

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2217 - L2 Version 001
Chandra X-Ray Center

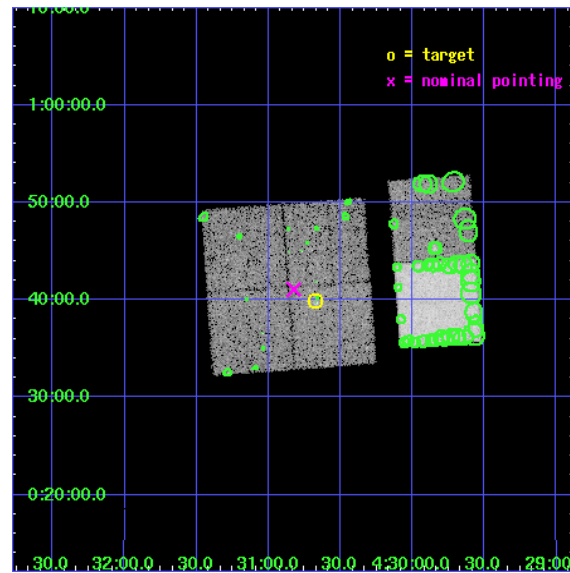
L2 Processing Date : Jun 9 2007

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1 Front

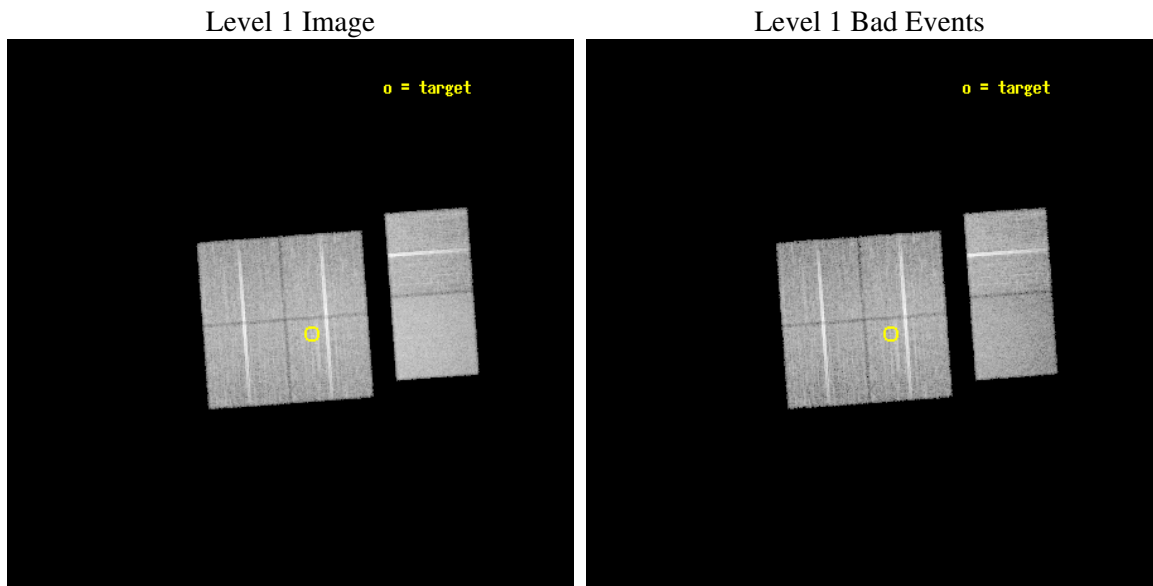
seq_num	800156
obs_id	2217
title	THE ORIGIN OF X-RAY EMISSION FROM LOW VELOCITY DISPERSION GROUPS
observer	Professor Trevor Ponman
object	NGC 1587 GROUP
dtcycle	0
cycle	P
ra_targ	67.669238
dec_targ	0.666178
ra_nom	67.705965561316
dec_nom	0.68458141580373
roll_nom	85.843550647713
revision	2
ontime	20134.359078437
livetime	19879.40570033
ontime0	20134.359058514
ontime1	20131.118118197
ontime2	20134.359058514
ontime3	20134.359078437
ontime6	20134.359058514
ontime7	20131.118058354
l2events	122333



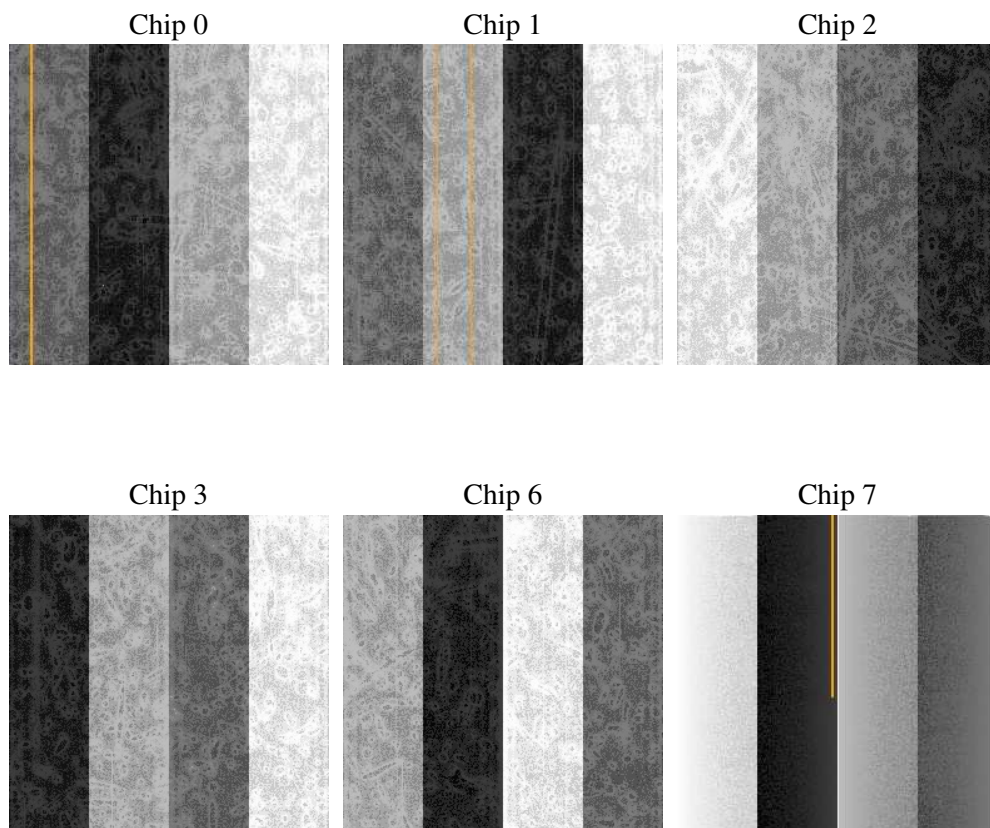
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldsver	3.4.0
date	2007-06-09T16:13:17
revision	2

sched_exp_time	20000.000000
ontime	20134.359078437
ontime0	20134.359058514
ontime1	20131.118118197
ontime2	20134.359058514
ontime3	20134.359078437
ontime6	20134.359058514
ontime7	20131.118058354
l1events	756481

