

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1614 - L2 Version 001
Chandra X-Ray Center

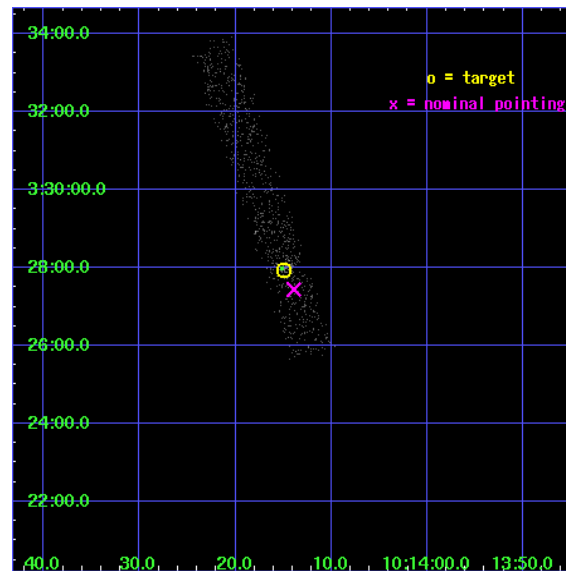
L2 Processing Date : Nov 29 2006

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

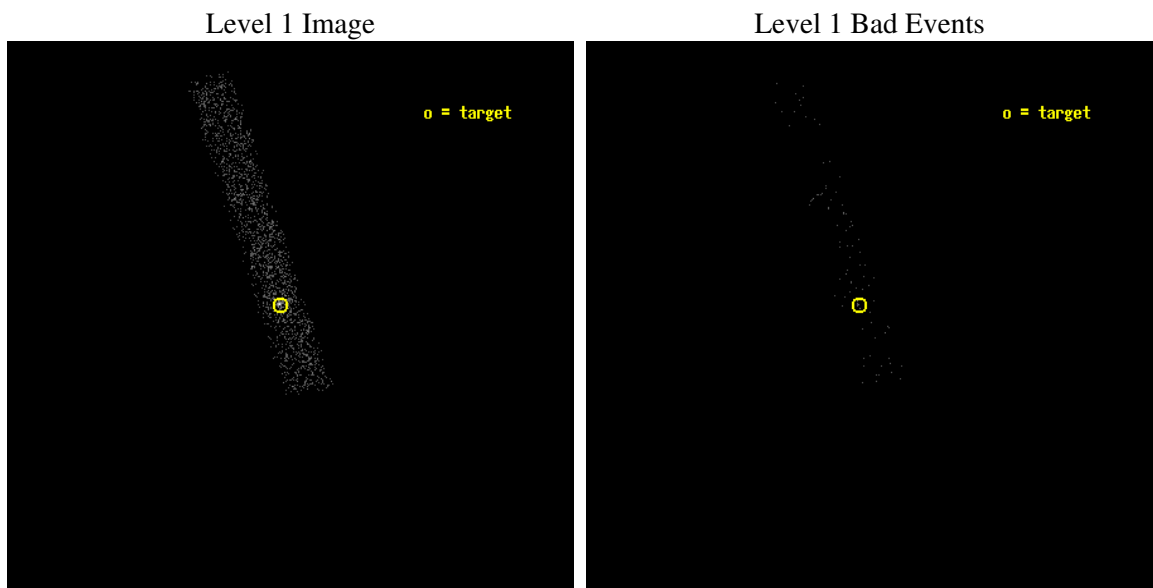
seq_num	700230
obs_id	1614
title	STUDIES OF RADIO JETS AND THE NARROW LINE REGIONS OF ACTIVE GALAXIES
observer	Prof. Andrew Wilson
object	NGC3169
dtcycle	0
cycle	P
ra_targ	153.5625
dec_targ	3.465861
ra_nom	153.55795578731
dec_nom	3.4573329153262
roll_nom	251.95043167943
revision	2
ontime	2153.2000320852
livetime	1952.8387738846
ontime7	2153.2000320852
l2events	1145



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldbver	3.2.4
date	2006-11-29T13:39:31
revision	2

sched_exp_time	2000.000000
ontime	3239.839545846
ontime7	3239.839545846
l1events	3465

2.1.4 Events

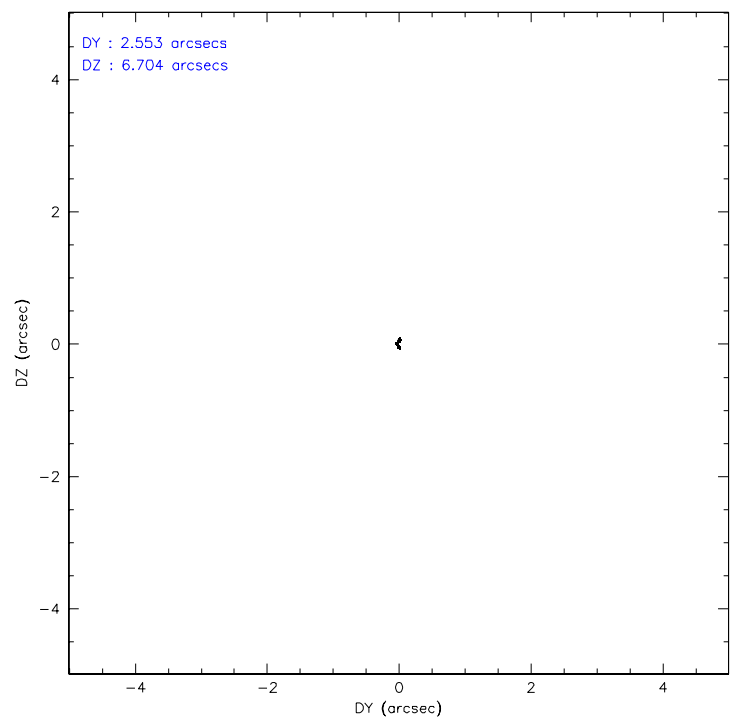
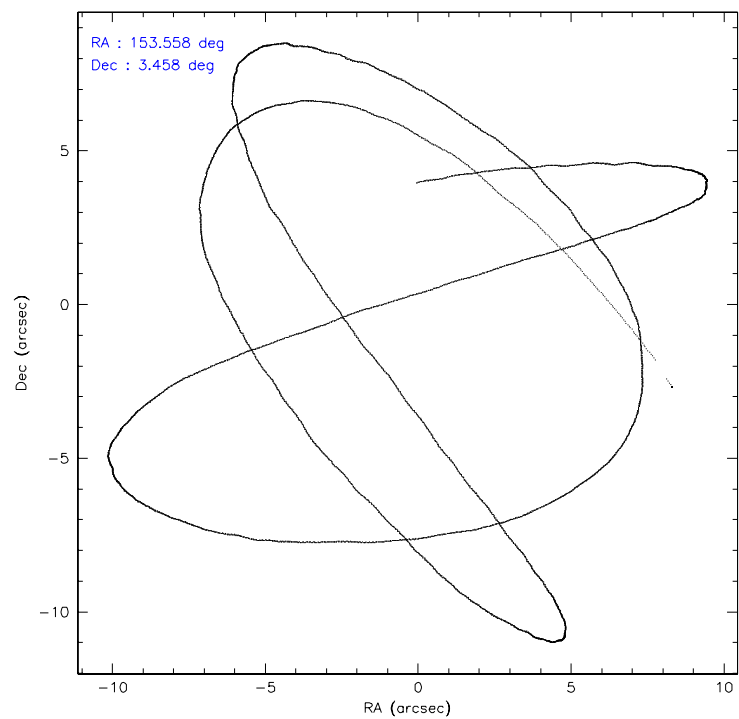
	ccd 7
level 1 events	3465
rejected events	2277
rejected %	65%

