

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2678 - L2 Version 001
Chandra X-Ray Center

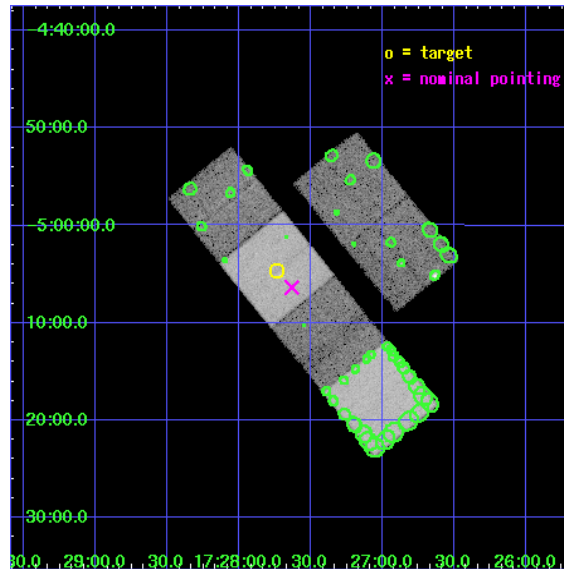
L2 Processing Date : Sep 22 2006

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1 Front

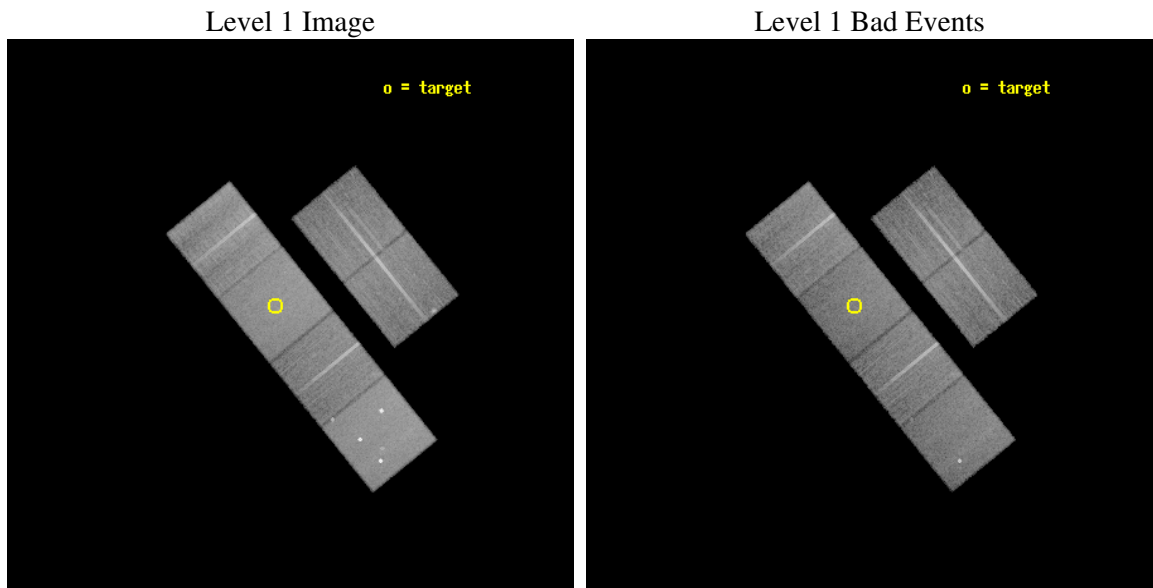
seq_num	300079
obs_id	2678
title	A UNIFORM STUDY OF GLOBULAR CLUSTER X--RAY SOURCES: THE KEYS TO CLUSTER DYNAMICAL EVOLUTION
observer	Prof. Walter Lewin
object	NGC 6366
dtcycle	0
cycle	P
ra_targ	261.934583
dec_targ	-5.076639
ra_nom	261.90814220159
dec_nom	-5.1061927493492
roll_nom	230.8780217457
revision	2
ontime	22259.199917078
livetime	21977.340524847
ontime2	22259.199917078
ontime3	22259.199917078
ontime5	22259.199917078
ontime6	22259.199917078
ontime7	22259.199917078
ontime8	22255.95893681
l2events	239541



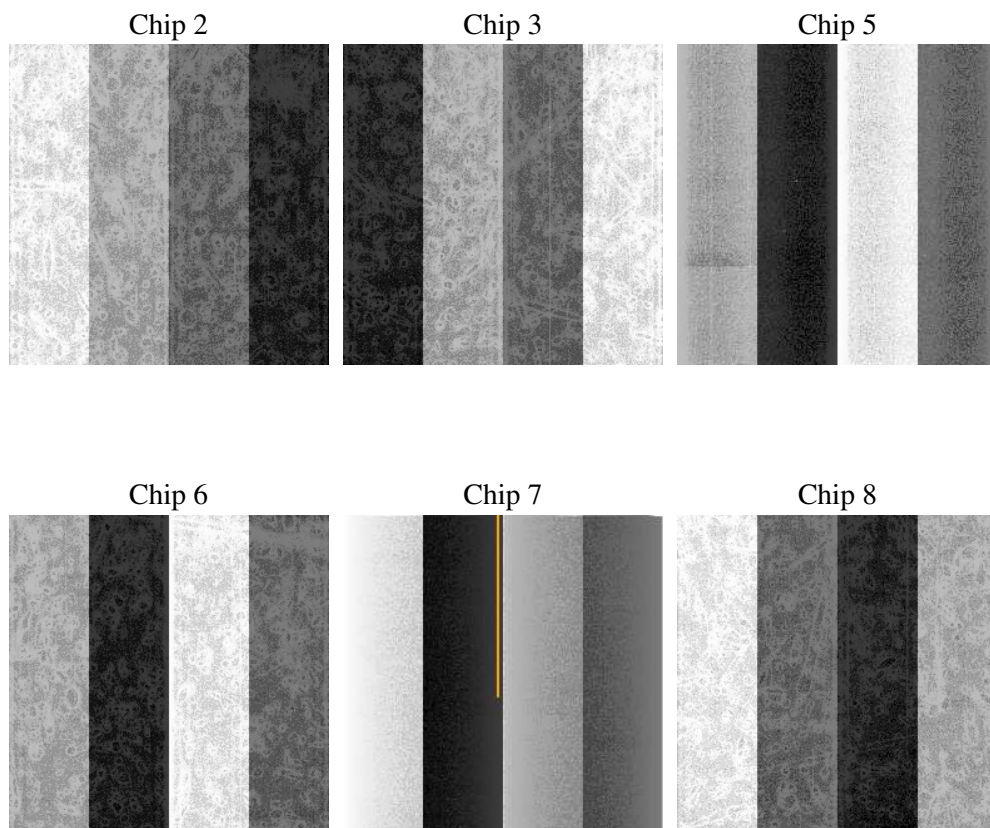
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.3
date	2006-09-22T19:03:47
revision	2

