

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4210 - L2 Version 001
Chandra X-Ray Center

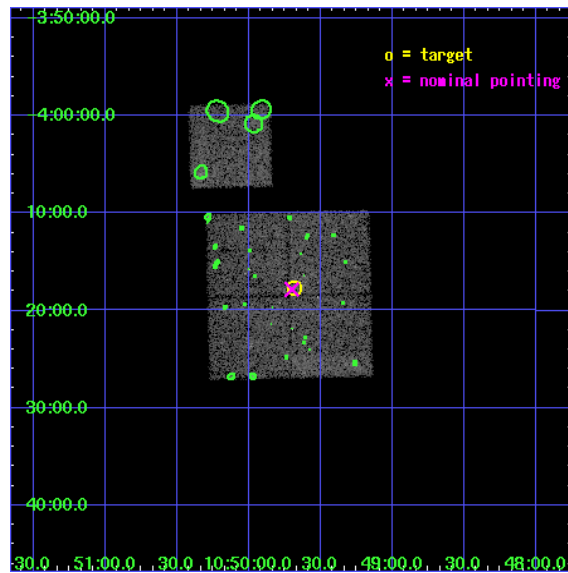
L2 Processing Date : Jul 22 2006

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1 Front

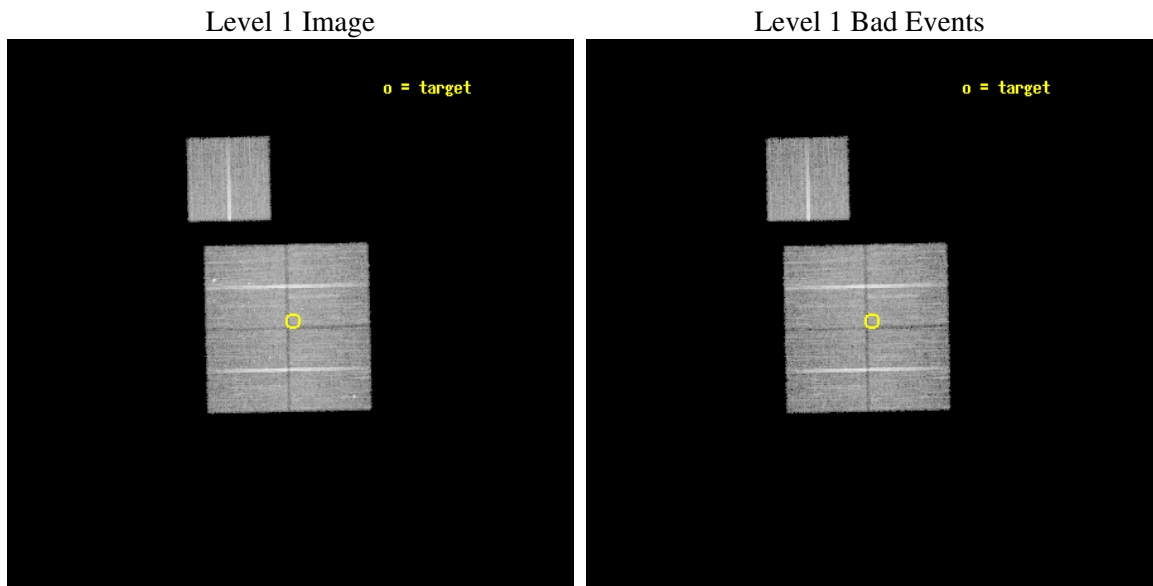
seq_num	800366
obs_id	4210
title	CHANDRA OBSERVATIONS OF DLS SHEAR-SELECTED CLUSTERS
observer	Prof. John Hughes
object	DLS J1049-0417
dtcycle	0
cycle	P
ra_targ	162.420833
dec_targ	-4.295556
ra_nom	162.42506324679
dec_nom	-4.297445234481
roll_nom	358.8309800324
revision	2
ontime	20106.559001088
livetime	19843.852005506
ontime0	20106.558981091
ontime1	20109.699961334
ontime2	20100.277100503
ontime3	20106.559001088
ontime6	20109.699961334
l2events	47162



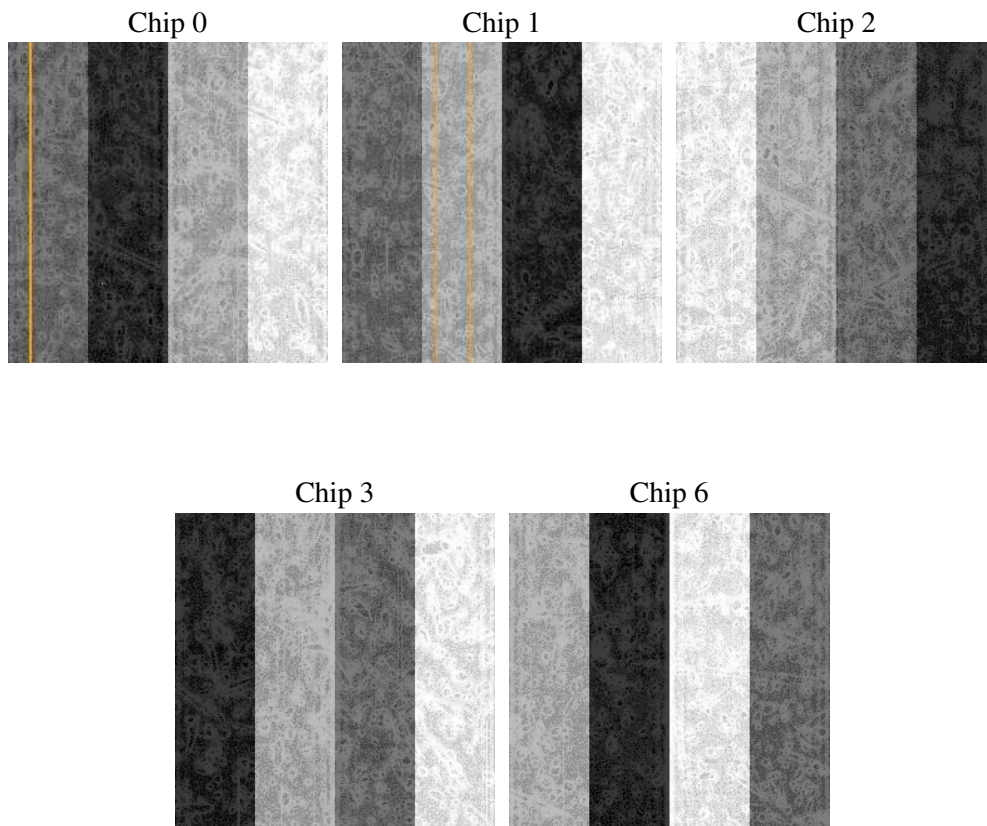
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-22T10:43:36
revision	2

sched_exp_time	20000.000000
ontime	20517.050742656
ontime0	20517.050722659
ontime1	20520.191702902
ontime2	20510.768842071
ontime3	20517.050742656
ontime6	20520.191702902
l1events	552944