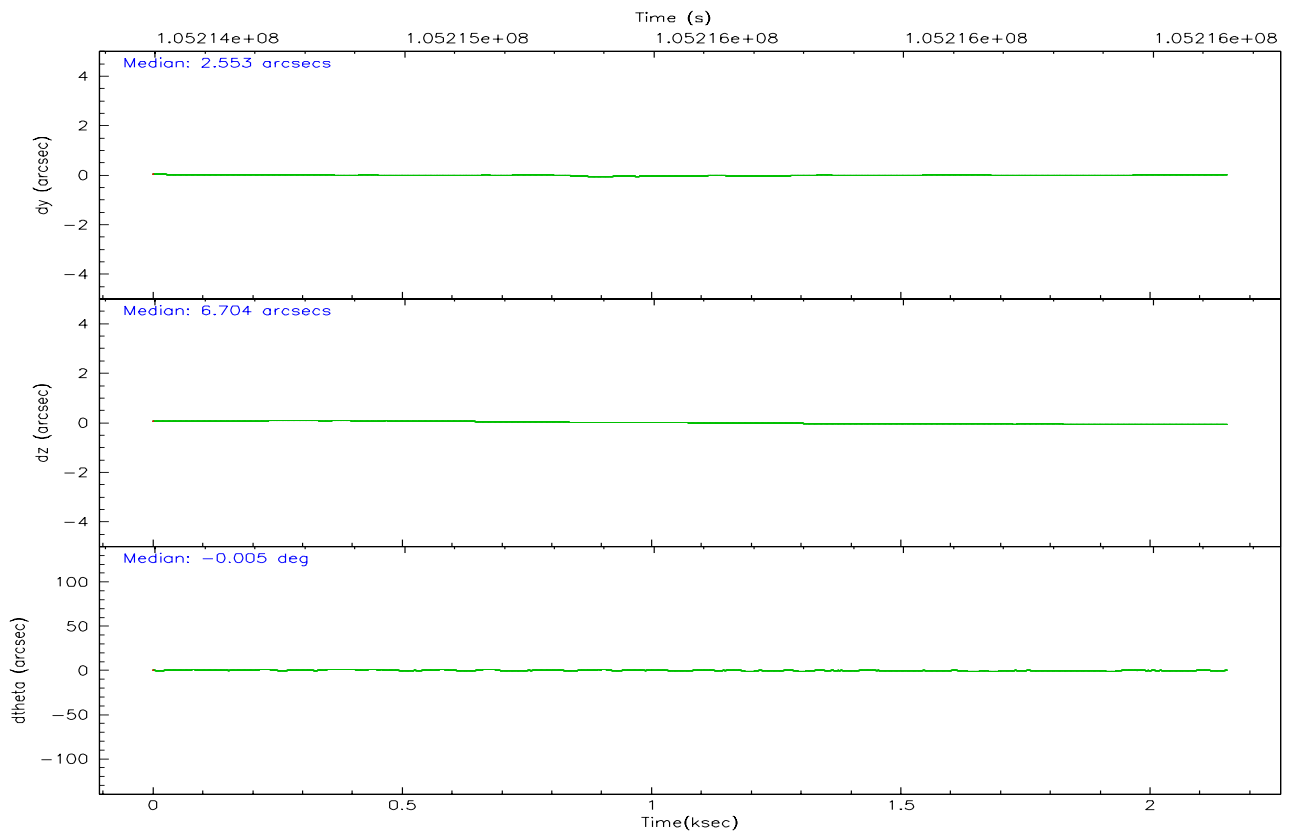
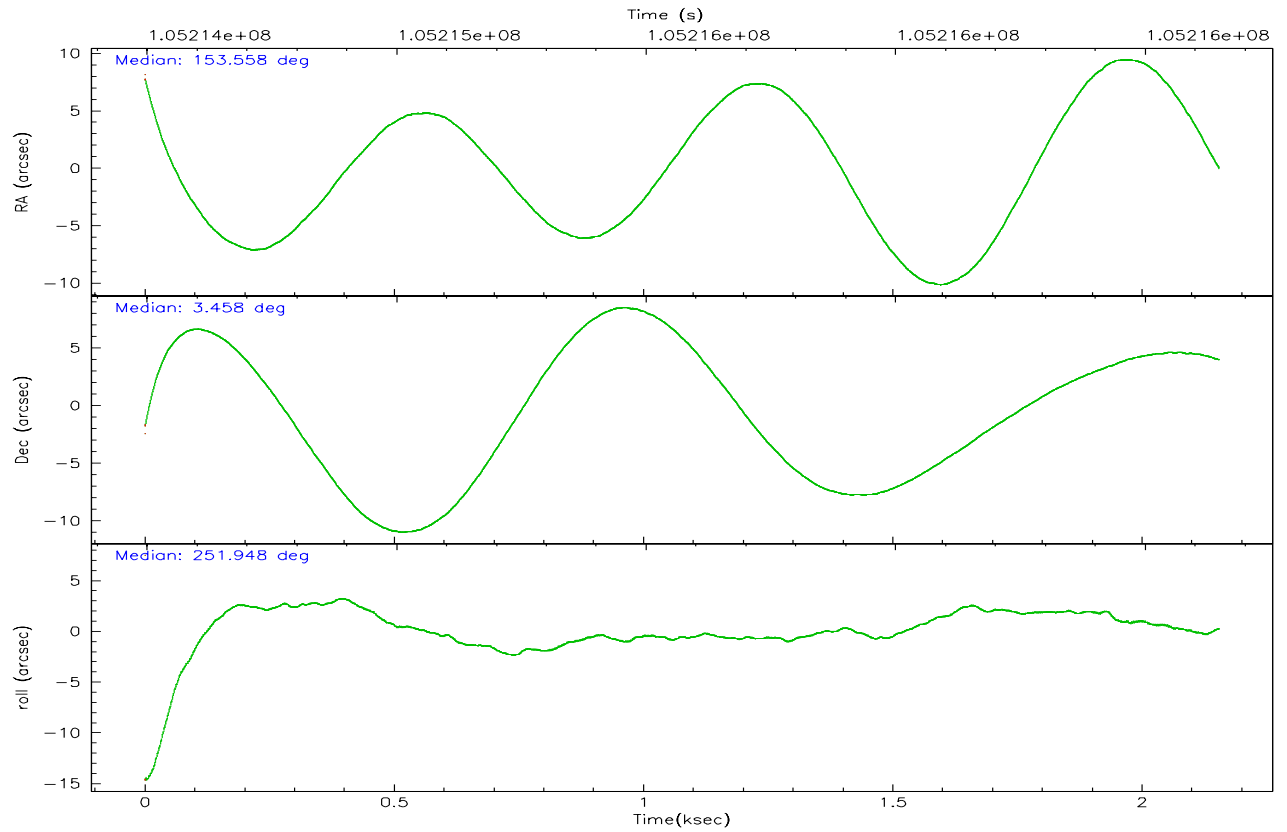
	ccd 7
grade 0 events	185
	5%
grade 1 events	1
	0%
grade 2 events	393
	11%
grade 3 events	191
	5%
grade 4 events	177
	5%
grade 5 events	225
	6%
grade 6 events	765
	22%
grade 7 events	1528
	44%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-7	ACIS-7	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	153.551924	153.557955787312	Subarray requested	CUSTOM	1/8
Pointing Dec	3.483893	3.457332915326216	Subarray start row	447	447
Pointing Roll	251.794221	251.9504316794305	Subarray row count	128	128
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	0.4
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	105214650.184000	105213411.35735			
Observation start date	2001-05-02T18:16:26	2001-05-02T17:56:51			
Observation end time	105216650.184000	105217465.74501			
Observation end date	2001-05-02T18:49:46	2001-05-02T19:04:25			
Read mode	TIMED	TIMED			