sched_exp_time	22500.000000
ontime	22262.481173158
ontime2	22262.48115325
ontime3	22262.48115325
ontime5	22262.48115325
ontime6	22262.48115325
ontime7	22262.481173158
ontime8	22259.240083307
l1events	1093381

2.1.4 Events

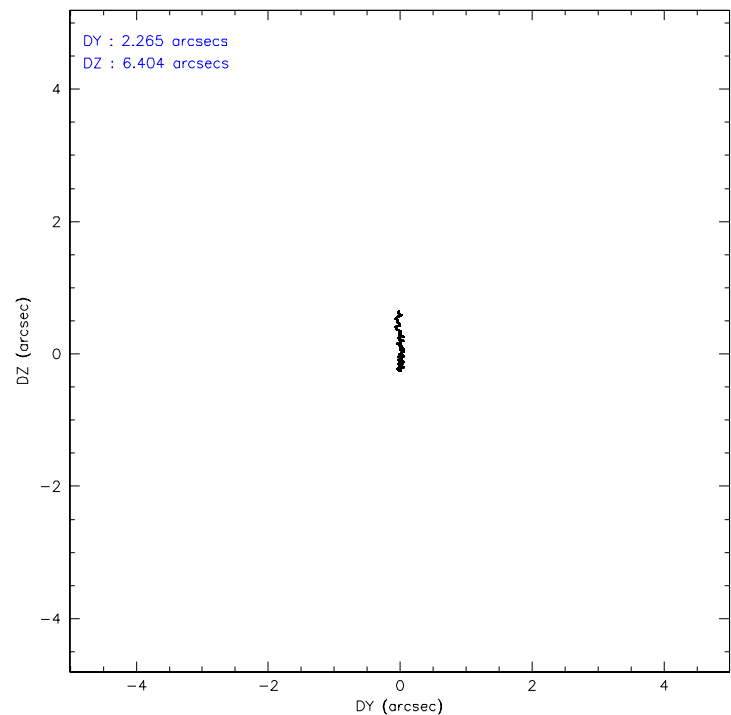
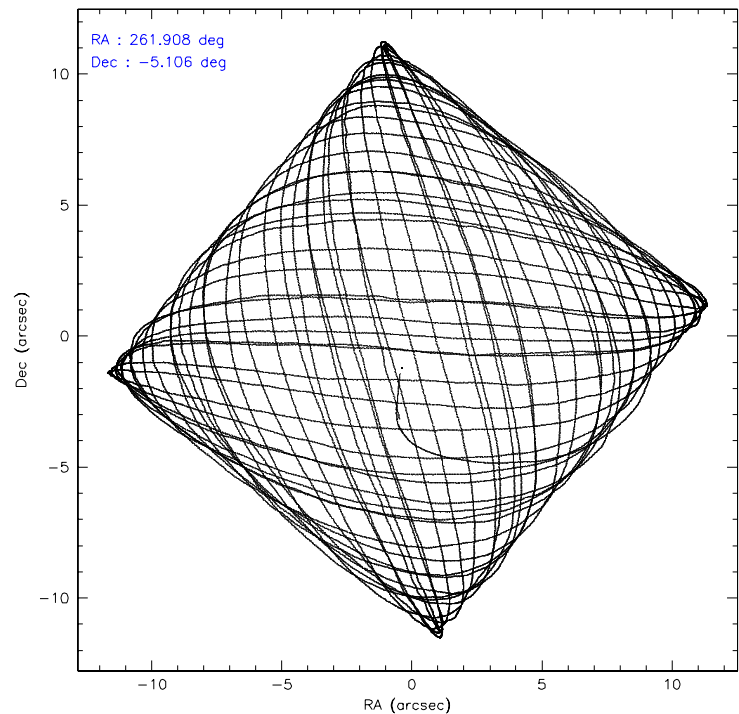
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	159896	151928	226518	155308	197922	201809
rejected events	138751	132588	122754	134943	119990	154289
rejected %	86%	87%	54%	86%	60%	76%

