

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4807 - L2 Version 001
Chandra X-Ray Center

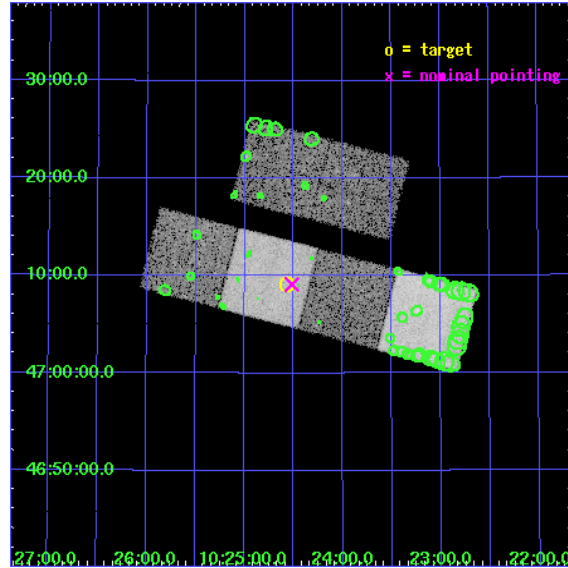
L2 Processing Date : May 31 2006

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1 Front

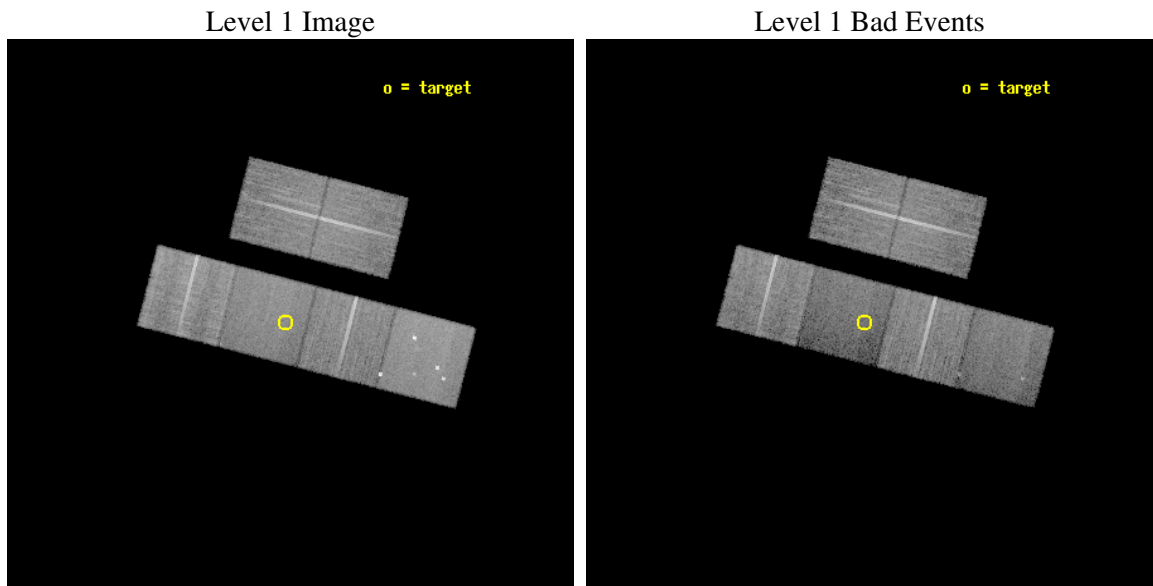
seq_num	700890
obs_id	4807
title	A Chandra observation of the $z=2.286$ Seyfert 2 galaxy FSC10214+4724: Constraints on AGNs in typical submm galaxies
observer	Dr David Alexander
object	FSC 10214+4724
dtcycle	0
cycle	P
ra_targ	156.14375
dec_targ	47.152722
ra_nom	156.12960213851
dec_nom	47.15198005615
roll_nom	194.40860438296
revision	2
ontime	21708.799919128
livetime	21433.910023082
ontime2	21708.799919128
ontime3	21708.799919128
ontime5	21708.799919128
ontime6	21705.55890891
ontime7	21708.799919128
ontime8	21708.799919128
l2events	148988



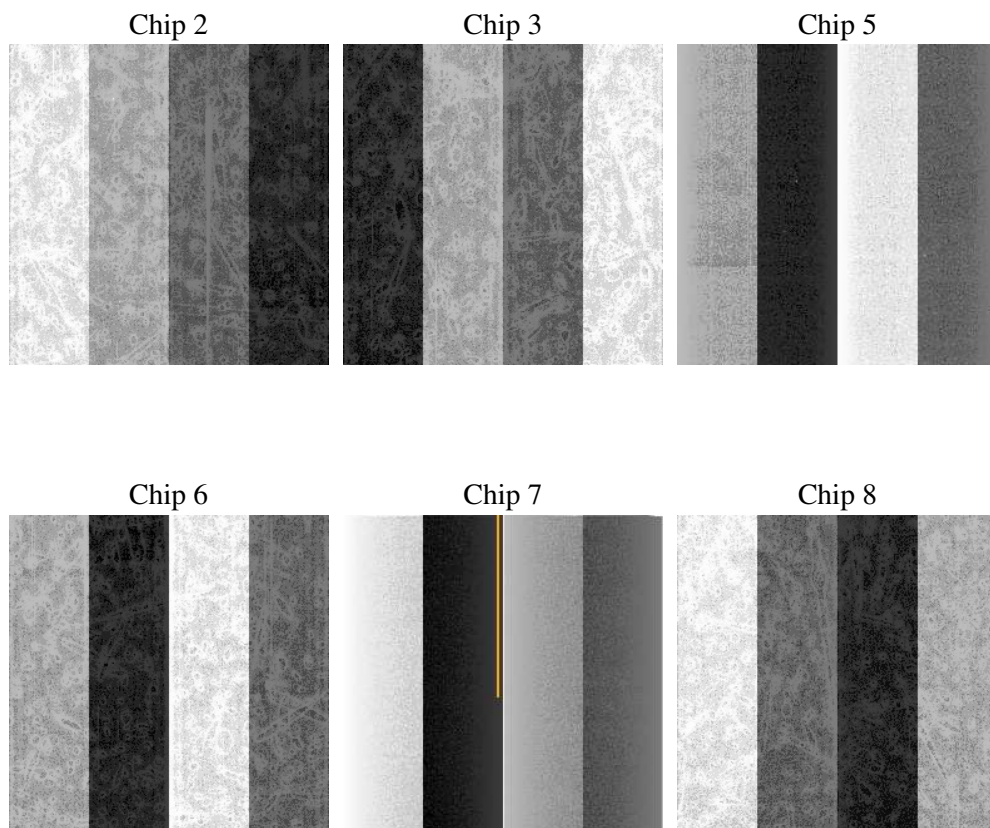
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	3
ascdsver	7.6.7.2
caldsver	3.2.2
date	2006-05-31T11:16:47
revision	2

sched_exp_time	21524.000000
ontime	21799.039615899
ontime2	21799.039615899
ontime3	21799.039615899
ontime5	21799.039635807
ontime6	21795.79860568
ontime7	21799.039615899
ontime8	21799.039615899
l1events	722830

