

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4826 - L2 Version 001
Chandra X-Ray Center

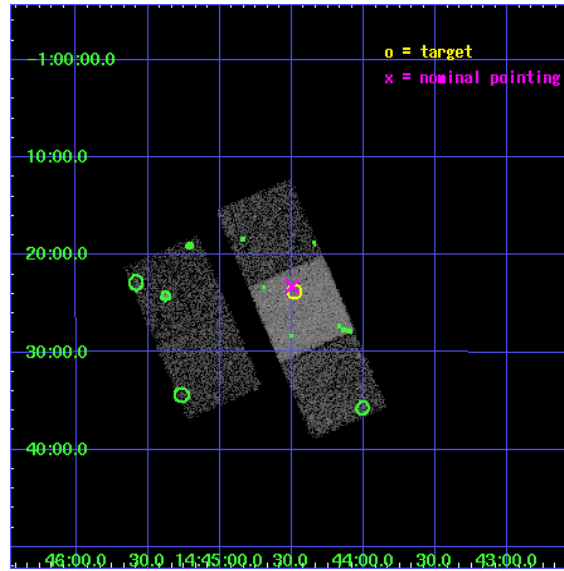
L2 Processing Date : Jun 8 2006

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1 Front

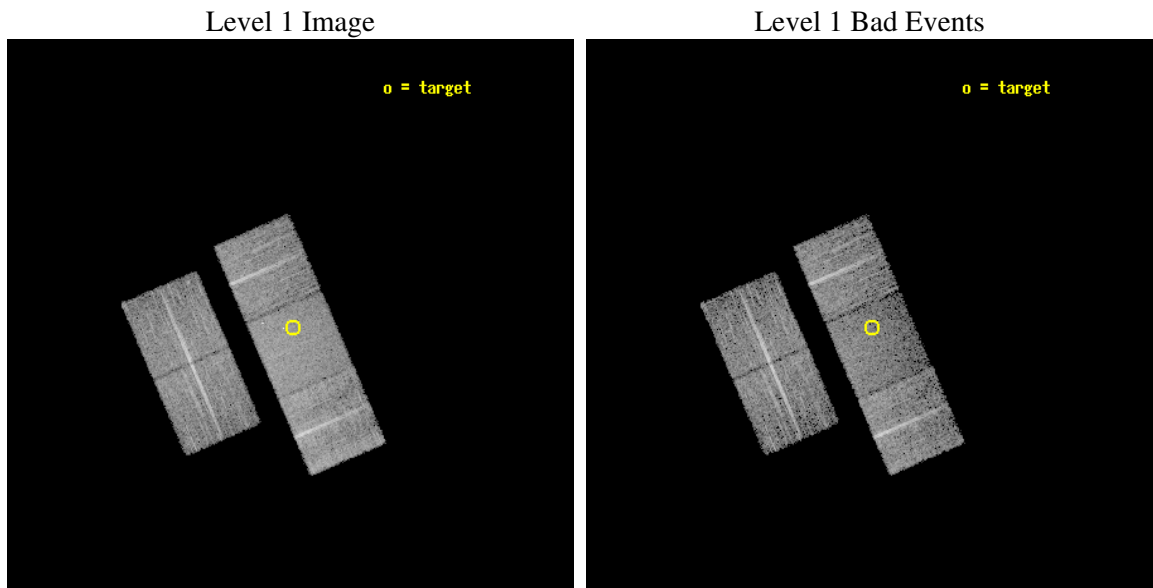
seq_num	700908
obs_id	4826
title	Destroying Degeneracy: Spanning the Luminosity Range for Radio-Quiet Quasars at z=4
observer	Dr. Jill Bechtold
object	SDS 1444-0123
dtcycle	0
cycle	P
ra_targ	221.119583
dec_targ	-1.395556
ra_nom	221.12492920925
dec_nom	-1.3874839933701
roll_nom	66.69635067757
revision	2
ontime	10133.899980515
livetime	10001.493116801
ontime2	10133.899980515
ontime3	10130.759030163
ontime6	10133.899980515
ontime7	10133.899980515
ontime8	10133.899980515
l2events	41246



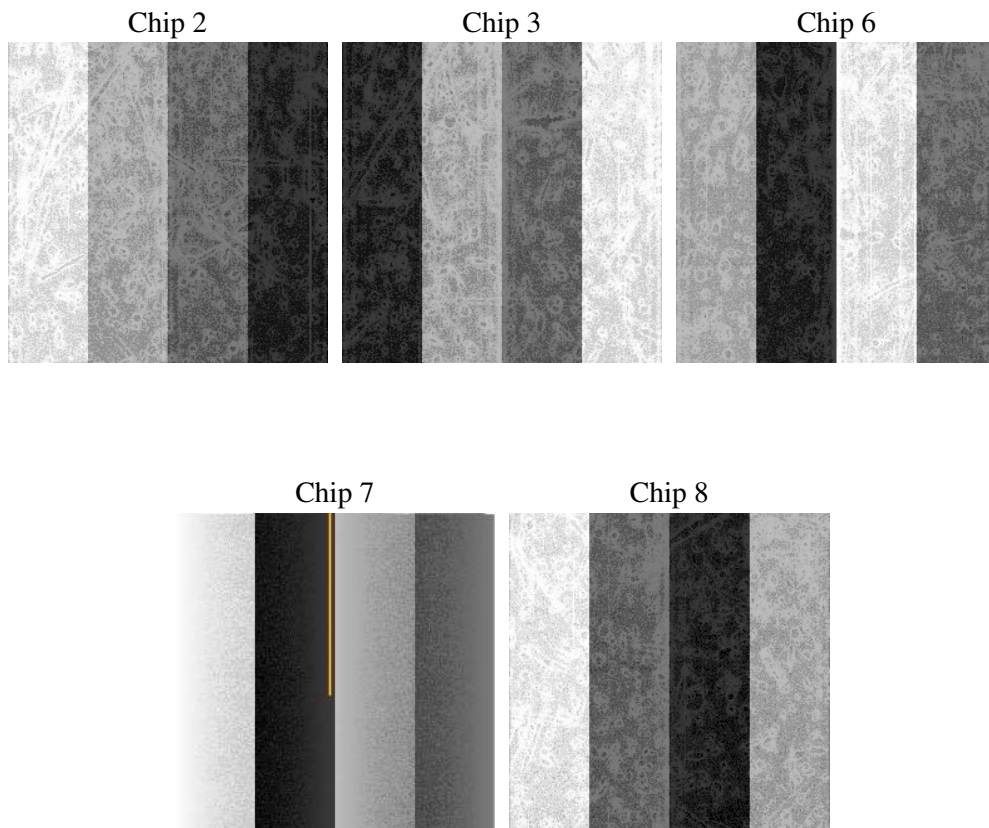
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.2
date	2006-06-08T08:23:33
revision	2

sched_exp_time	10000.000000
ontime	11737.938021183
ontime2	11737.937991261
ontime3	11734.79704091
ontime6	11737.938021183
ontime7	11737.938021183
ontime8	11731.656050712
llevents	305401