2.1.4 Events

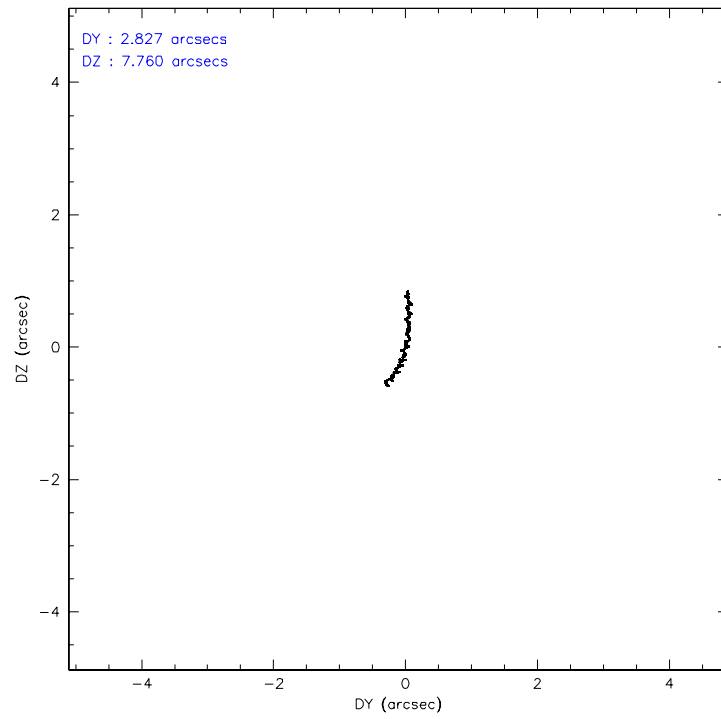
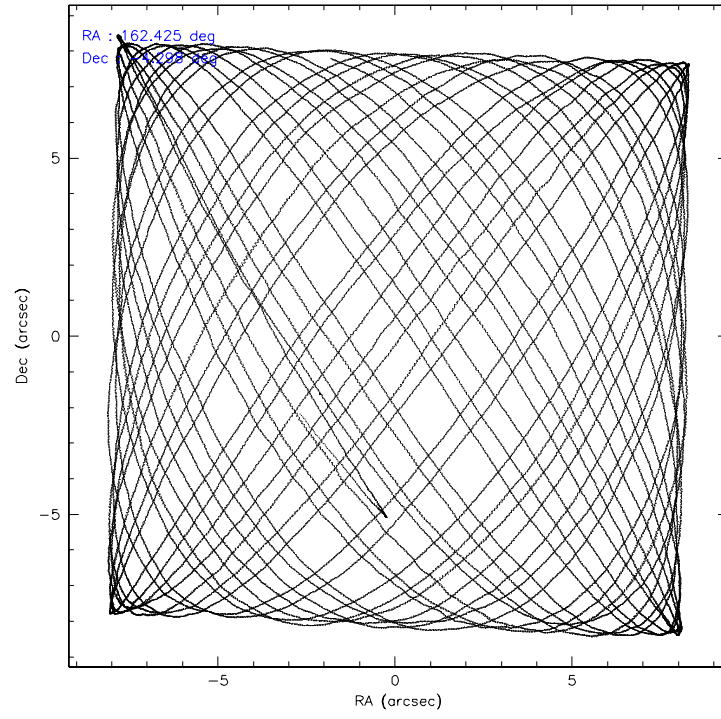
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	102662	106176	119761	113775	110570
rejected events	91561	93796	108126	103369	99633
rejected %	89%	88%	90%	90%	90%