2.3 Aspect



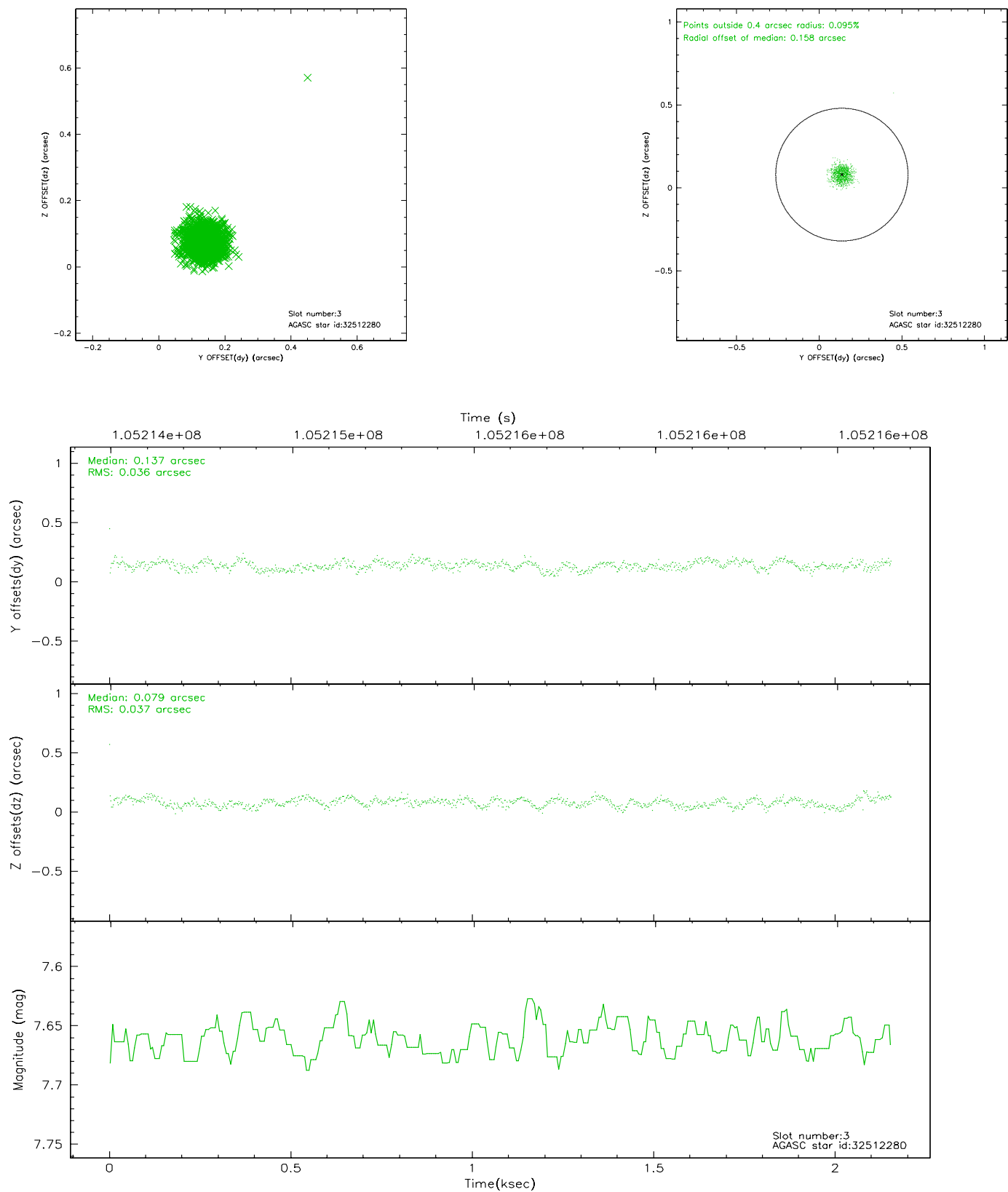


Slot Statistics

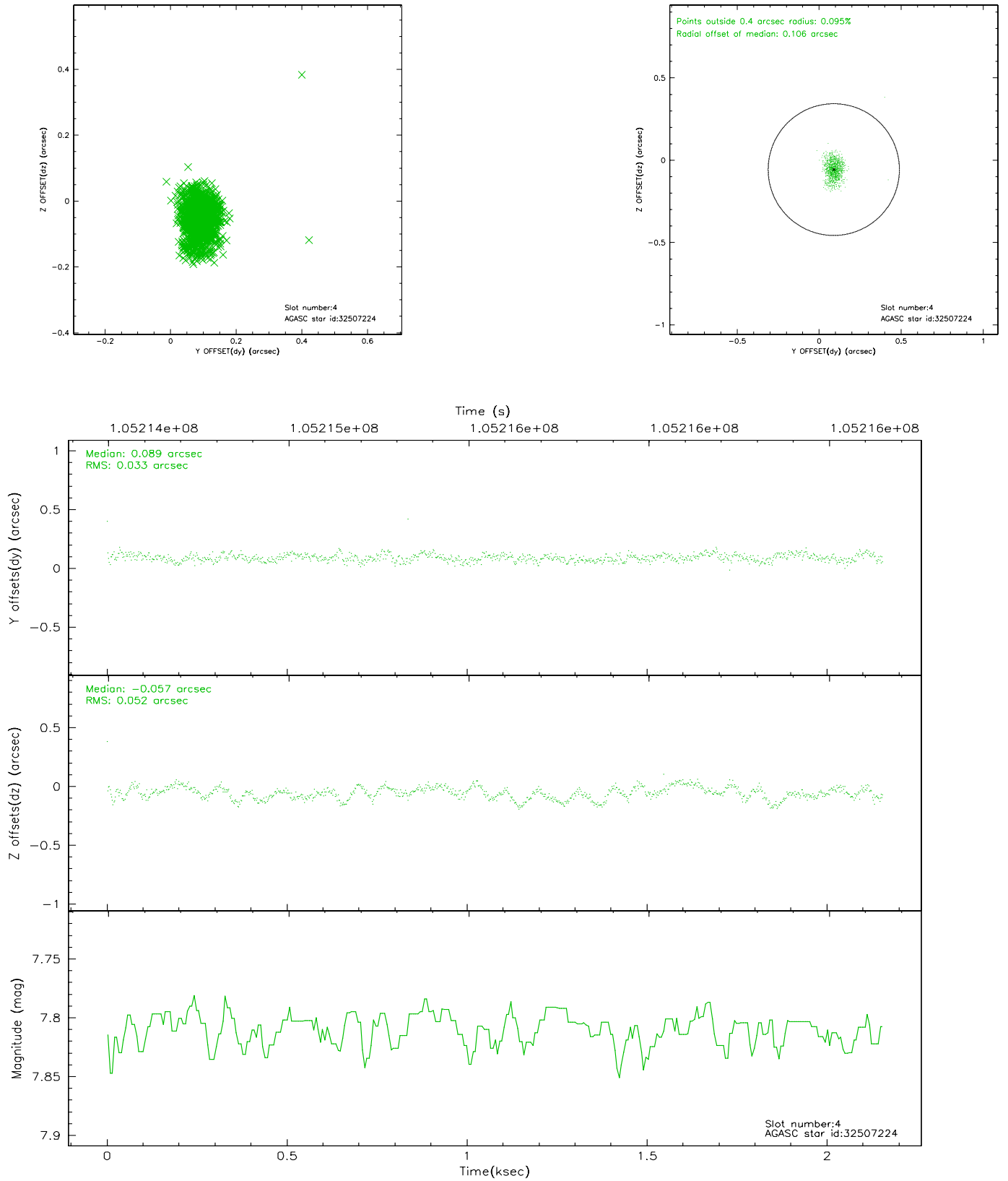
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	526	-0.007	0.027	0.006	0.010	0.000000	0.000000	-755.17	-1727.85
1	FID	ACIS-S-4	7.19	526	-0.085	-0.004	0.005	0.009	0.000000	0.000000	2156.65	177.51
2	FID	ACIS-S-5	7.23	526	0.061	-0.014	0.006	0.011	0.000000	0.000000	-1804.06	174.58
3	GUIDE	32512280	7.66	1052	0.137	0.079	0.051	0.081	153.305404	3.072725	1683.85	-379.44
4	GUIDE	32507224	7.81	1052	0.089	-0.057	0.063	0.104	153.534729	3.151296	1159.56	315.40
5	GUIDE	32513256	8.09	1052	0.082	0.068	0.048	0.079	153.261540	3.156817	1446.50	-623.39
6	GUIDE	32518416	9.93	1052	-0.171	-0.046	0.104	0.172	153.076863	3.891454	-859.09	-2080.17
7	GUIDE	32516800	9.41	1051	-0.137	-0.040	0.088	0.139	153.712885	3.923231	-1683.31	52.86

