

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 4035 - L2 Version 001
Chandra X-Ray Center

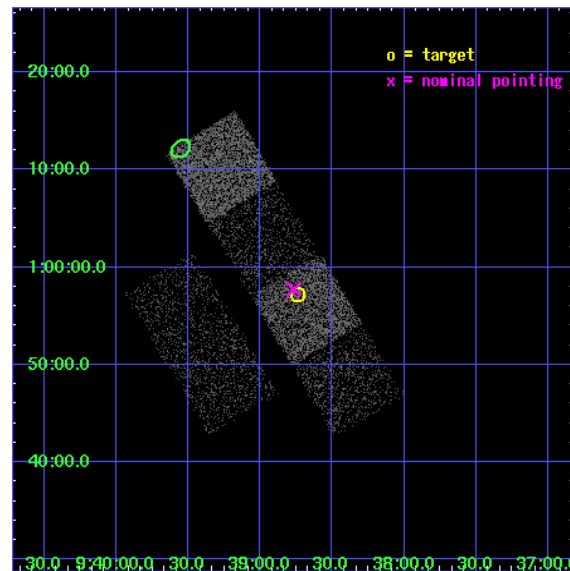
L2 Processing Date : Oct 18 2006

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1 Front

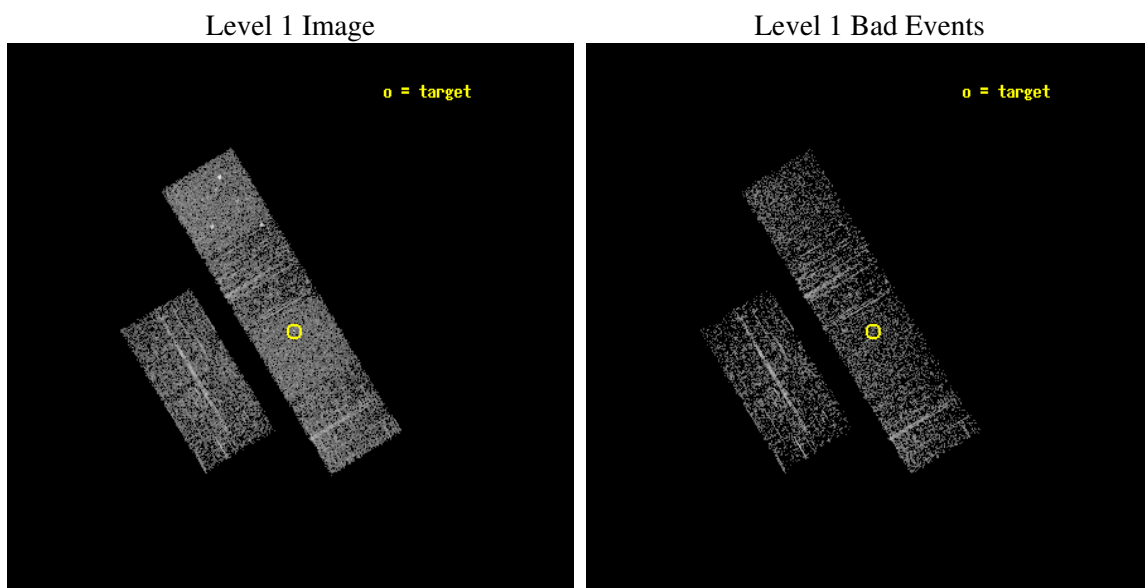
seq_num	700714
obs_id	4035
title	WHY DO WE SEE BROAD LINES IN X-RAY ABSORBED AGN?
observer	Dr. BELINDA WILKES
object	2MASS093844+005716
dtcycle	0
cycle	P
ra_targ	144.685417
dec_targ	0.954361
ra_nom	144.69172830497
dec_nom	0.96190451891016
roll_nom	58.793743996015
revision	2
ontime	1411.1999947429
livetime	1393.3305306868
ontime2	1411.1999947429
ontime3	1411.1999947429
ontime5	1411.1999947429
ontime6	1411.1999947429
ontime7	1411.1999947429
ontime8	1411.1999947429
l2events	13647



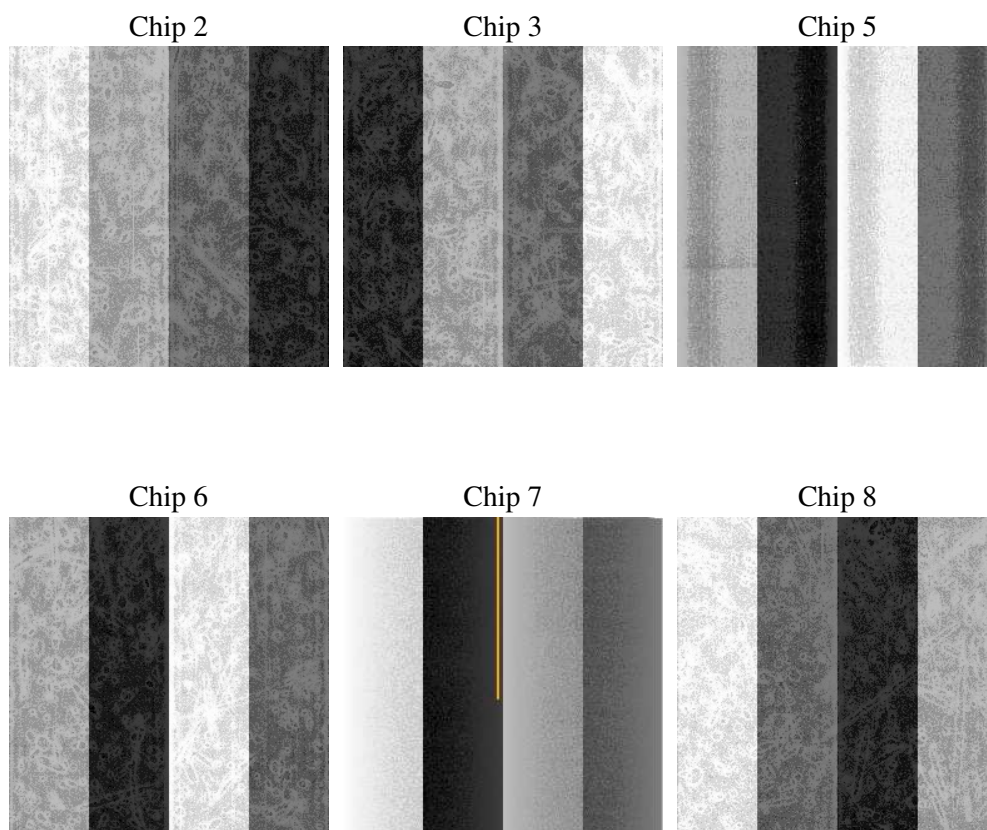
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldsver	3.2.3
date	2006-10-18T16:48:22
revision	2

sched_exp_time	1318.382000
ontime	1416.320309341
ontime2	1416.320309341
ontime3	1416.320309341
ontime5	1416.320309341
ontime6	1416.320309341
ontime7	1416.320309341
ontime8	1416.320309341
l1events	64217