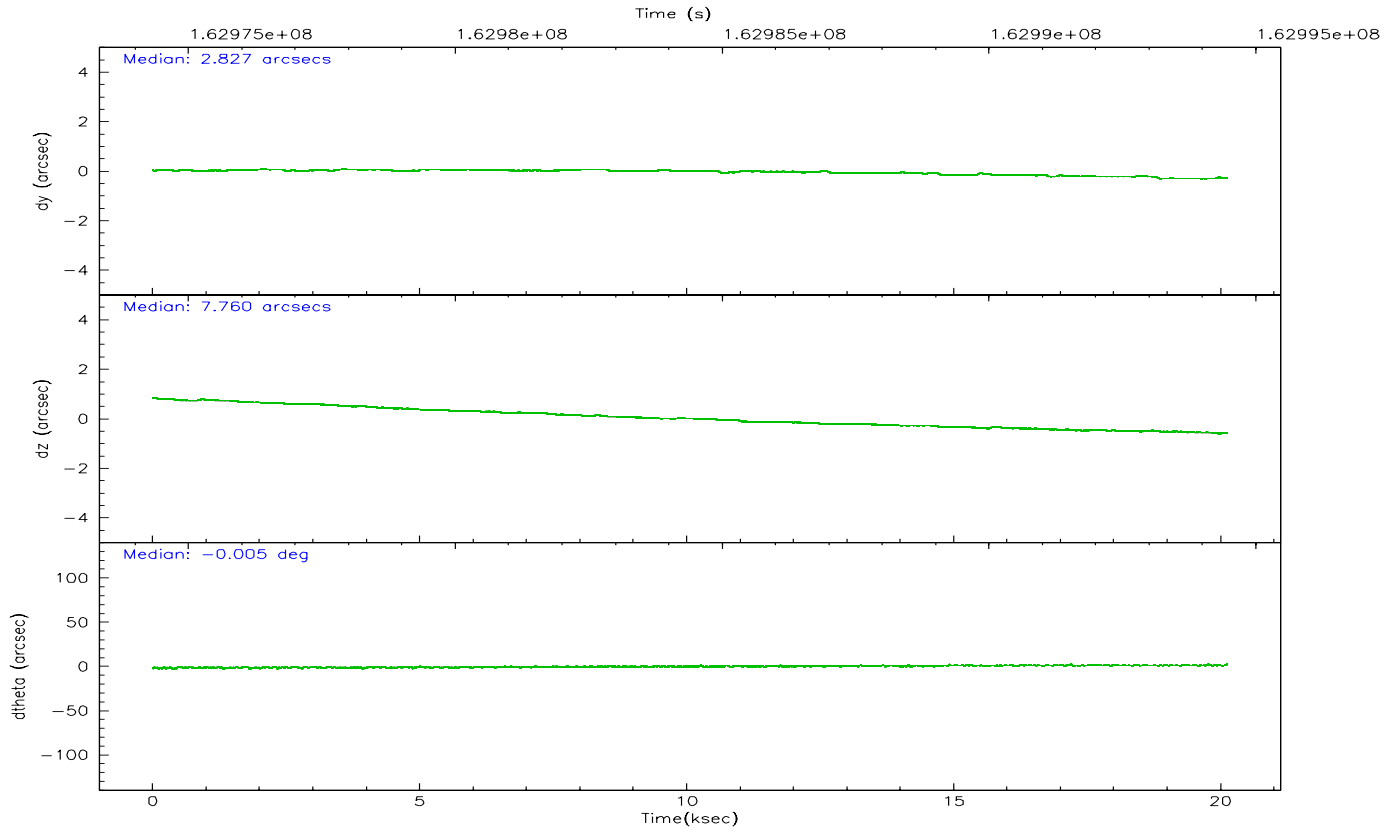
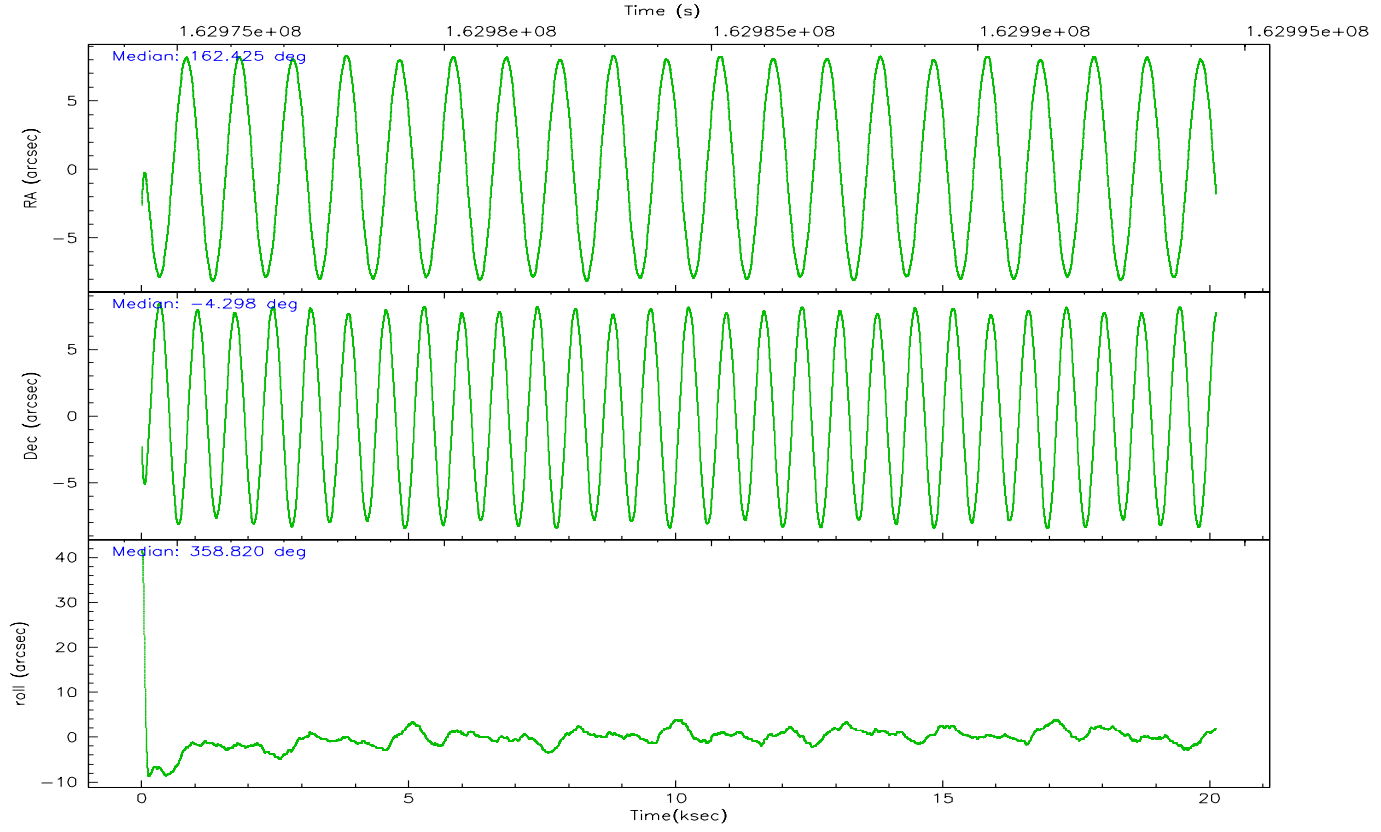
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	4107	4871	4845	3954	3829
	4%	4%	4%	3%	3%
grade 1 events	68	54	60	52	41
	0%	0%	0%	0%	0%
grade 2 events	2536	2519	2554	2203	2328
	2%	2%	2%	1%	2%
grade 3 events	1327	1398	1210	1281	1315
	1%	1%	1%	1%	1%
grade 4 events	1207	1416	1319	1228	1320
	1%	1%	1%	1%	1%
grade 5 events	3972	3997	3687	4273	4285
	3%	3%	3%	3%	3%
grade 6 events	2159	2417	1941	1959	2352
	2%	2%	1%	1%	2%
grade 7 events	87286	89504	104145	98825	95100
	85%	84%	86%	86%	86%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01236	ACIS-01236	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	162.401079	162.4250632467949	Alternating exposures requested	N	N
Pointing Dec	-4.310755	-4.297445234481033	Primary exposure time	0.000000	3.1
Pointing Roll	358.620459	358.8309800323987			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	162974460.184000	162973300.93563			
Observation start date	2003-03-02T06:39:56	2003-03-02T06:21:40			
Observation end time	162994460.184000	162995307.68655			
Observation end date	2003-03-02T12:13:16	2003-03-02T12:28:27			
Read mode	TIMED	TIMED			