2.4 Star Slots

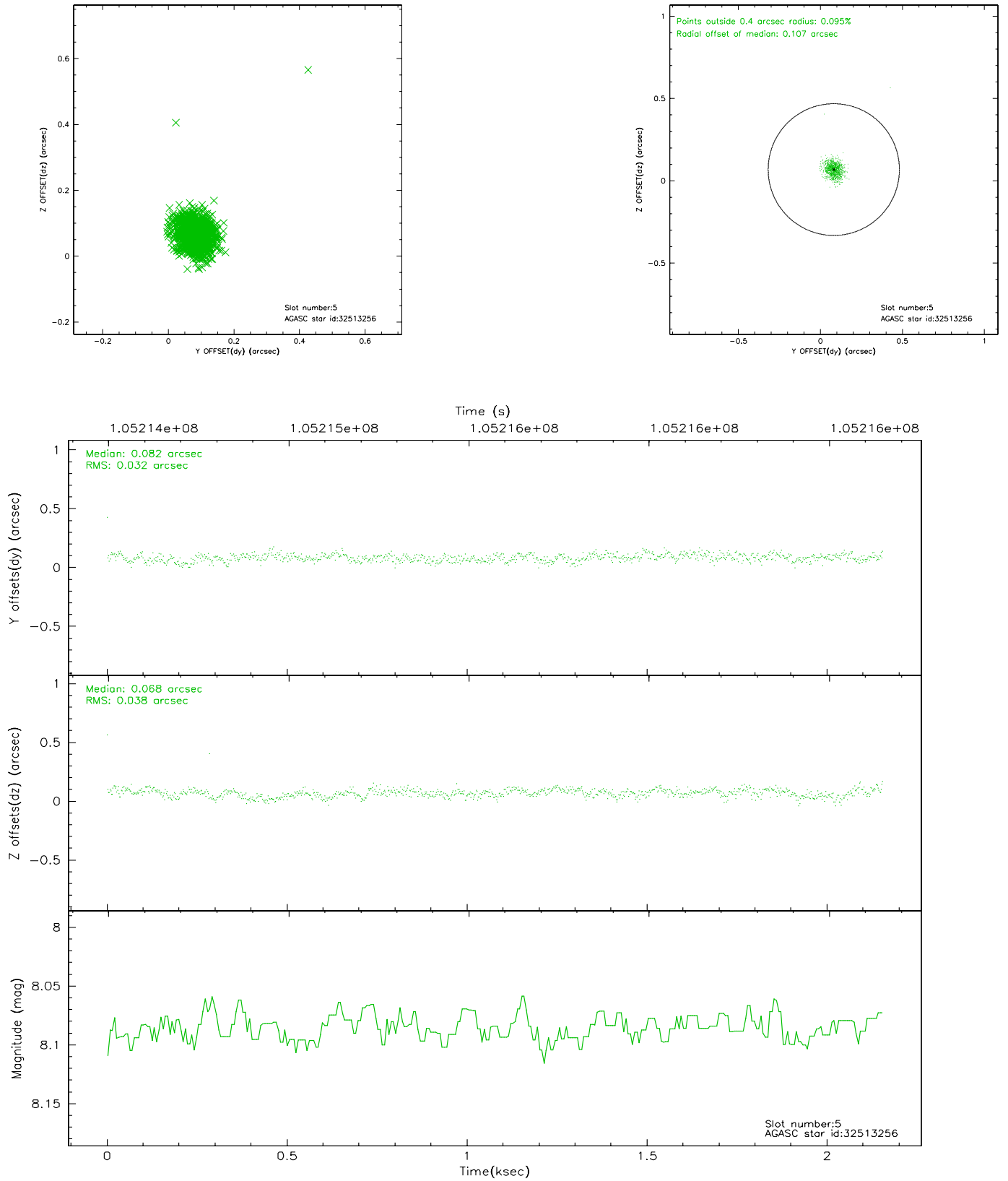
2.4.1 Slot 3



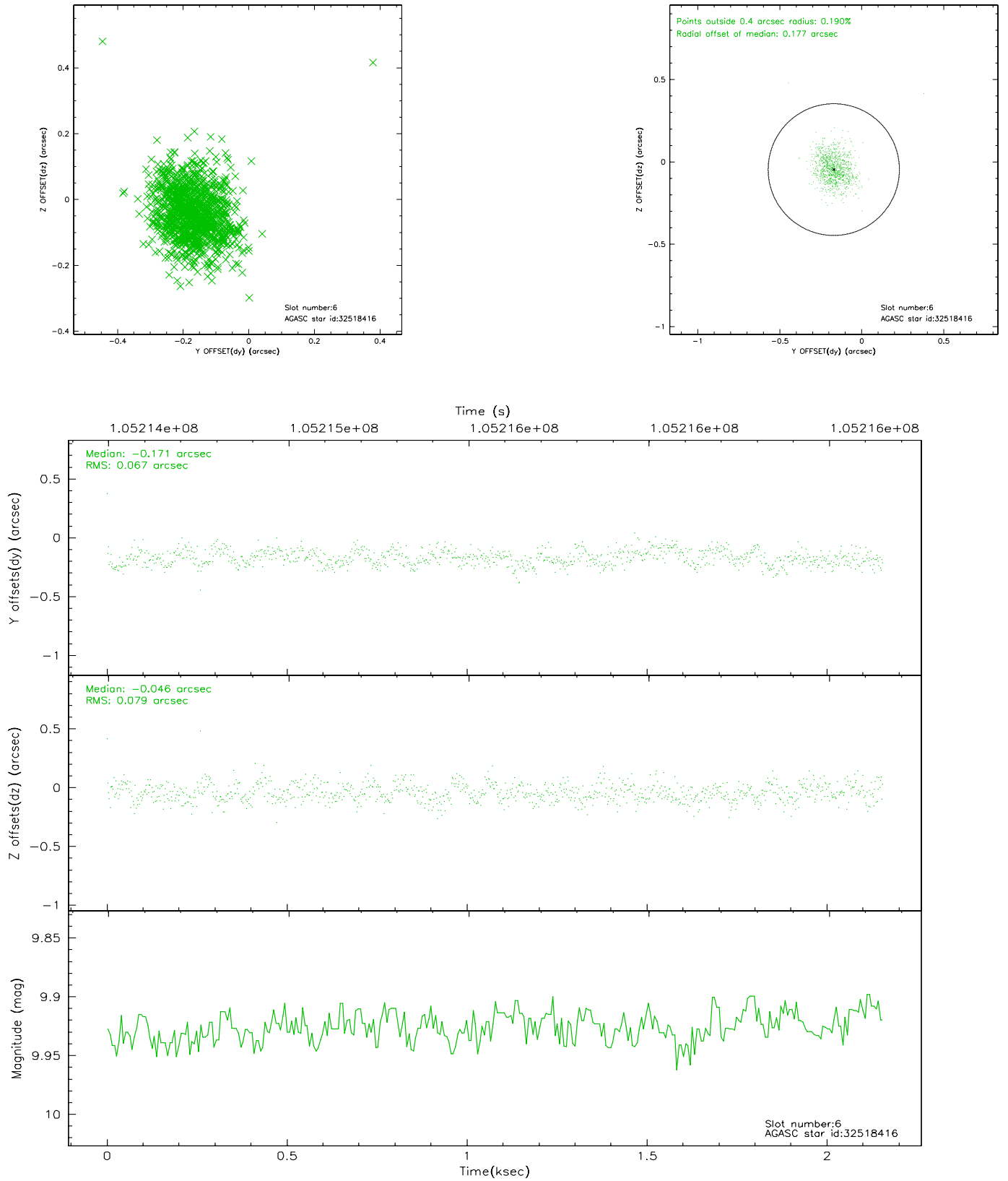