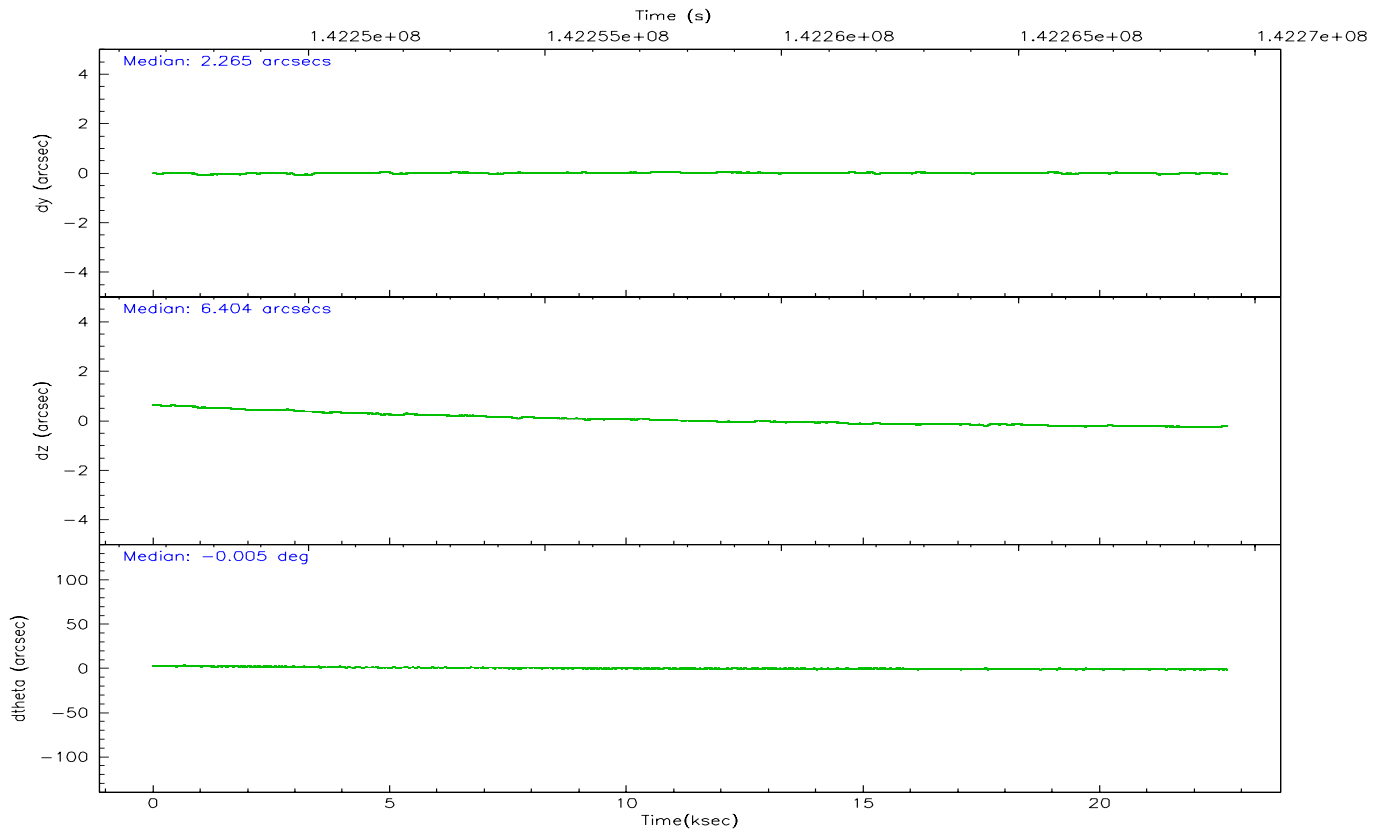
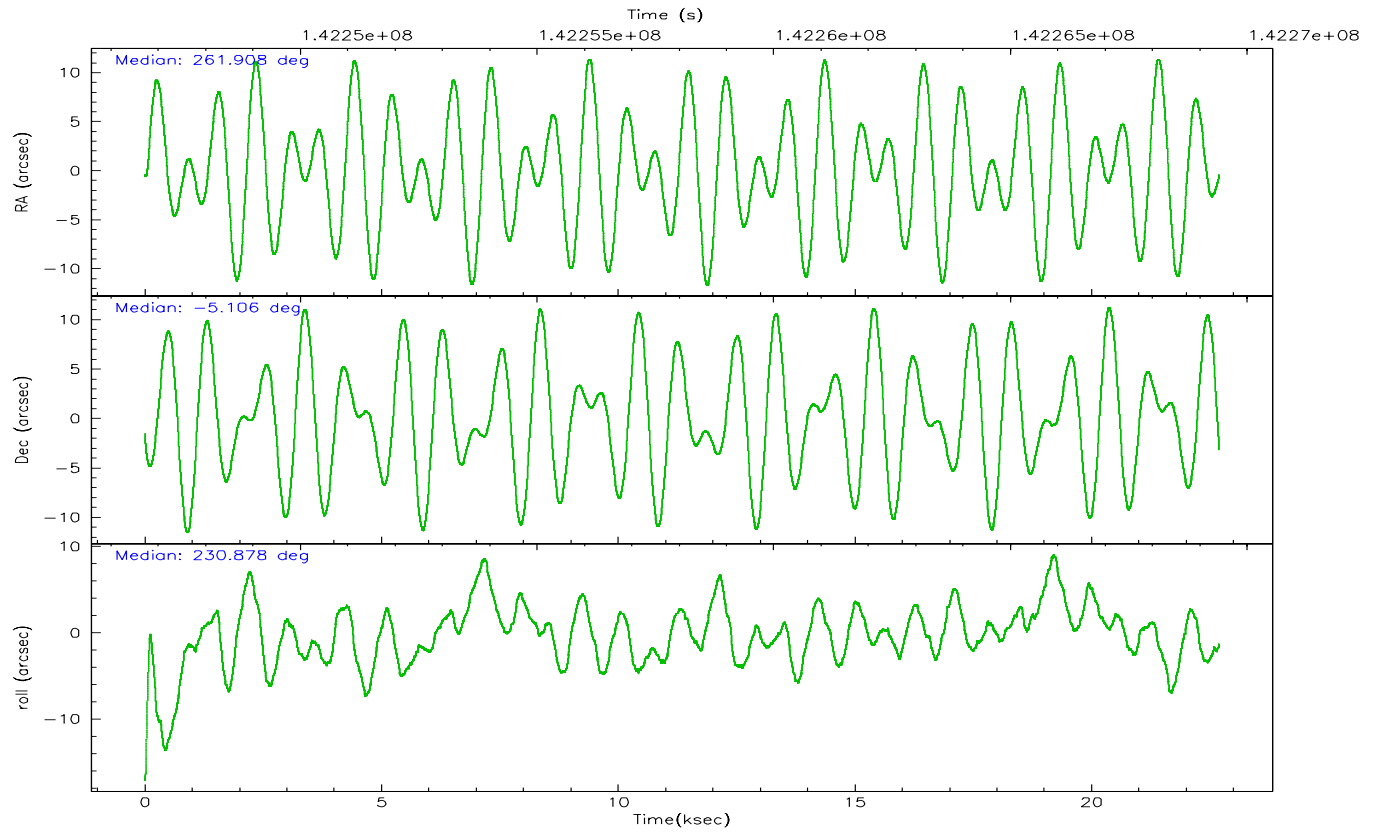
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	9622	8302	12787	8536	4983	16298
	6%	5%	5%	5%	2%	8%
grade 1 events	83	77	203	87	101	154
	0%	0%	0%	0%	0%	0%
grade 2 events	4576	4150	31843	4411	19351	9380
	2%	2%	14%	2%	9%	4%
grade 3 events	1709	1644	2451	1824	4187	5740
	1%	1%	1%	1%	2%	2%
grade 4 events	1770	1744	2289	1772	4156	5304
	1%	1%	1%	1%	2%	2%
grade 5 events	5455	5883	11286	6499	13290	8295
	3%	3%	4%	4%	6%	4%
grade 6 events	3471	3503	54406	3825	45269	10800
	2%	2%	24%	2%	22%	5%
grade 7 events	133210	126625	111253	128354	106585	145838
	83%	83%	49%	82%	53%	72%