2.1.4 Events

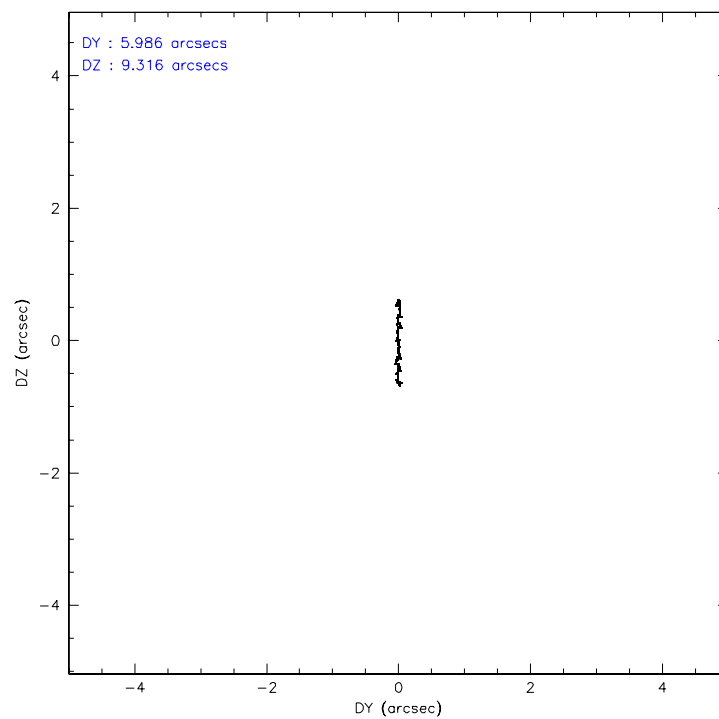
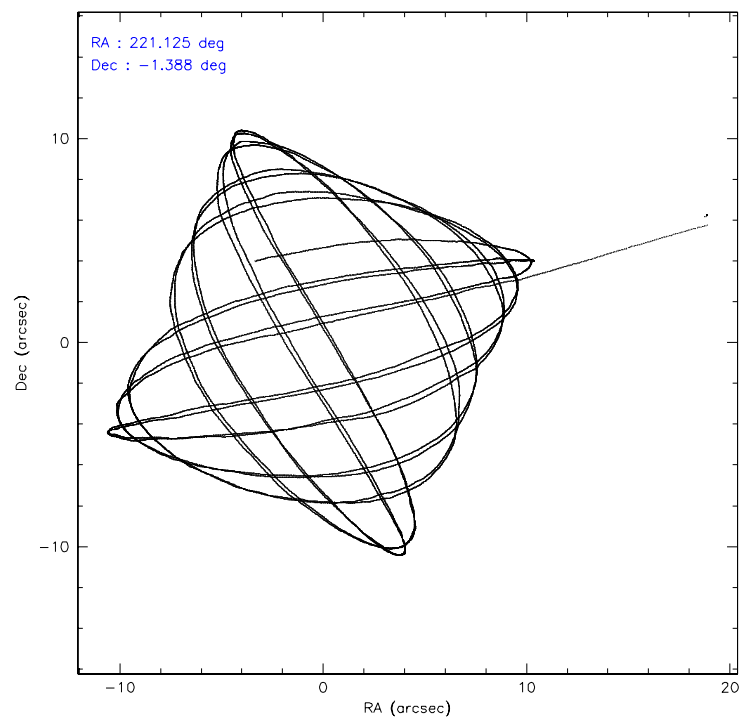
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	56009	55019	57312	64232	72829
rejected events	51116	50330	52002	40777	57524
rejected %	91%	91%	90%	63%	78%