2.1.4 Events

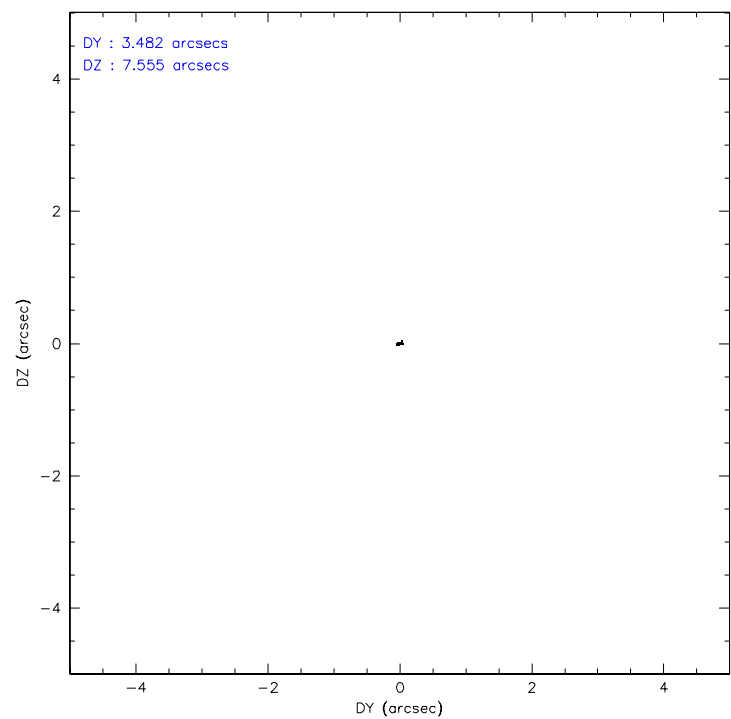
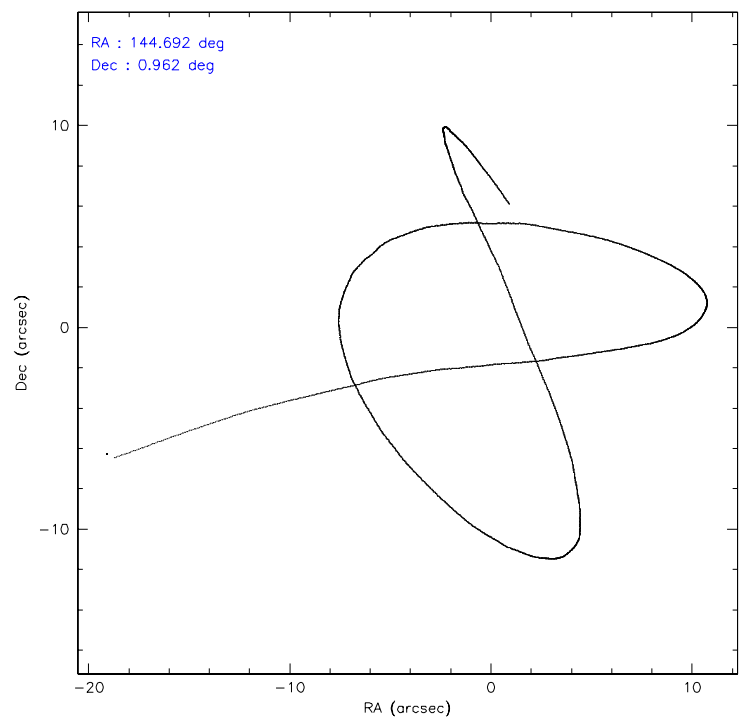
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	8947	9067	13341	9804	11907	11151
rejected events	7994	8041	6997	8703	7272	8858
rejected %	89%	88%	52%	88%	61%	79%