2.1.4 Events

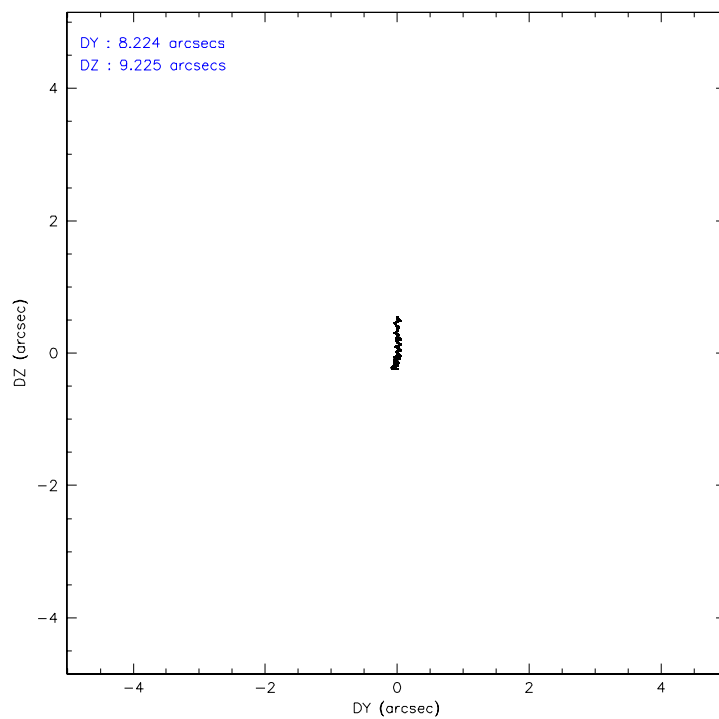
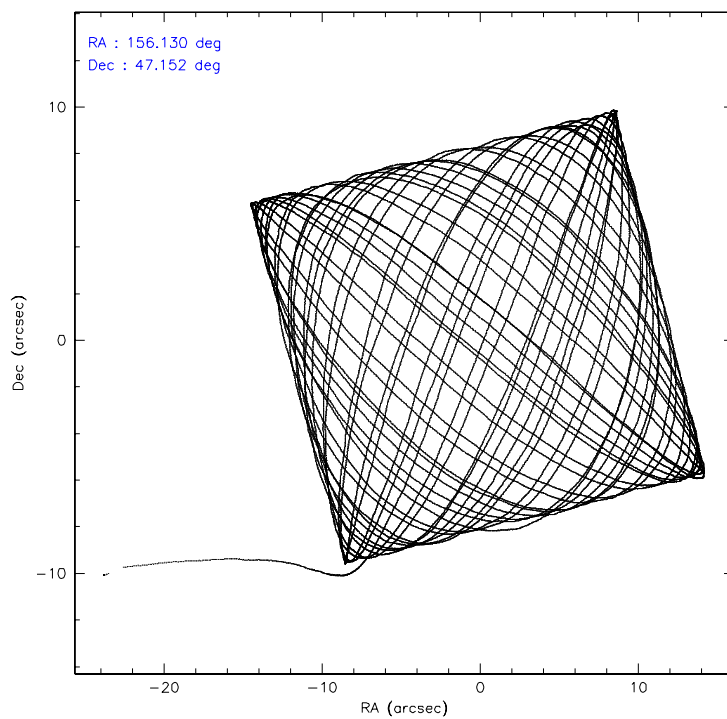
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	115883	109196	141748	111473	106675	137855
rejected events	104956	99059	68110	100358	58366	106977
rejected %	90%	90%	48%	90%	54%	77%

