

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3078 - L2 Version 001
Chandra X-Ray Center

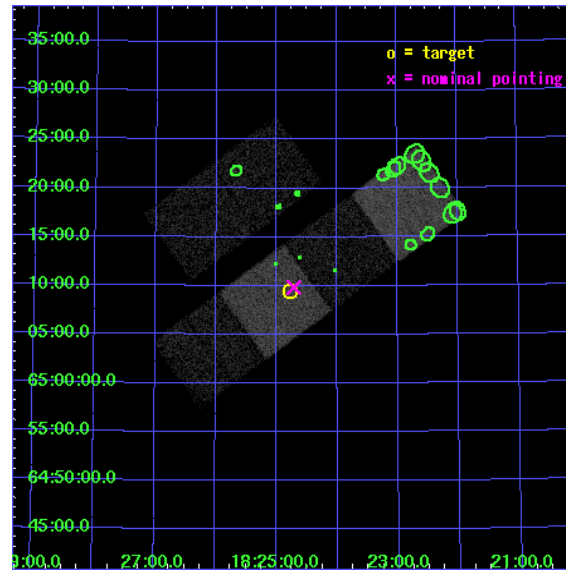
L2 Processing Date : Sep 16 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

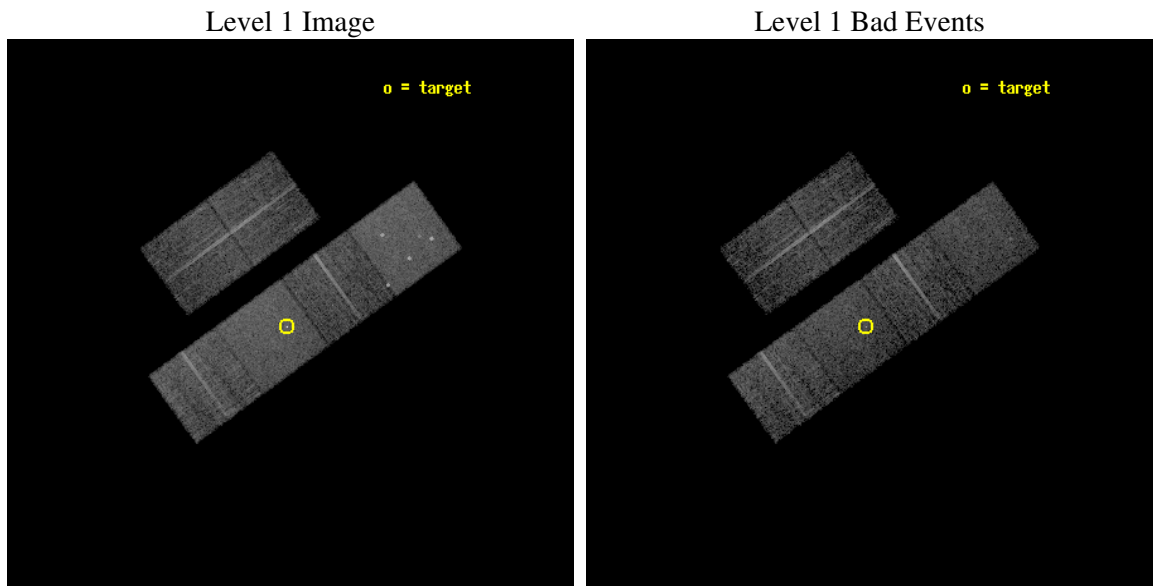
seq_num	700517
obs_id	3078
title	X-RAY WEAK BROAD-LINE QUASARS: ABSORPTION OR INTRINSIC X_RAY WEAKNESS ?
observer	Dr Guido Risaliti
object	HS 1824+6507
dtcycle	0
cycle	P
ra_targ	276.194583
dec_targ	65.157
ra_nom	276.17848575851
dec_nom	65.164010184576
roll_nom	144.00747534298
revision	2
ontime	6943.7540629804
livetime	6855.8280680082
ontime2	6943.7540430725
ontime3	6943.7540430725
ontime5	6943.7540629804
ontime6	6943.7540430725
ontime7	6943.7540629804
ontime8	6943.7540629804
l2events	63958



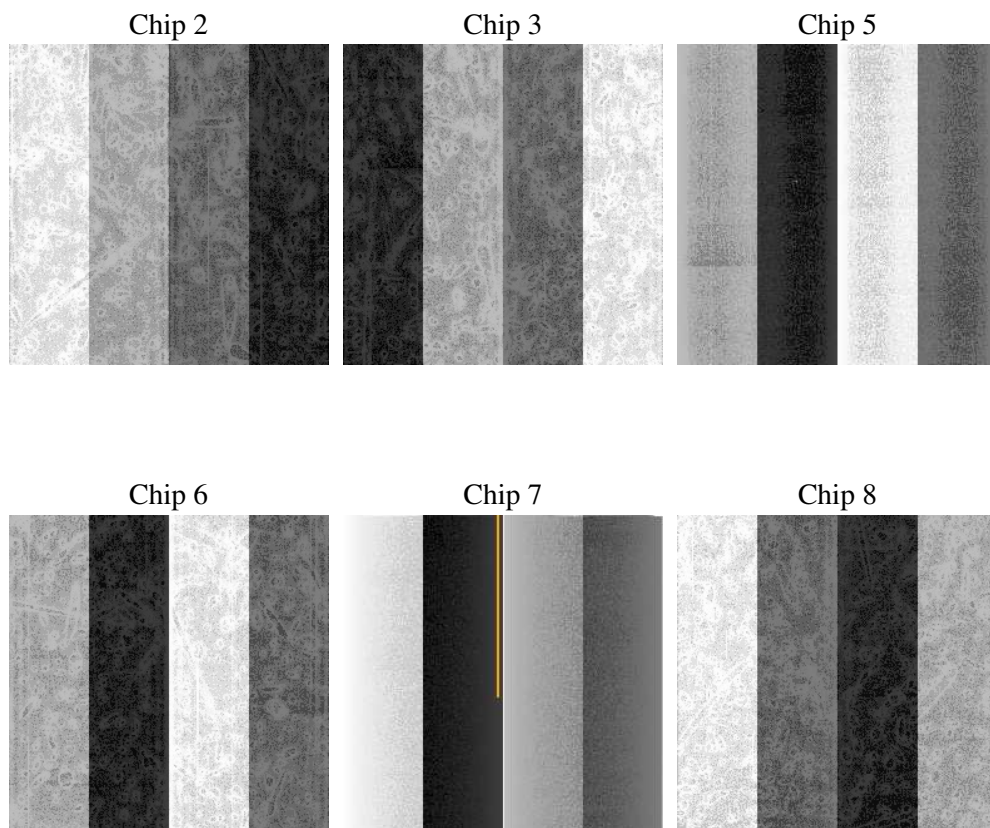
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-09-16T17:42:18
revision	2

sched_exp_time	7000.000000
ontime	6948.7043634653
ontime2	6948.7043435574
ontime3	6948.7043435574
ontime5	6948.7043634653
ontime6	6948.7043435574
ontime7	6948.7043634653
ontime8	6948.7043634653
l1events	291139