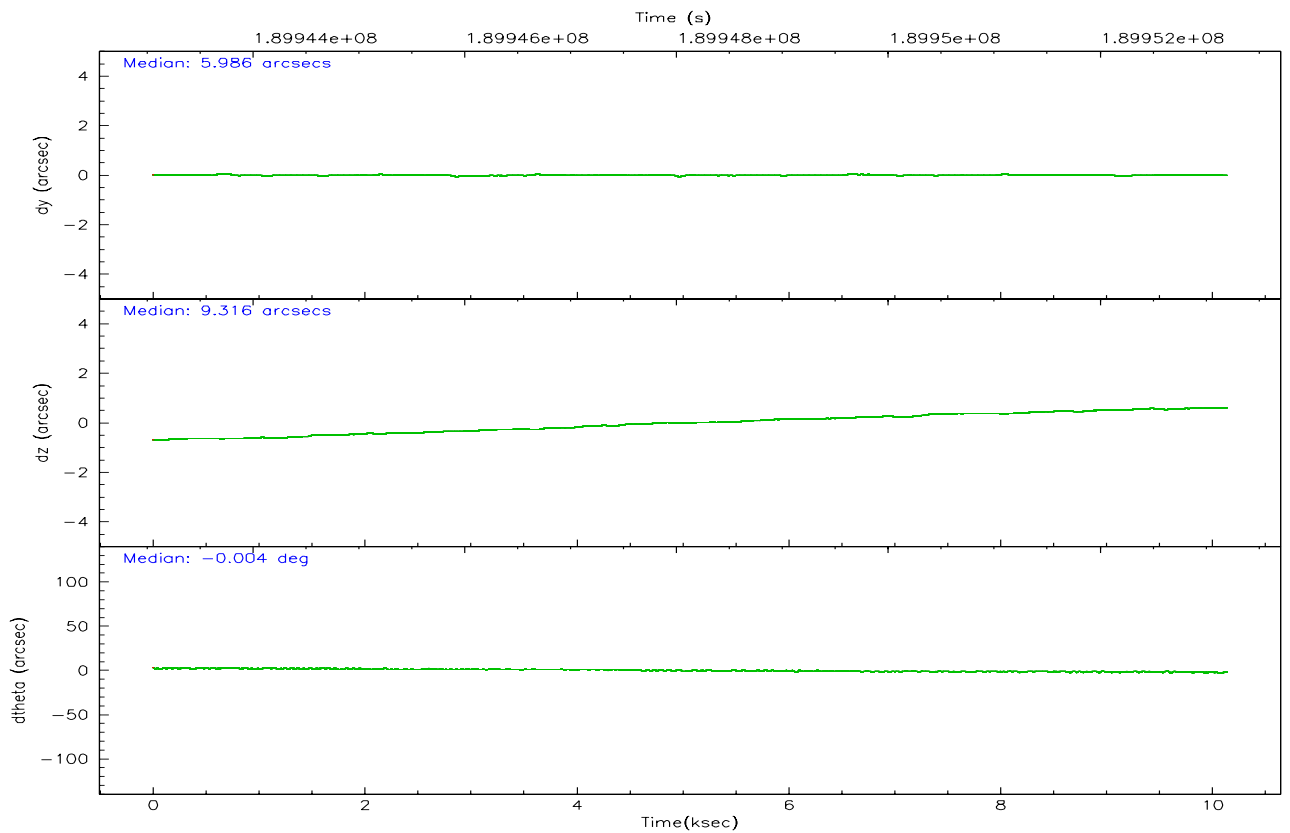
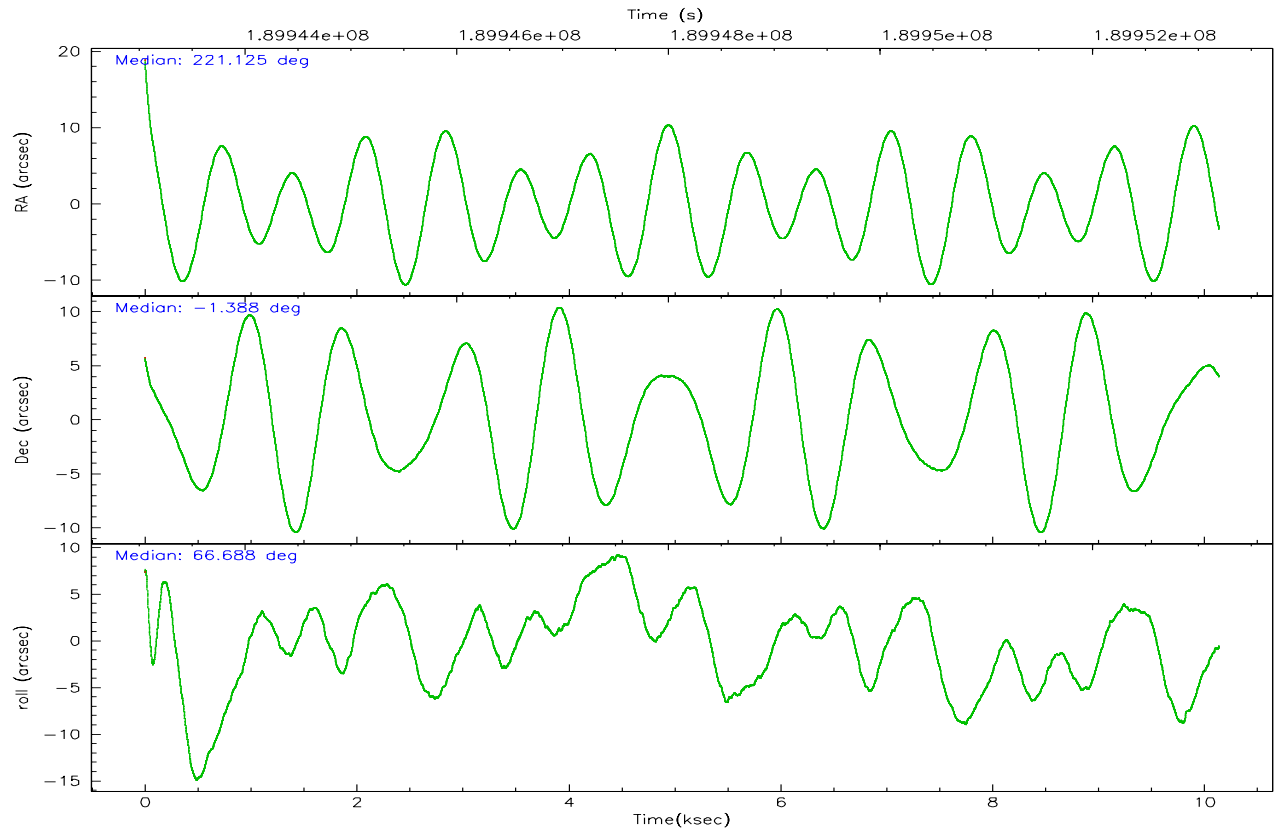
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	2224	1938	2248	1880	5630
	3%	3%	3%	2%	7%
grade 1 events	34	21	19	34	53
	0%	0%	0%	0%	0%
grade 2 events	1271	1249	1286	6682	3751
	2%	2%	2%	10%	5%
grade 3 events	648	614	647	1577	1939
	1%	1%	1%	2%	2%
grade 4 events	606	636	654	1518	1848
	1%	1%	1%	2%	2%
grade 5 events	1859	2153	2258	4830	3305
	3%	3%	3%	7%	4%
grade 6 events	994	1031	1336	15356	4571
	1%	1%	2%	23%	6%
grade 7 events	48373	47377	48864	32355	51732
	86%	86%	85%	50%	71%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-23678	ACIS-23678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	221.128454	221.1249292092467	Alternating exposures requested	N	N
Pointing Dec	-1.414485	-1.387483993370148	Primary exposure time	0.000000	3.1
Pointing Roll	66.539802	66.69635067756991			
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	189943194.184000	189941419.55076			
Observation start date	2004-01-08T09:58:50	2004-01-08T09:30:19			
Observation end time	189953194.184000	189953528.90128			
Observation end date	2004-01-08T12:45:30	2004-01-08T12:52:08			
Read mode	TIMED	TIMED			