2.3 Aspect



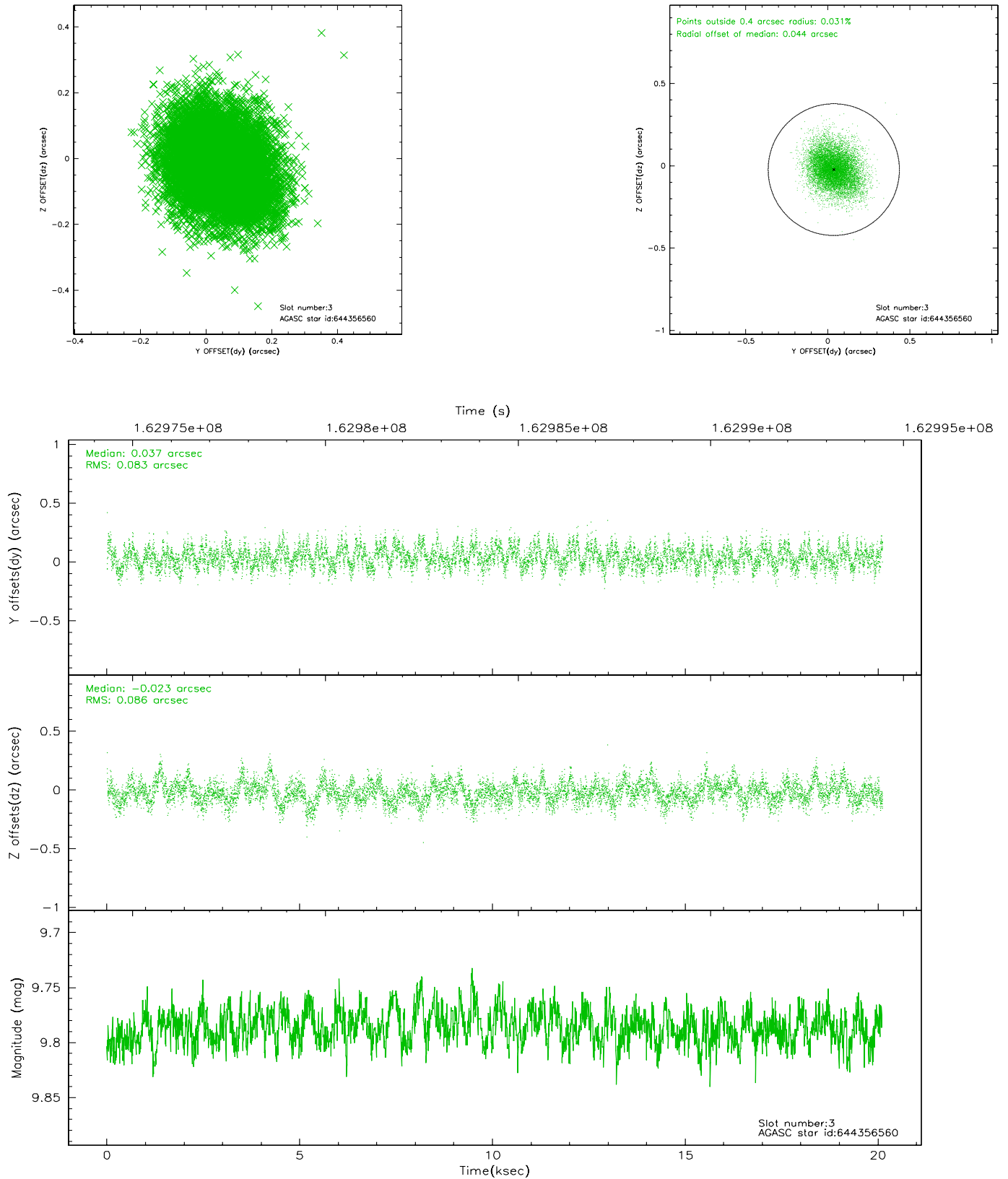


Slot Statistics

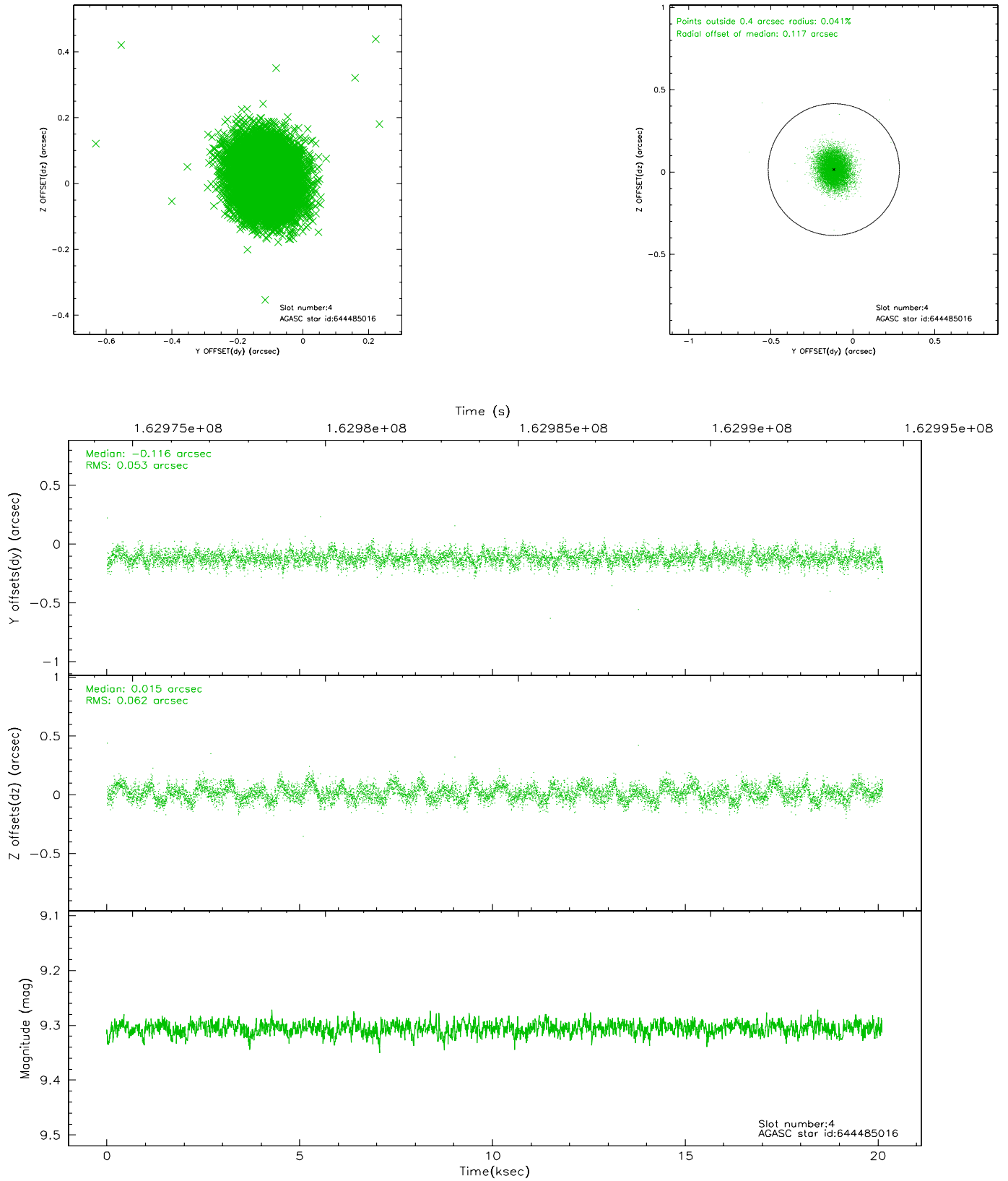
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	4906	0.037	0.001	0.023	0.042	0.000000	0.000000	937.09	-831.17
1	FID	ACIS-I-5	7.24	4907	0.117	0.140	0.010	0.026	0.000000	0.000000	-1810.92	1066.23
2	FID	ACIS-I-6	7.25	4906	-0.247	-0.070	0.019	0.037	0.000000	0.000000	402.04	1710.84
3	GUIDE	644356560	9.79	9805	0.037	-0.023	0.127	0.209	162.181082	-3.857070	-829.36	1613.66
4	GUIDE	644485016	9.31	9809	-0.116	0.015	0.087	0.138	162.691557	-4.738431	1079.37	-1513.72
5	GUIDE	644485456	9.10	9808	0.002	0.112	0.076	0.127	162.805872	-4.355531	1456.93	-126.09
6	GUIDE	644359368	9.58	9800	0.112	0.037	0.100	0.163	161.989514	-4.028350	-1501.67	980.22
7	GUIDE	644355064	9.27	9804	-0.030	-0.140	0.103	0.166	162.184236	-3.681220	-833.68	2246.84