2.1.4 Events

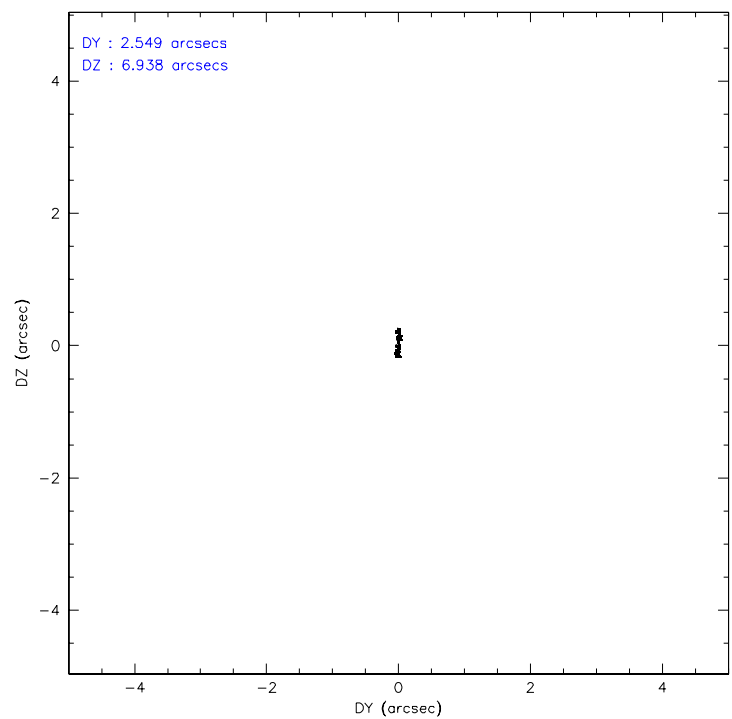
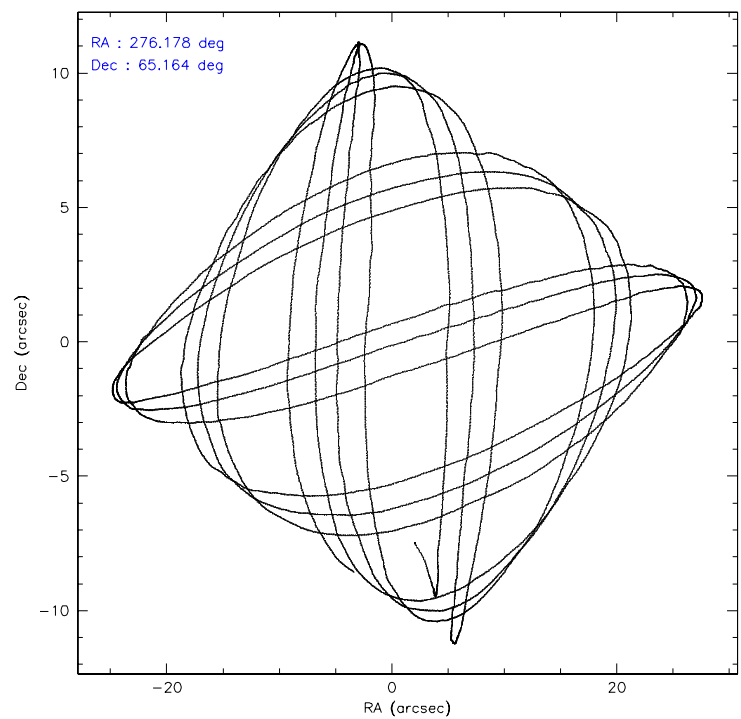
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	41065	39274	61327	41113	56443	51917
rejected events	36033	34526	33638	35953	34130	41896
rejected %	87%	87%	54%	87%	60%	80%