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	261.912117	261.9081422015883	Subarray requested	NONE	NONE
Pointing Dec	-5.079260	-5.106192749349224	Alternating exposures requested	N	N
Pointing Roll	230.721757	230.8780217457043	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	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	142246915.184000	142246201.07445			
Observation start date	2002-07-05T09:00:51	2002-07-05T08:50:01			
Observation end time	142269415.184000	142270188.12543			
Observation end date	2002-07-05T15:15:51	2002-07-05T15:29:48			
Read mode	TIMED	TIMED			

2.3 Aspect



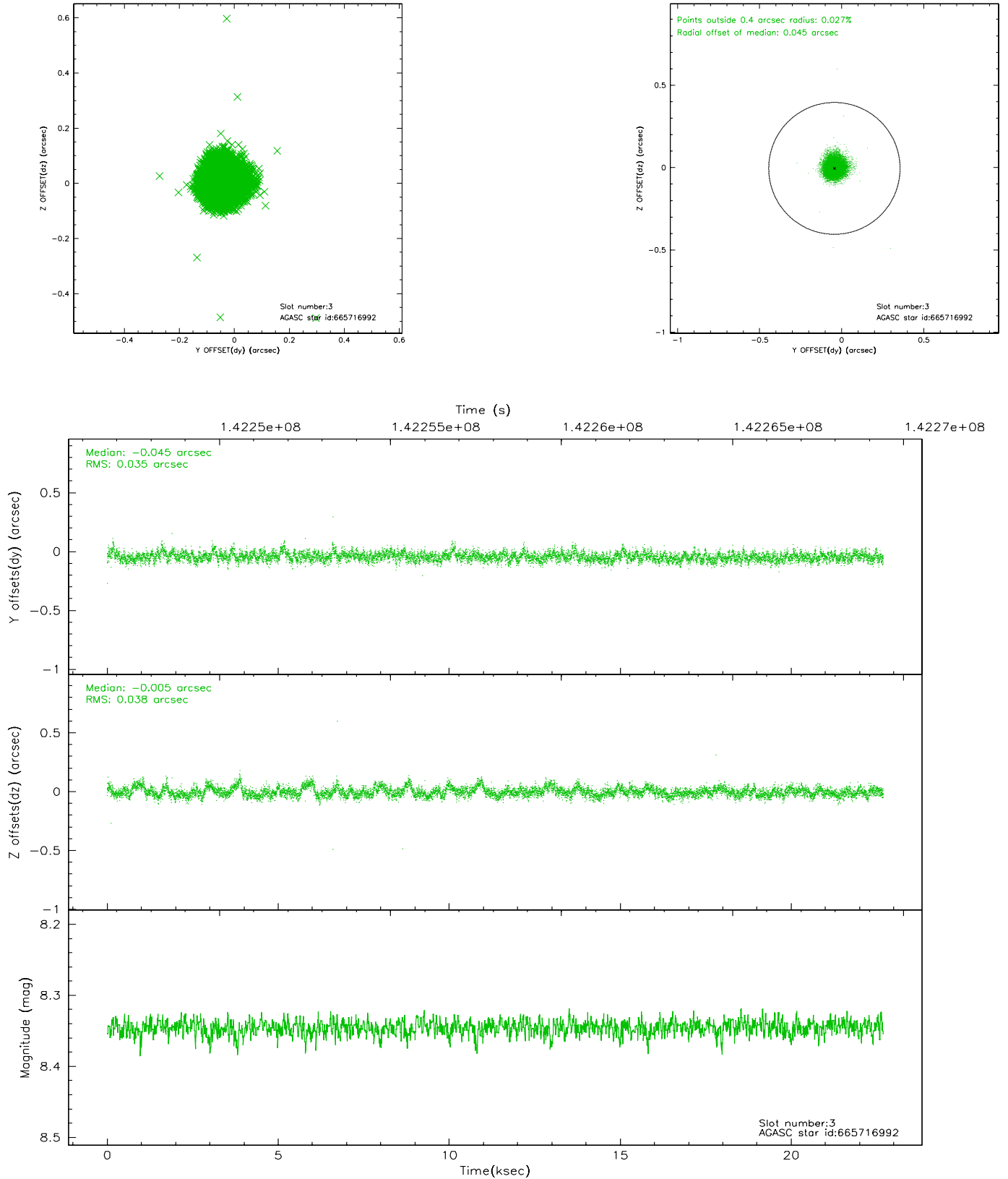


Slot Statistics

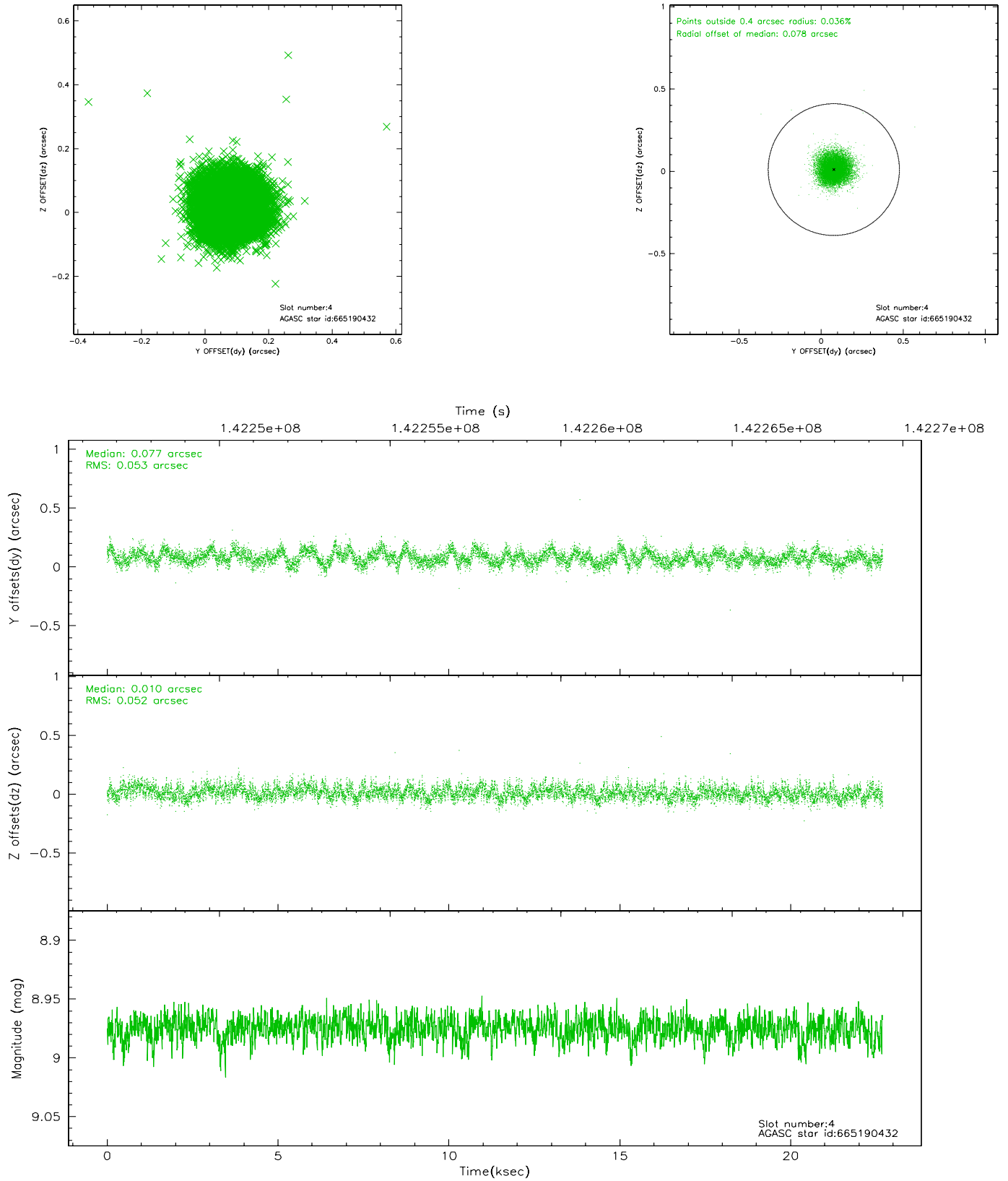
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	5535	-0.035	0.020	0.008	0.019	0.000000	0.000000	-754.89	-1727.56
1	FID	ACIS-S-4	7.20	5533	-0.044	0.011	0.008	0.017	0.000000	0.000000	2158.28	180.81
2	FID	ACIS-S-5	7.24	5532	0.047	-0.023	0.007	0.012	0.000000	0.000000	-1807.49	174.55
3	GUIDE	665716992	8.35	11065	-0.045	-0.005	0.054	0.088	261.849486	-5.734823	1969.07	1321.17
4	GUIDE	665190432	8.97	11060	0.077	0.010	0.079	0.126	262.499326	-4.802604	-2103.42	1001.48
5	GUIDE	665716840	8.75	11065	0.033	0.019	0.079	0.125	262.177923	-5.639109	957.46	2013.99
6	GUIDE	665195048	9.59	11059	0.070	0.067	0.102	0.164	261.528931	-5.419910	1819.55	-285.55
7	GUIDE	665192320	10.03	11001	-0.127	-0.081	0.145	0.291	261.888187	-4.323966	-2050.06	-1787.46