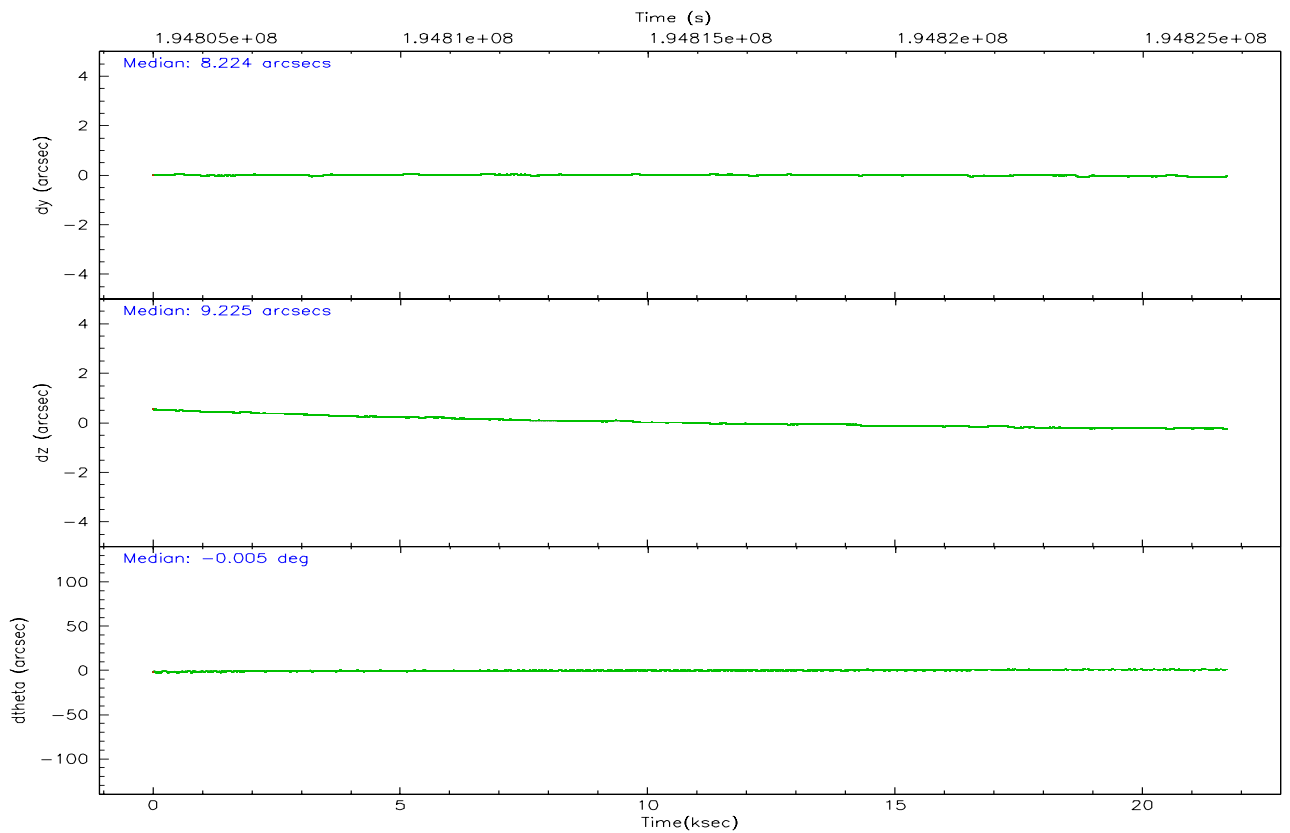
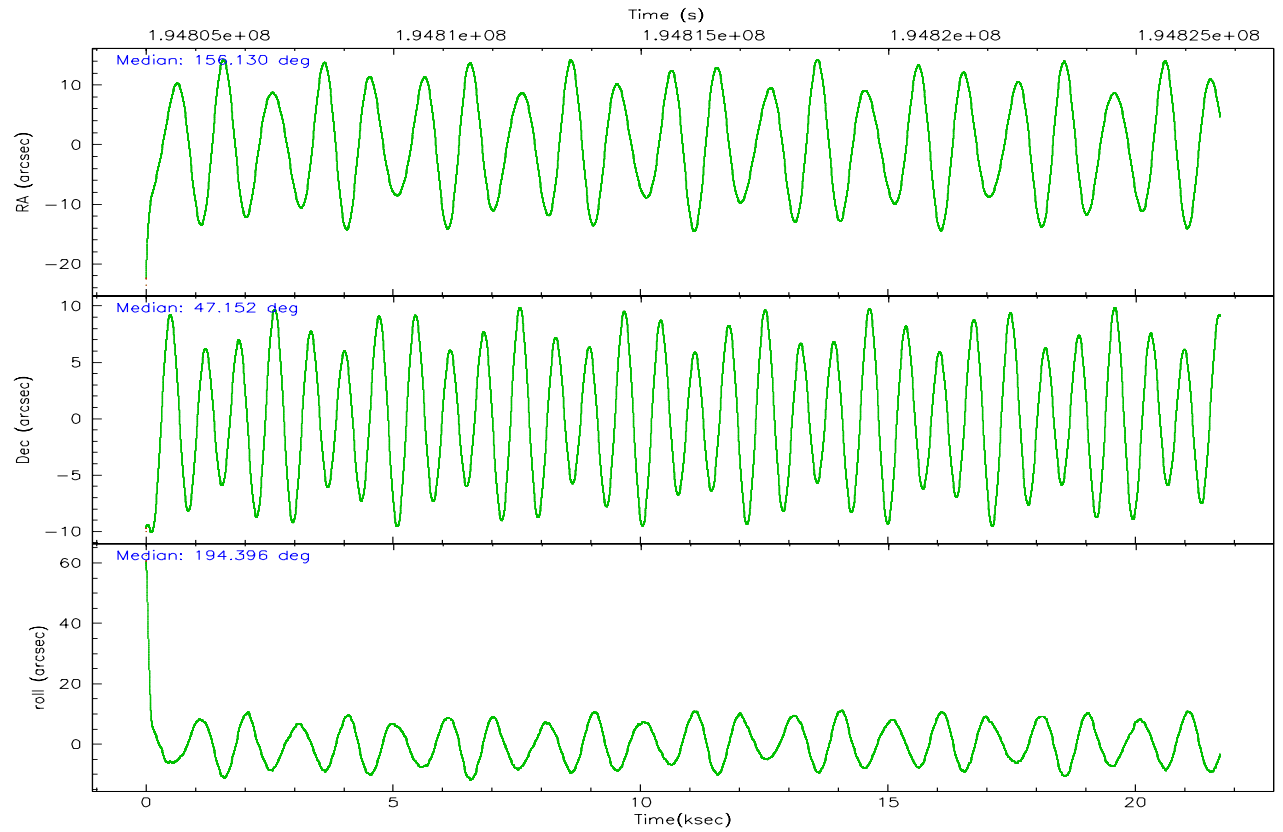
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	4045	3750	9011	4000	3249	8383
	3%	3%	6%	3%	3%	6%
grade 1 events	52	57	123	50	62	86
	0%	0%	0%	0%	0%	0%
grade 2 events	2621	2156	22713	2394	12386	7445
	2%	1%	16%	2%	11%	5%
grade 3 events	1170	1129	2330	1231	3076	3447
	1%	1%	1%	1%	2%	2%
grade 4 events	1213	1190	2015	1213	2905	3264
	1%	1%	1%	1%	2%	2%
grade 5 events	3306	3727	7848	3799	8493	5621
	2%	3%	5%	3%	7%	4%
grade 6 events	1912	1954	37910	2326	26896	8443
	1%	1%	26%	2%	25%	6%
grade 7 events	101564	95233	59798	96460	49608	101166
	87%	87%	42%	86%	46%	73%

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	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	156.157806	156.1296021385081	Alternating exposures requested	N	N
Pointing Dec	47.171311	47.15198005615031	Primary exposure time	0.000000	3.2
Pointing Roll	194.231266	194.4086043829602			
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	194805185.184000	194804069.98825			
Observation start date	2004-03-04T16:32:01	2004-03-04T16:14:29			
Observation end time	194826709.184000	194827681.37678			
Observation end date	2004-03-04T22:30:45	2004-03-04T22:48:01			
Read mode	TIMED	TIMED			