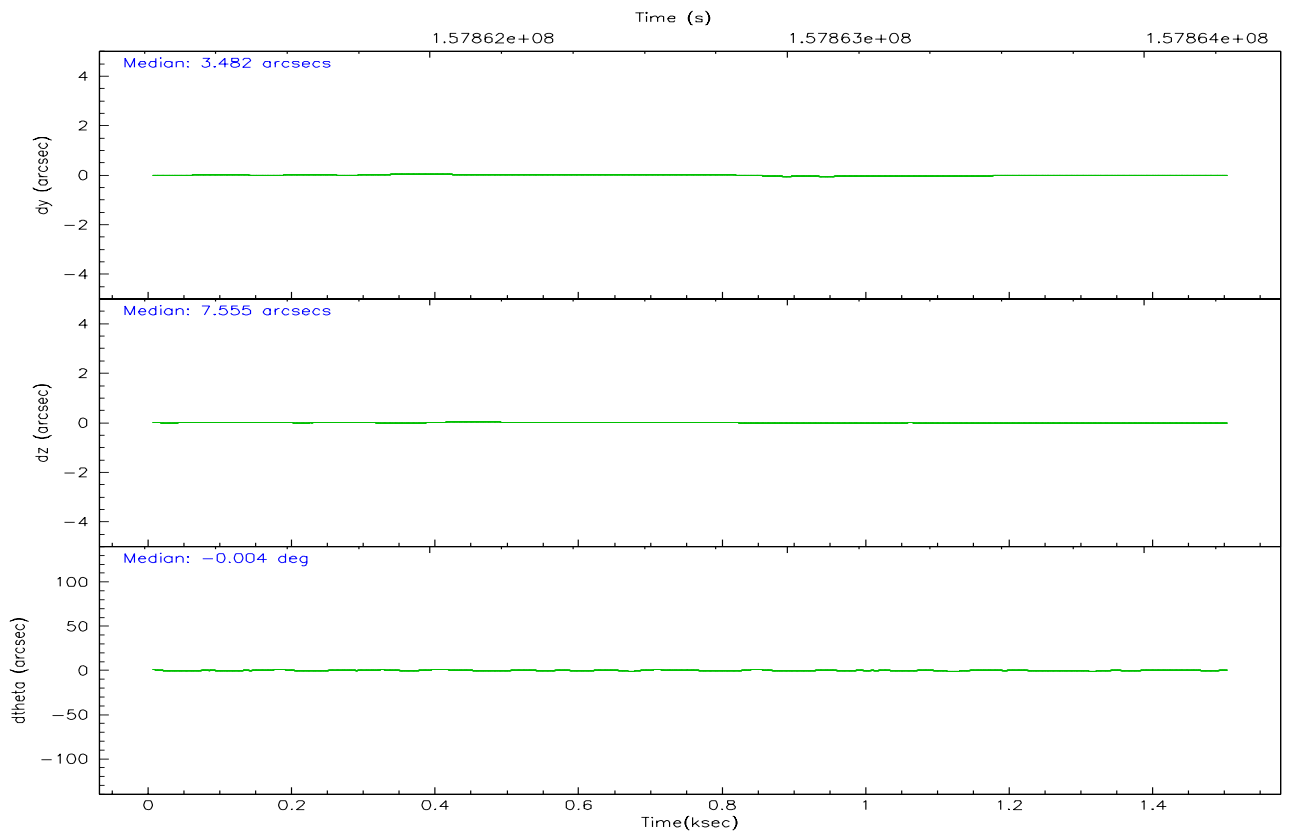
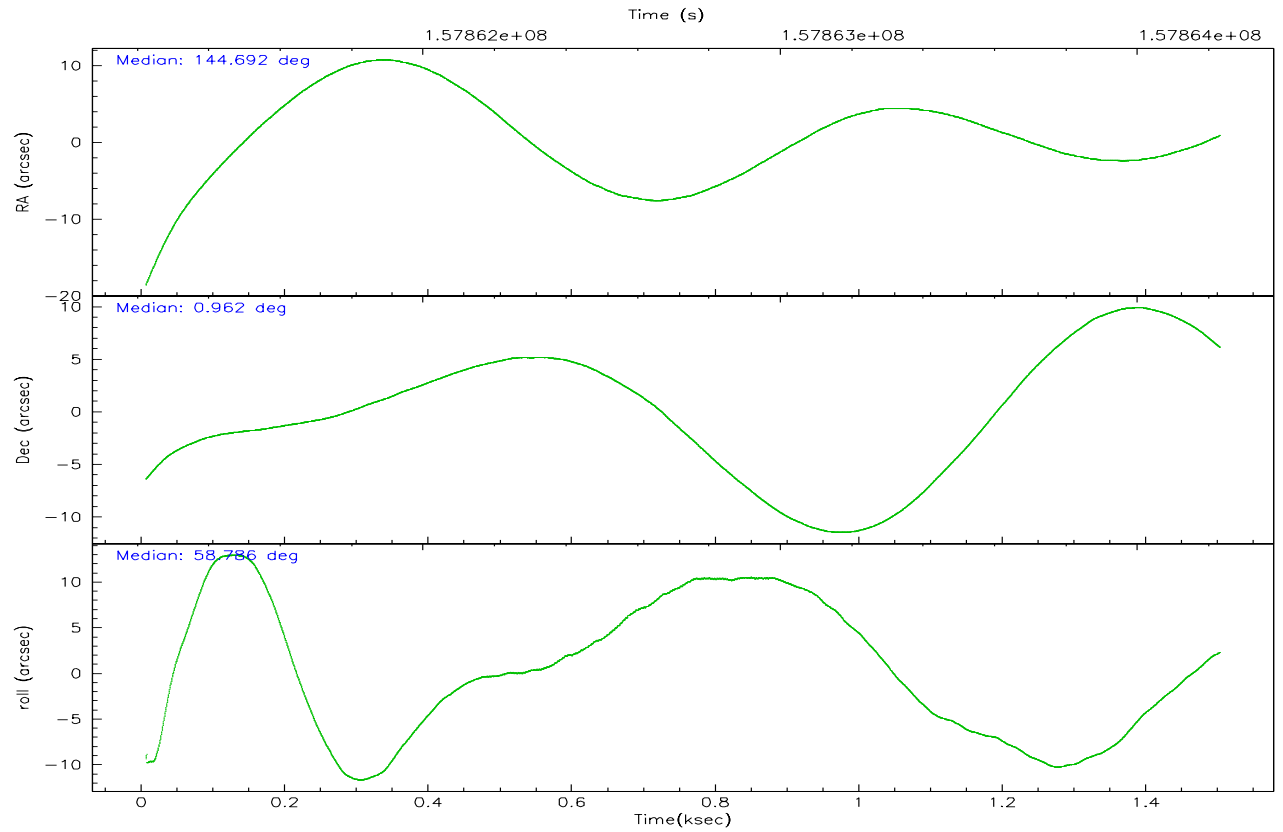
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	411	457	796	440	316	771
	4%	5%	5%	4%	2%	6%
grade 1 events	2	5	37	3	3	3
	0%	0%	0%	0%	0%	0%
grade 2 events	178	206	2013	229	1149	500
	1%	2%	15%	2%	9%	4%
grade 3 events	96	100	148	104	231	253
	1%	1%	1%	1%	1%	2%
grade 4 events	97	110	151	111	252	245
	1%	1%	1%	1%	2%	2%
grade 5 events	307	346	622	424	817	507
	3%	3%	4%	4%	6%	4%
grade 6 events	176	162	3275	224	2716	541
	1%	1%	24%	2%	22%	4%
grade 7 events	7680	7681	6299	8269	6423	8331
	85%	84%	47%	84%	53%	74%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	144.691593	144.6917283049673	Subarray requested	NONE	NONE
Pointing Dec	0.934393	0.9619045189101596	Alternating exposures requested	N	N
Pointing Roll	58.637325	58.79374399601465	Primary exposure time	0.000000	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	157862298.184000	157861272.09625			
Observation start date	2003-01-02T02:37:14	2003-01-02T02:21:12			
Observation end time	157863616.184000	157863930.94636			
Observation end date	2003-01-02T02:59:12	2003-01-02T03:05:30			
Read mode	TIMED	TIMED			