2.1.4 Events

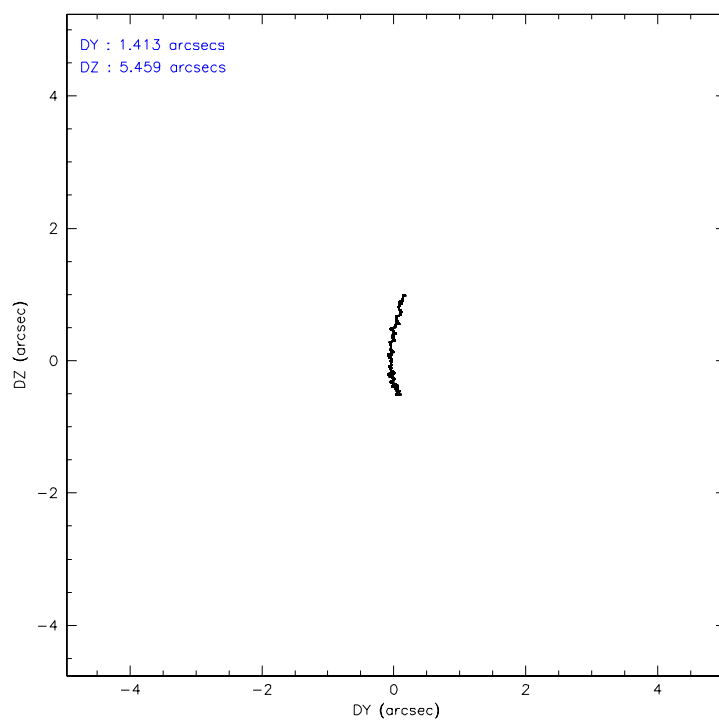
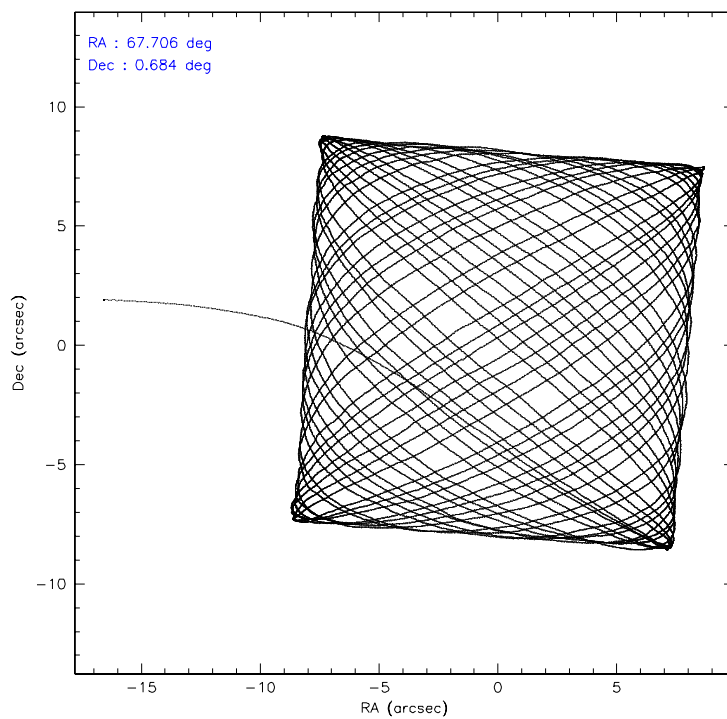
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	111097	115449	123222	124935	129572	152206
rejected events	97299	100783	109403	110694	115358	88664
rejected %	87%	87%	88%	88%	89%	58%