2.4 Star Slots

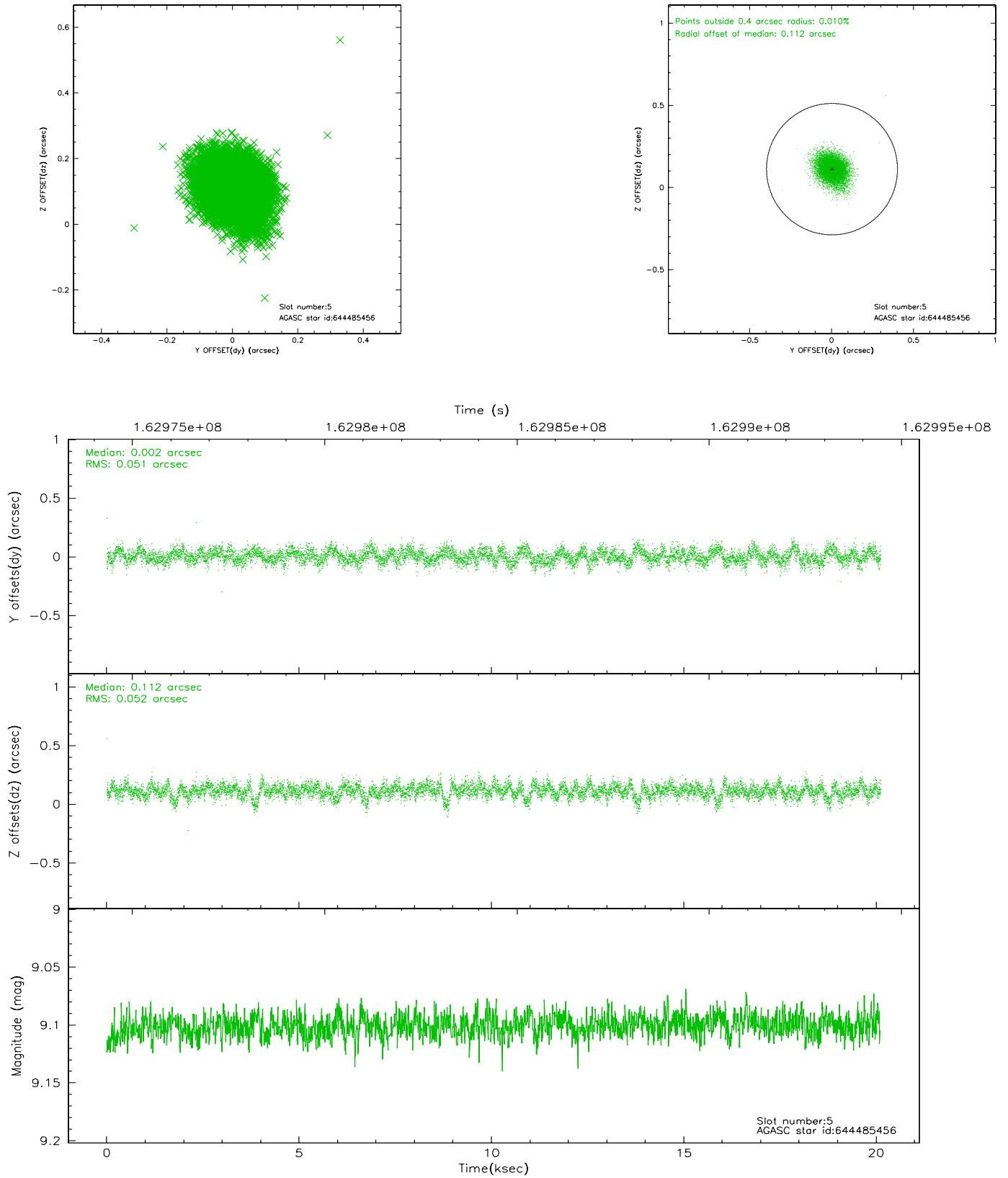
2.4.1 Slot 3



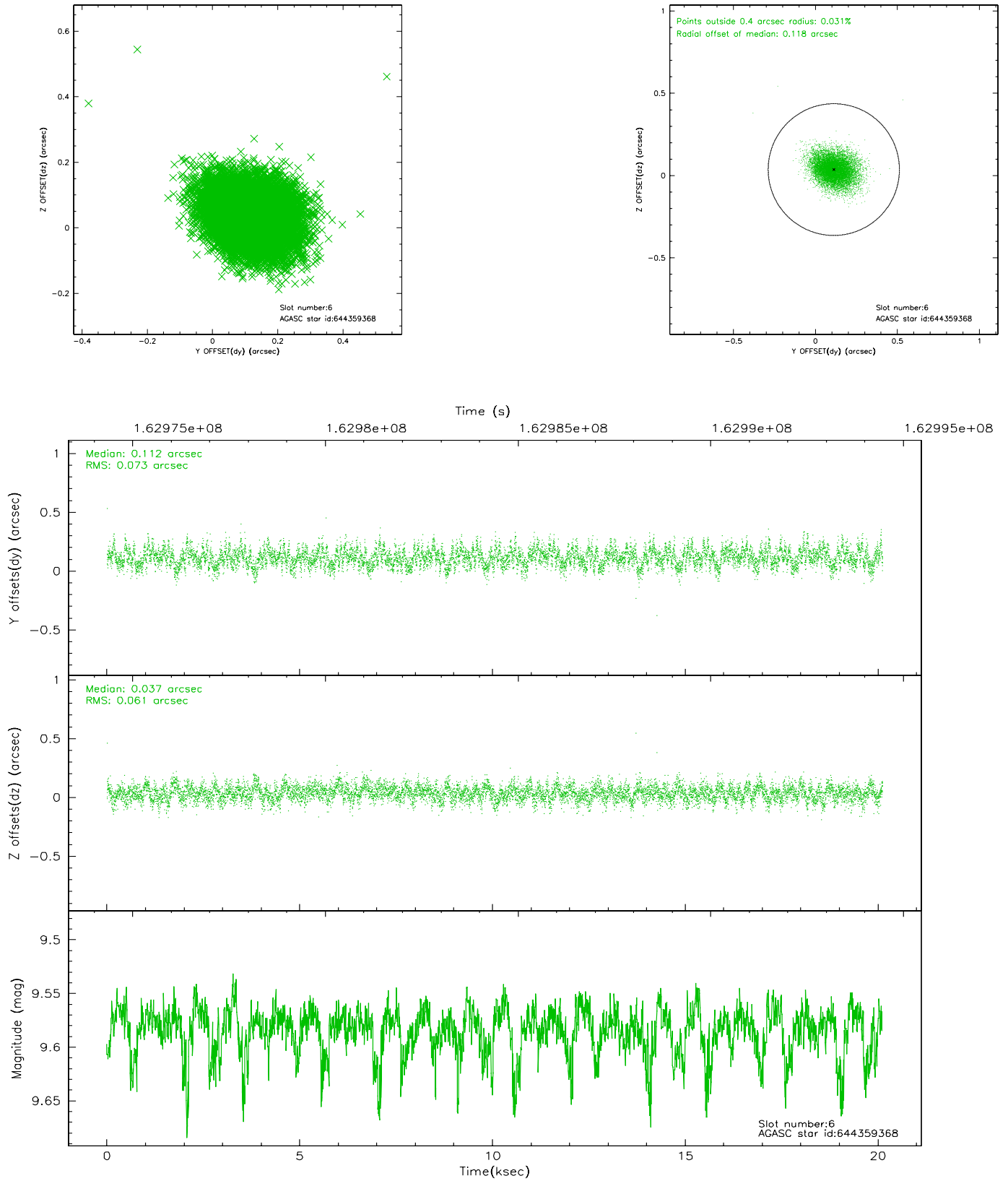
