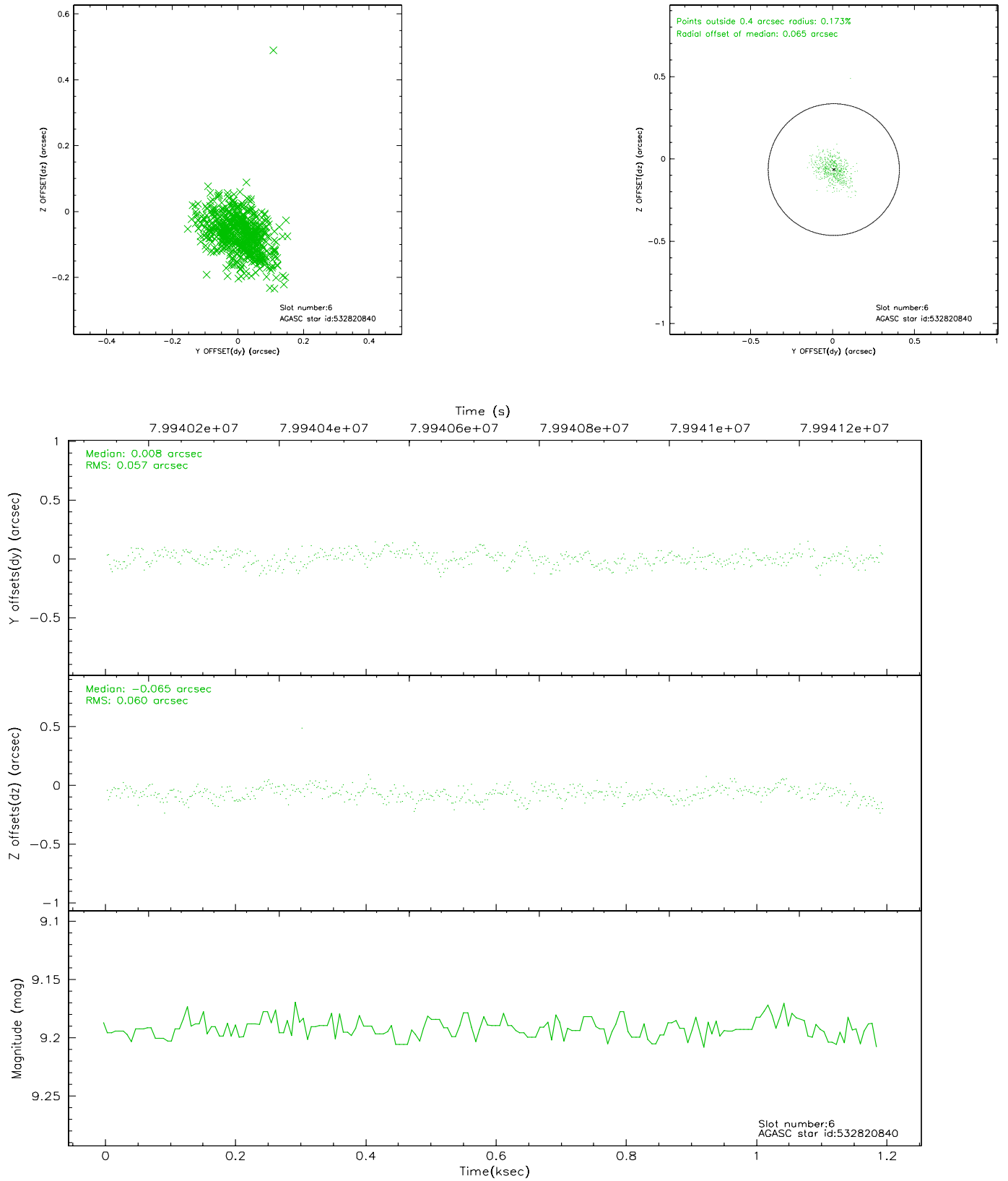
2.4.2 Slot 4



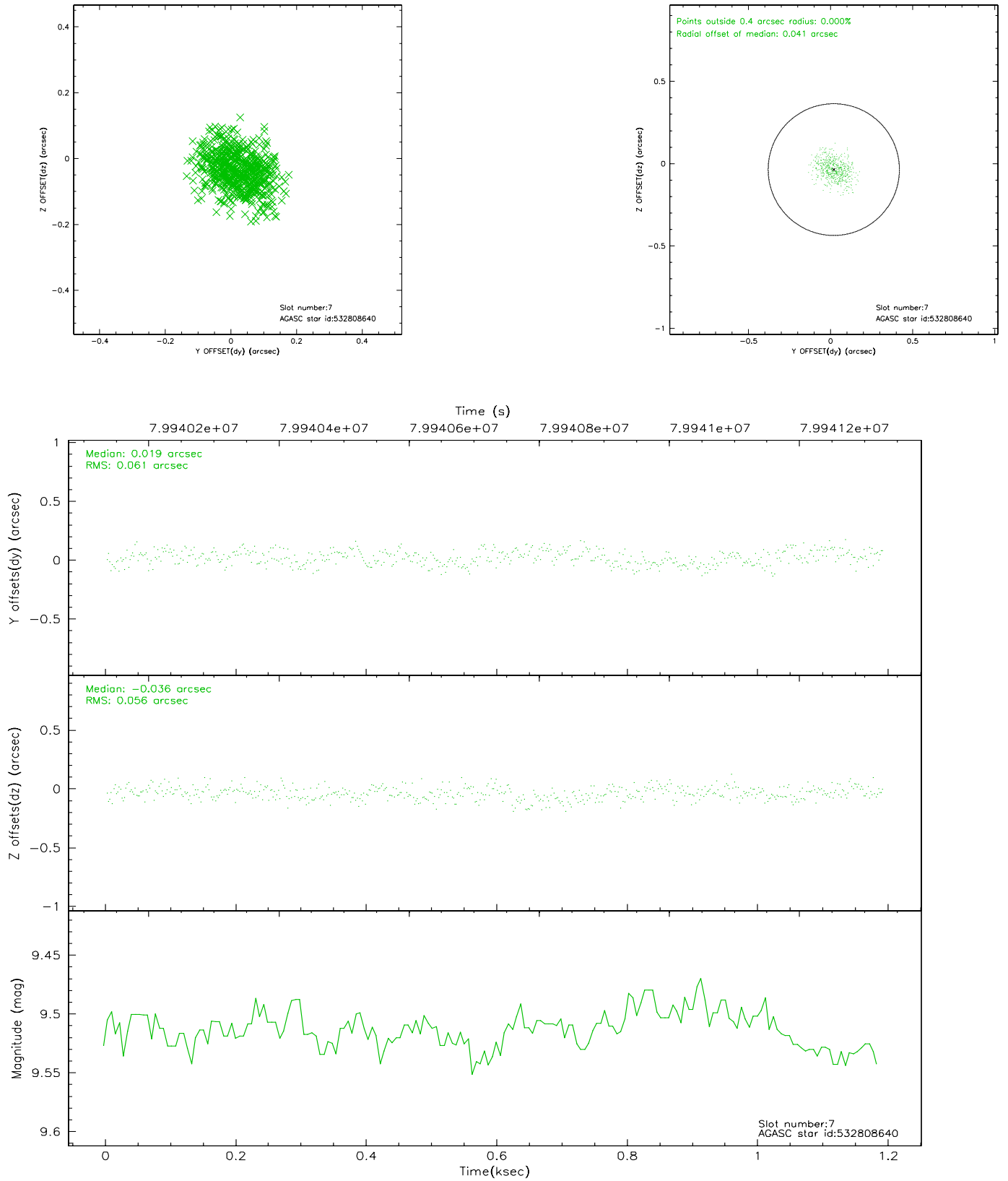