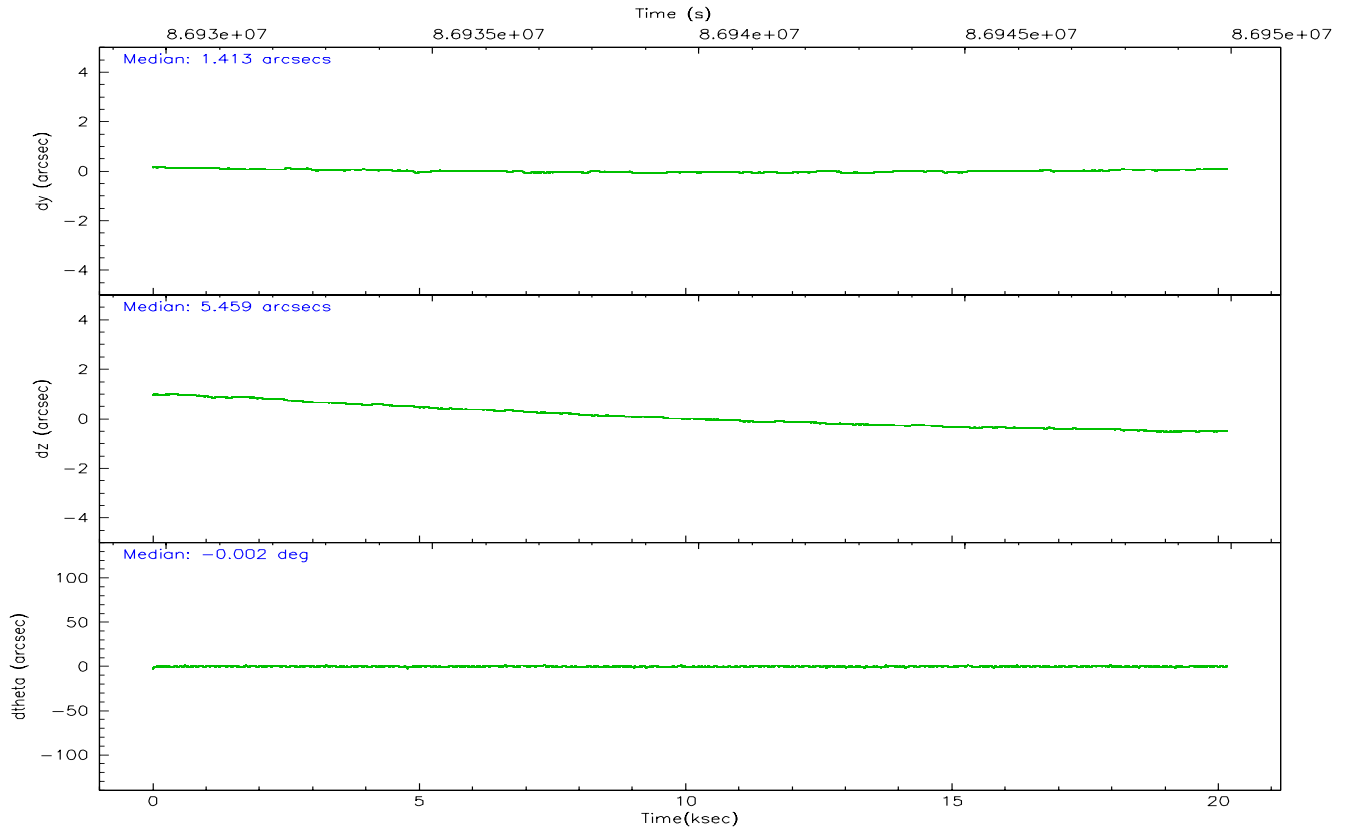
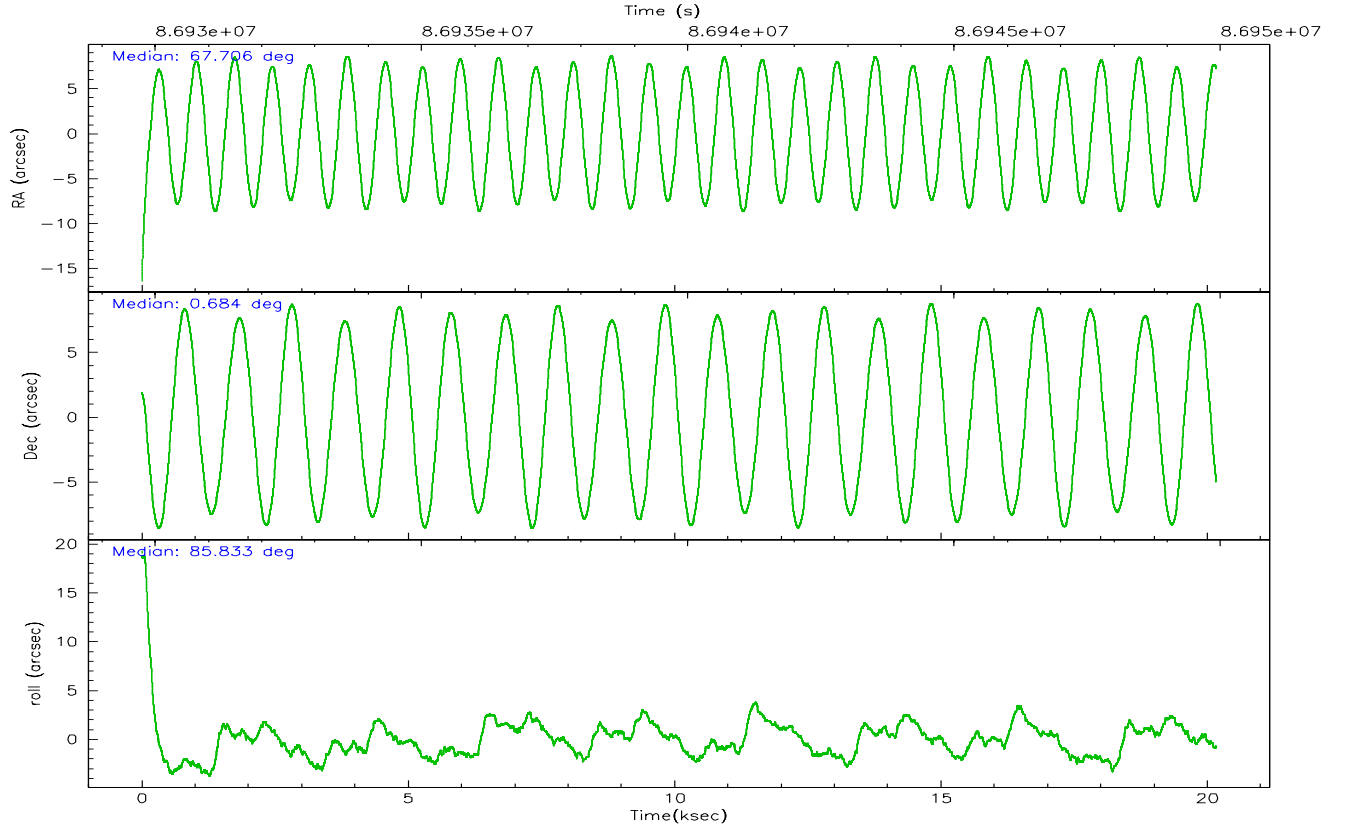
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	5913	6066	6212	6343	5830	6001
	5%	5%	5%	5%	4%	3%
grade 1 events	59	38	60	50	49	143
	0%	0%	0%	0%	0%	0%
grade 2 events	2797	2877	2835	2813	2841	12162
	2%	2%	2%	2%	2%	7%
grade 3 events	1461	1530	1212	1343	1400	5892
	1%	1%	0%	1%	1%	3%
grade 4 events	1285	1577	1310	1338	1424	5700
	1%	1%	1%	1%	1%	3%
grade 5 events	4079	4570	4156	4521	5049	14499
	3%	3%	3%	3%	3%	9%
grade 6 events	2345	2619	2256	2406	2724	33813
	2%	2%	1%	1%	2%	22%
grade 7 events	93158	96172	105181	106121	110255	73996
	83%	83%	85%	84%	85%	48%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	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	67.717899	67.70596556131557	Subarray requested	NONE	NONE
Pointing Dec	0.659790	0.6845814158037263	Alternating exposures requested	N	N
Pointing Roll	85.634716	85.84355064771287	Primary exposure time	0.000000	3.2
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	86929920.184000	86928867.69348399			
Observation start date	2000-10-03T03:10:56	2000-10-03T02:54:27			
Observation end time	86949920.184000	86950206.144289			
Observation end date	2000-10-03T08:44:16	2000-10-03T08:50:06			
Read mode	TIMED	TIMED			