2.4.2 Slot 4



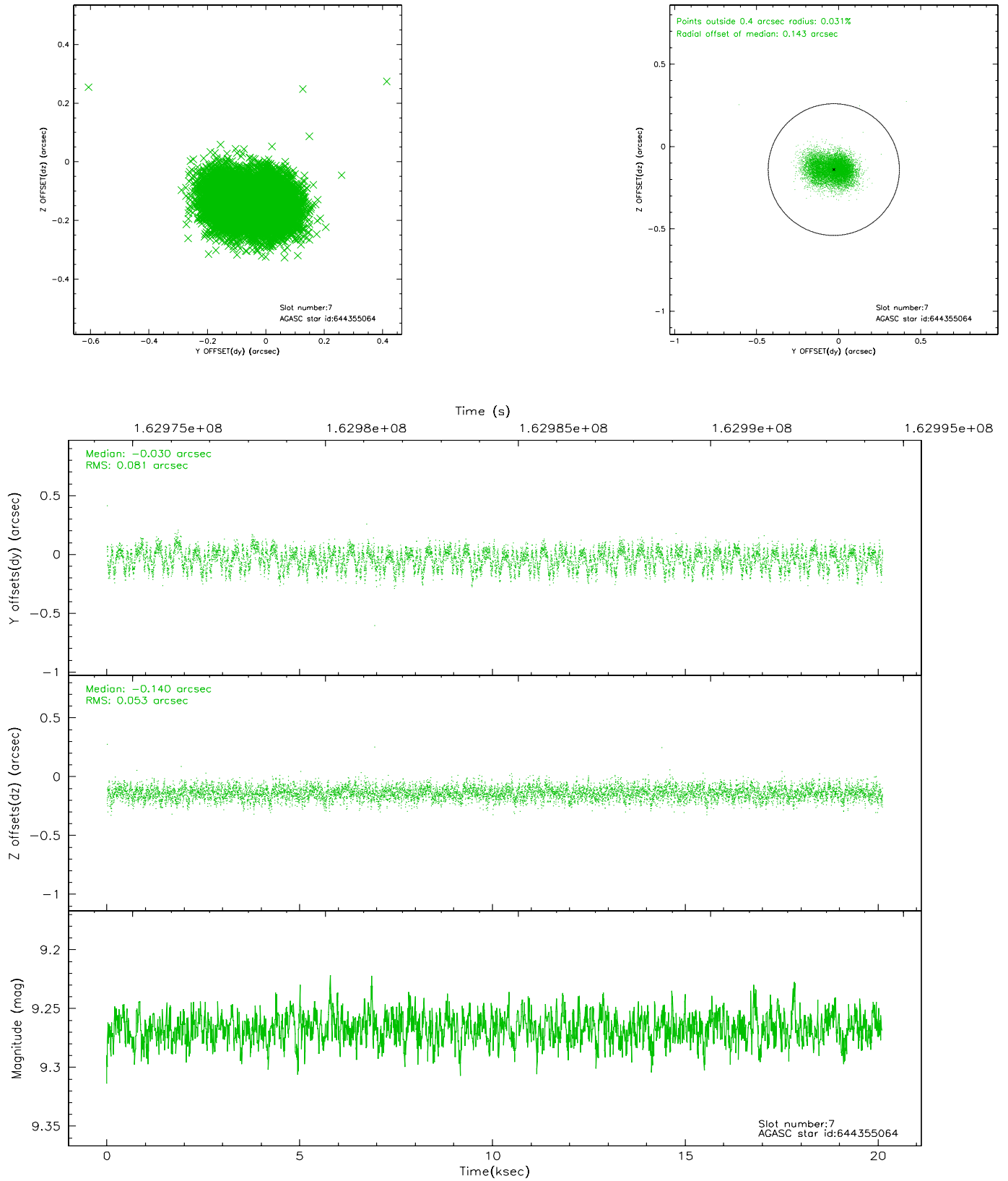
2.4.3 Slot 5



2.4.4 Slot 6

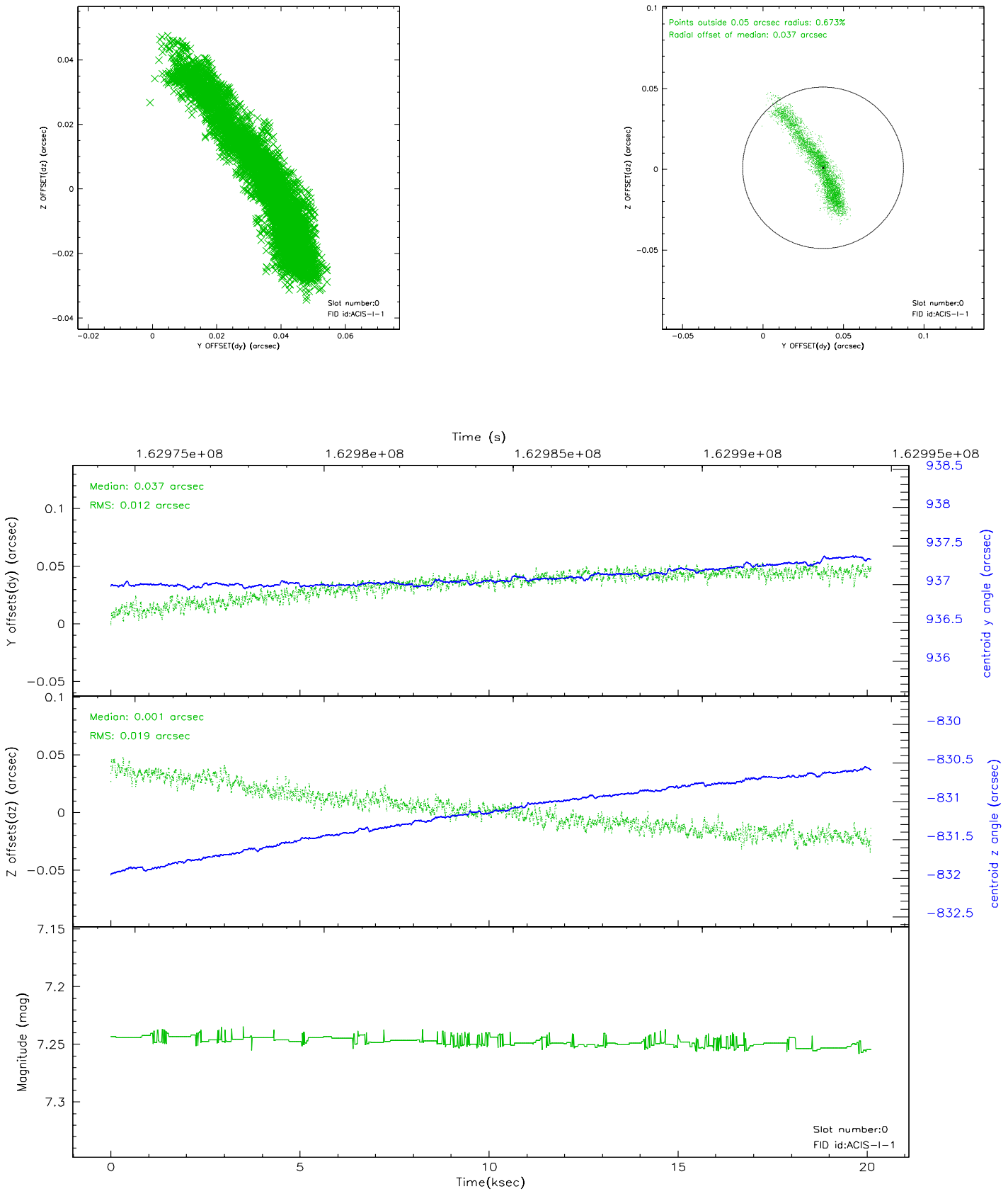