2.3 Aspect



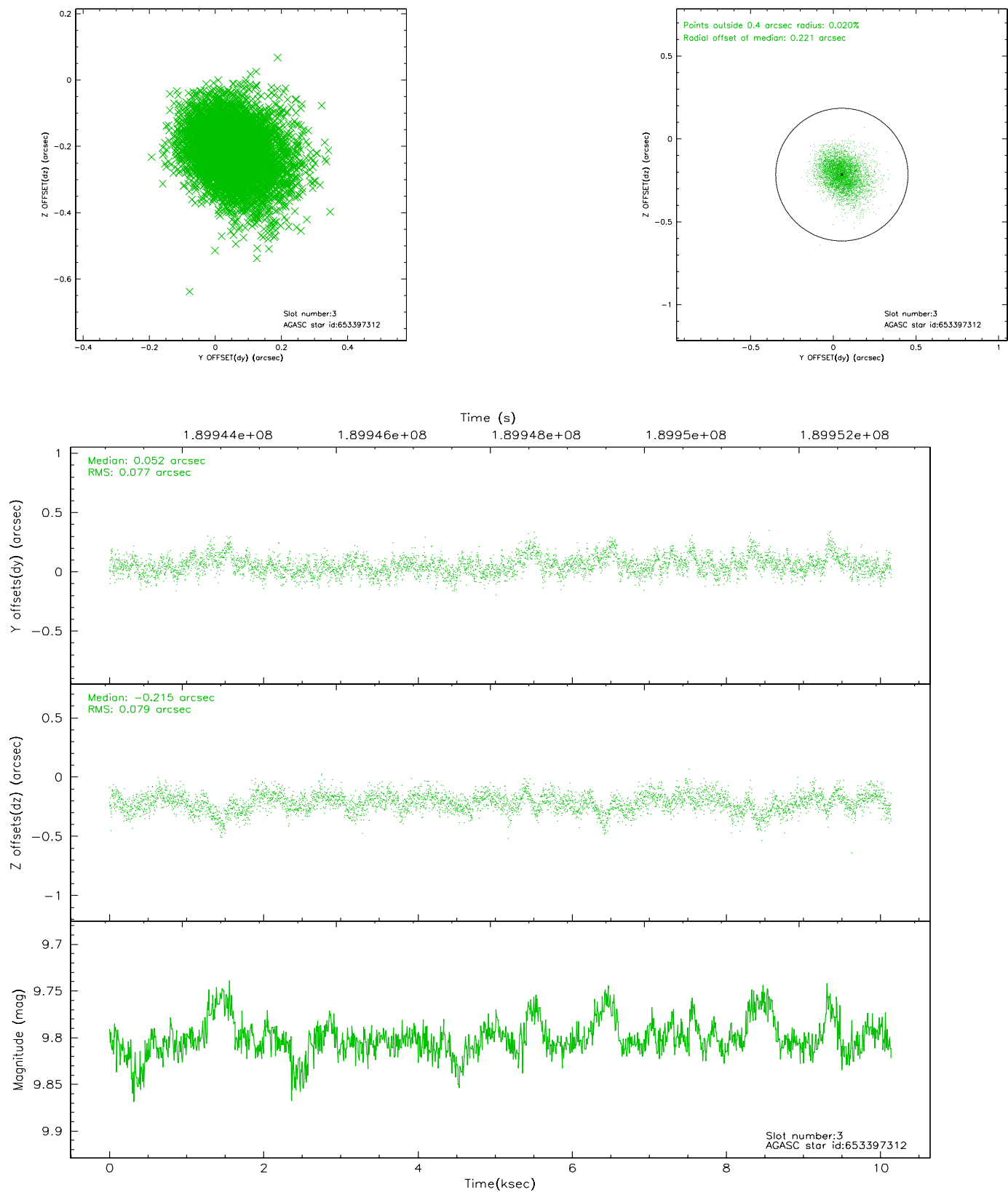


Slot Statistics

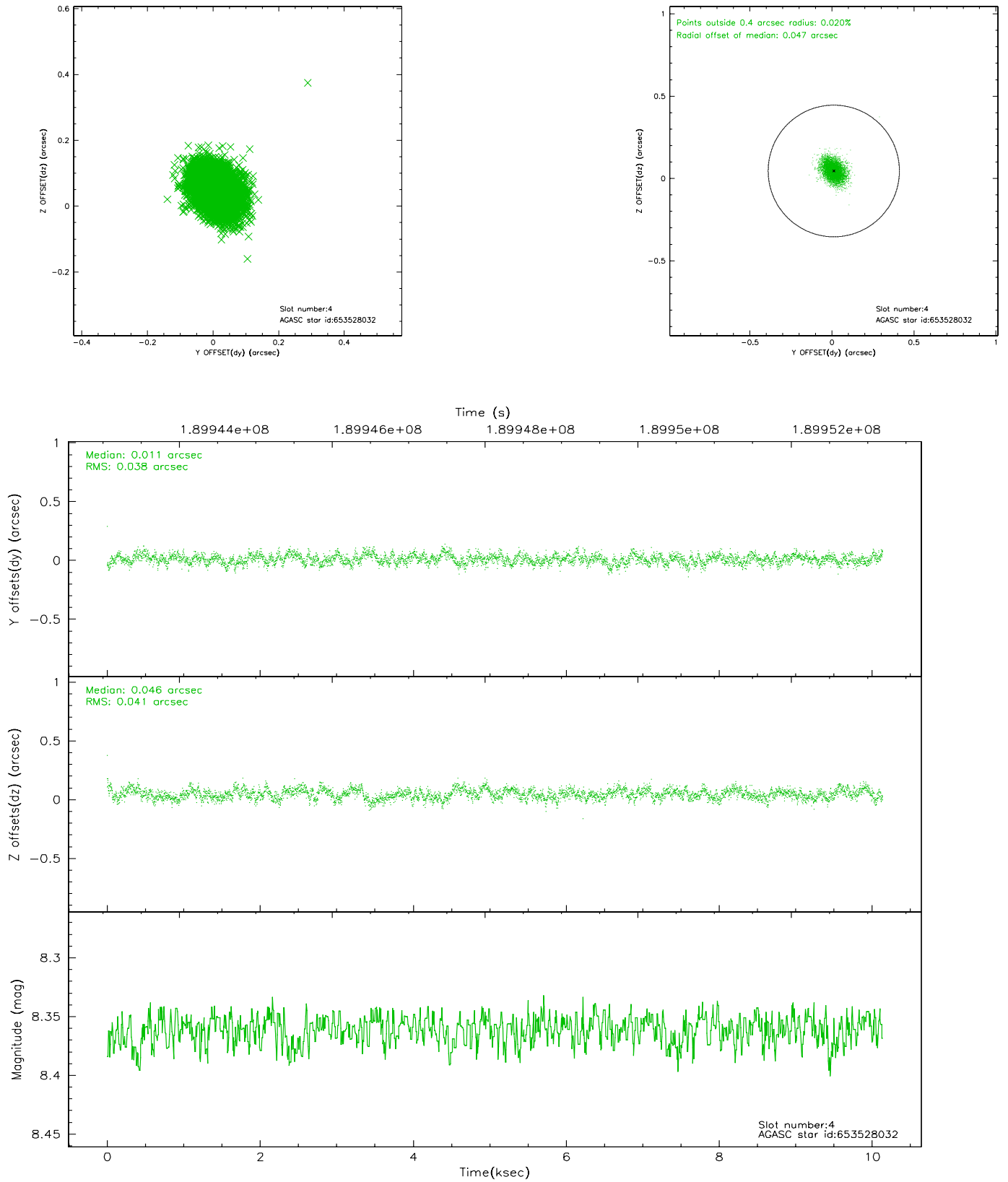
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	2473	-0.039	-0.011	0.013	0.019	0.000000	0.000000	-758.74	-1730.53
1	FID	ACIS-S-4	7.20	2473	0.036	0.022	0.006	0.011	0.000000	0.000000	2154.37	177.45
2	FID	ACIS-S-5	7.23	2473	-0.028	-0.002	0.012	0.018	0.000000	0.000000	-1810.91	171.68
3	GUIDE	653397312	9.80	4943	0.052	-0.215	0.115	0.195	220.908847	-1.222588	319.09	1000.20
4	GUIDE	653528032	8.36	4947	0.011	0.046	0.059	0.096	221.612728	-1.446923	586.96	-1644.68
5	GUIDE	653530832	8.91	4945	0.009	0.068	0.080	0.124	221.638203	-1.472740	538.29	-1766.30
6	GUIDE	653399720	10.03	4944	-0.210	-0.165	0.153	0.241	221.222055	-0.723926	2414.62	680.78
7	GUIDE	653530072	9.93	4941	0.132	0.267	0.144	0.231	221.735651	-1.734532	-186.30	-2462.39