2.3 Aspect



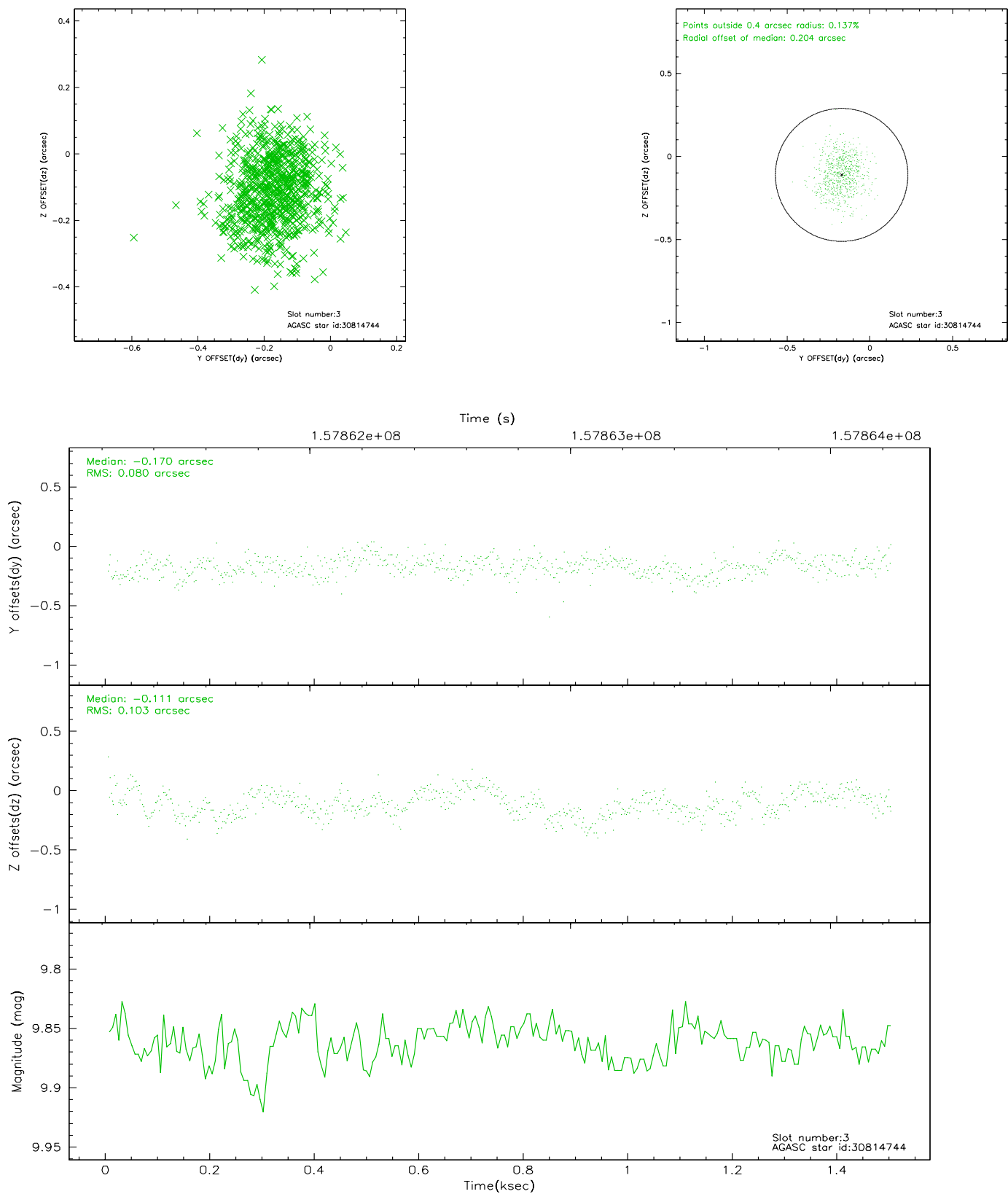


Slot Statistics

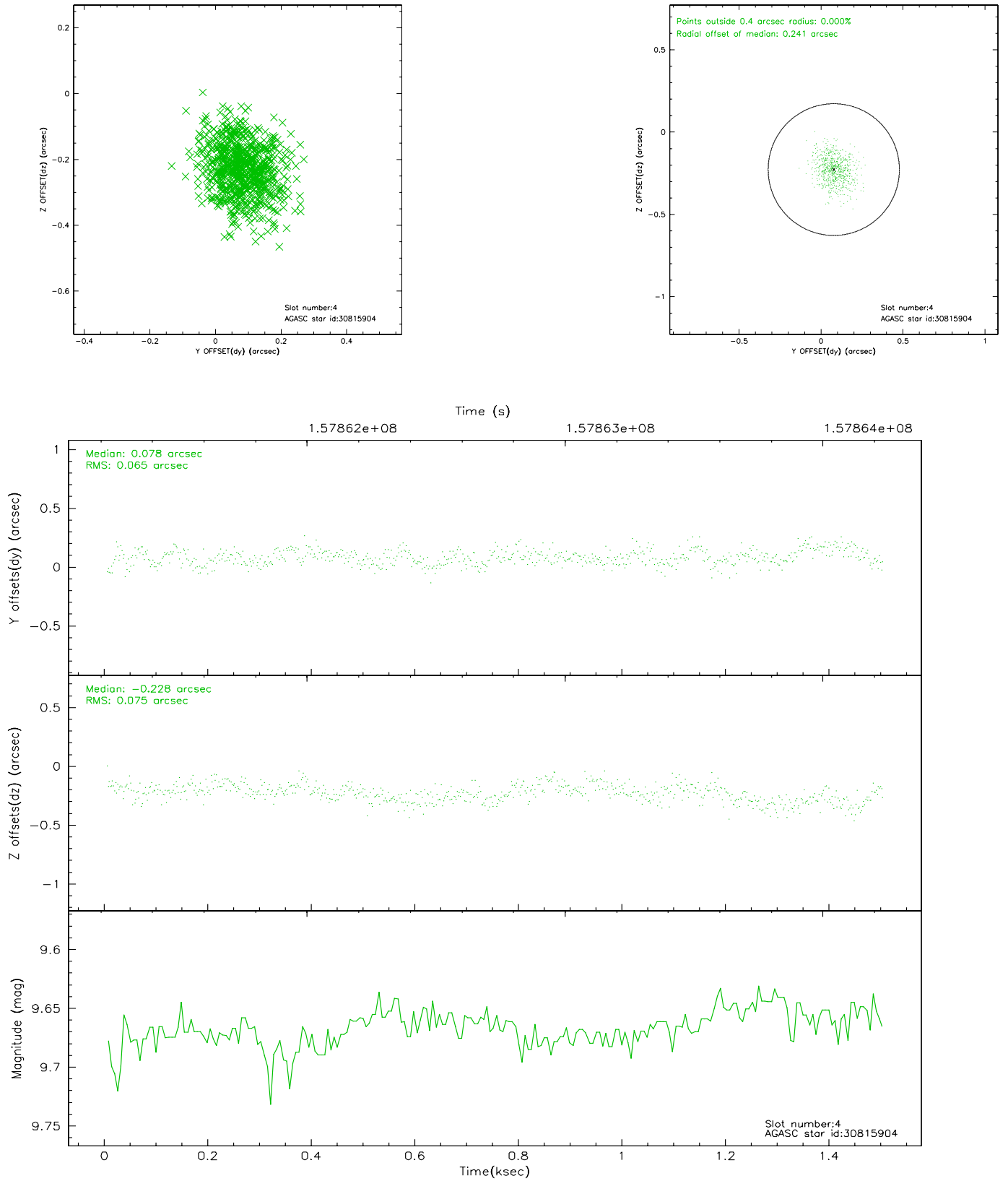
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	366	0.007	0.028	0.007	0.011	0.000000	0.000000	-756.14	-1728.70
1	FID	ACIS-S-4	7.21	366	-0.045	-0.011	0.005	0.008	0.000000	0.000000	2155.10	175.16
2	FID	ACIS-S-5	7.24	366	0.007	-0.009	0.006	0.010	0.000000	0.000000	-1803.28	173.88
3	GUIDE	30814744	9.86	731	-0.170	-0.111	0.139	0.222	144.864543	1.592847	2347.06	701.91
4	GUIDE	30815904	9.67	731	0.078	-0.228	0.107	0.175	144.341309	0.951817	-599.96	1109.31
5	GUIDE	30941672	9.74	730	-0.144	0.293	0.125	0.197	145.383553	0.882700	1136.46	-2222.17
6	GUIDE	30945128	9.74	732	0.037	0.219	0.140	0.233	145.188580	0.500515	-401.08	-2344.08
7	GUIDE	30817696	9.37	730	0.184	-0.168	0.090	0.152	144.323150	0.738417	-1293.59	761.18