2.4.5 Slot 7

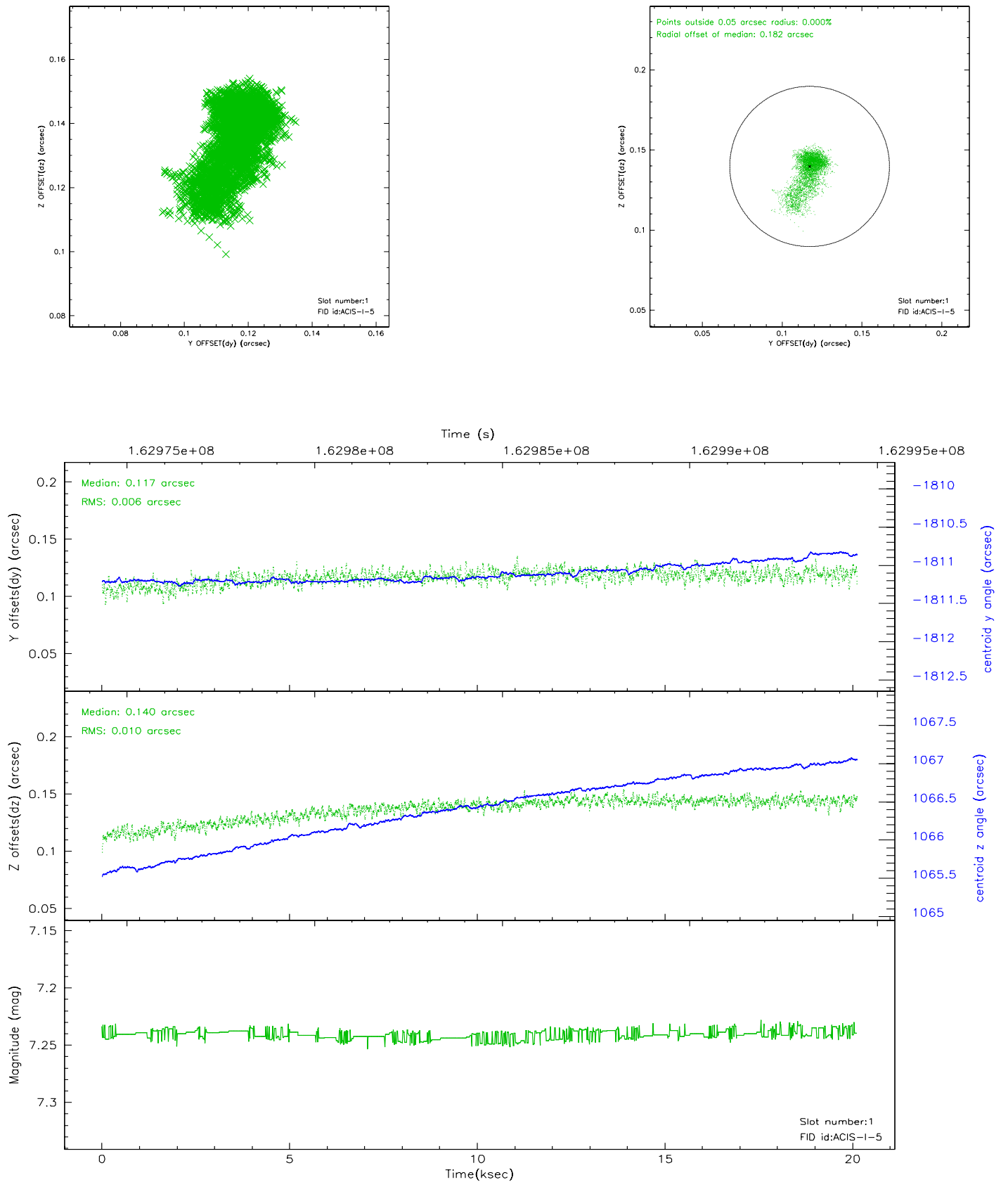


2.5 FID Slots

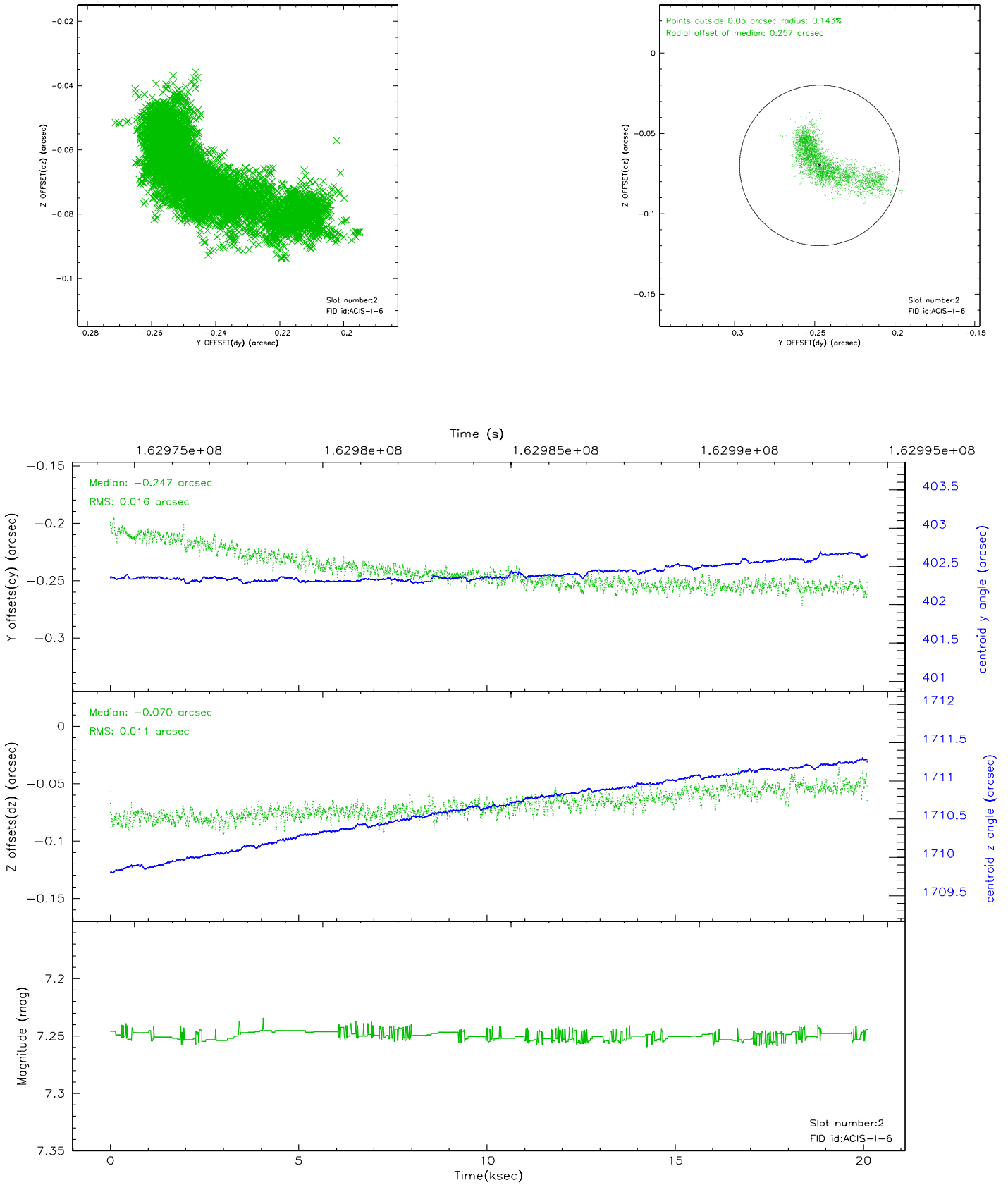
2.5.1 Slot 0



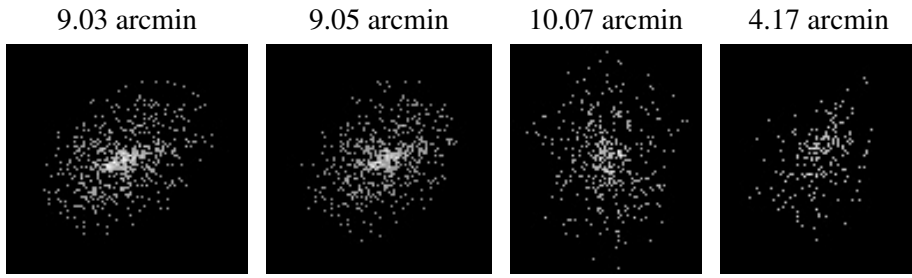
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.106

A.2 Comments