2.3 Aspect



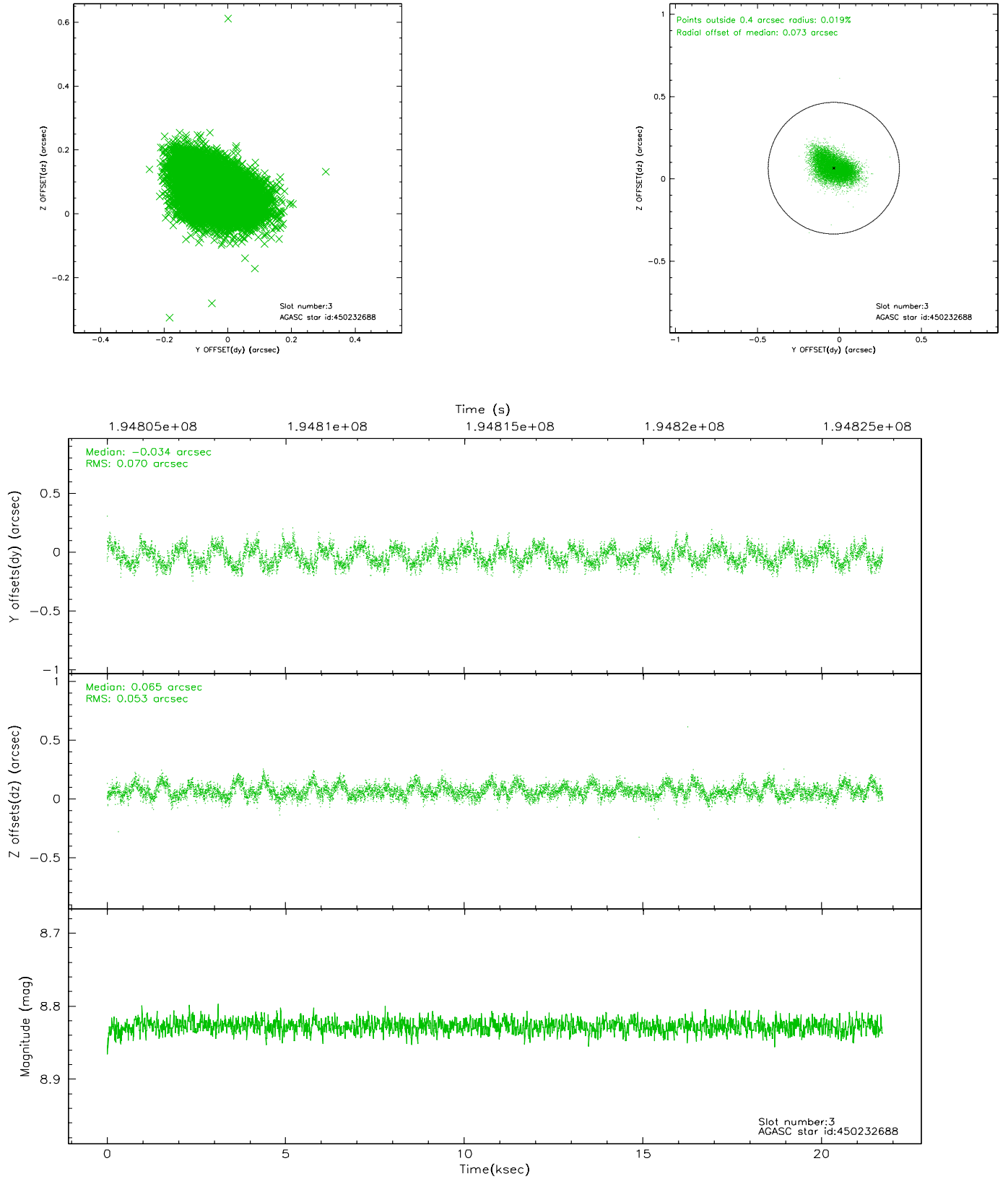


Slot Statistics

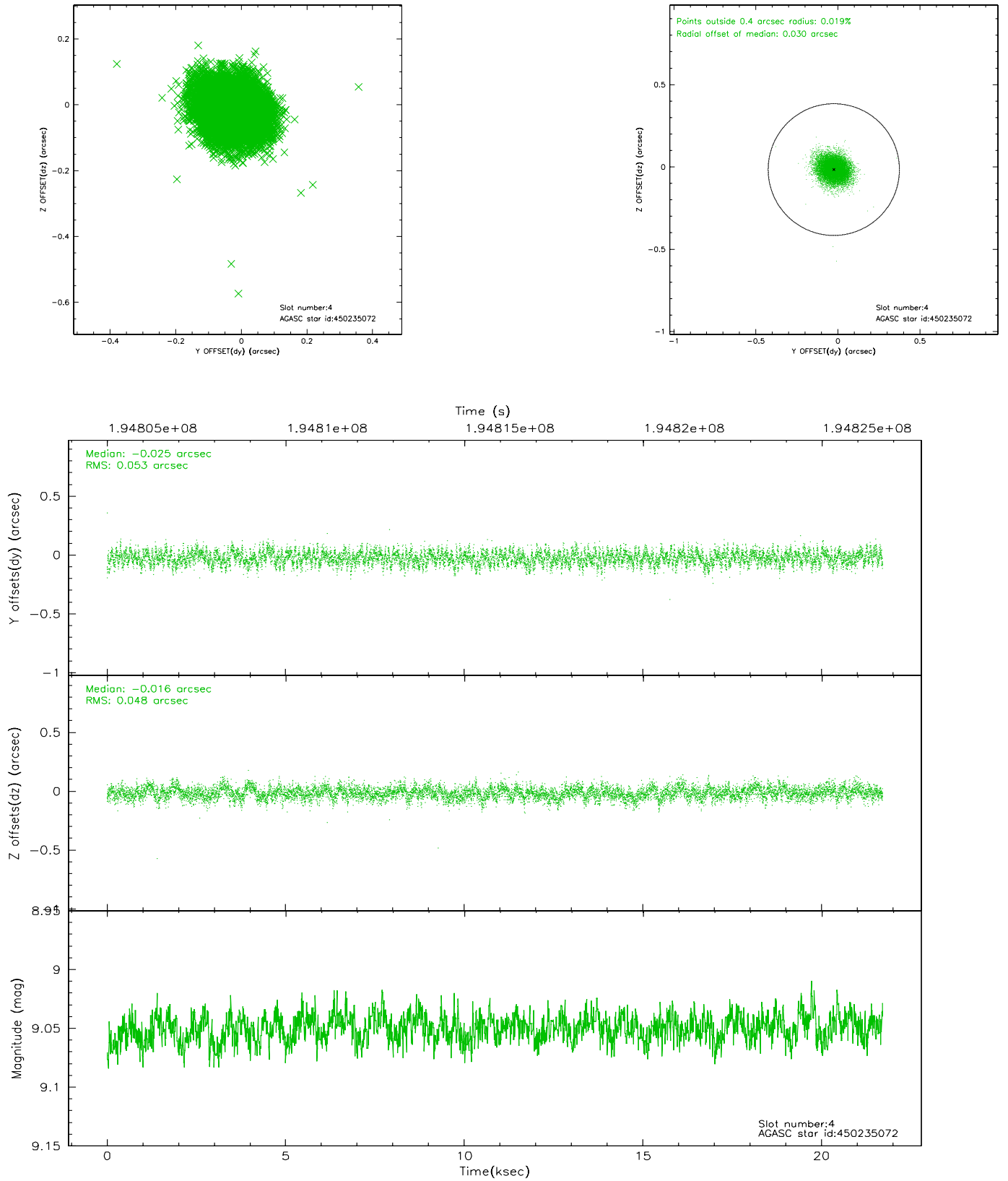
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	5296	-0.005	-0.005	0.010	0.016	0.000000	0.000000	-760.99	-1730.51
1	FID	ACIS-S-4	7.21	5297	0.035	0.004	0.005	0.009	0.000000	0.000000	2152.23	177.85
2	FID	ACIS-S-5	7.24	5297	-0.060	0.010	0.009	0.016	0.000000	0.000000	-1813.70	171.66
3	GUIDE	450232688	8.83	10588	-0.034	0.065	0.094	0.150	156.759869	46.937053	-1228.67	1176.38
4	GUIDE	450235072	9.05	10593	-0.025	-0.016	0.075	0.122	156.908877	46.808861	-1475.46	1711.28
5	GUIDE	450236704	9.24	10591	0.030	0.004	0.090	0.145	156.809685	46.714771	-1157.65	1982.52
6	GUIDE	450632976	9.49	10589	-0.019	-0.026	0.104	0.166	155.857098	47.599681	329.00	-1674.84
7	GUIDE	450633256	7.93	10590	0.052	-0.029	0.065	0.105	156.404075	47.567395	-930.09	-1235.98