2.4.2 Slot 4



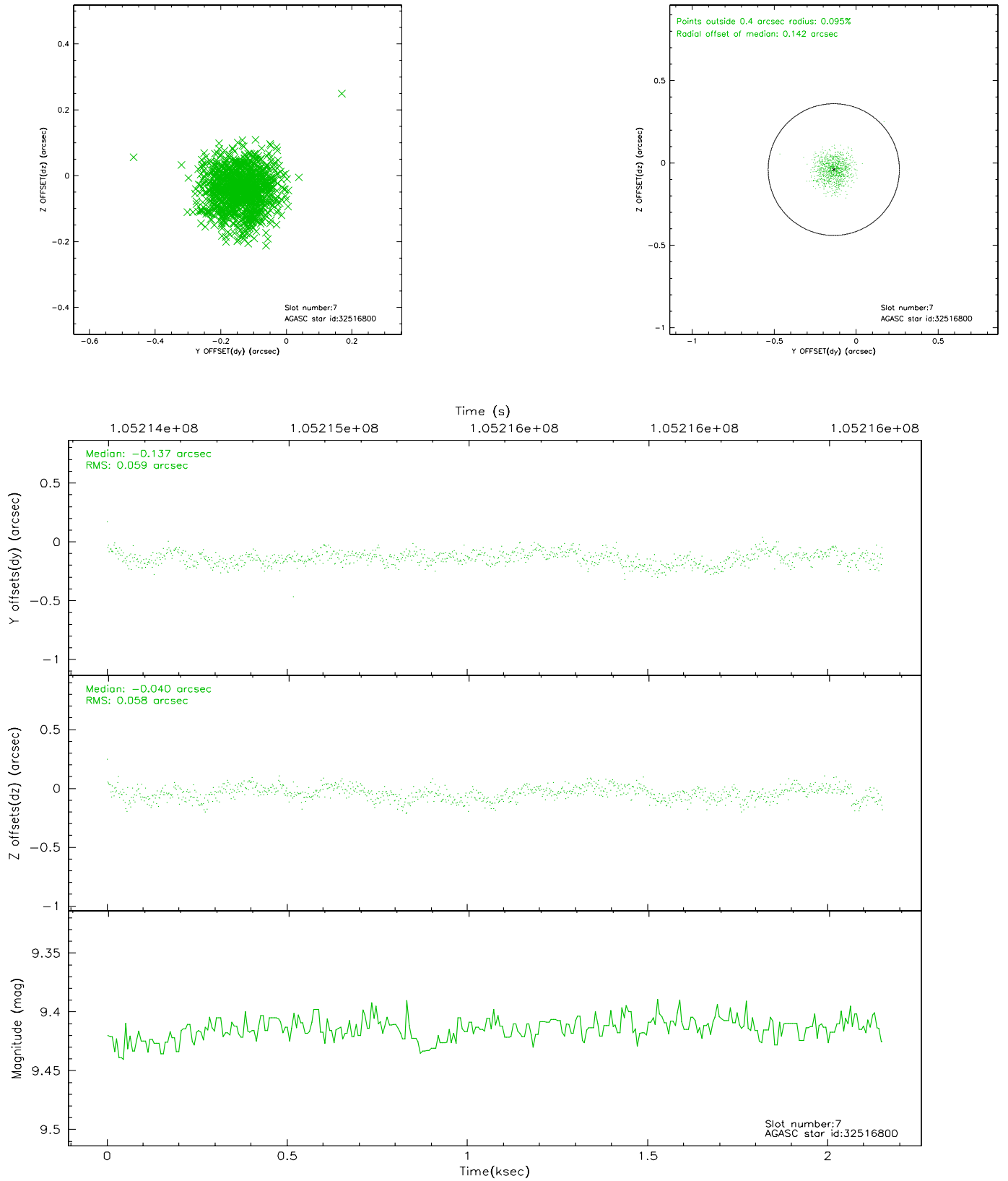
2.4.3 Slot 5



2.4.4 Slot 6