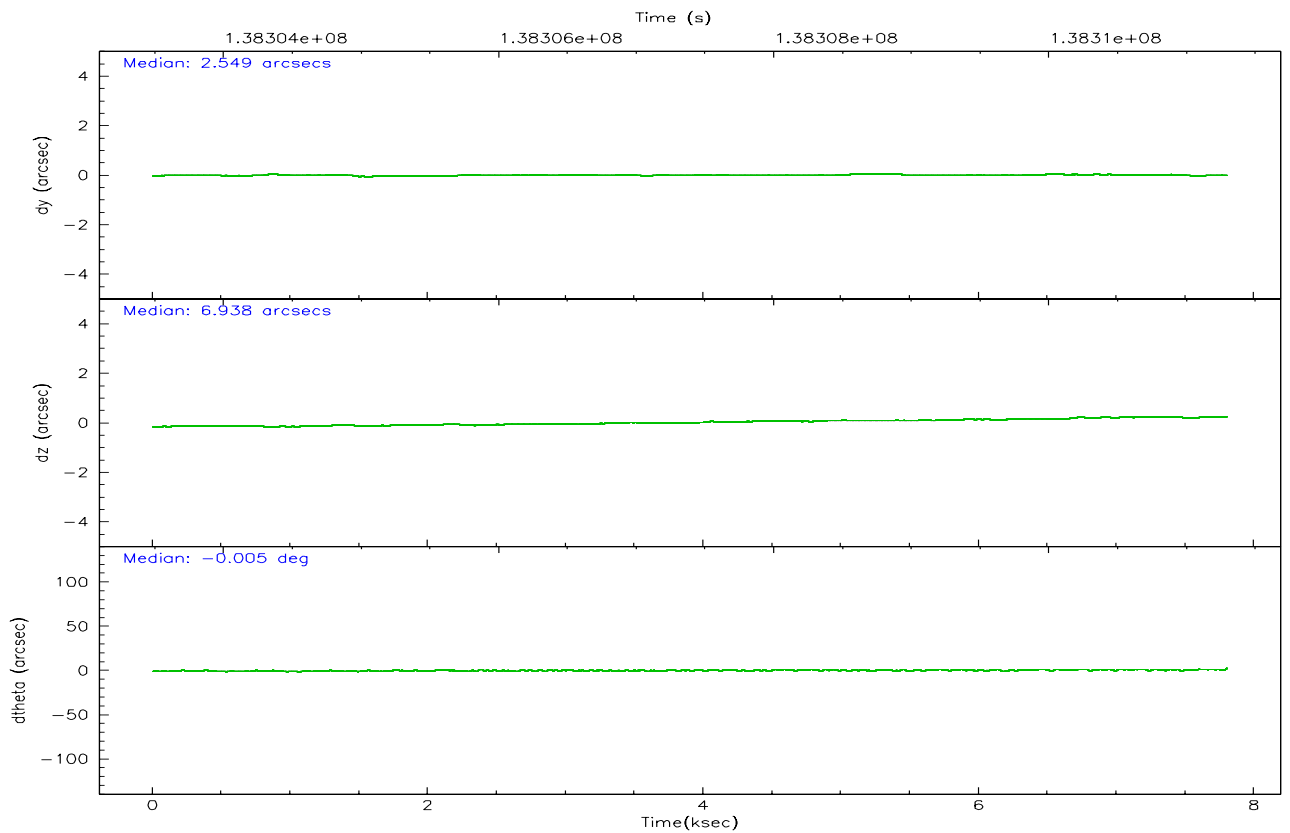
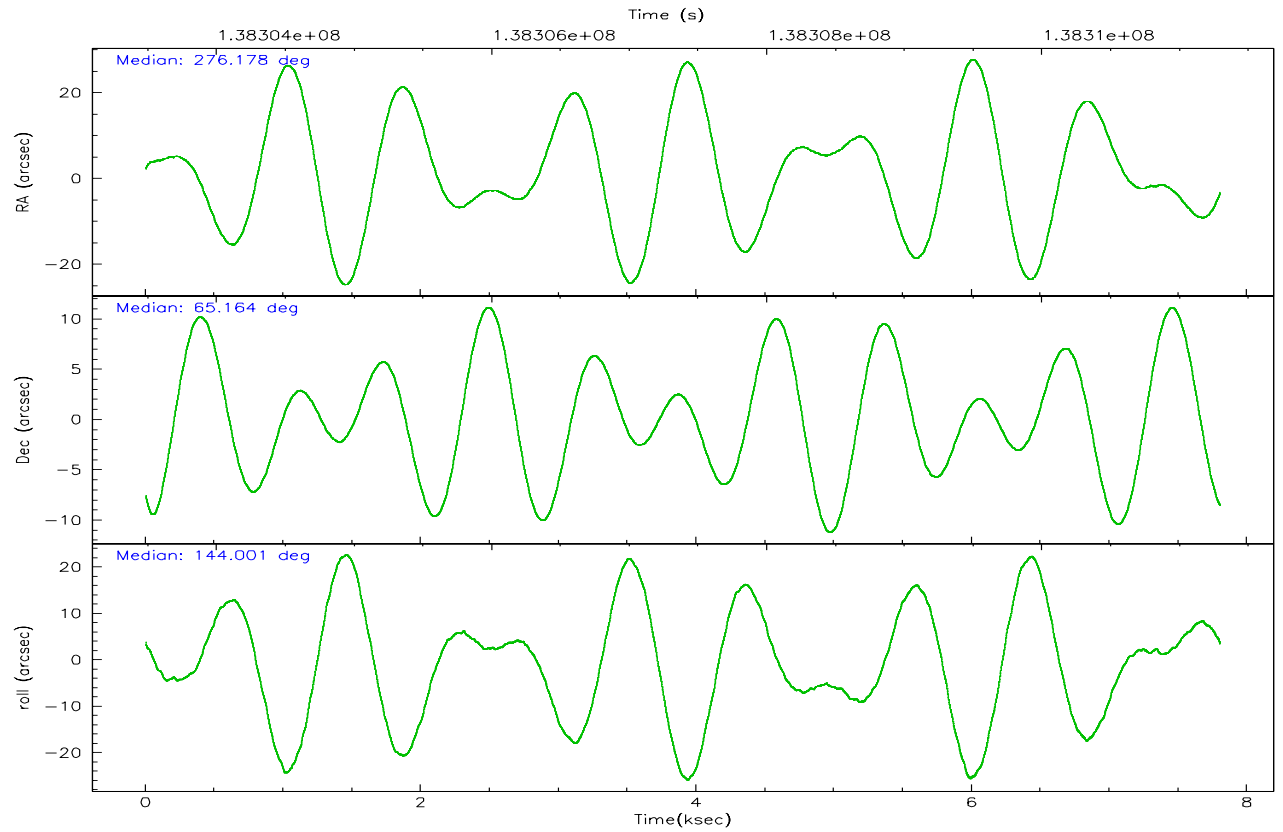
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	2239	1967	3268	2171	1660	3249
	5%	5%	5%	5%	2%	6%
grade 1 events	13	18	75	15	60	18
	0%	0%	0%	0%	0%	0%
grade 2 events	1069	1006	8471	1034	5507	2249
	2%	2%	13%	2%	9%	4%
grade 3 events	444	456	616	493	1224	1052
	1%	1%	1%	1%	2%	2%
grade 4 events	438	469	593	450	1207	954
	1%	1%	0%	1%	2%	1%
grade 5 events	1494	1728	2814	1788	3695	2380
	3%	4%	4%	4%	6%	4%
grade 6 events	845	857	14762	1019	12738	2553
	2%	2%	24%	2%	22%	4%
grade 7 events	34523	32773	30728	34143	30352	39462
	84%	83%	50%	83%	53%	76%

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
Observation mode	POINTING	POINTING	Number of optional ACIS chips dropped	0	0
Pointing RA	276.243176	276.1784857585078	On-chip summing requested	N	N
Pointing Dec	65.161493	65.1640101845764	Subarray requested	NONE	NONE
Pointing Roll	143.792136	144.0074753429794	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	3.2
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	138304296.184000	138303024.88816			
Observation start date	2002-05-20T17:50:32	2002-05-20T17:30:24			
Observation end time	138311296.184000	138311890.11353			
Observation end date	2002-05-20T19:47:12	2002-05-20T19:58:10			
Read mode	TIMED	TIMED			