2.4 Star Slots

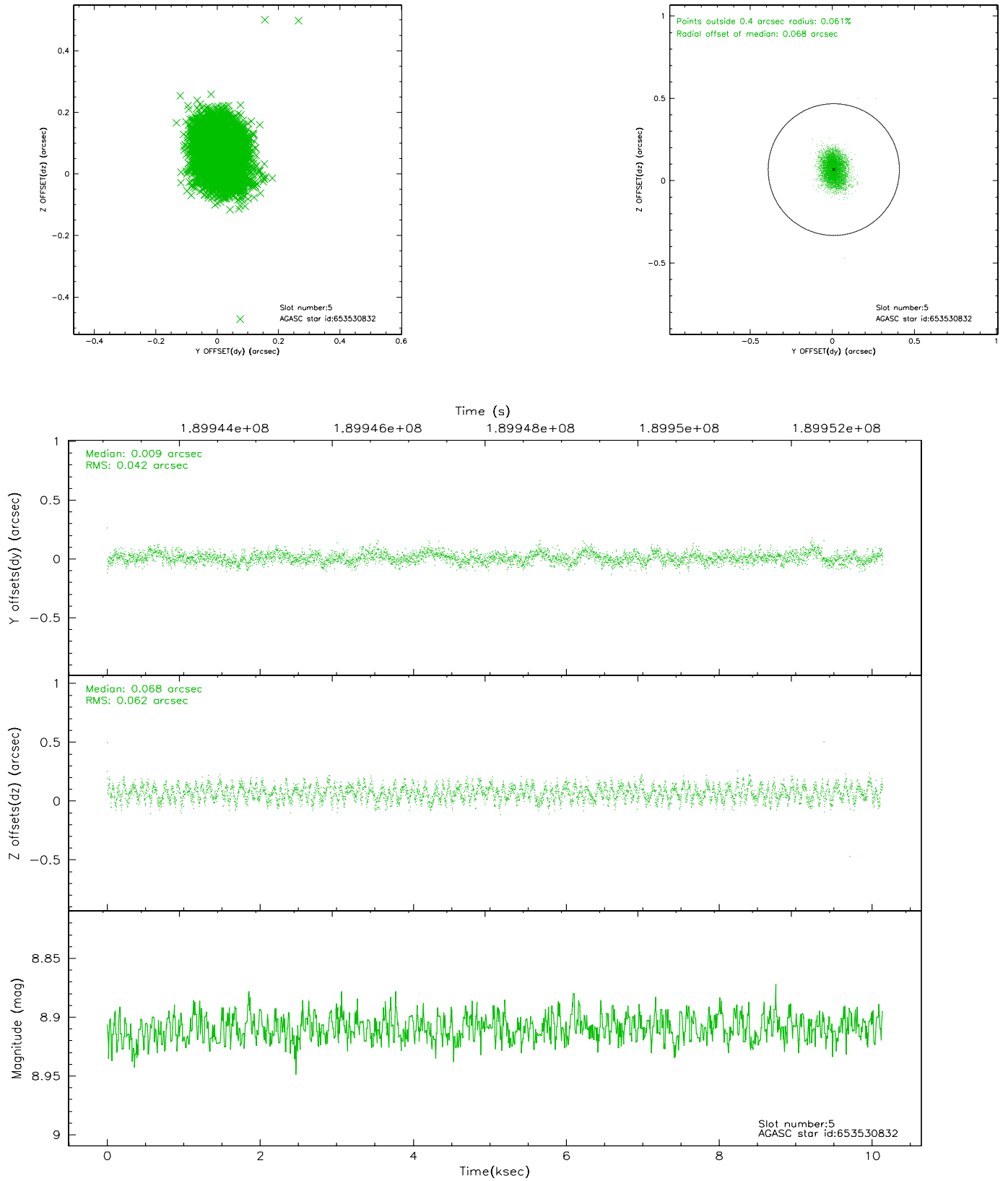
2.4.1 Slot 3



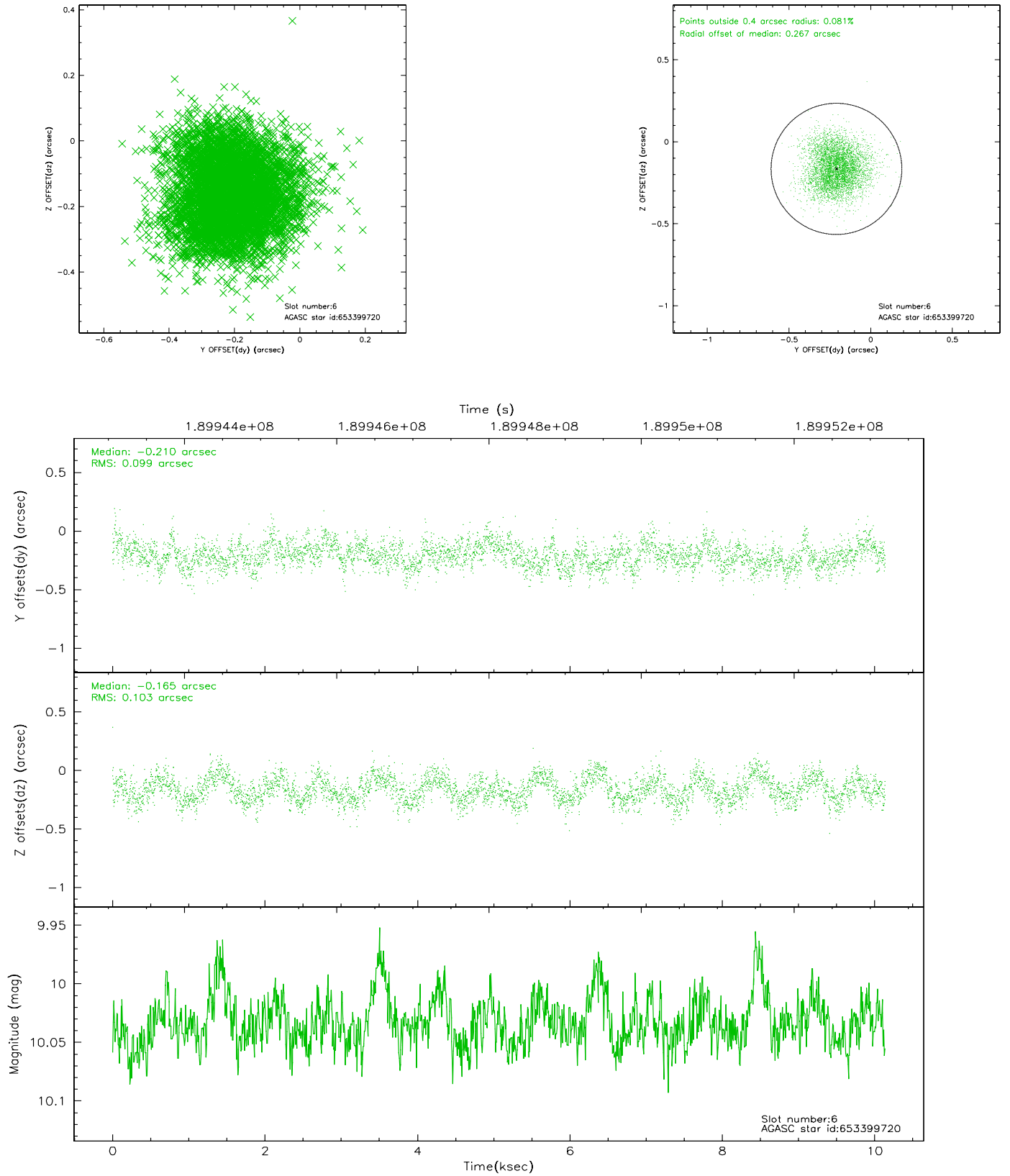
2.4.2 Slot 4