2.4 Star Slots

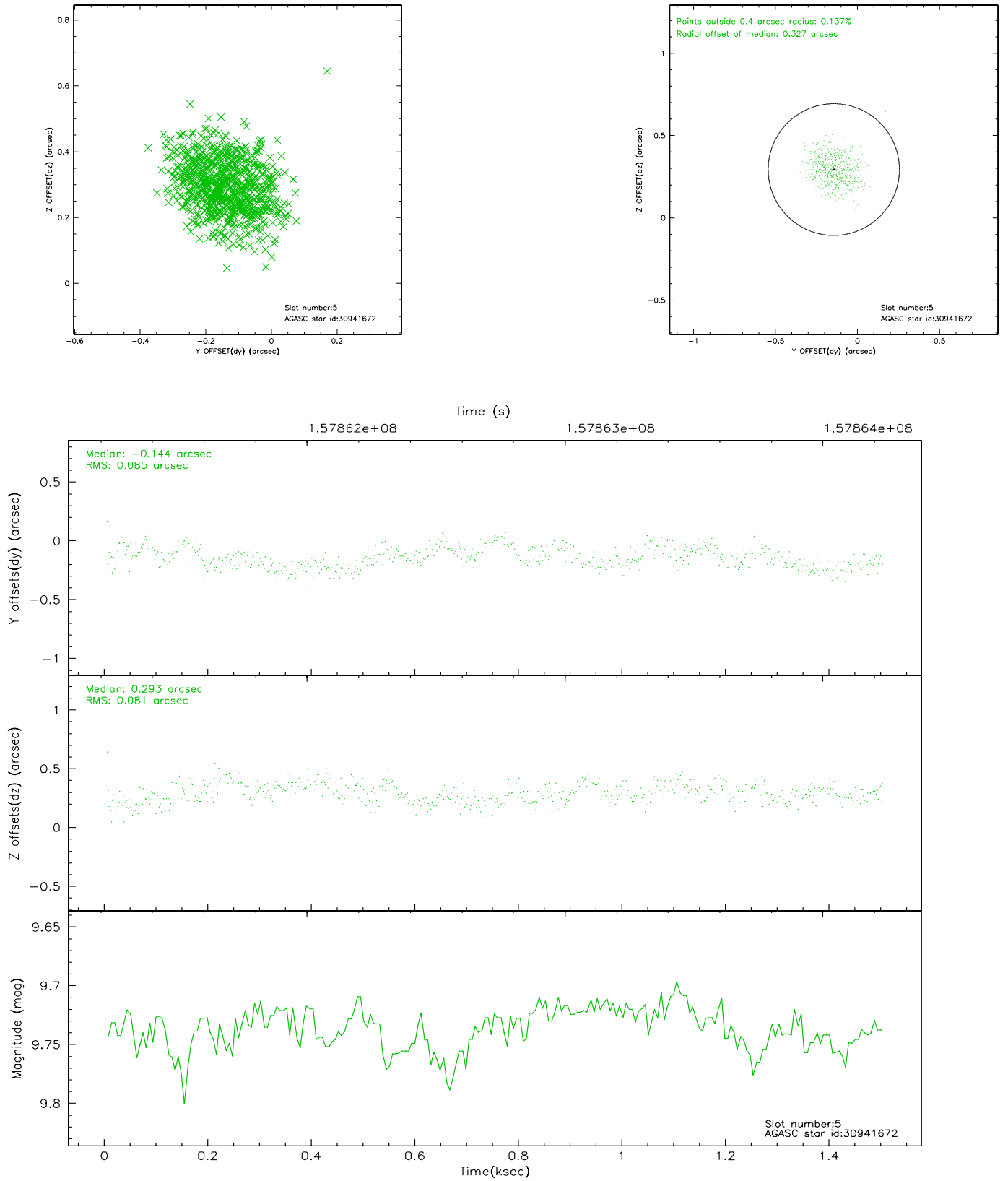
2.4.1 Slot 3



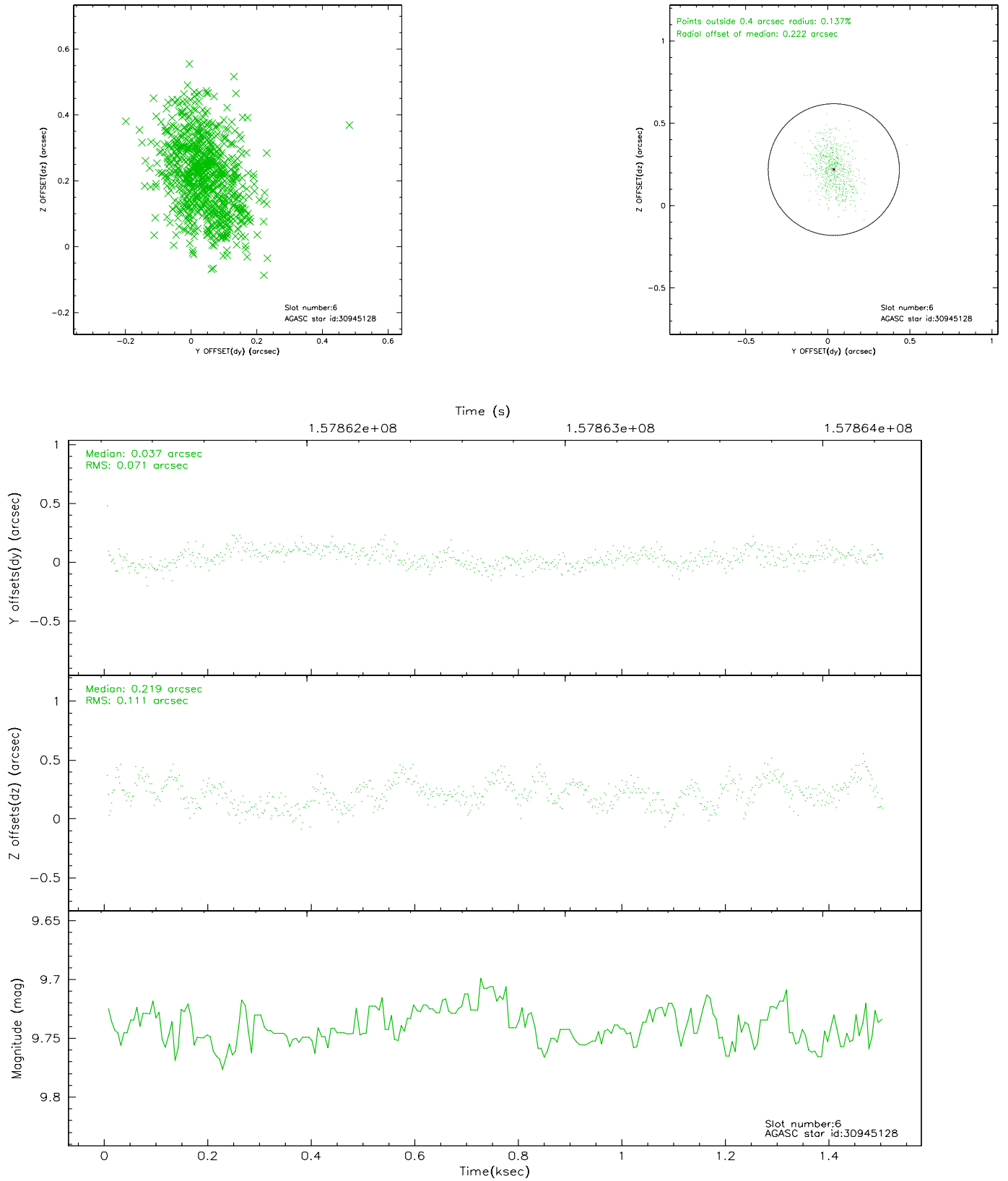
2.4.2 Slot 4