2.3 Aspect



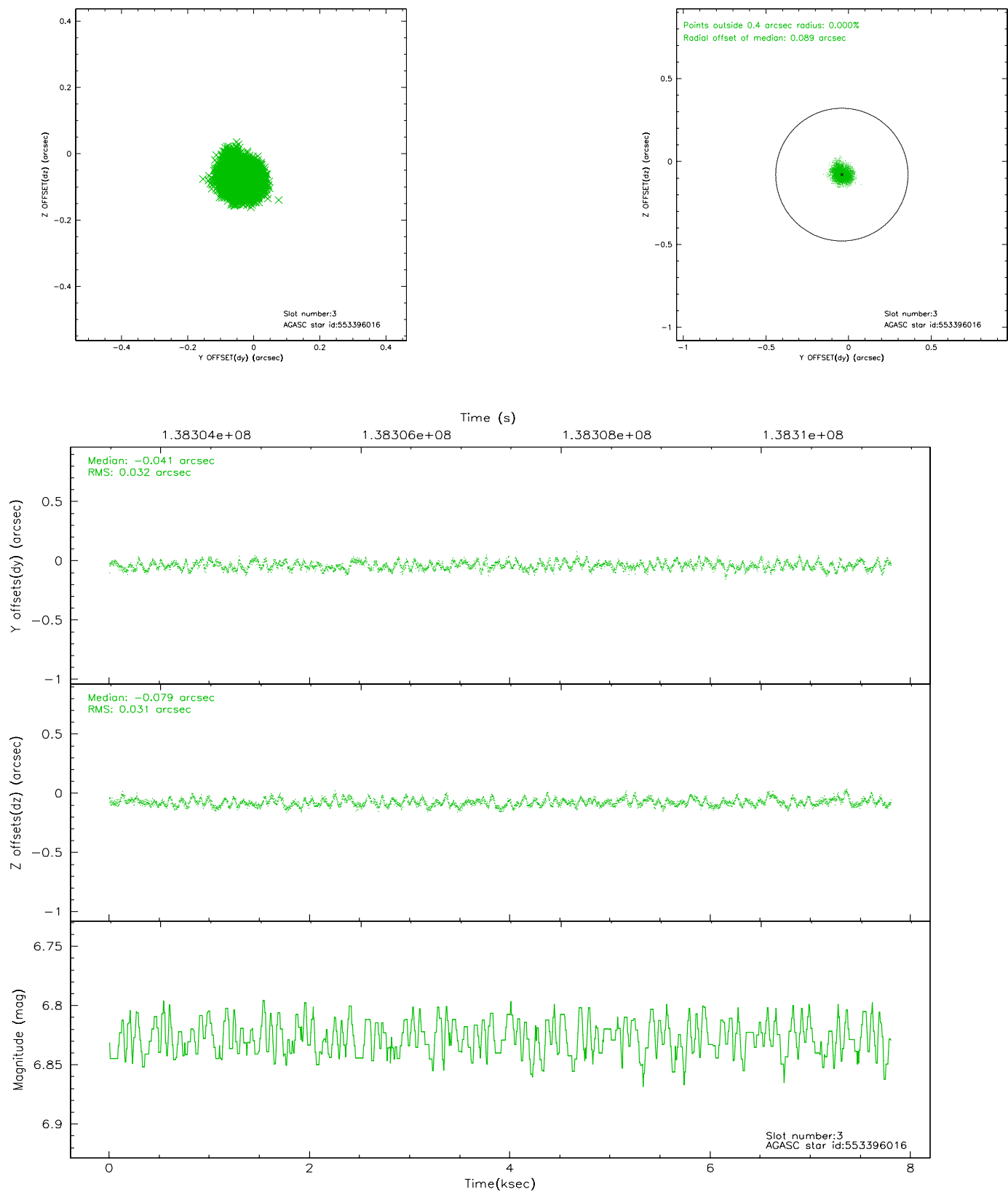


Slot Statistics

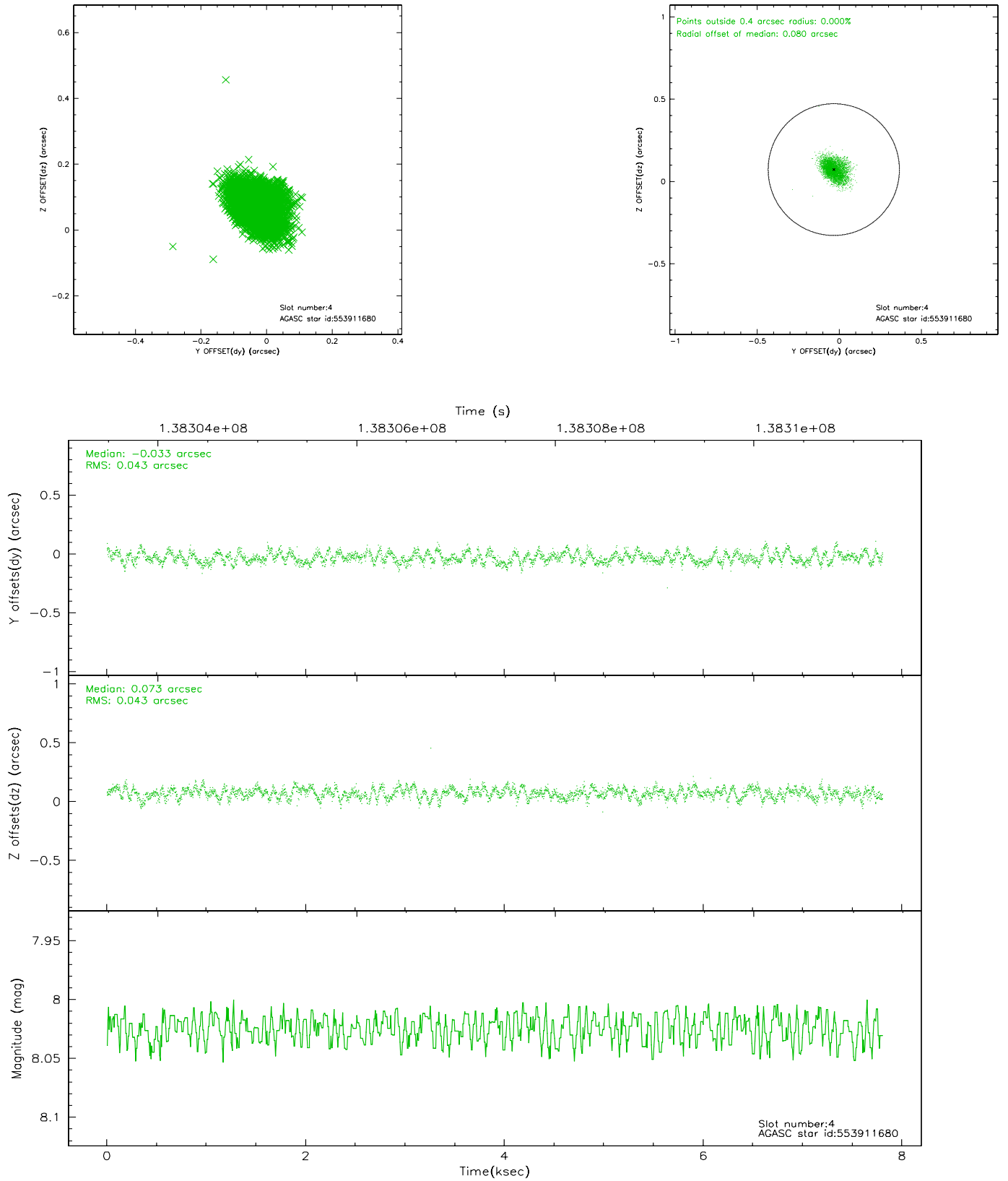
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	1897	0.008	-0.027	0.006	0.011	0.000000	0.000000	940.84	-1723.79
1	FID	ACIS-S-5	7.24	1896	0.032	0.025	0.007	0.010	0.000000	0.000000	-1807.69	173.10
2	FID	ACIS-S-6	7.35	1896	-0.062	0.014	0.008	0.014	0.000000	0.000000	405.58	817.85
3	GUIDE	553396016	6.83	3795	-0.041	-0.079	0.048	0.075	276.292154	64.838422	-748.27	894.34
4	GUIDE	553911680	8.02	3795	-0.033	0.073	0.064	0.104	276.353154	65.759587	1140.13	-1832.61
5	GUIDE	553390088	8.13	3795	0.046	-0.118	0.047	0.077	275.080396	65.321887	1760.28	553.44
6	GUIDE	553389000	9.04	3795	0.044	0.079	0.095	0.157	277.987621	65.371217	-1644.09	-2183.78
7	GUIDE	553390000	9.11	3793	-0.018	0.054	0.074	0.122	274.423010	65.006562	1926.32	2053.27