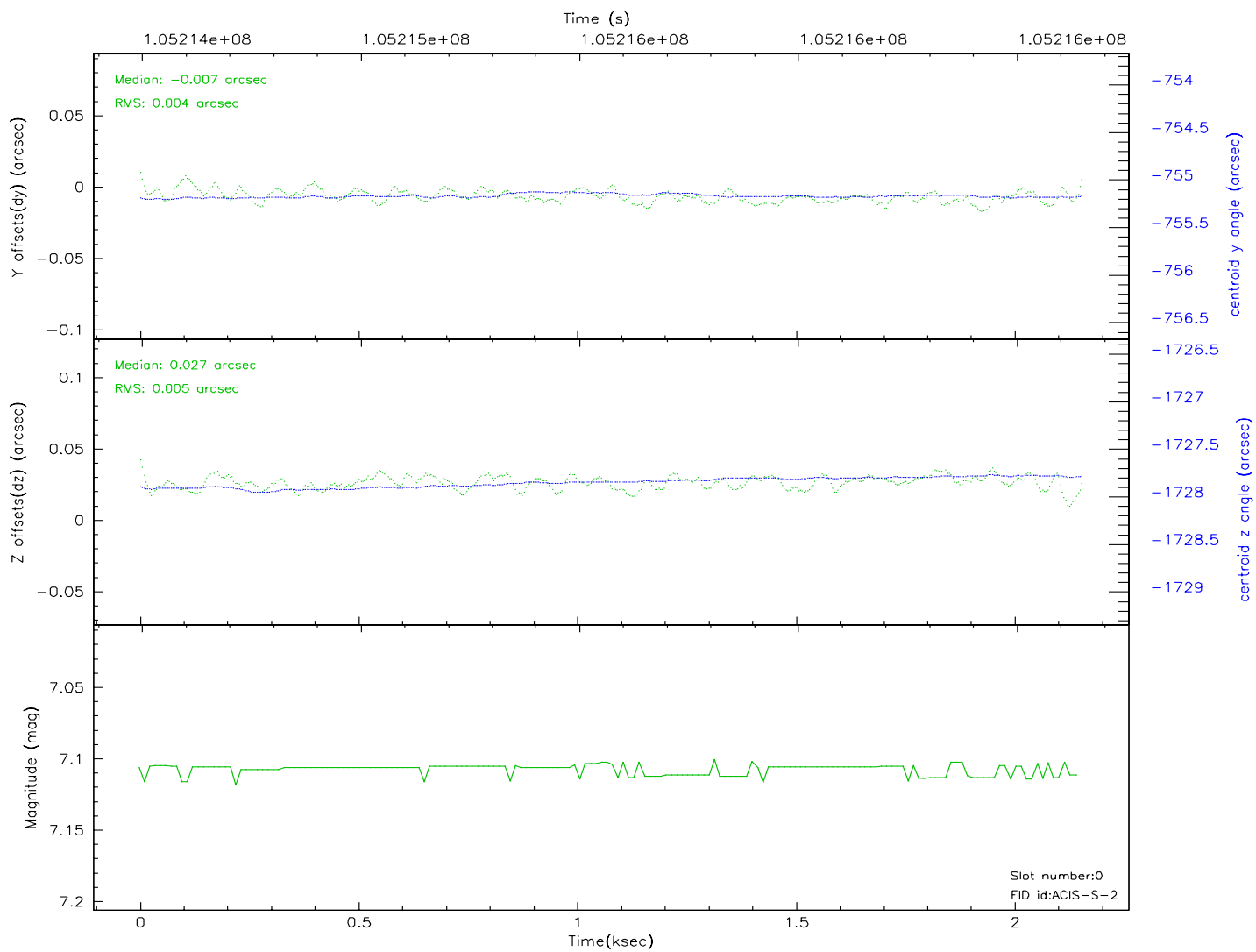
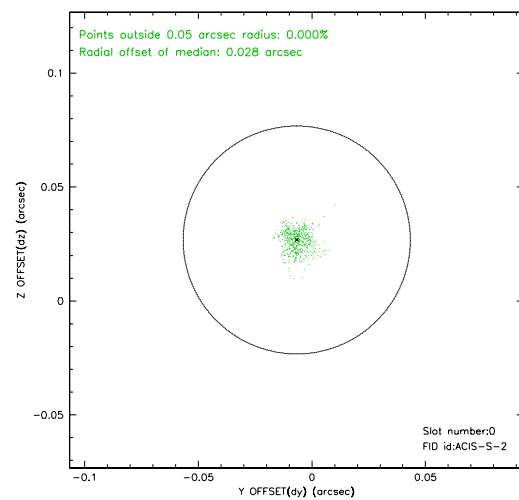
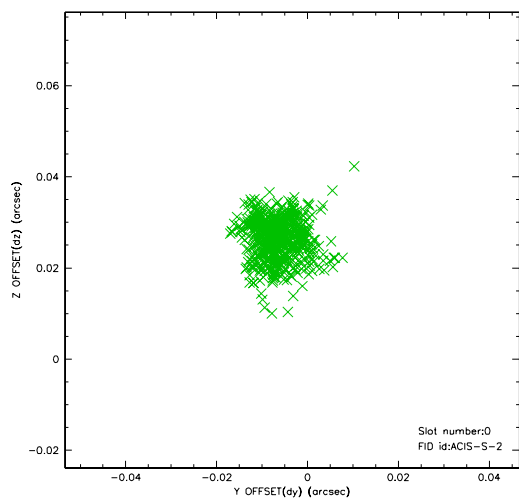