2.4.3 Slot 5



2.4.4 Slot 6

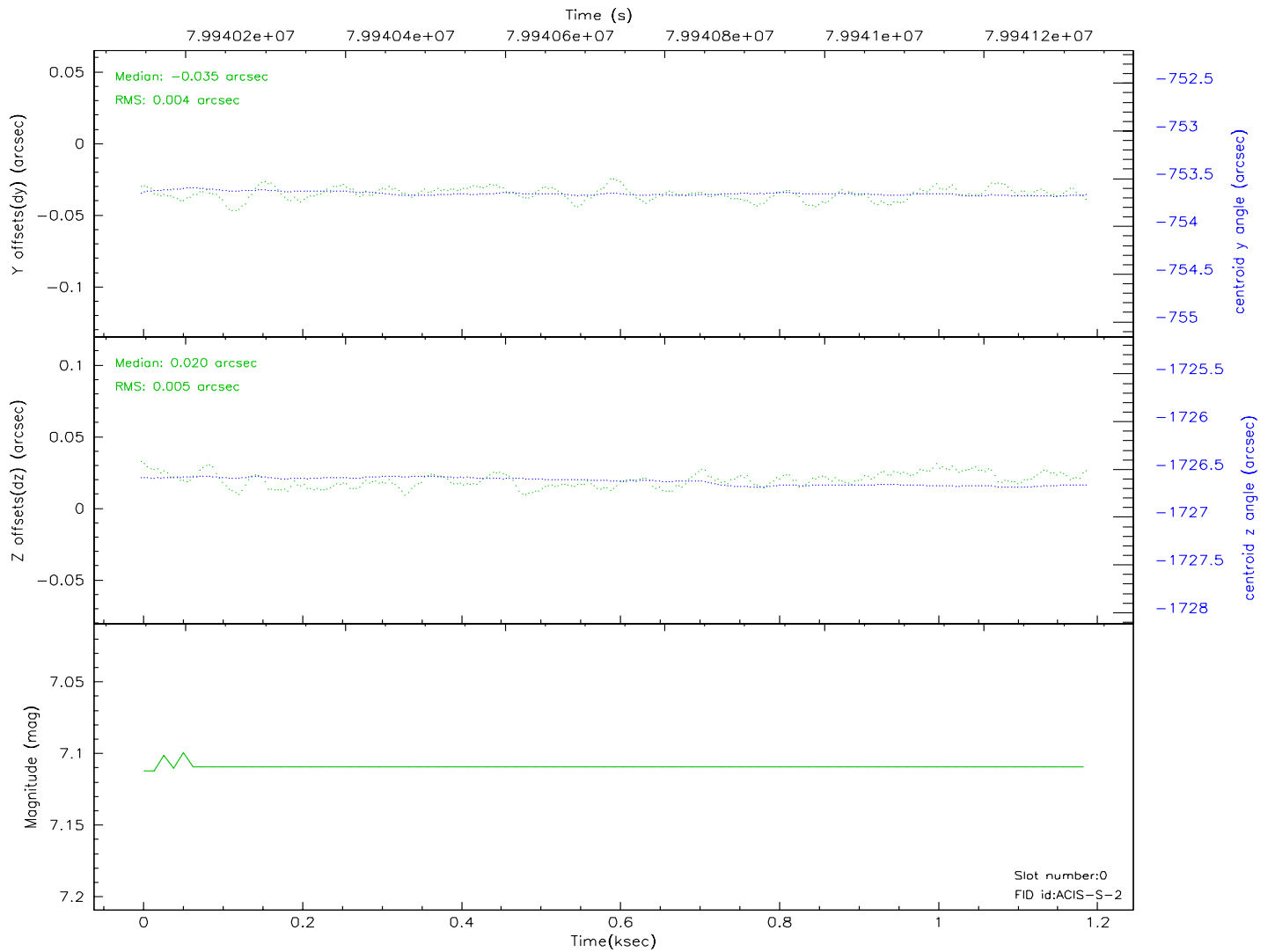