2.4 Star Slots

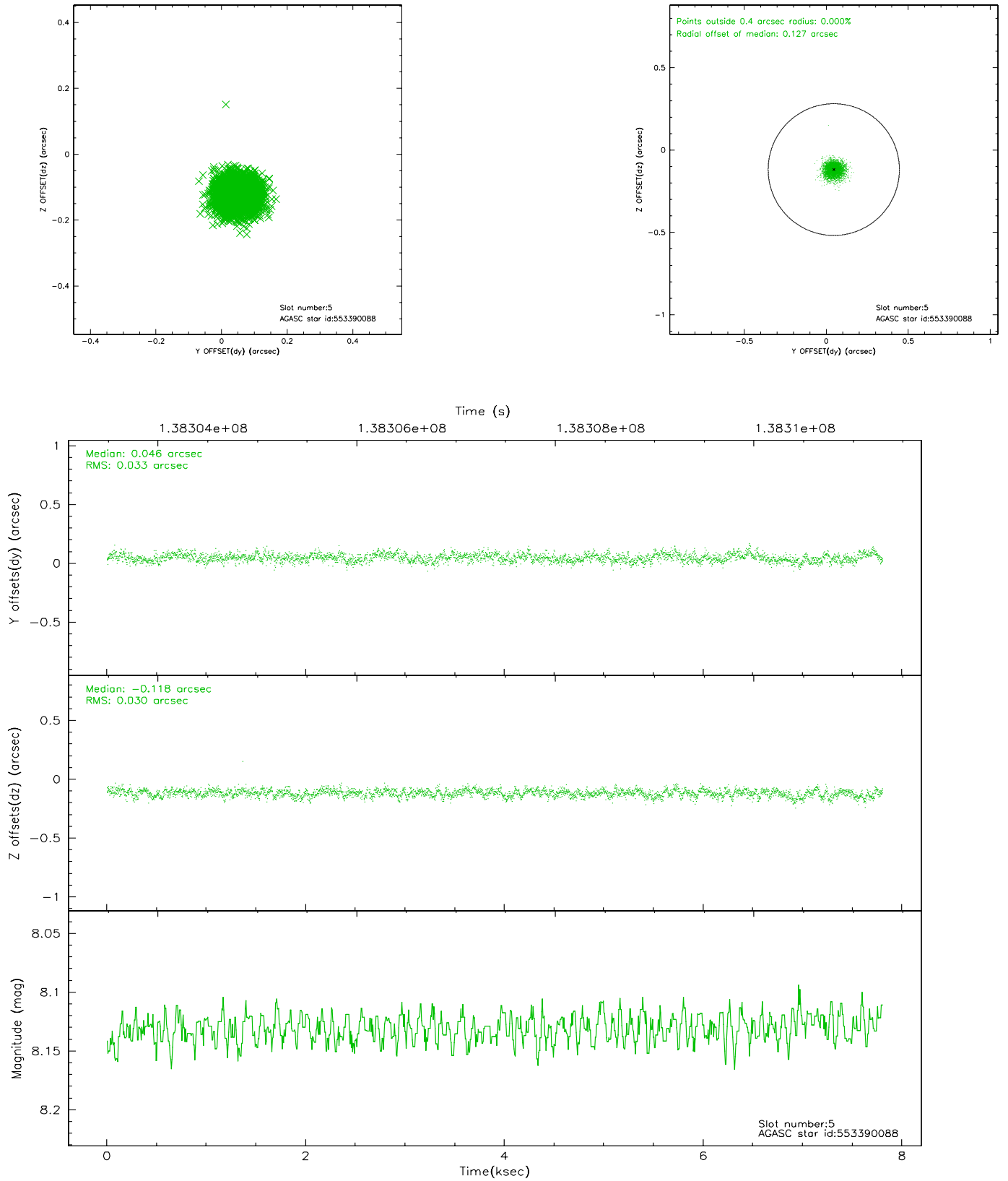
2.4.1 Slot 3



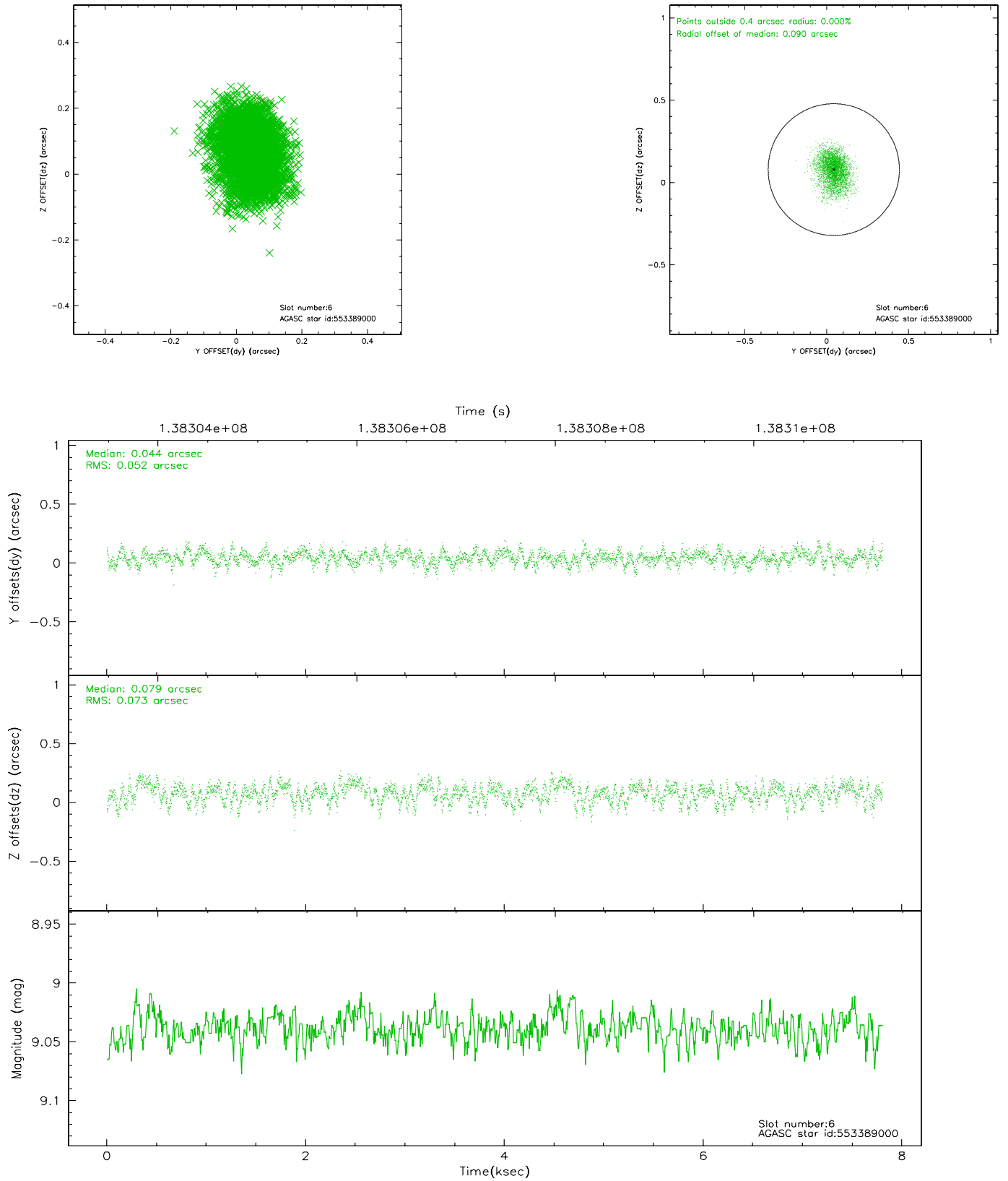
2.4.2 Slot 4