2.3 Aspect



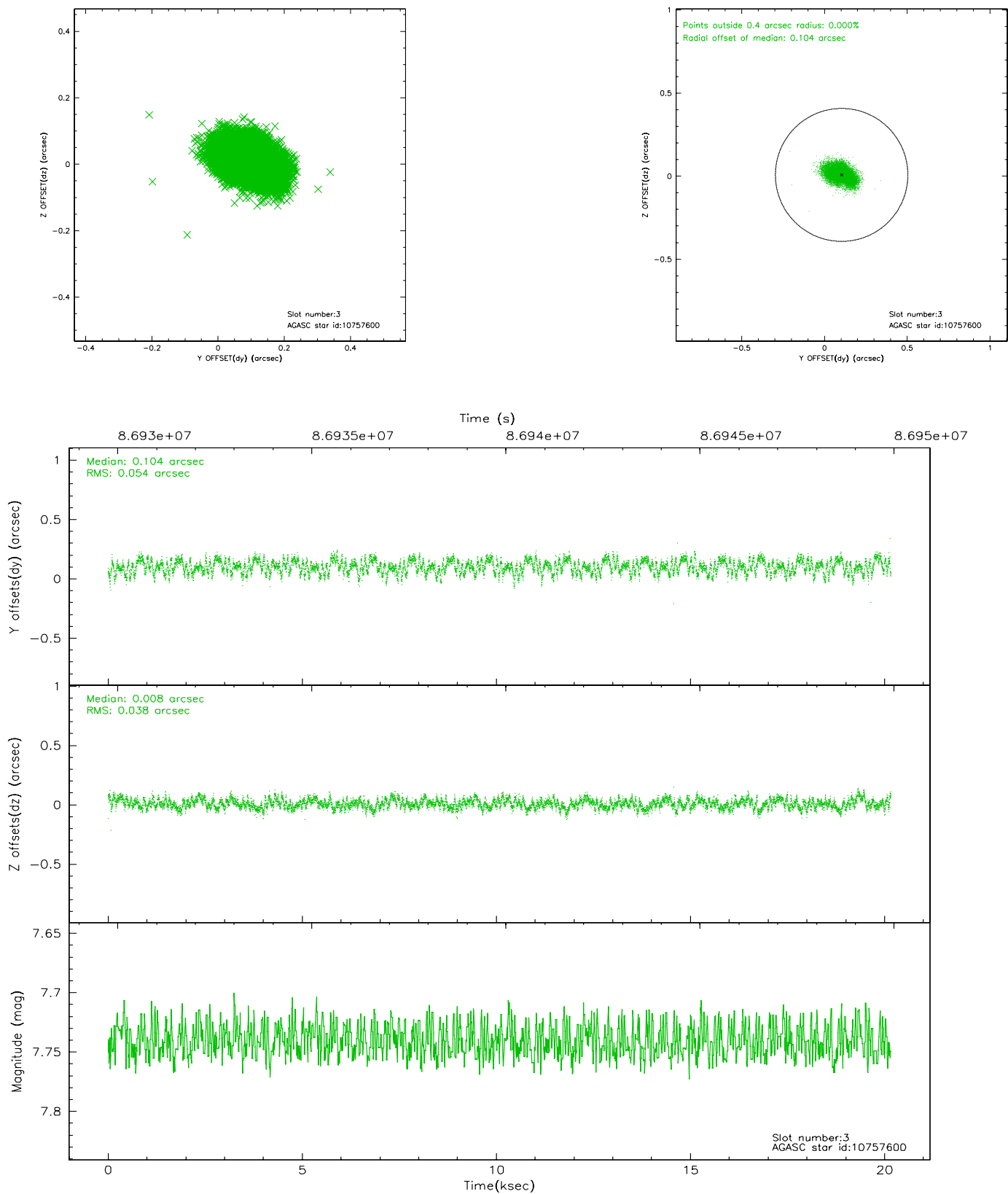


Slot Statistics

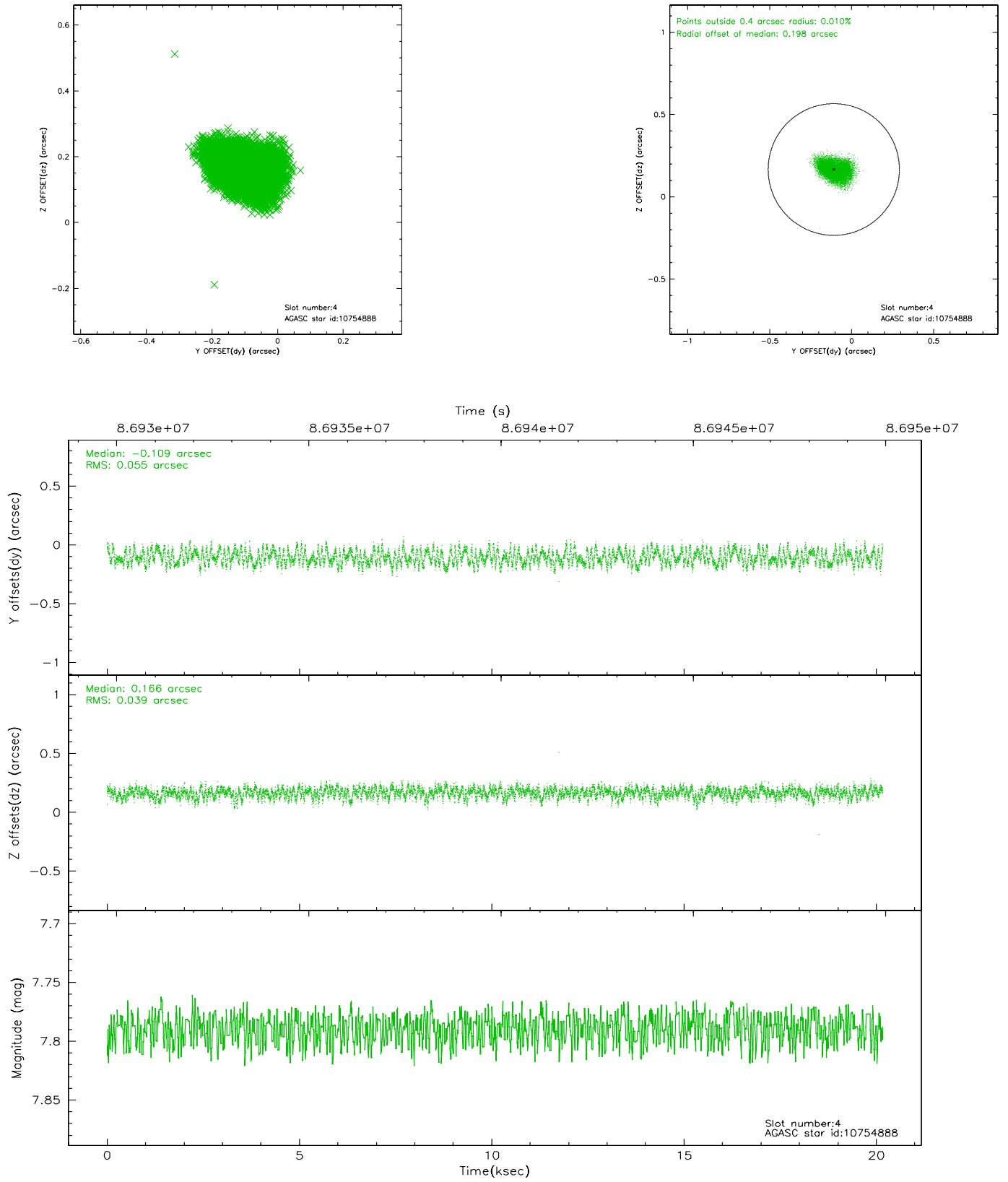
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-3	7.45	4917	-0.004	0.181	0.026	0.044	0.000000	0.000000	55.83	-961.96
1	FID	ACIS-I-4	7.19	4915	-0.099	-0.068	0.015	0.024	0.000000	0.000000	2158.28	1070.72
2	FID	ACIS-I-5	7.23	4915	0.004	-0.044	0.016	0.023	0.000000	0.000000	-1809.34	1068.83
3	GUIDE	10757600	7.74	9832	0.104	0.008	0.071	0.112	68.101972	0.980126	1255.75	-1289.82
4	GUIDE	10754888	7.79	9834	-0.109	0.166	0.073	0.115	68.381987	1.022476	1484.77	-2283.12
5	GUIDE	10751432	9.47	9831	0.036	0.147	0.085	0.140	68.276784	0.522722	-337.97	-2043.15
6	GUIDE	10754360	9.23	9831	-0.064	0.040	0.079	0.131	68.128628	1.121938	1771.91	-1346.74
7	GUIDE	9845336	9.14	9828	0.035	-0.359	0.091	0.145	67.151860	0.759033	201.24	2058.91