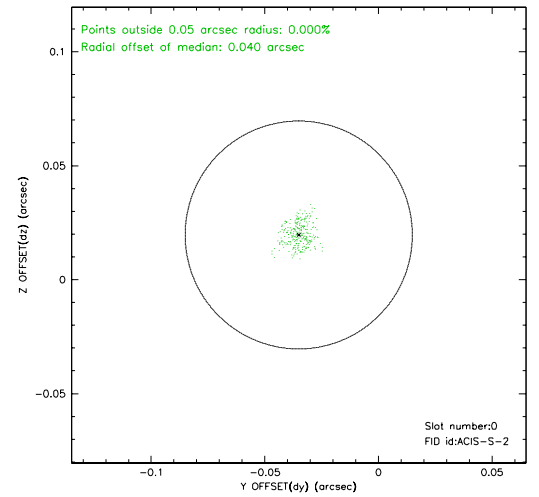
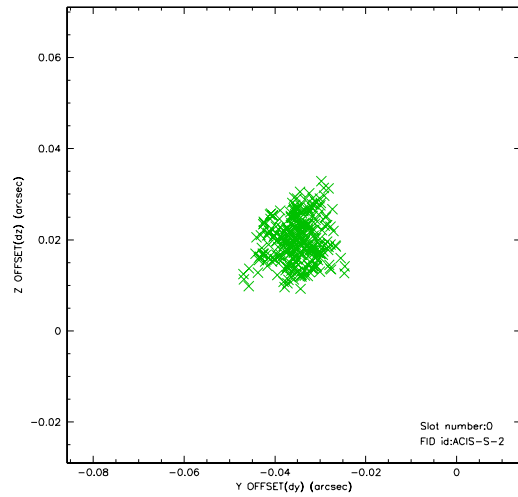