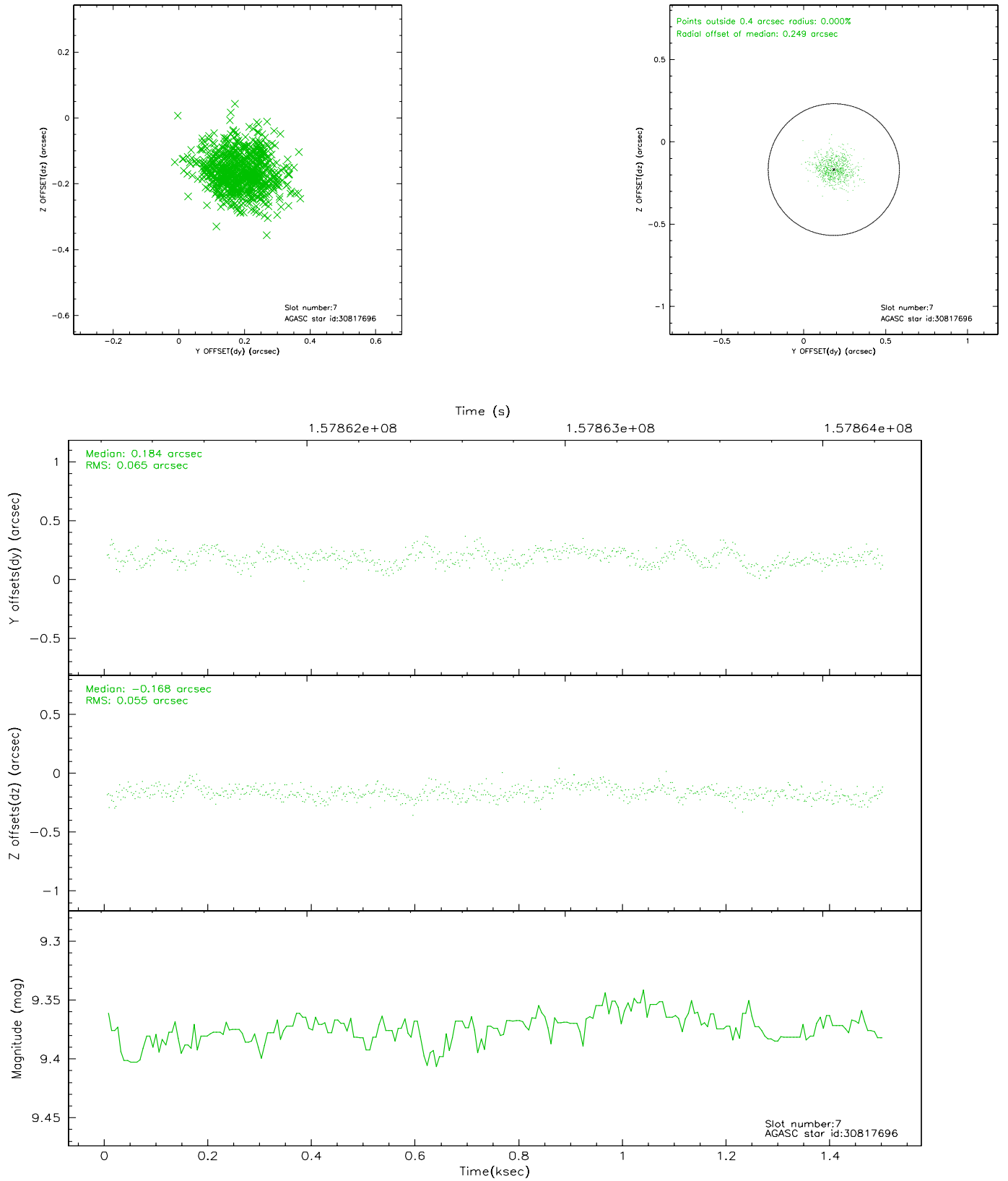
2.4.3 Slot 5



2.4.4 Slot 6

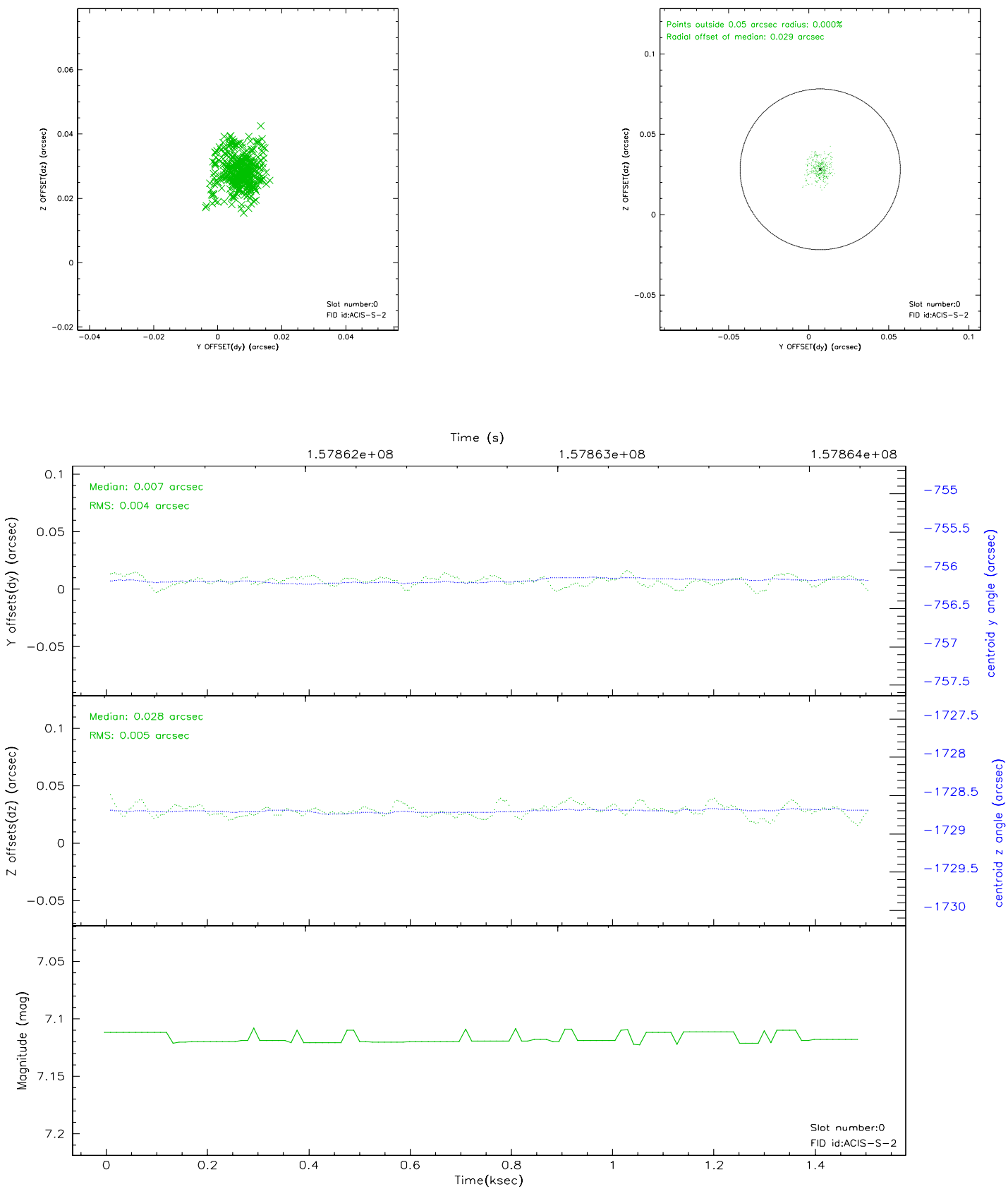


2.4.5 Slot 7