2.4 Star Slots

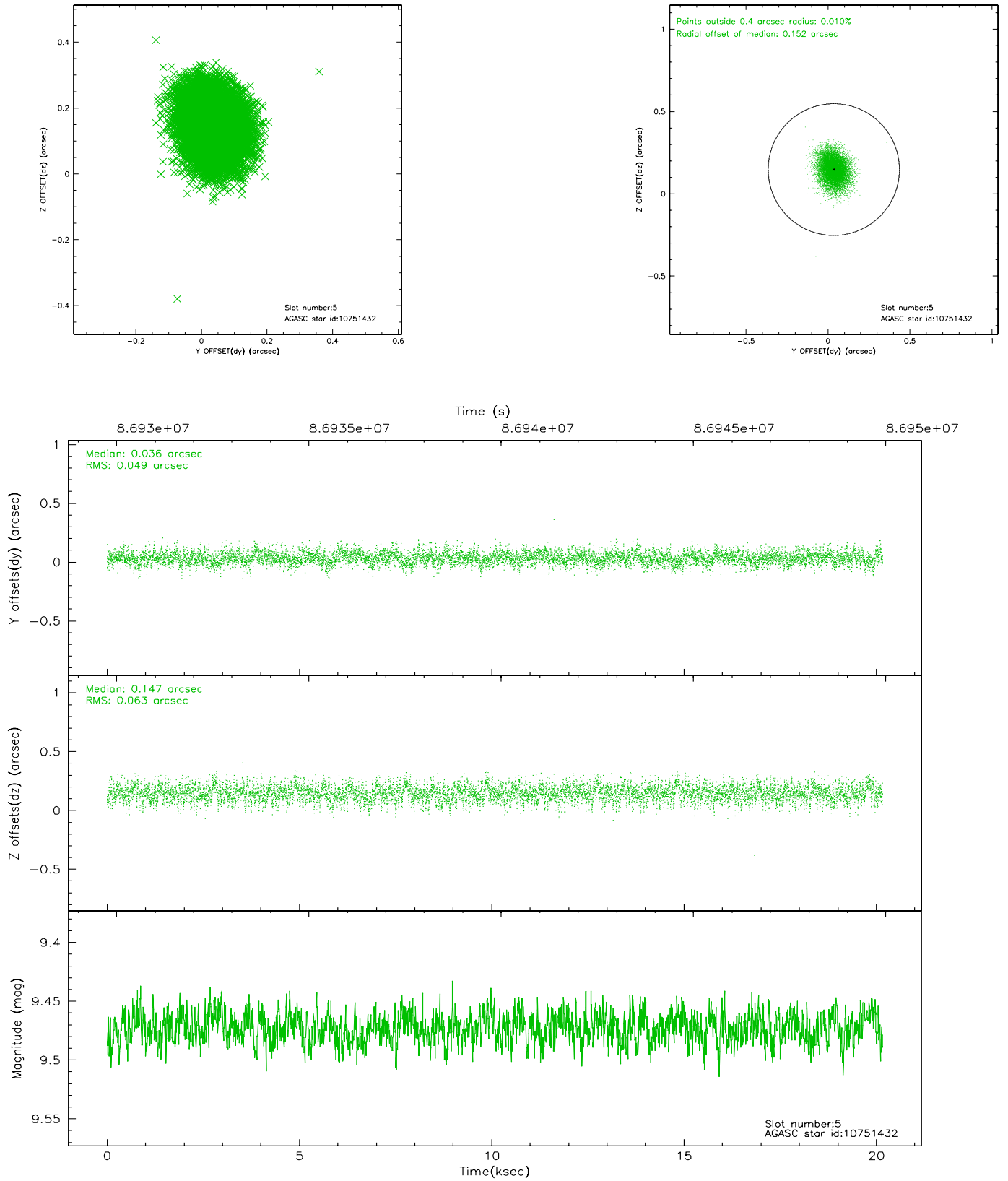
2.4.1 Slot 3



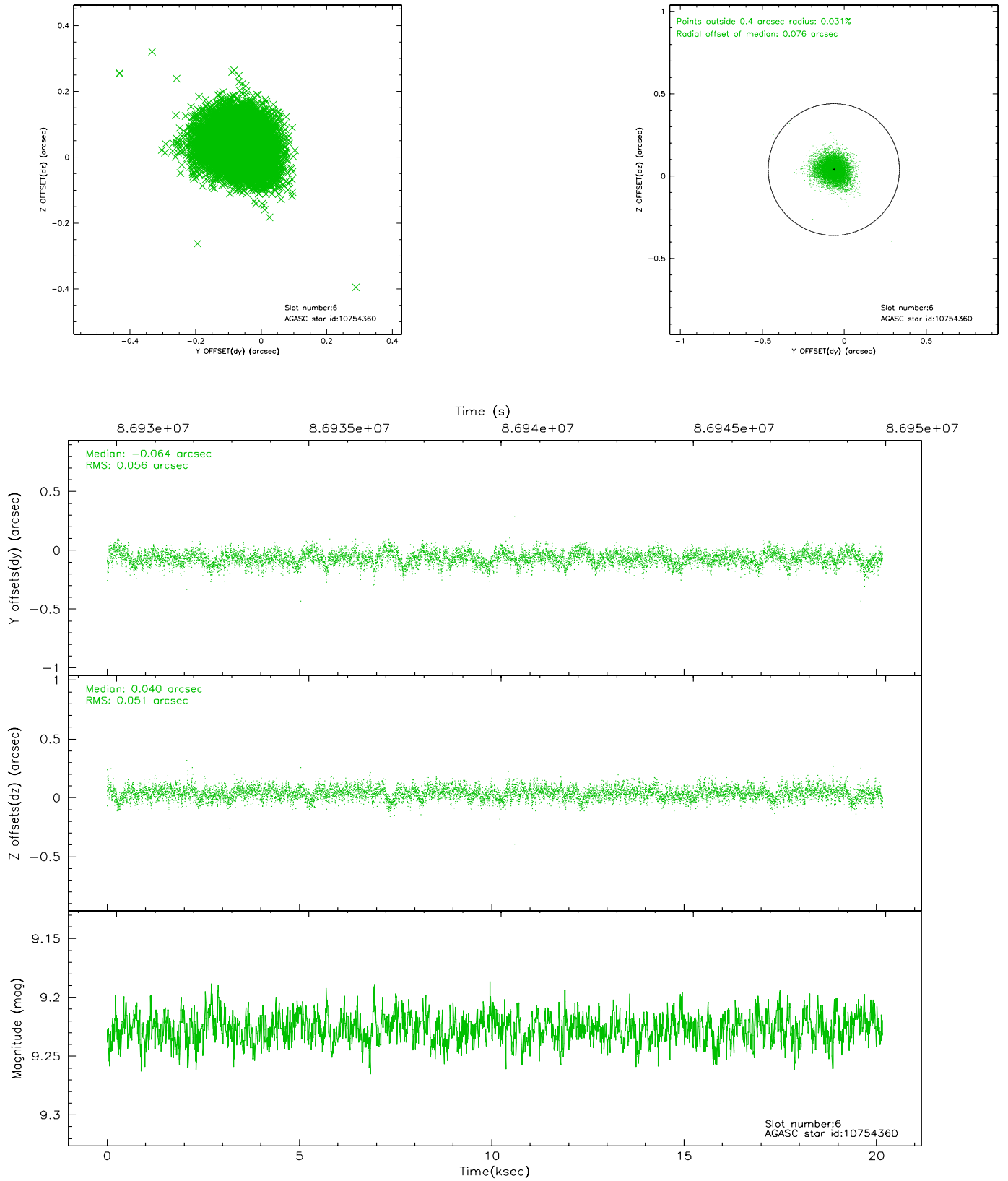
2.4.2 Slot 4



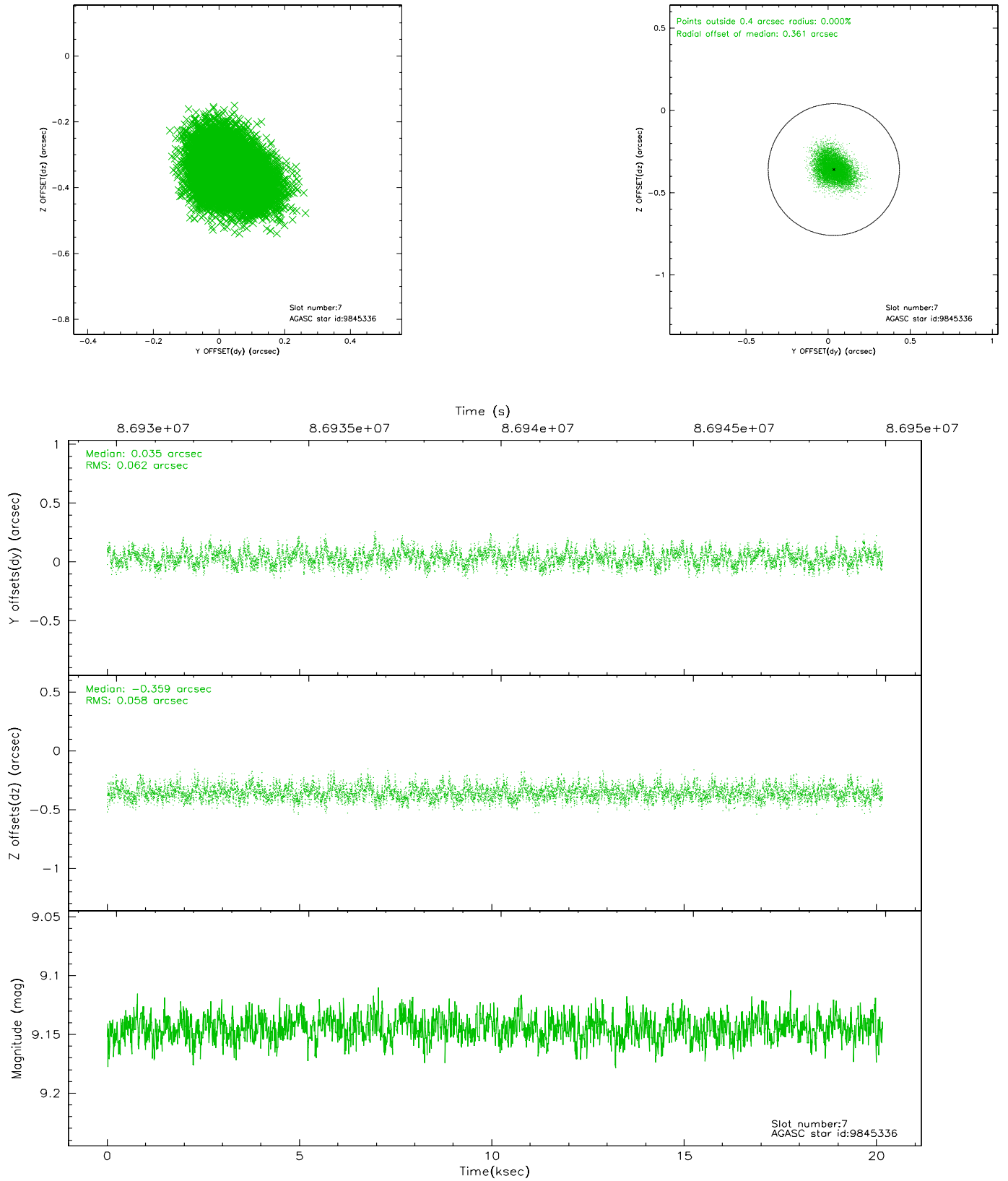