2.4 Star Slots

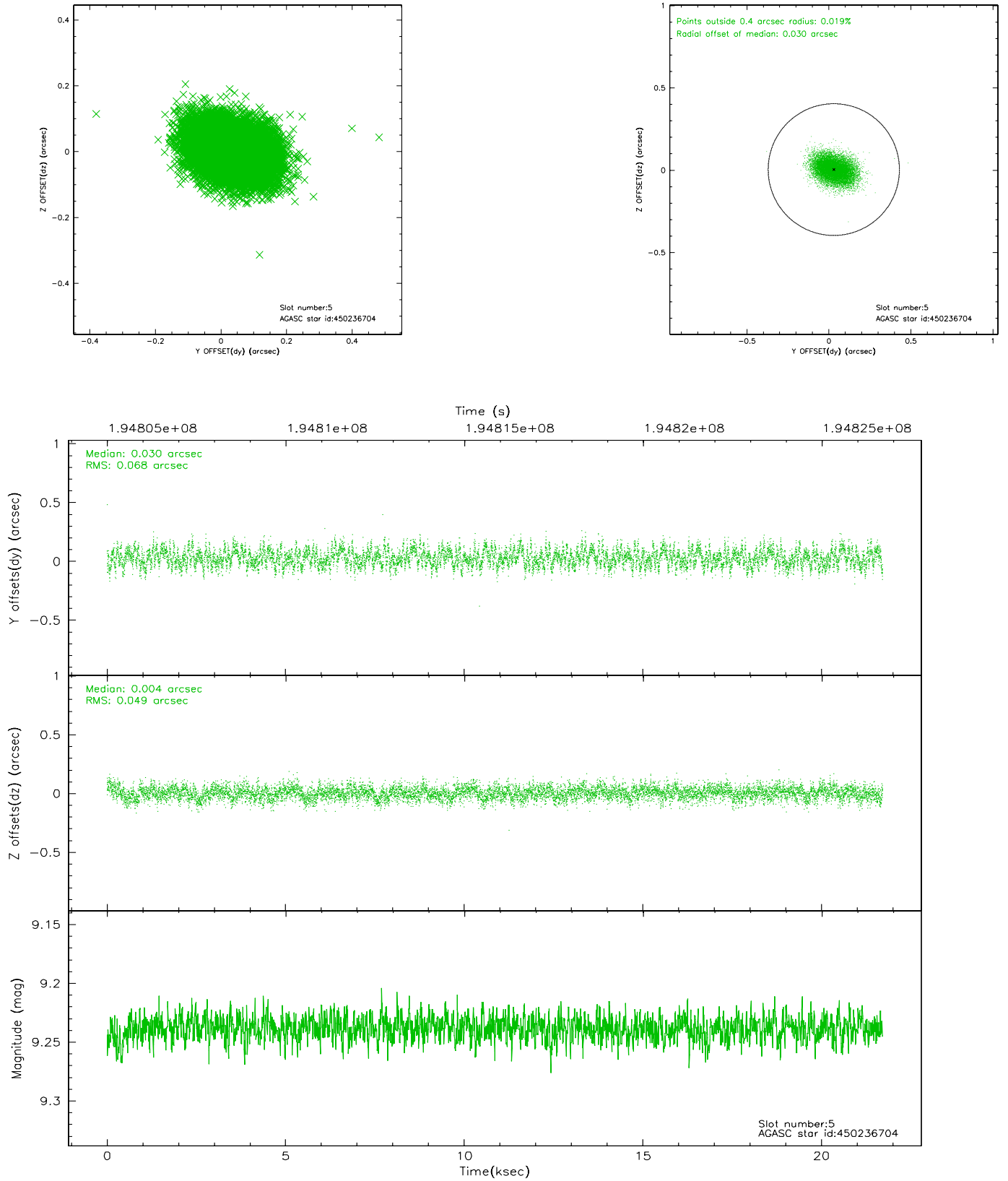
2.4.1 Slot 3



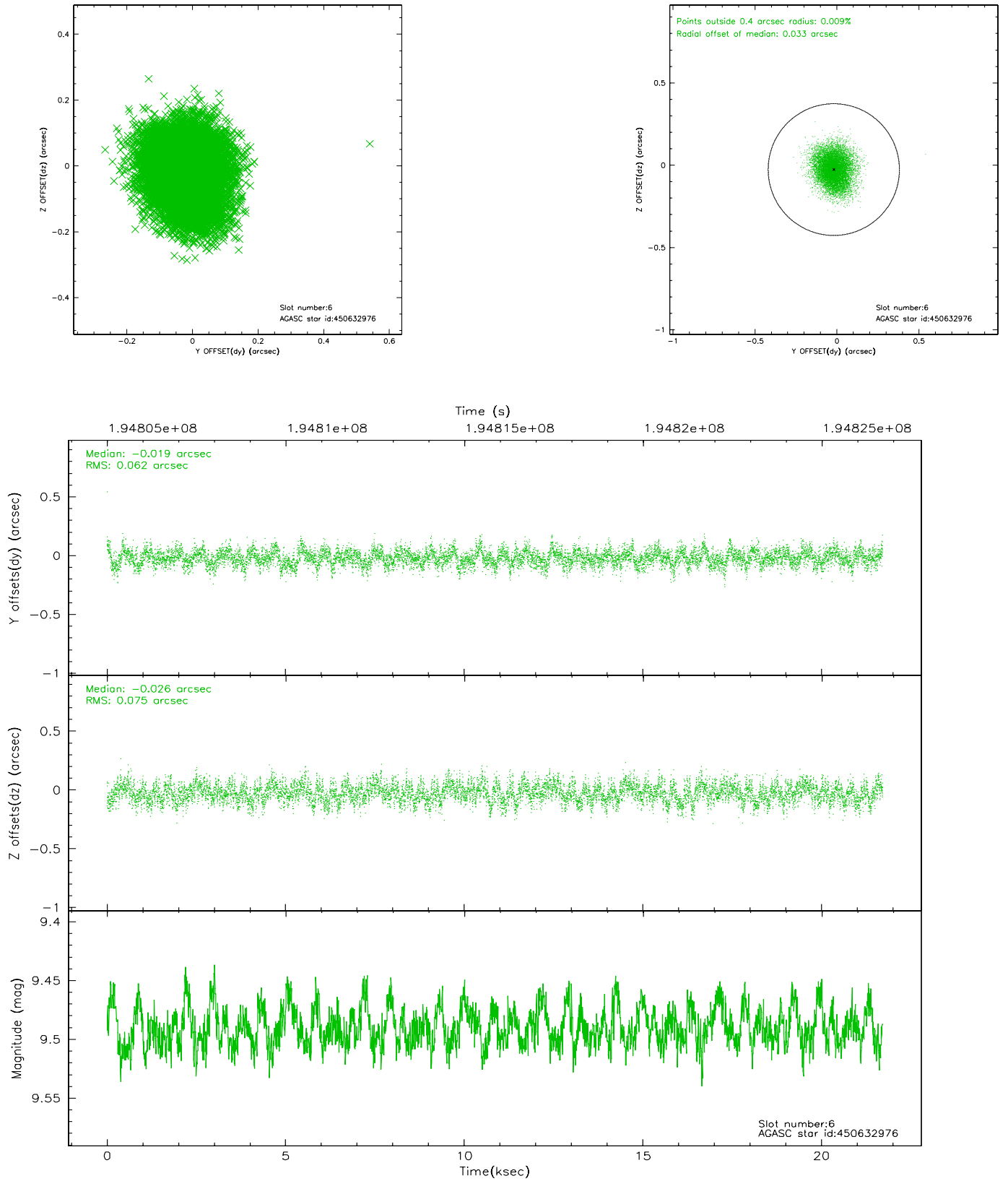
2.4.2 Slot 4