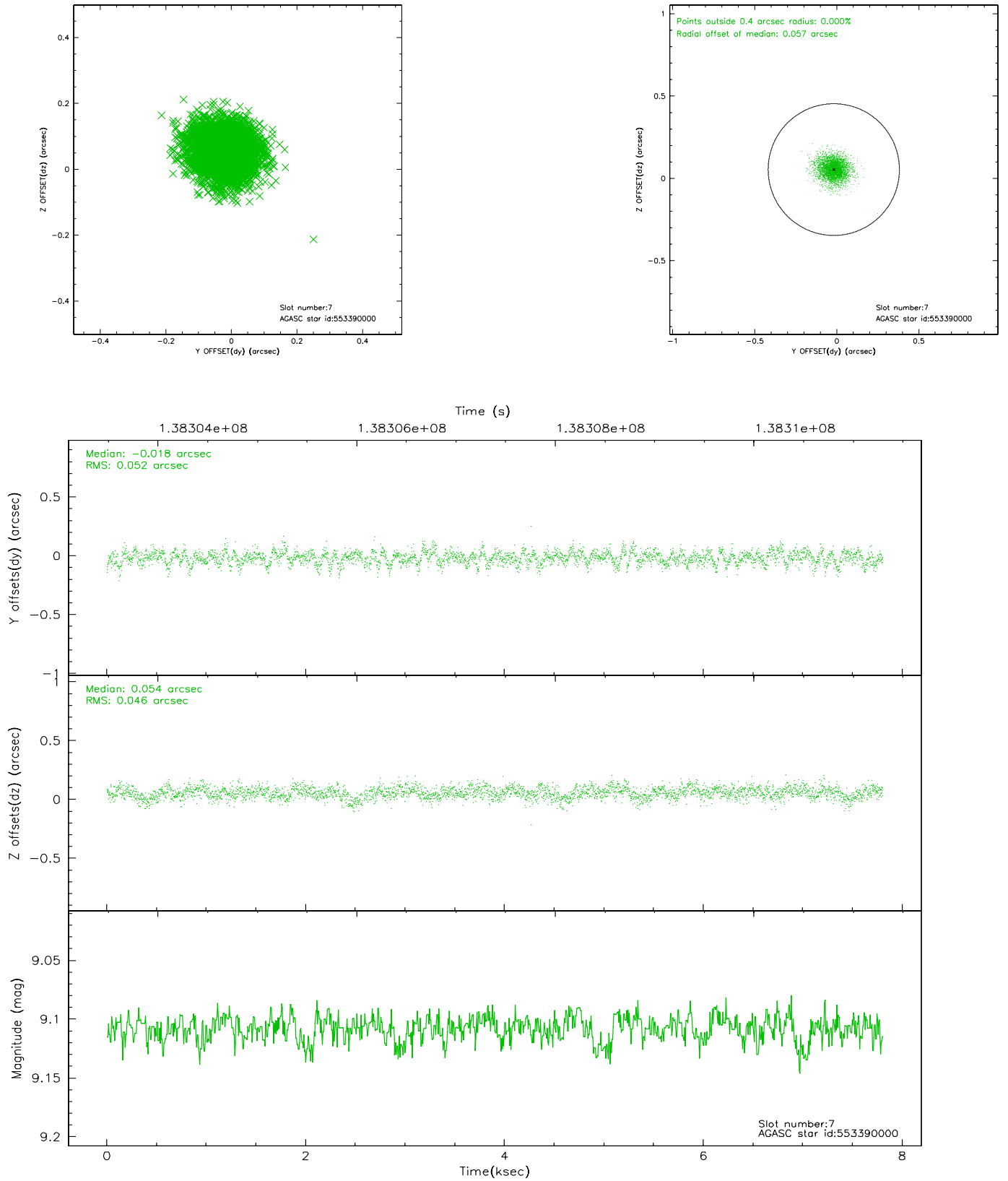
2.4.3 Slot 5



2.4.4 Slot 6

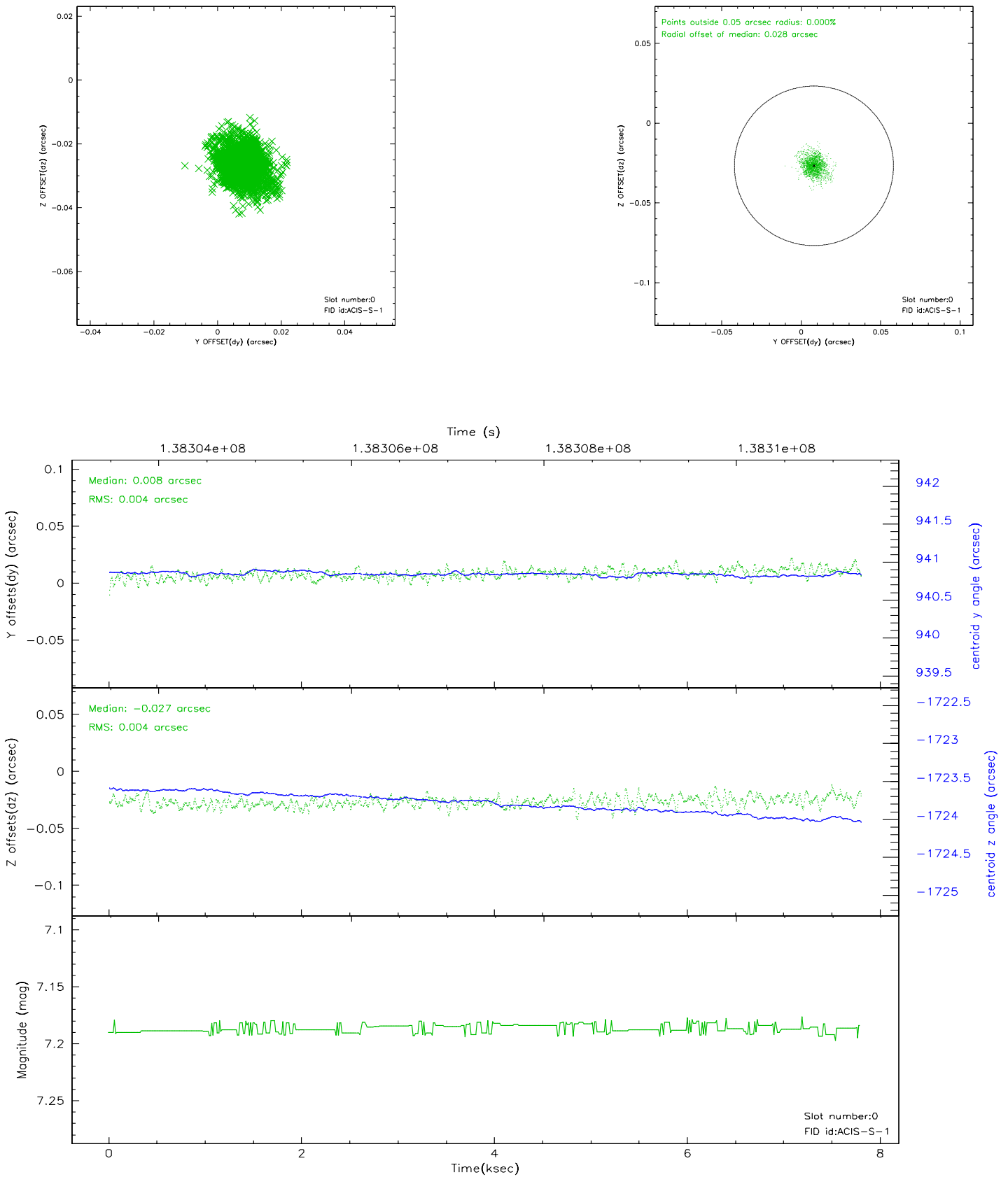


2.4.5 Slot 7