2.4 Star Slots

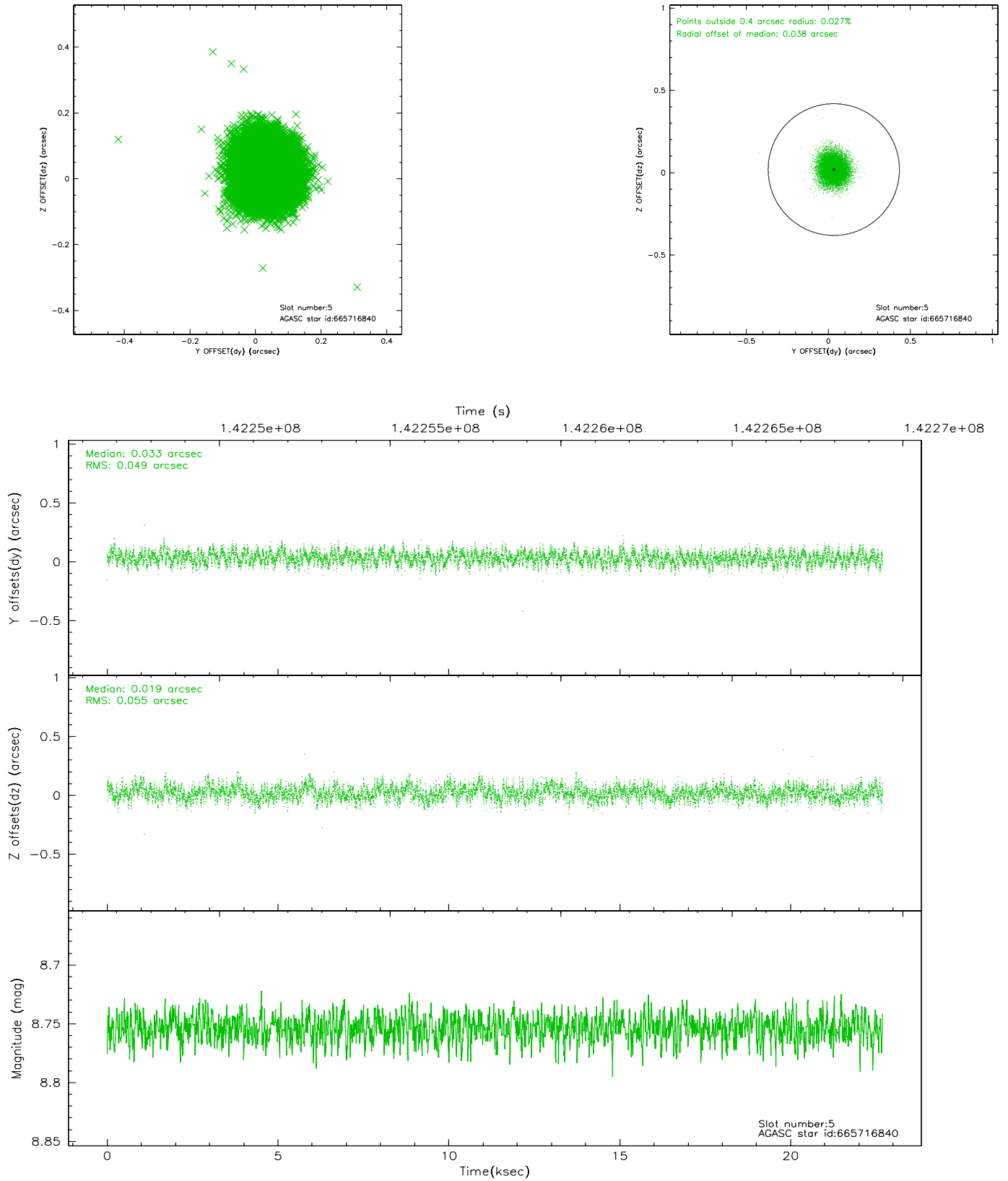
2.4.1 Slot 3



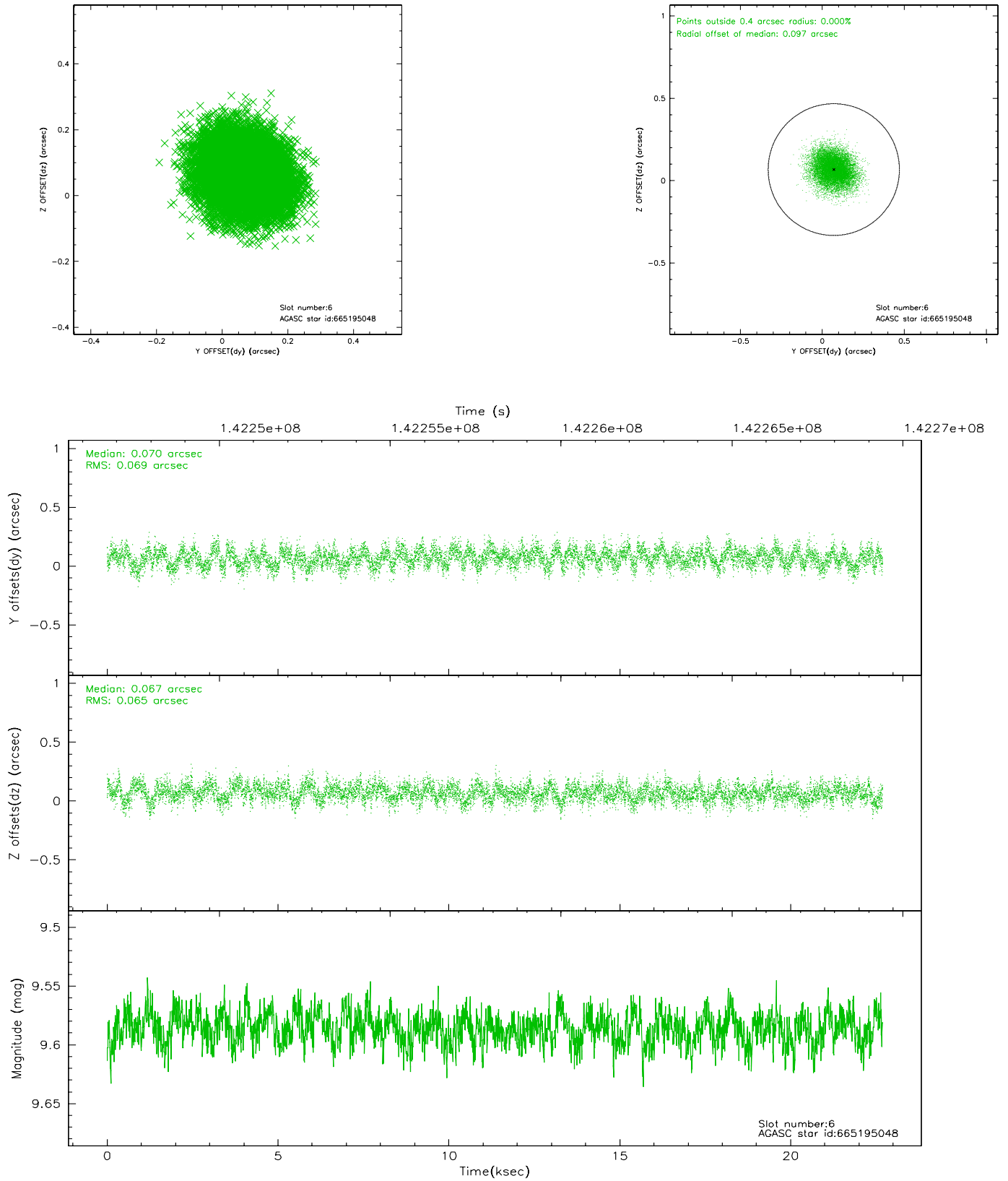