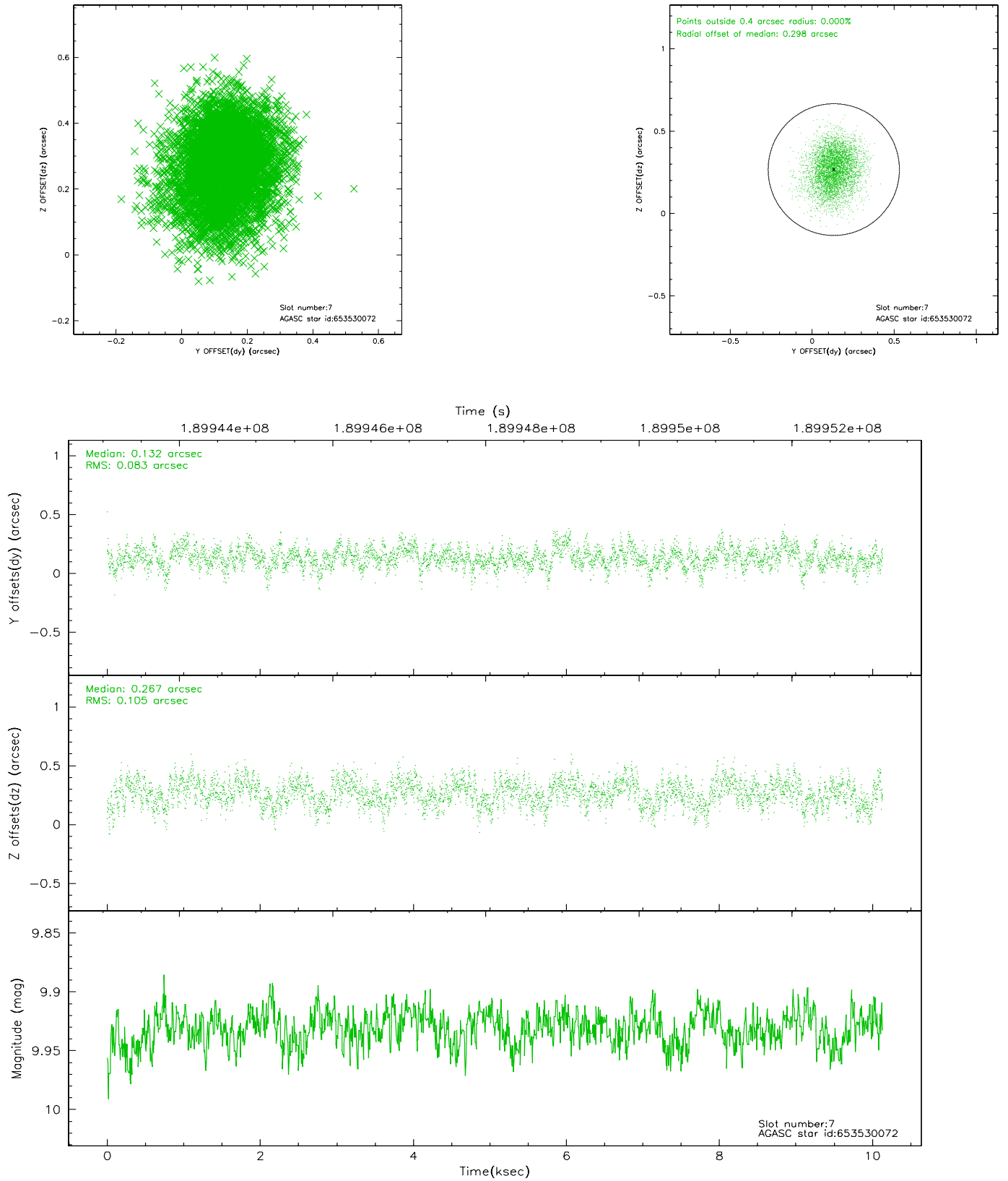
2.4.3 Slot 5



2.4.4 Slot 6

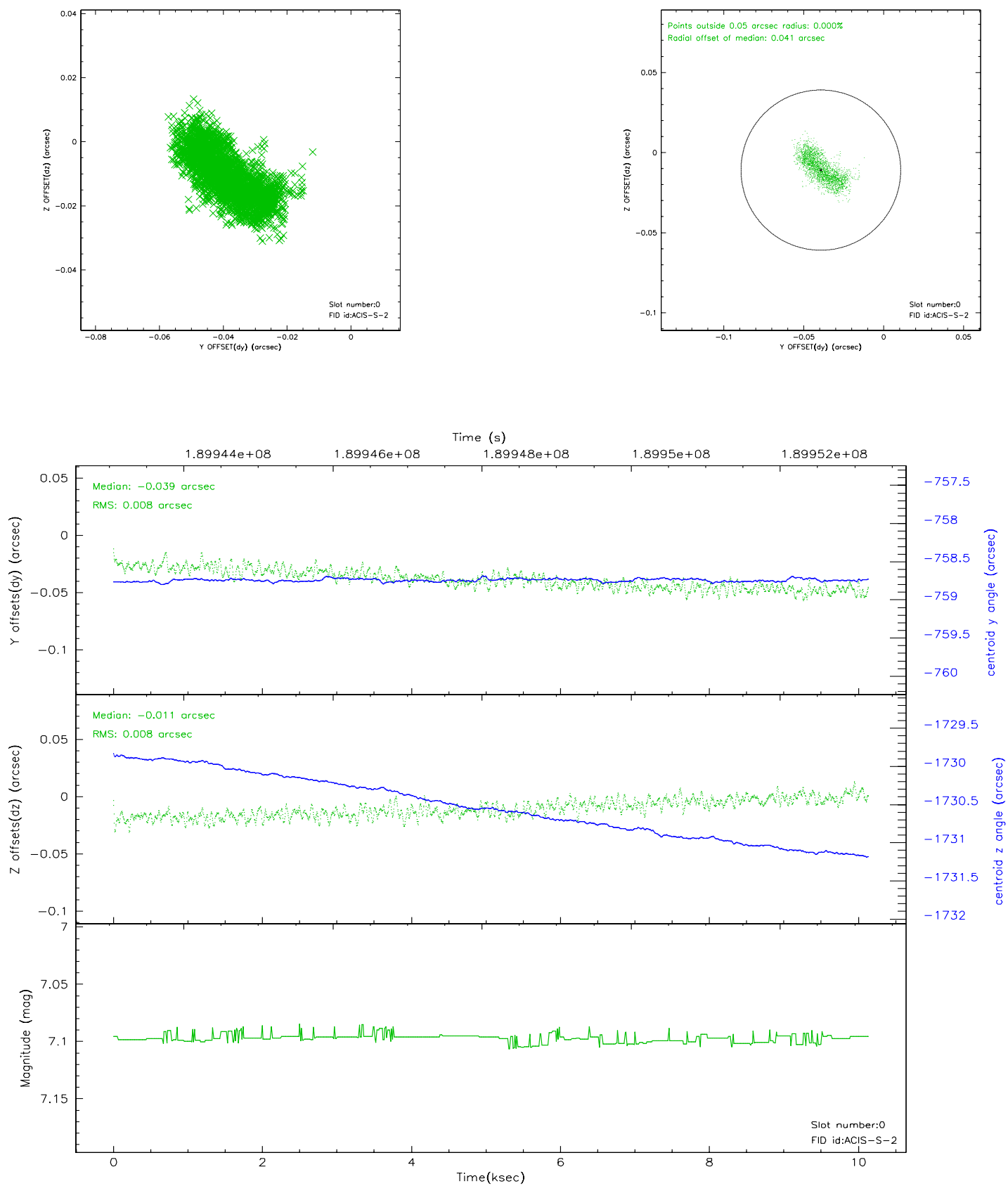


2.4.5 Slot 7