2.4.5 Slot 7

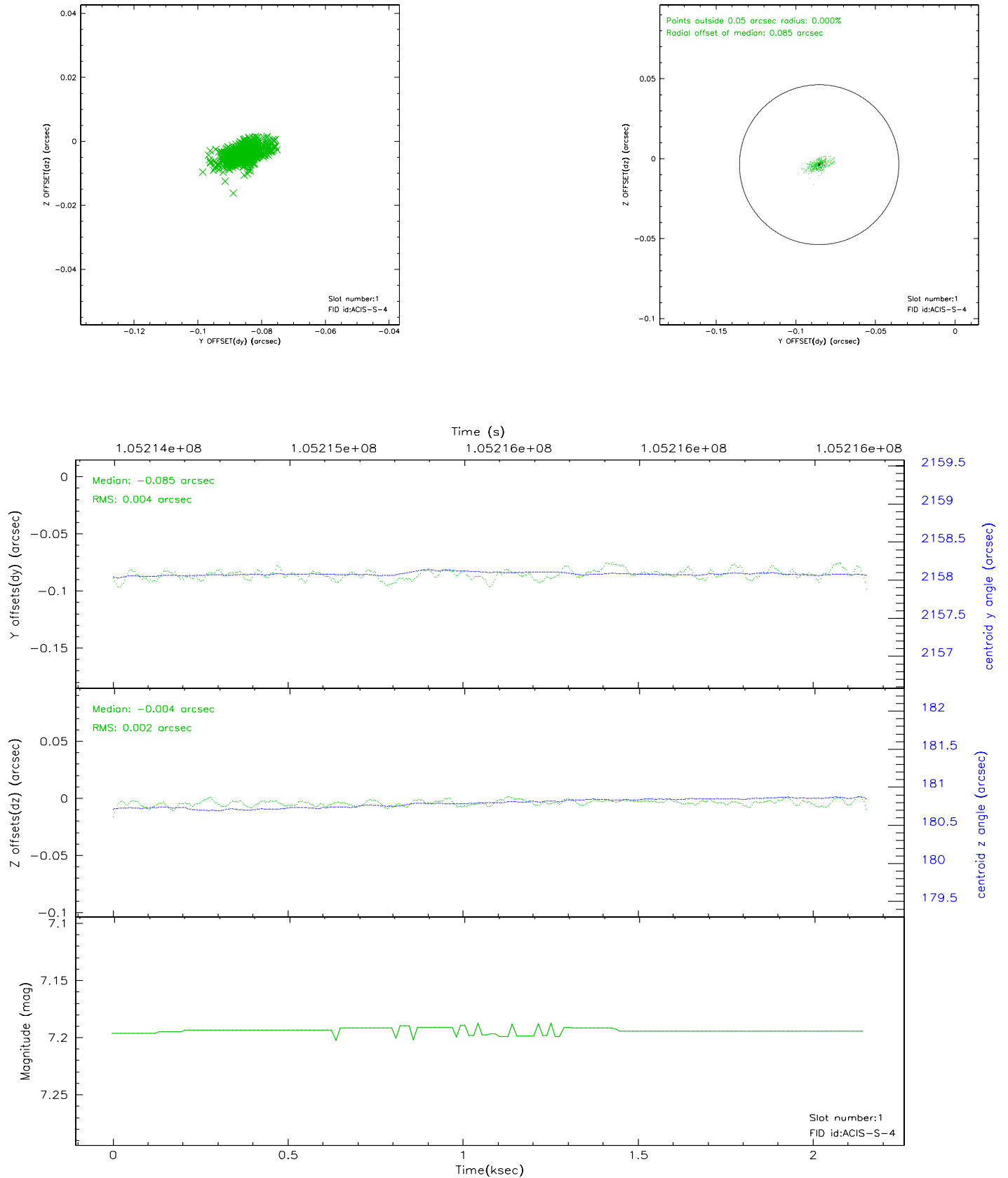


2.5 FID Slots

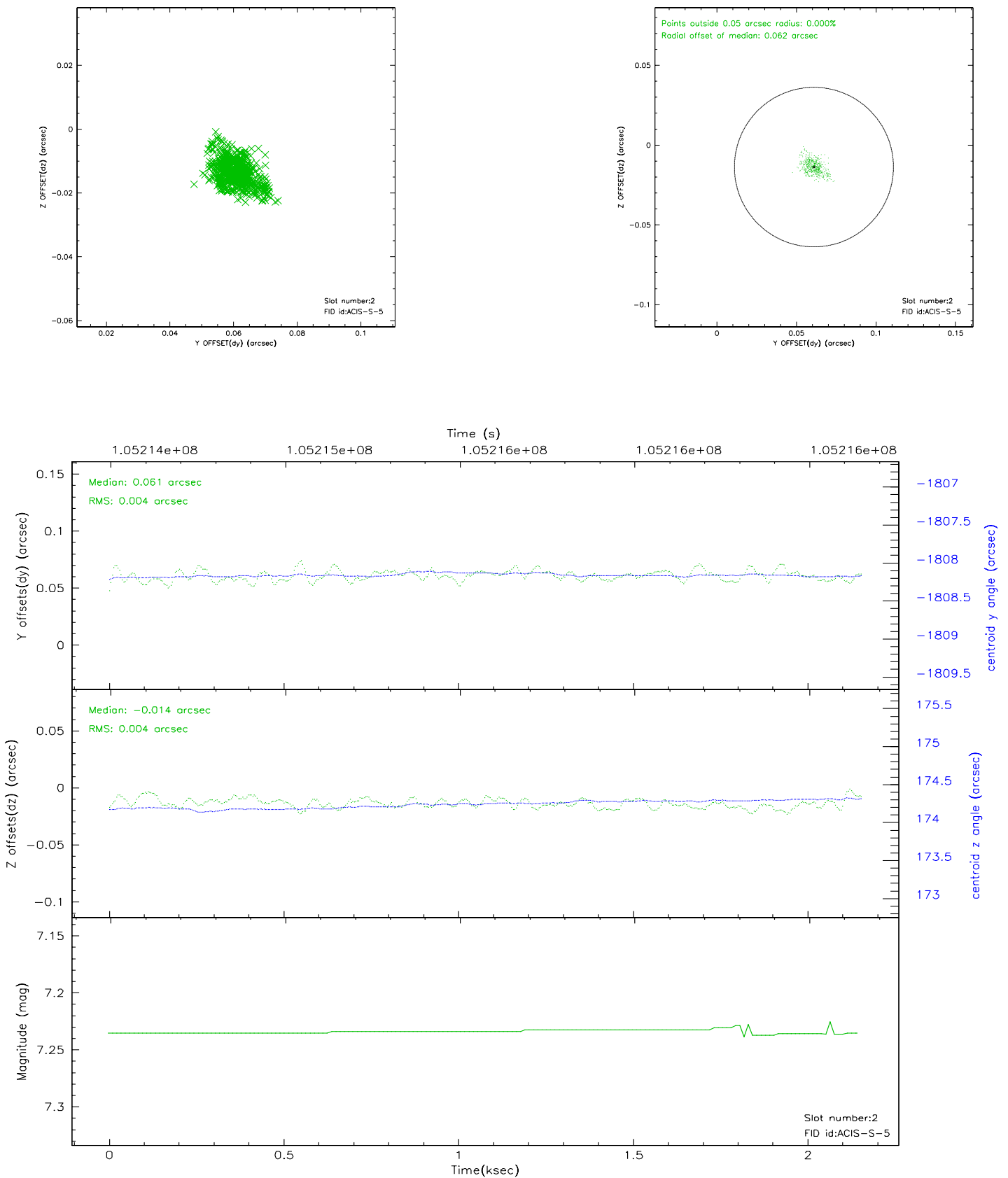
2.5.1 Slot 0



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)	2006.11.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.153

A.2 Comments