2.4.3 Slot 5



2.4.4 Slot 6

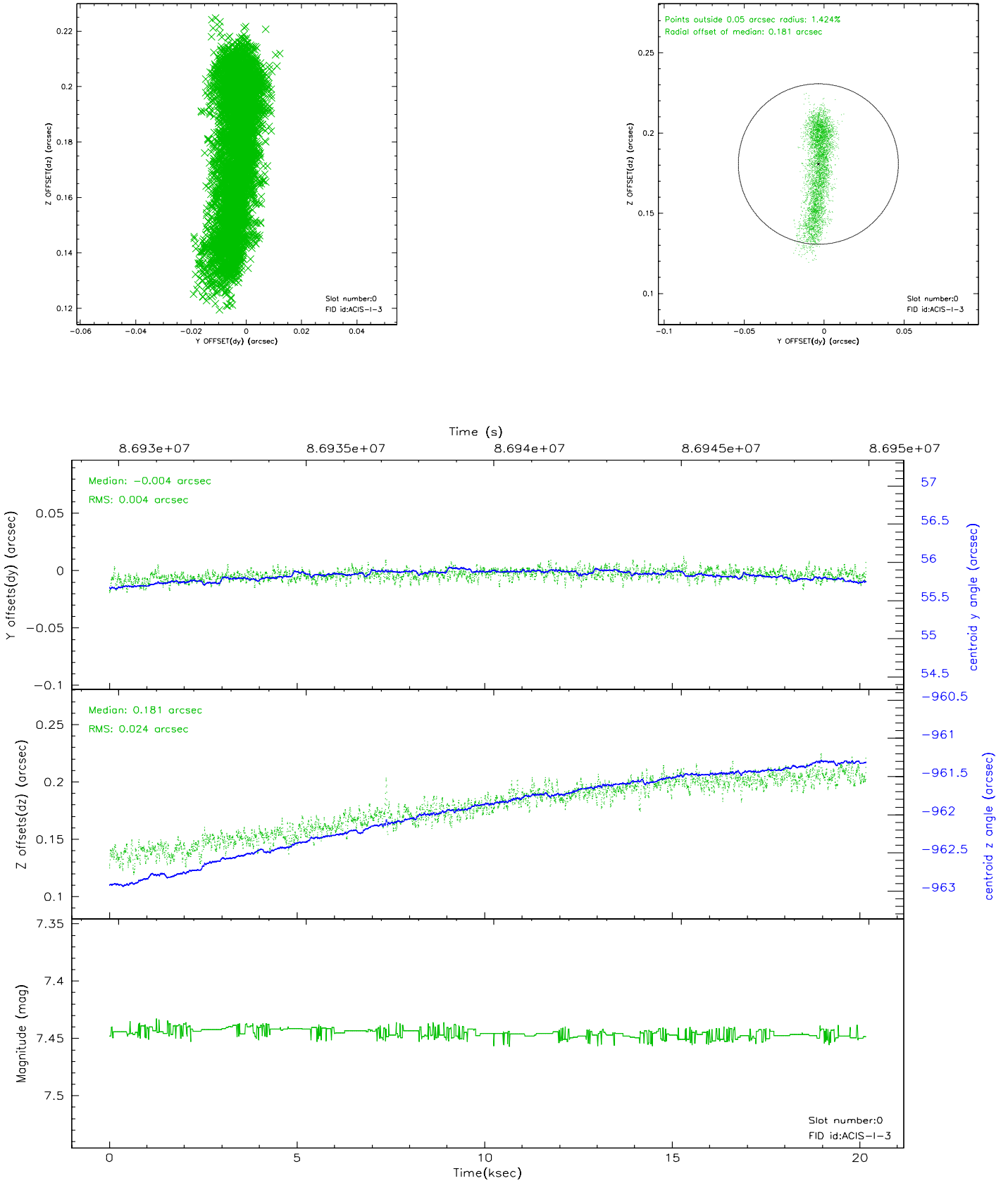


2.4.5 Slot 7

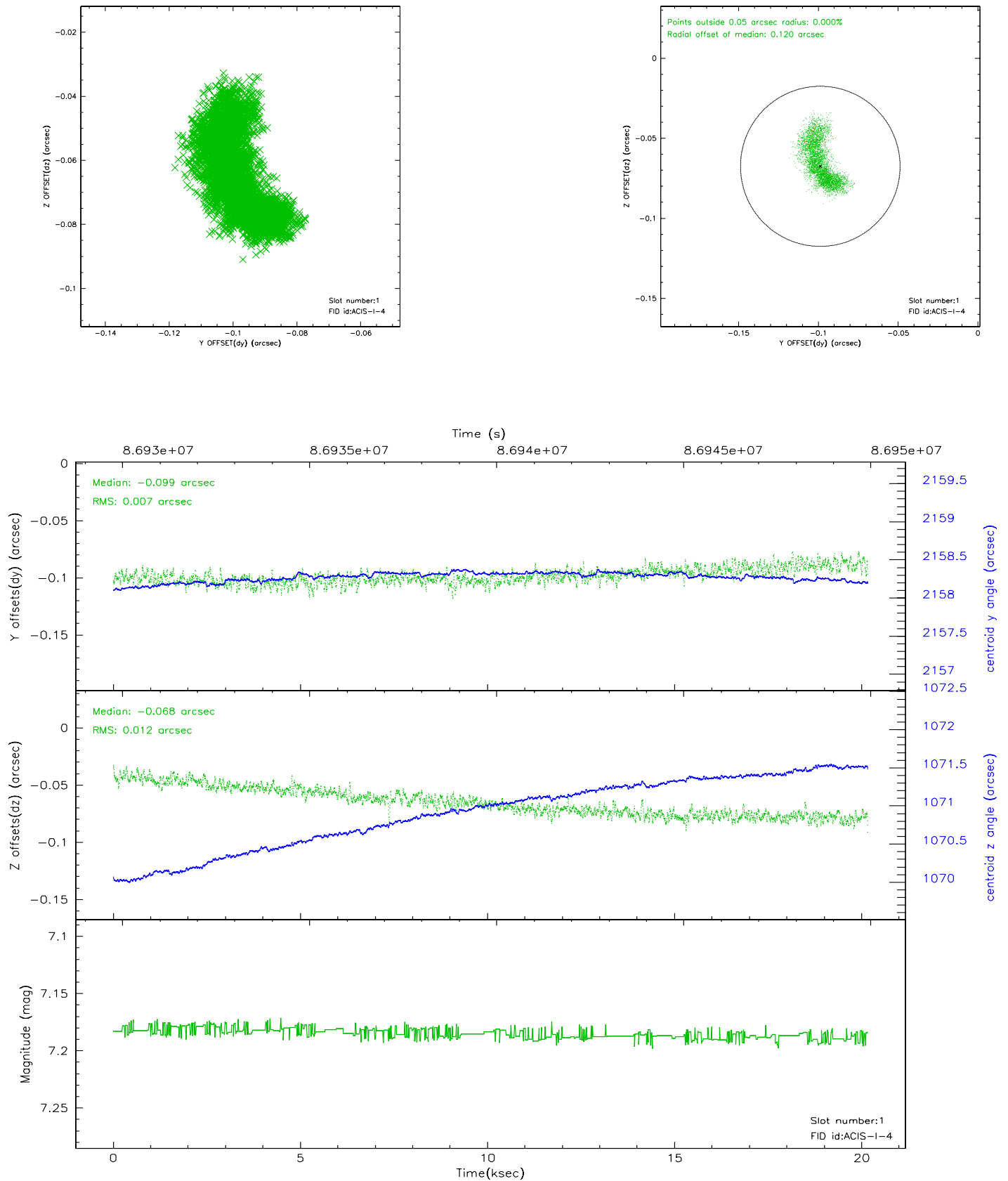


2.5 FID Slots