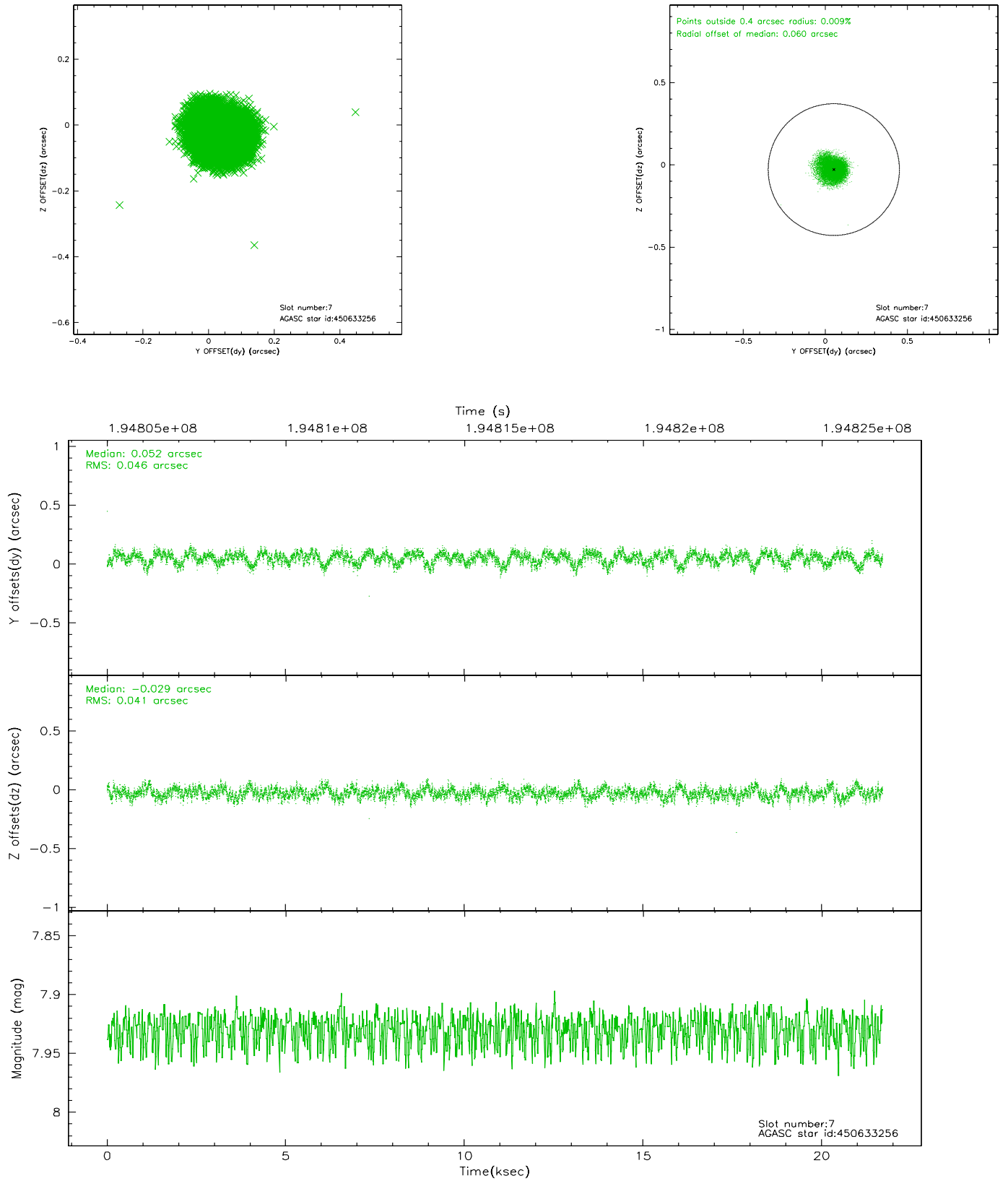
2.4.3 Slot 5



2.4.4 Slot 6

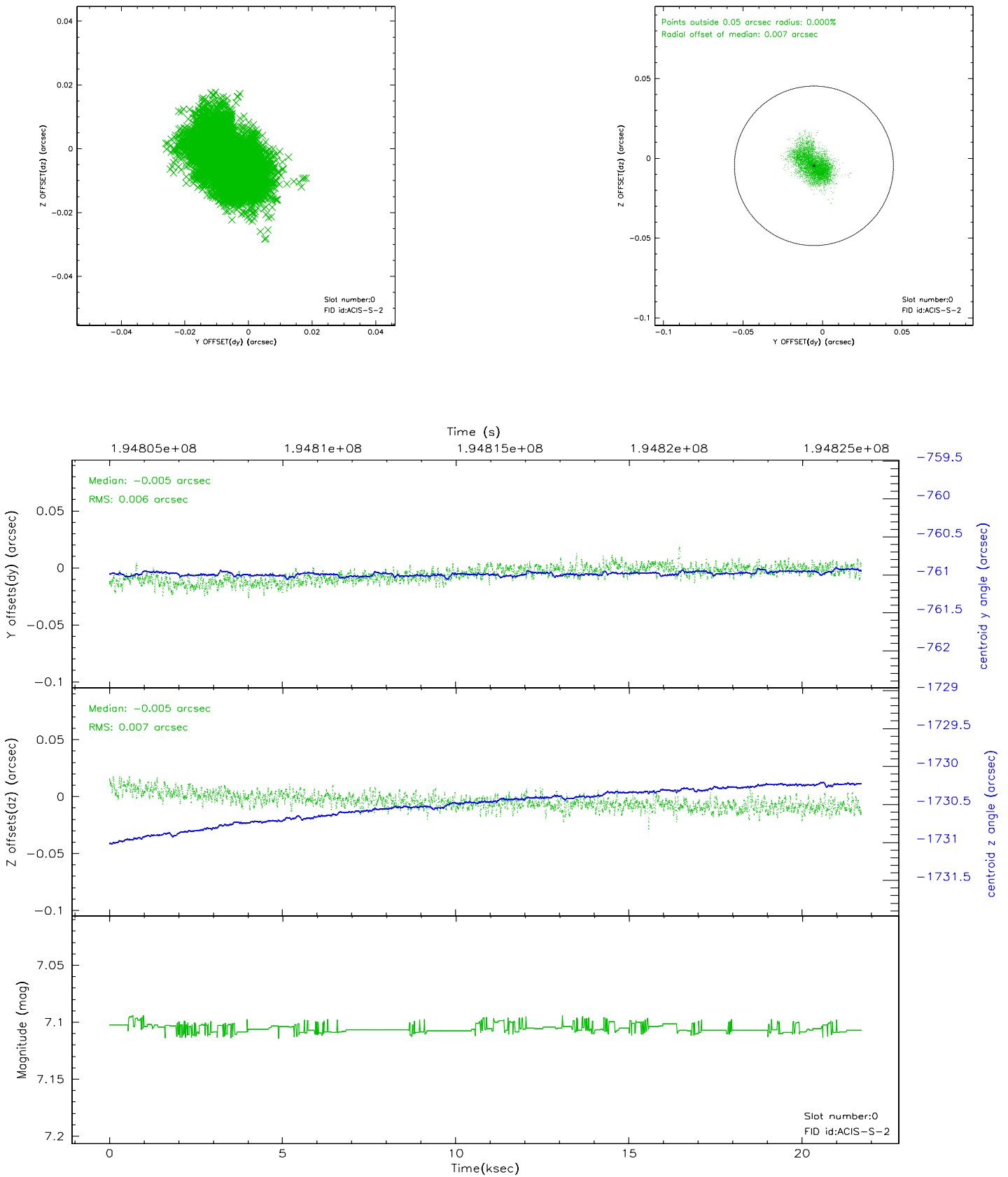


2.4.5 Slot 7