2.4.5 Slot 7

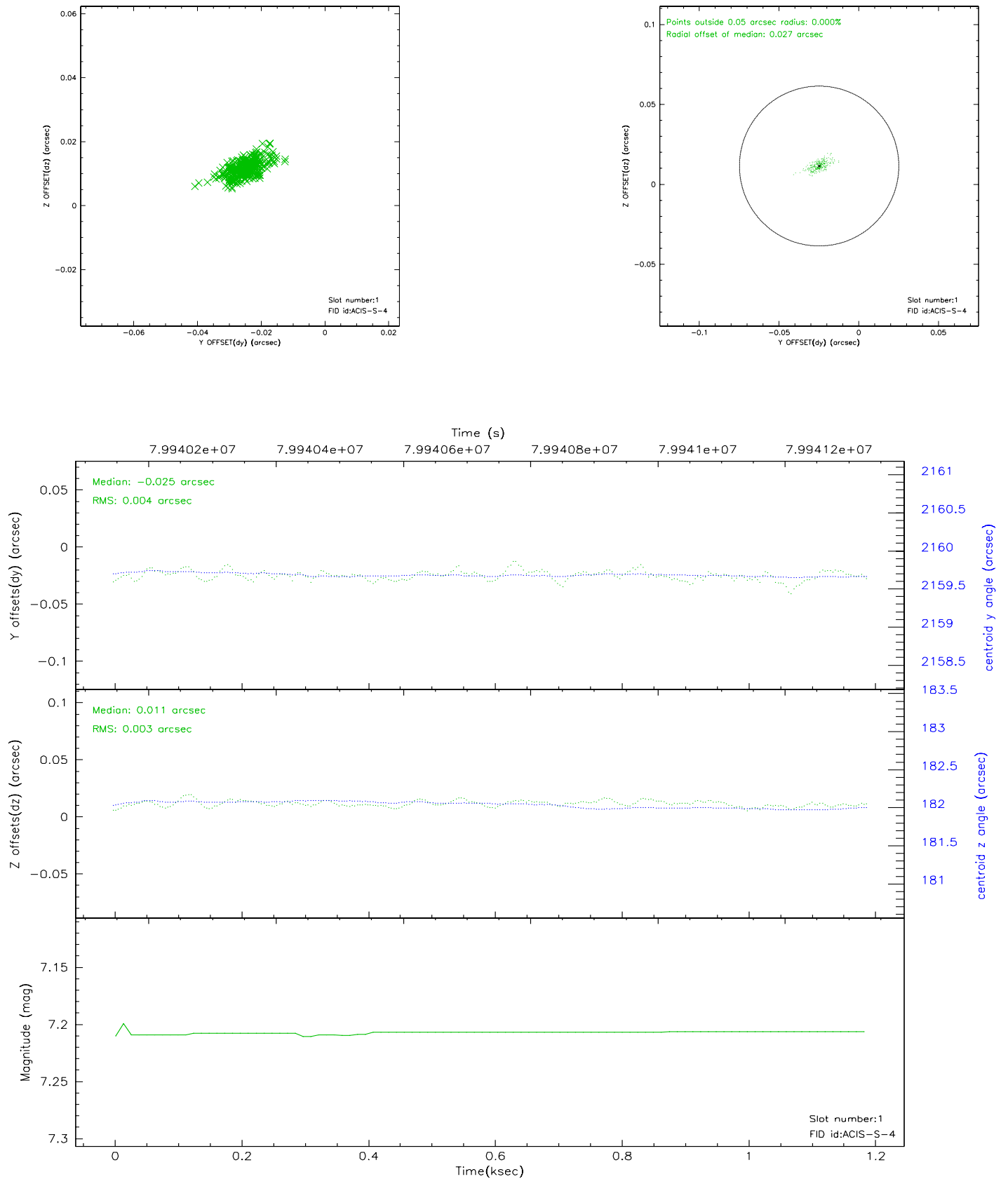


2.5 FID Slots

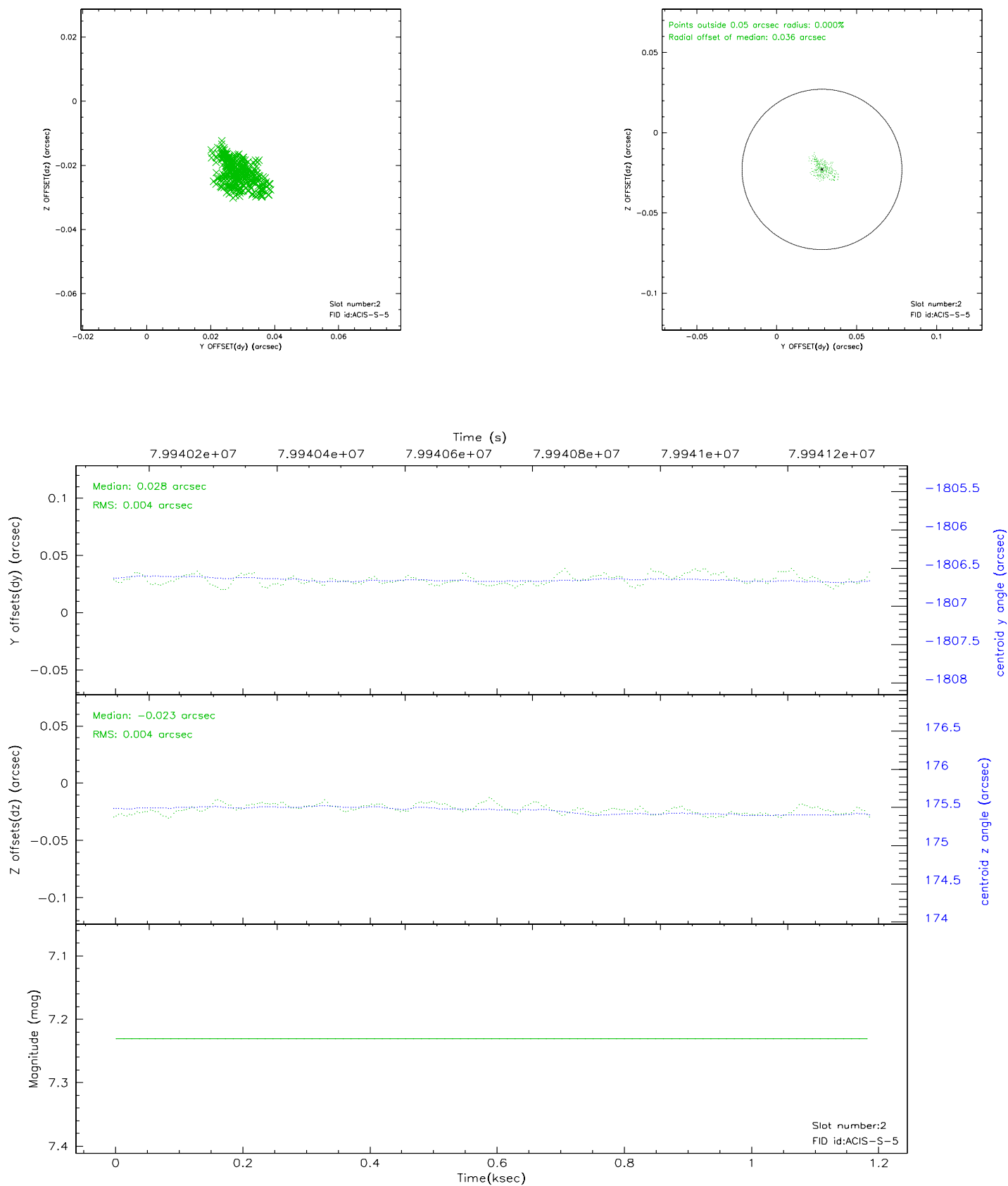
2.5.1 Slot 0



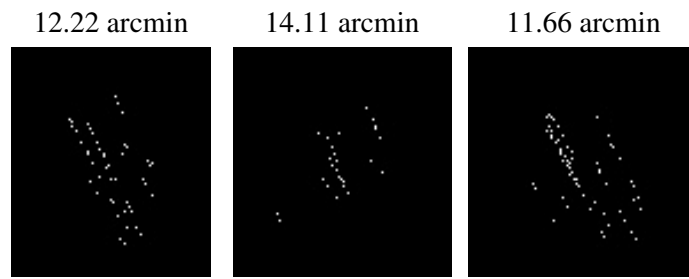
2.5.2 Slot 1



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	1.19

A.2 Comments