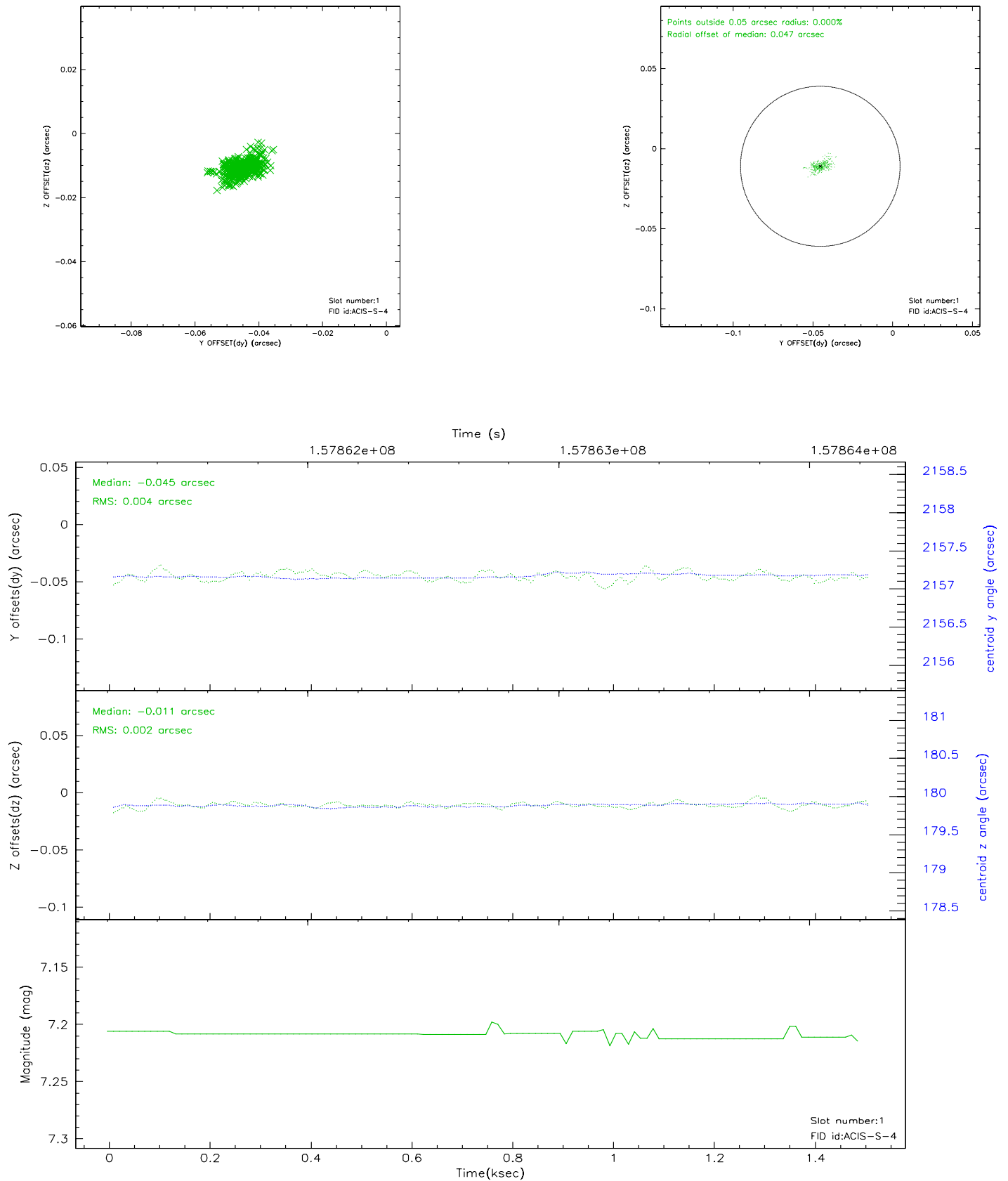


2.5 FID Slots

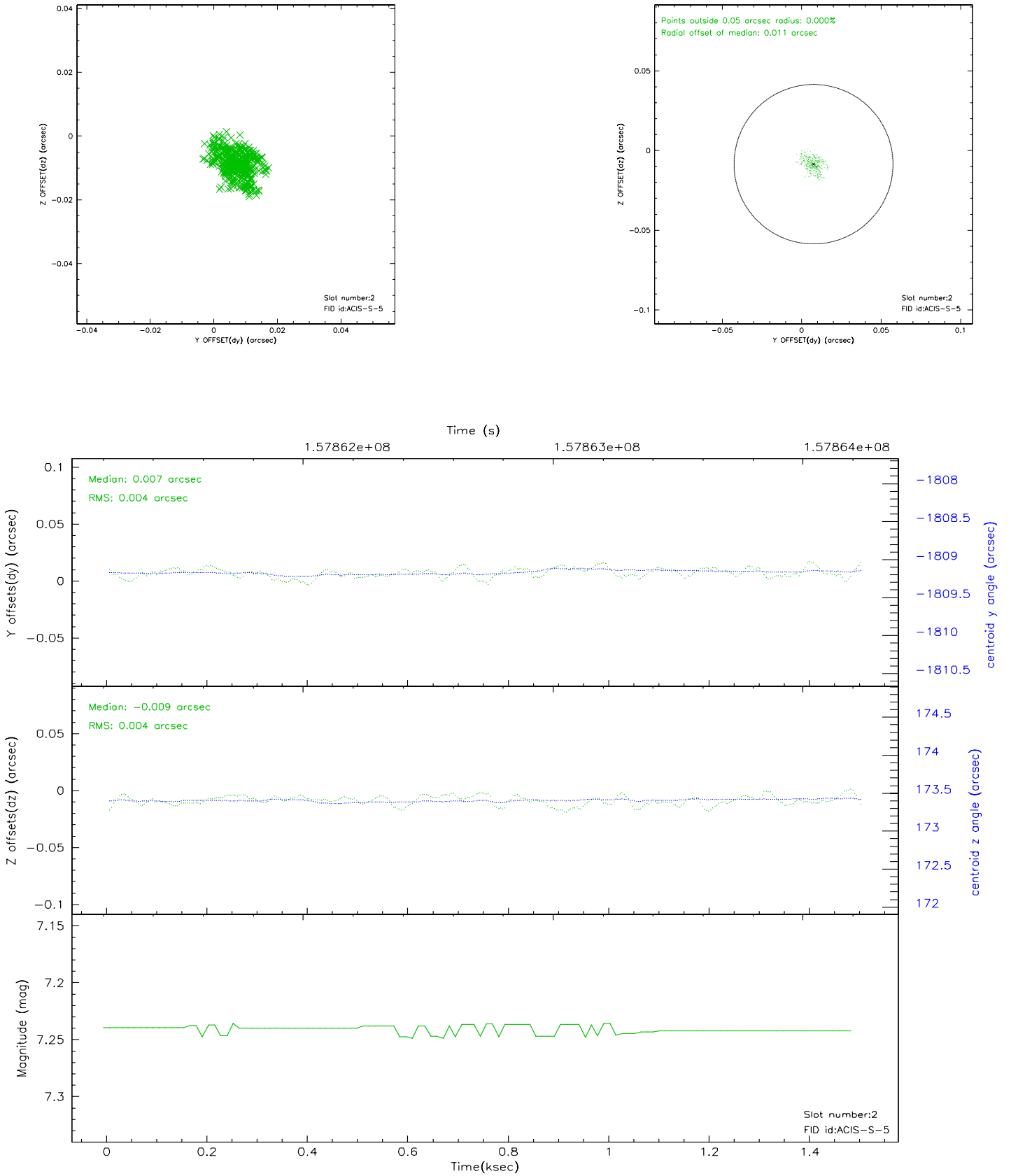
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

18.60 arcmin



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.10.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.414

A.2 Comments