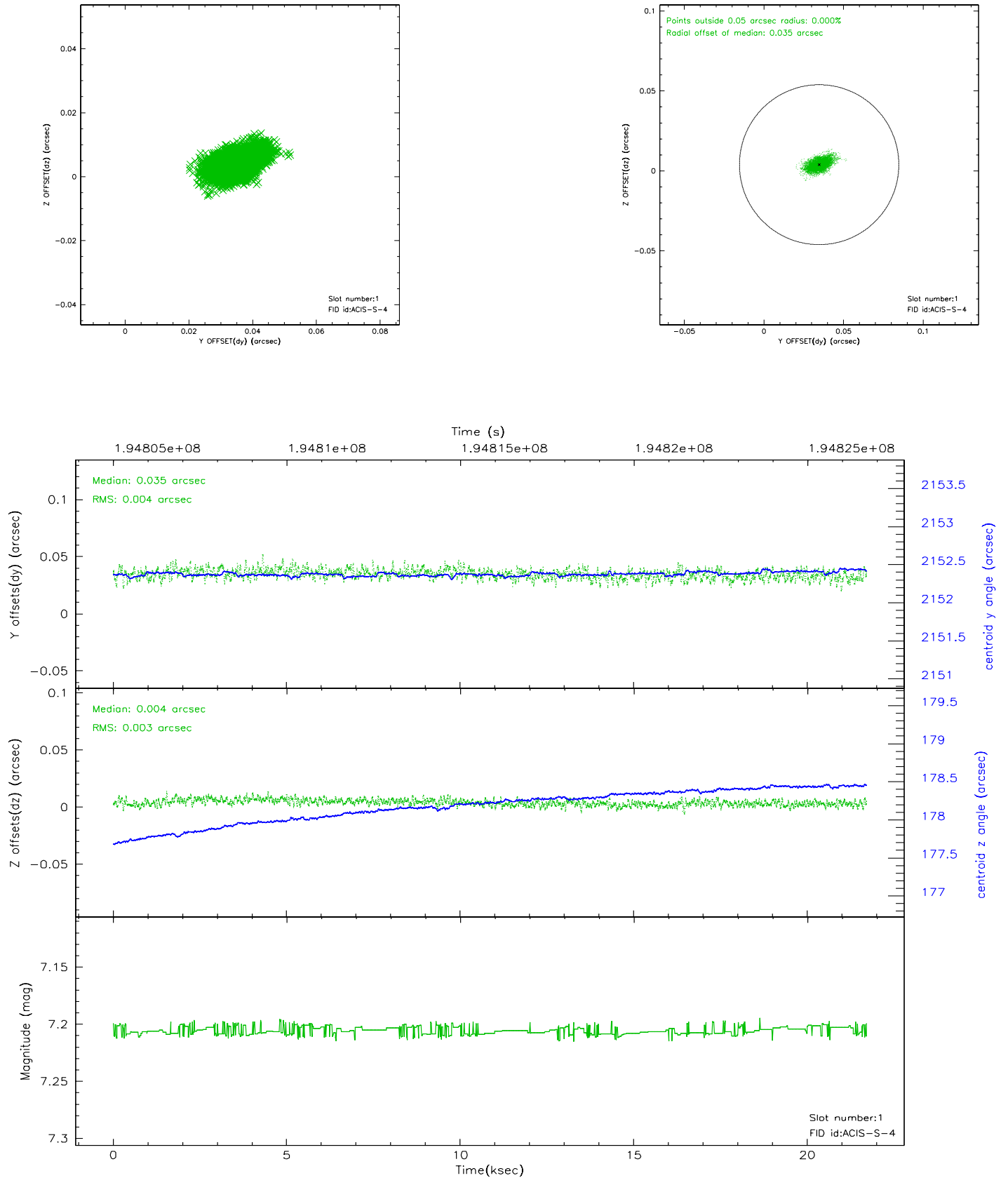


2.5 FID Slots

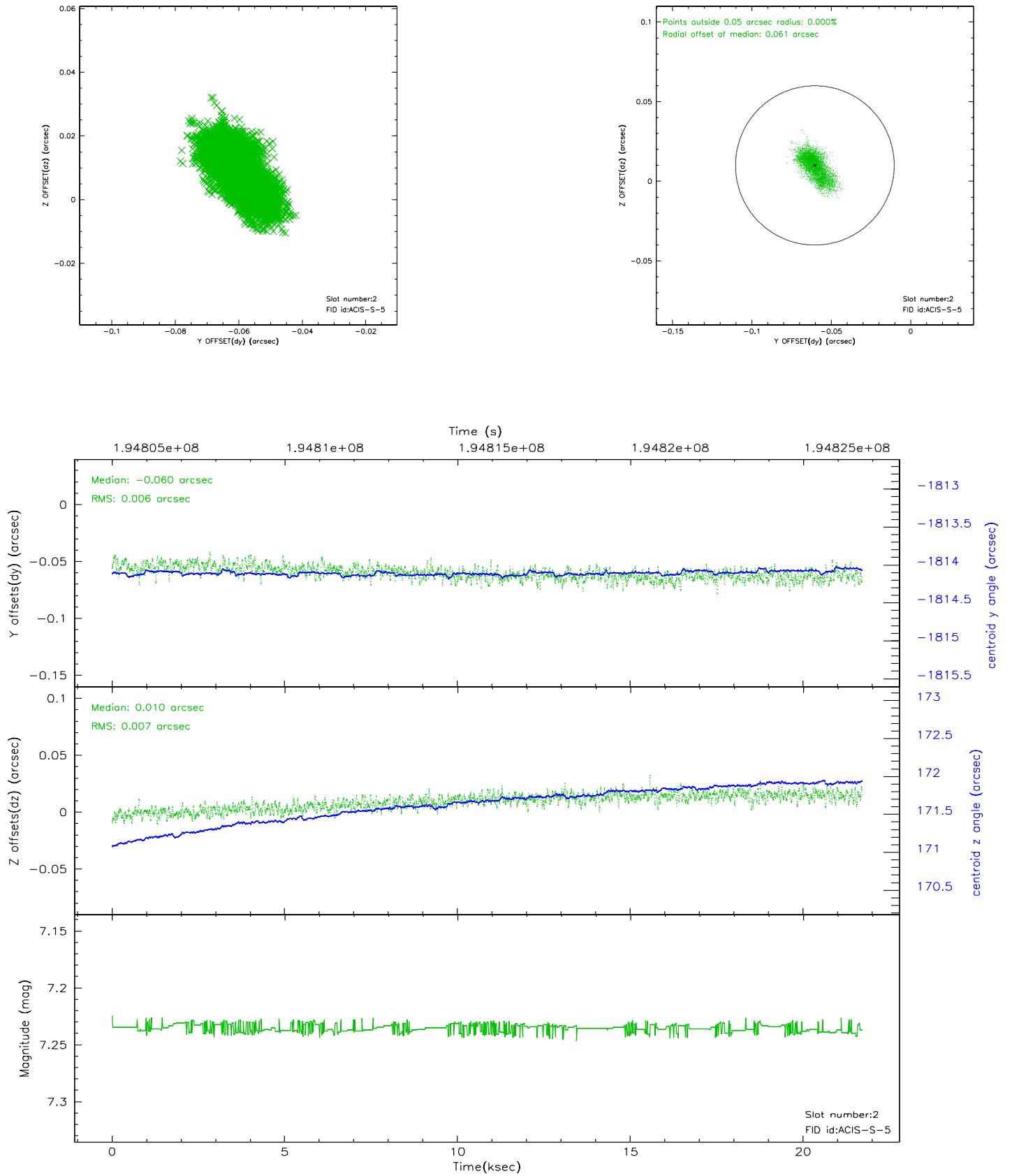
2.5.1 Slot 0



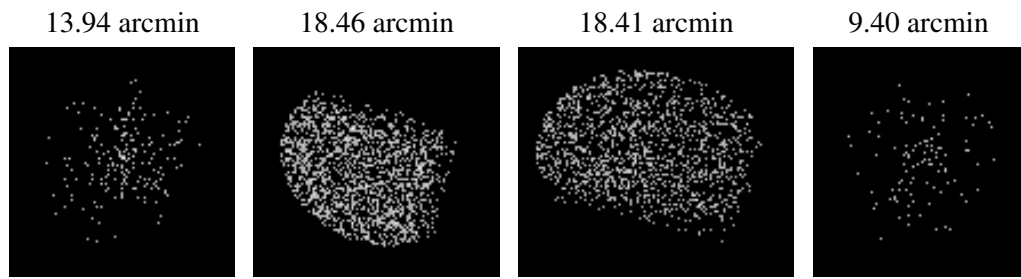
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.05.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	21.708

A.2 Comments