2.4.2 Slot 4



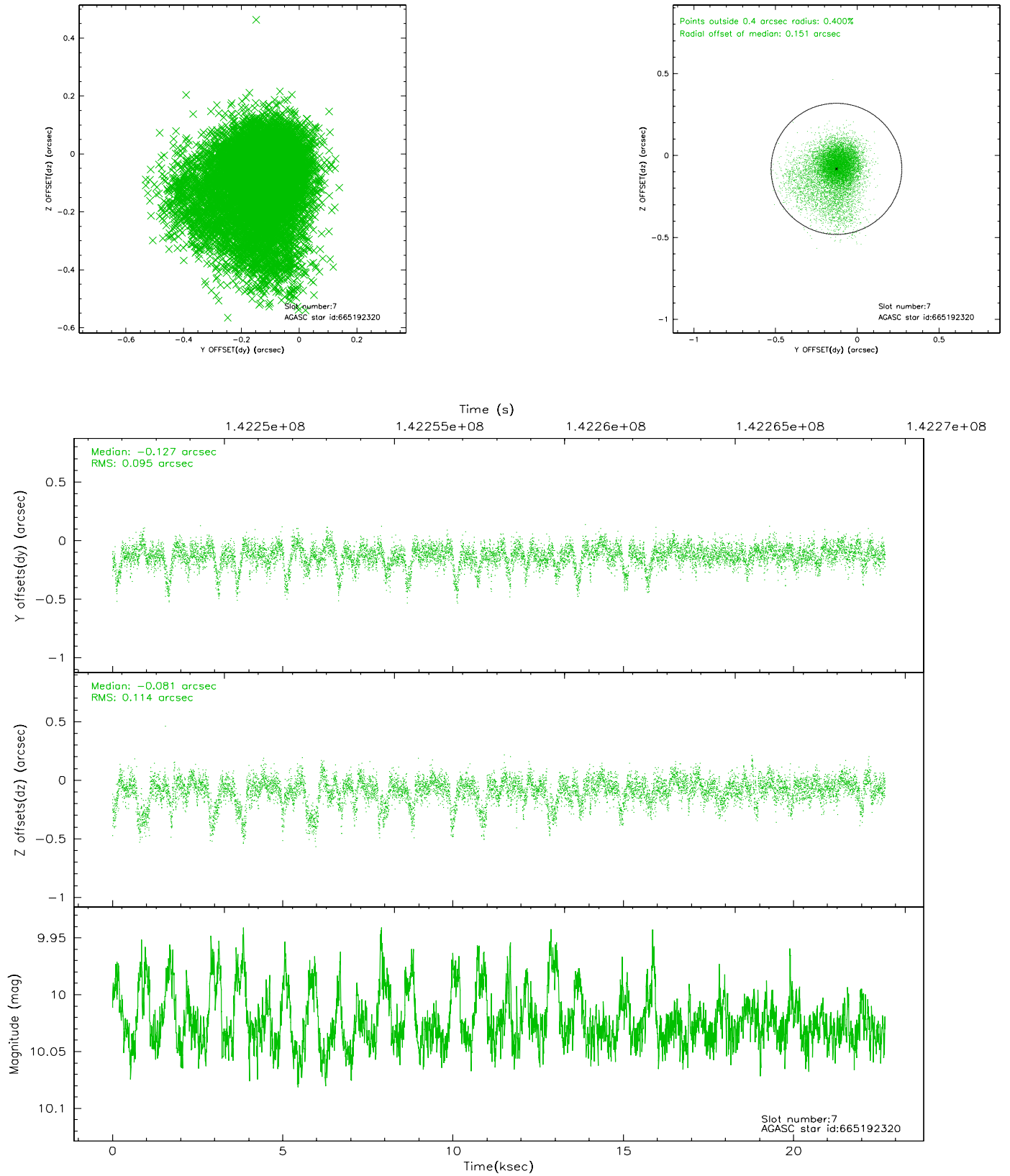
2.4.3 Slot 5



2.4.4 Slot 6