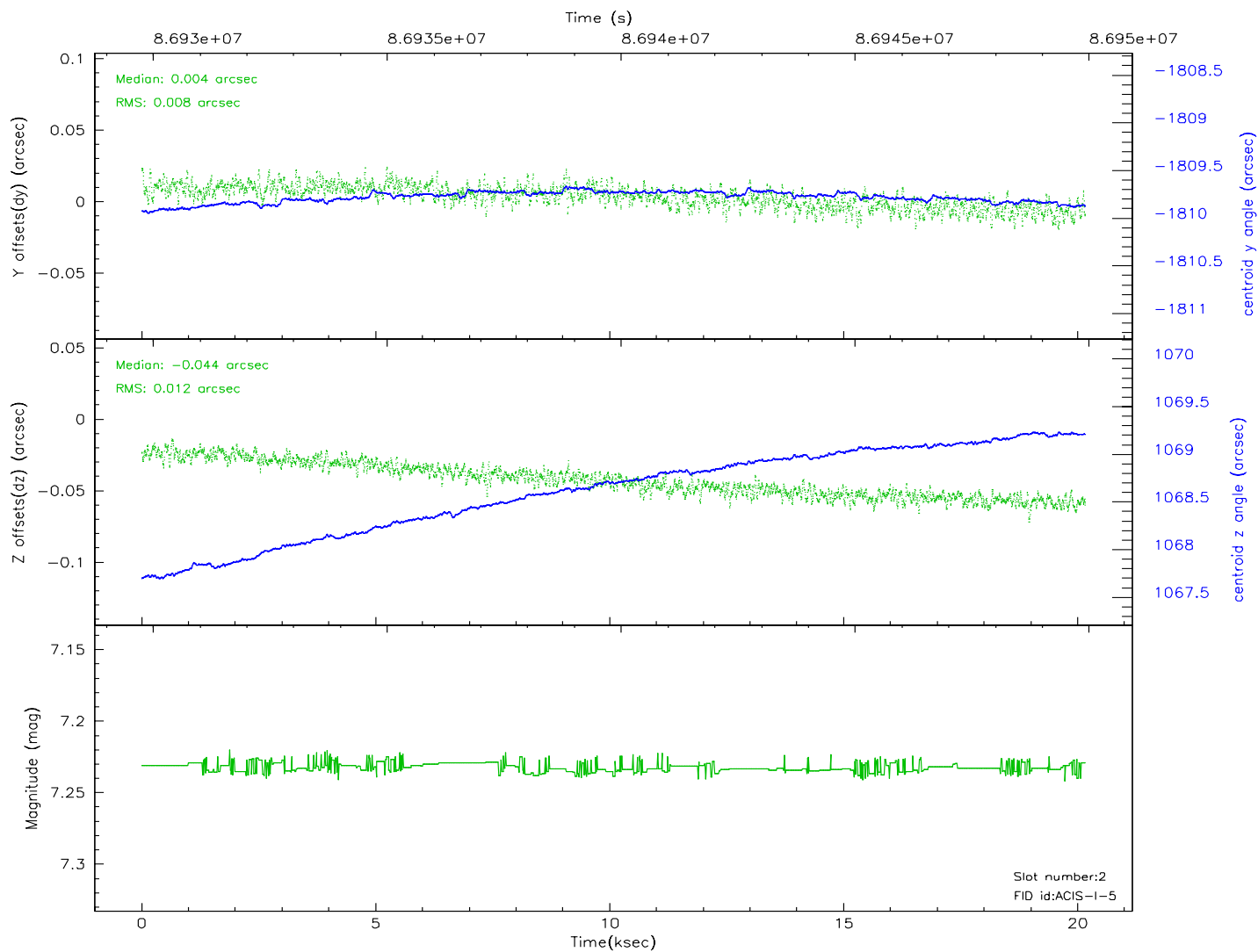
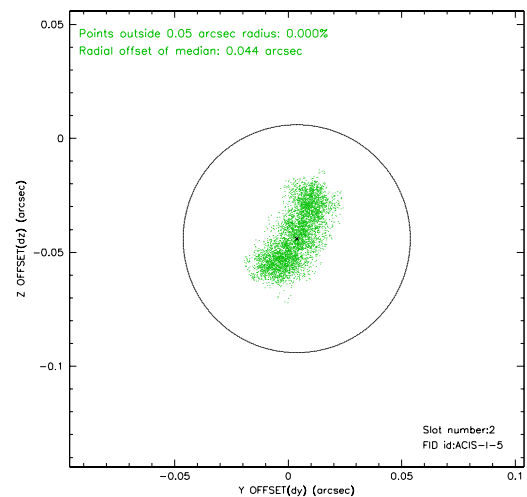
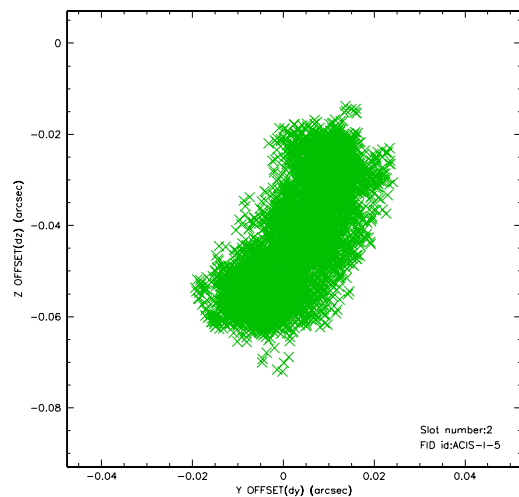
2.5.1 Slot 0



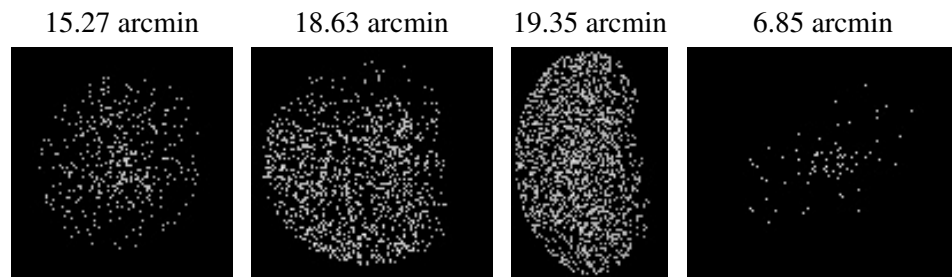
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.06.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.137

A.2 Comments