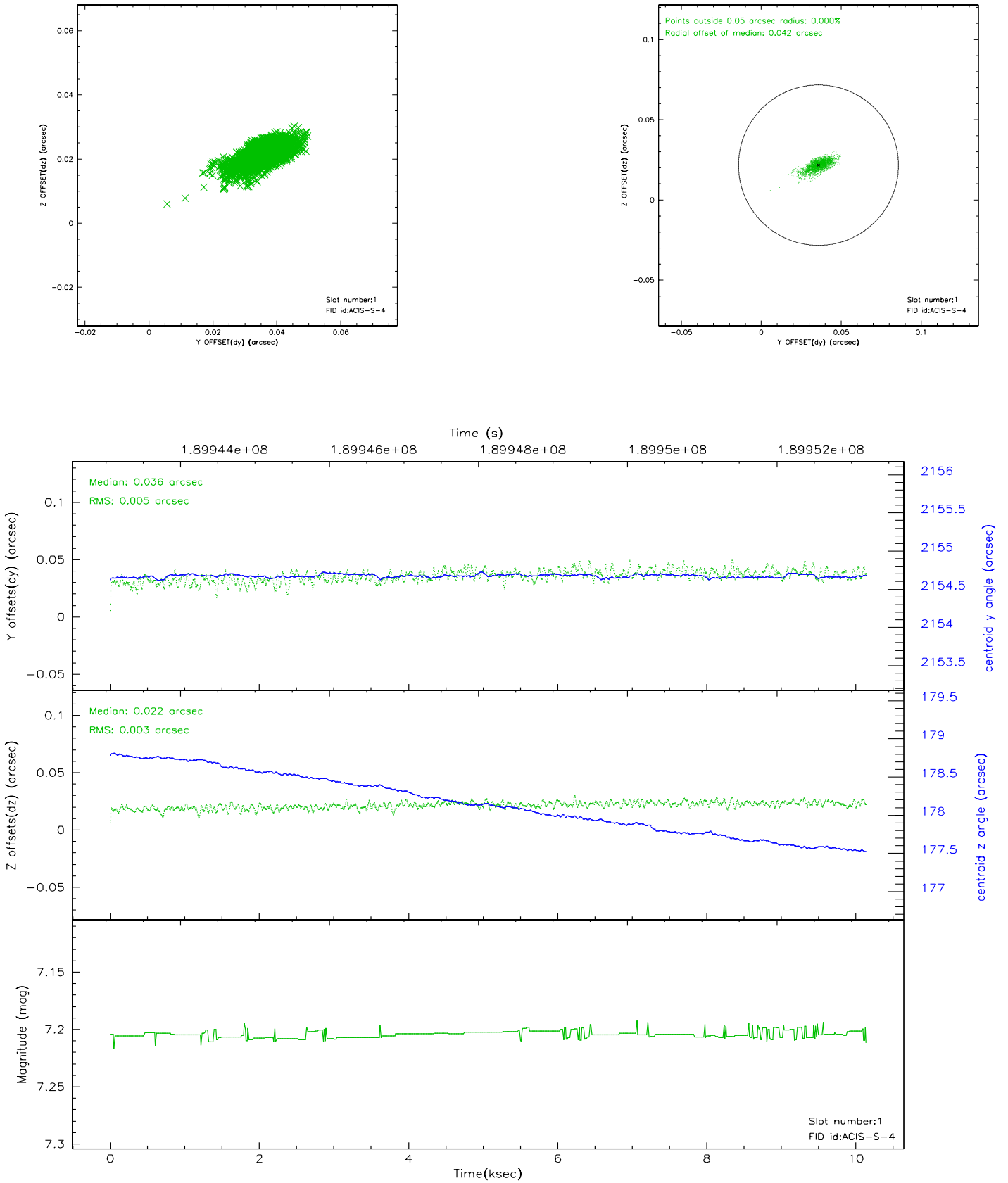


2.5 FID Slots

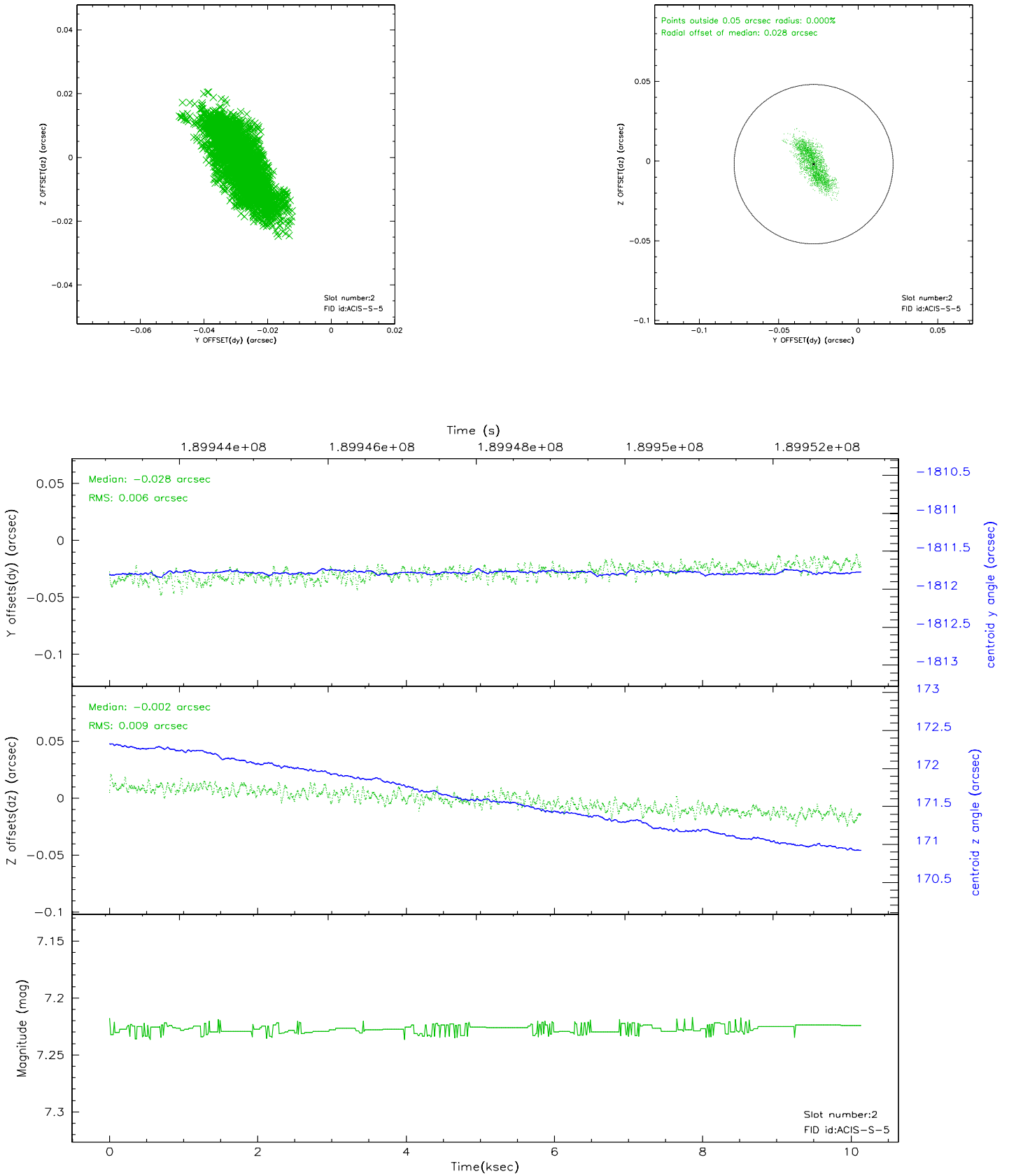
2.5.1 Slot 0



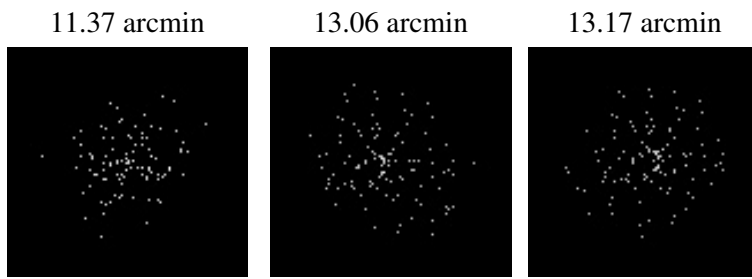
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2006.06.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.133

A.2 Comments