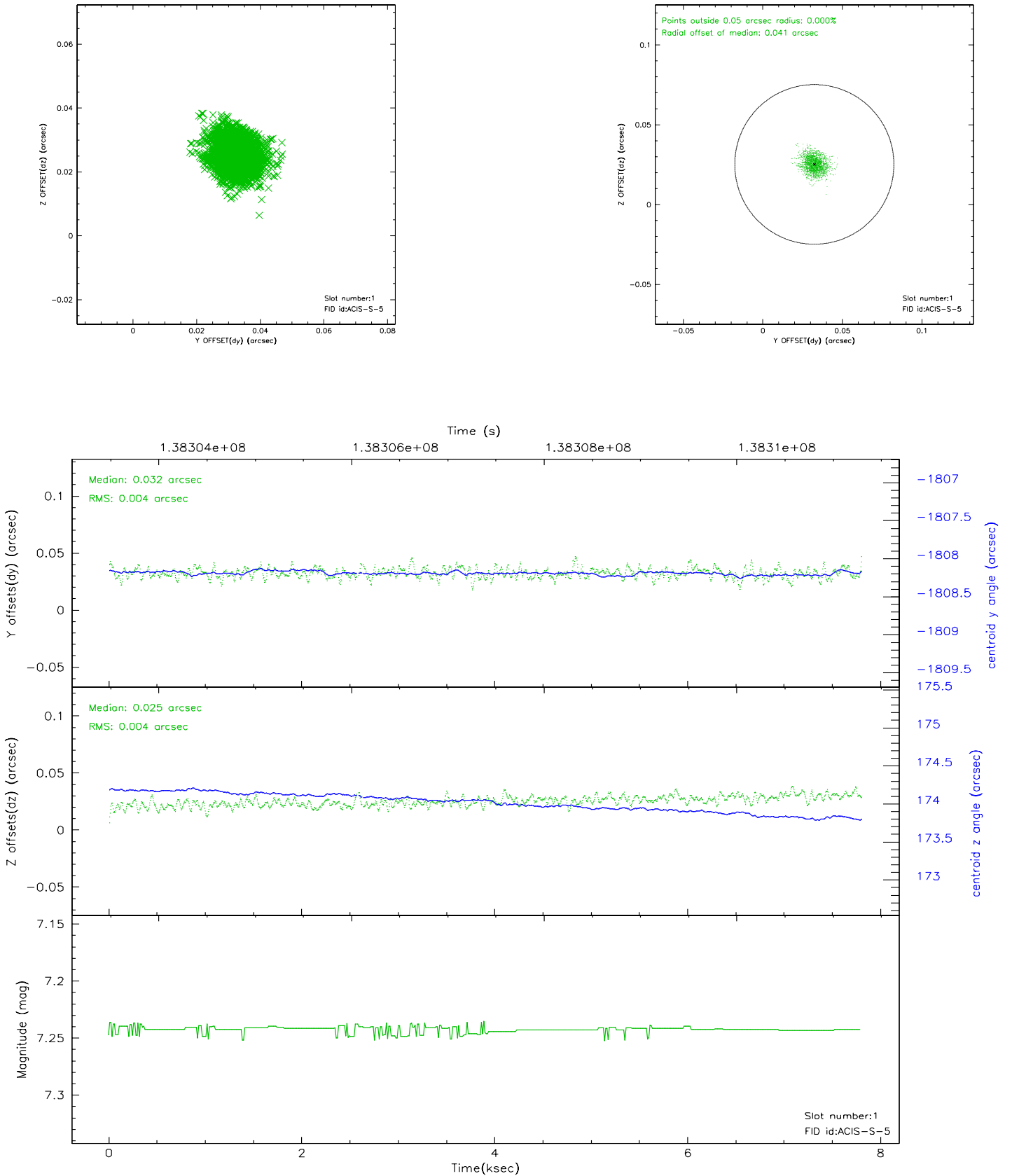


2.5 FID Slots

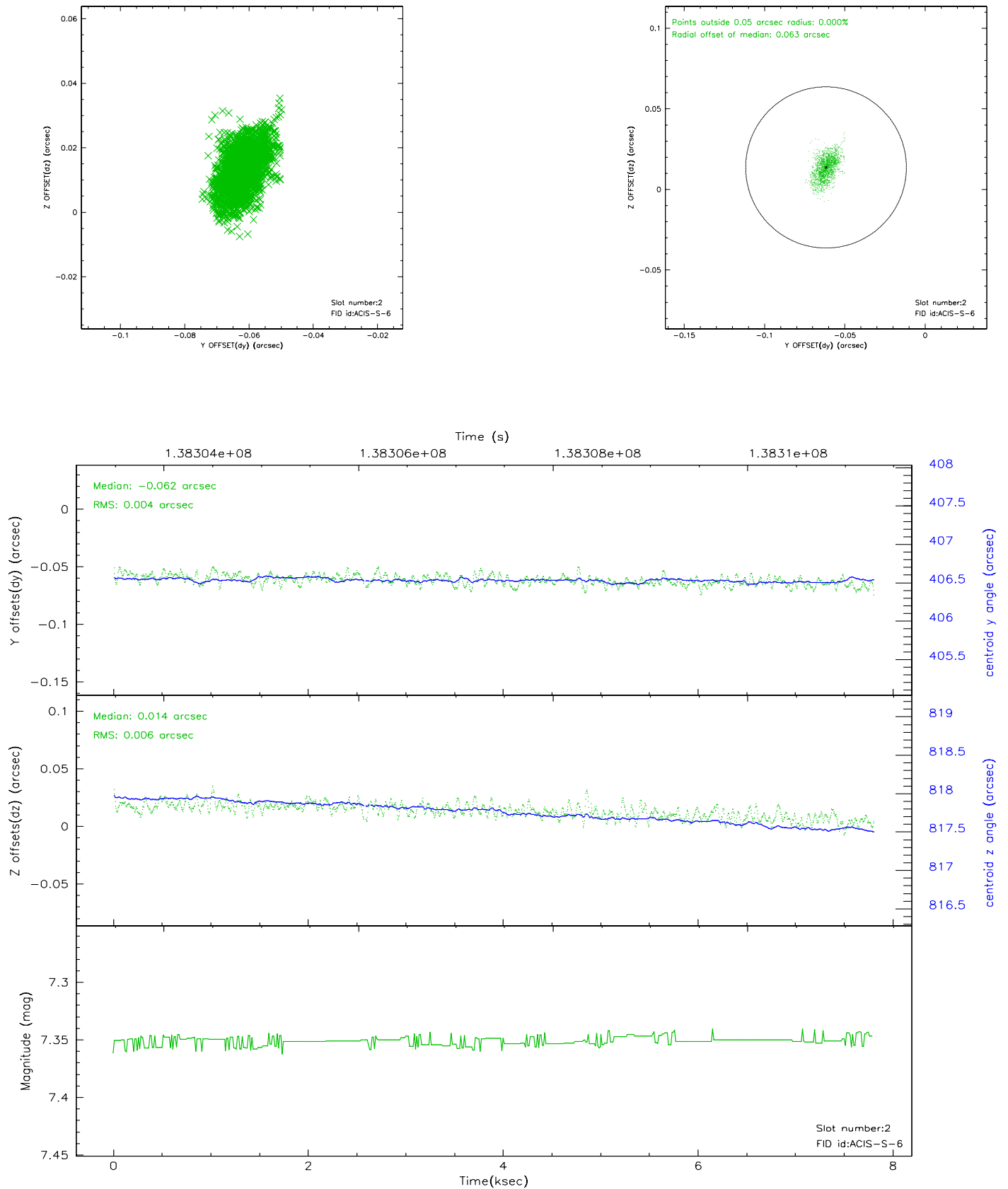
2.5.1 Slot 0



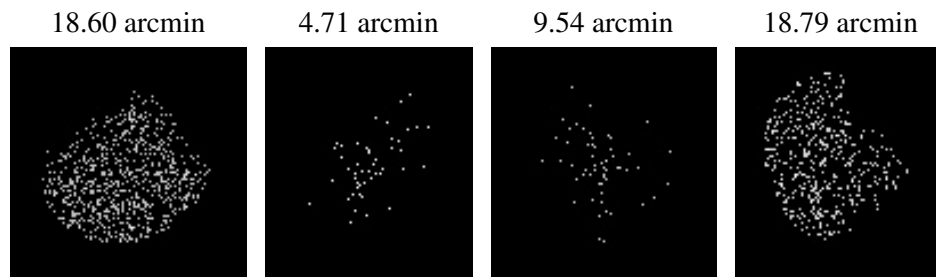
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.09.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.946

A.2 Comments