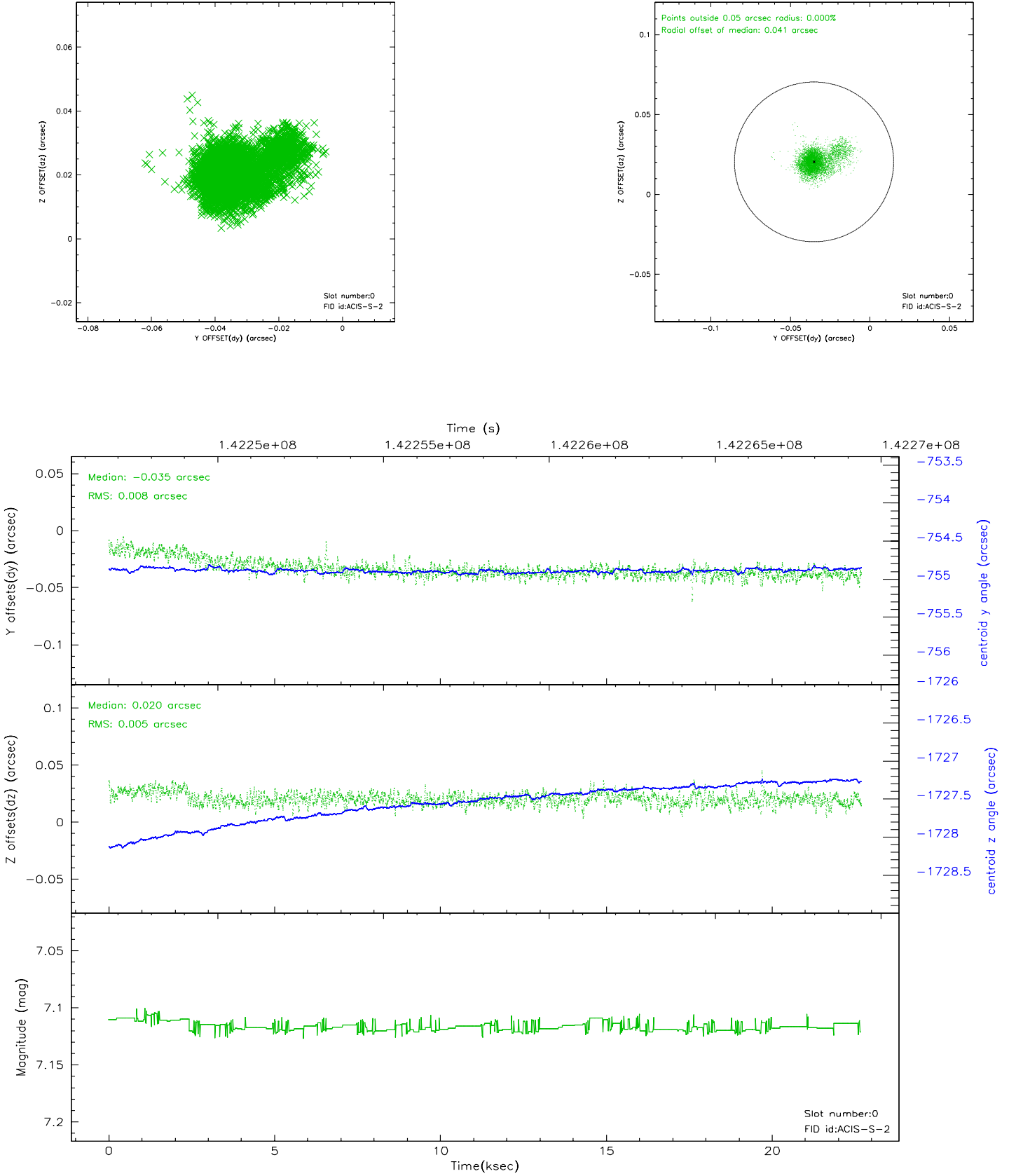


2.4.5 Slot 7

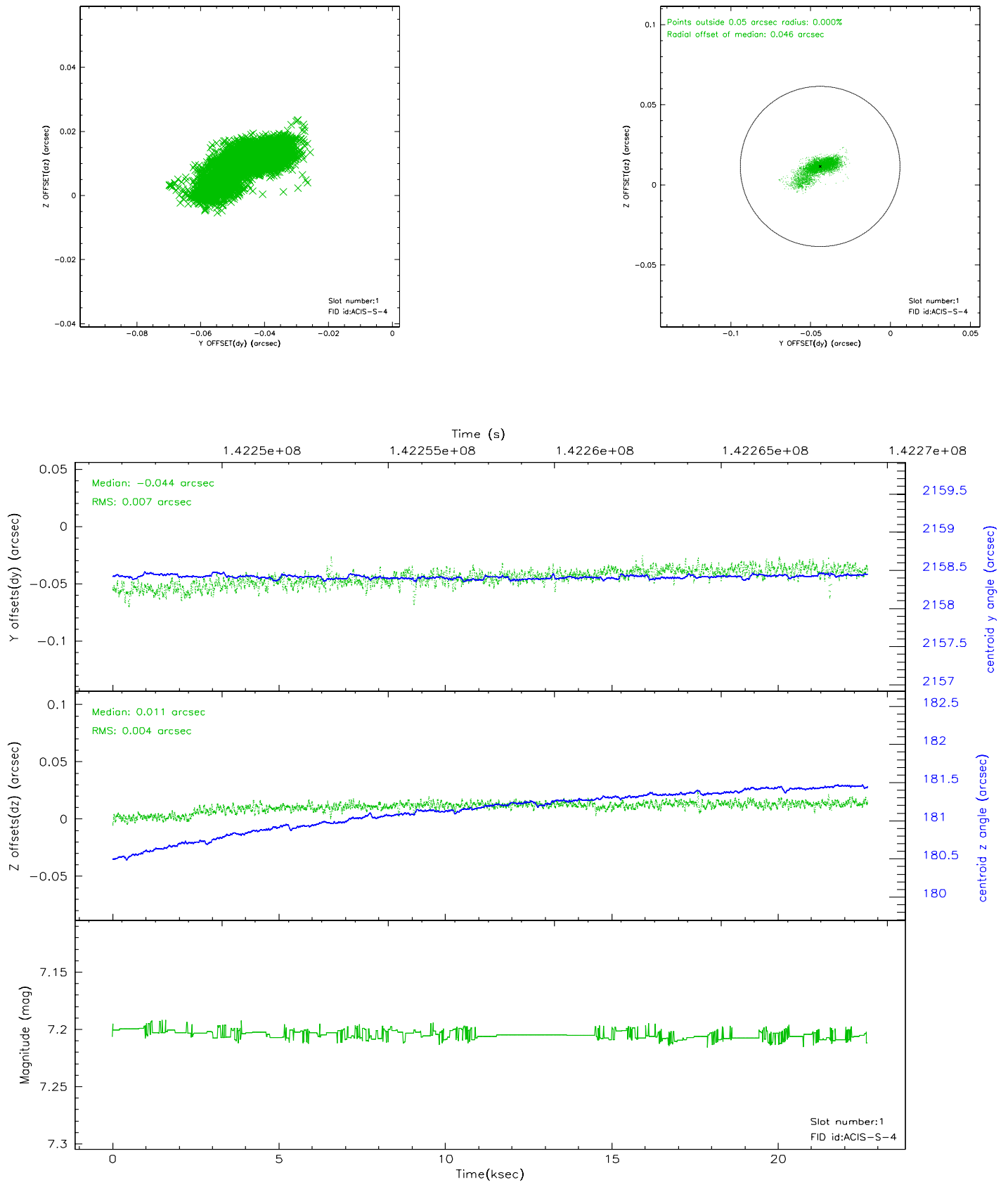


2.5 FID Slots

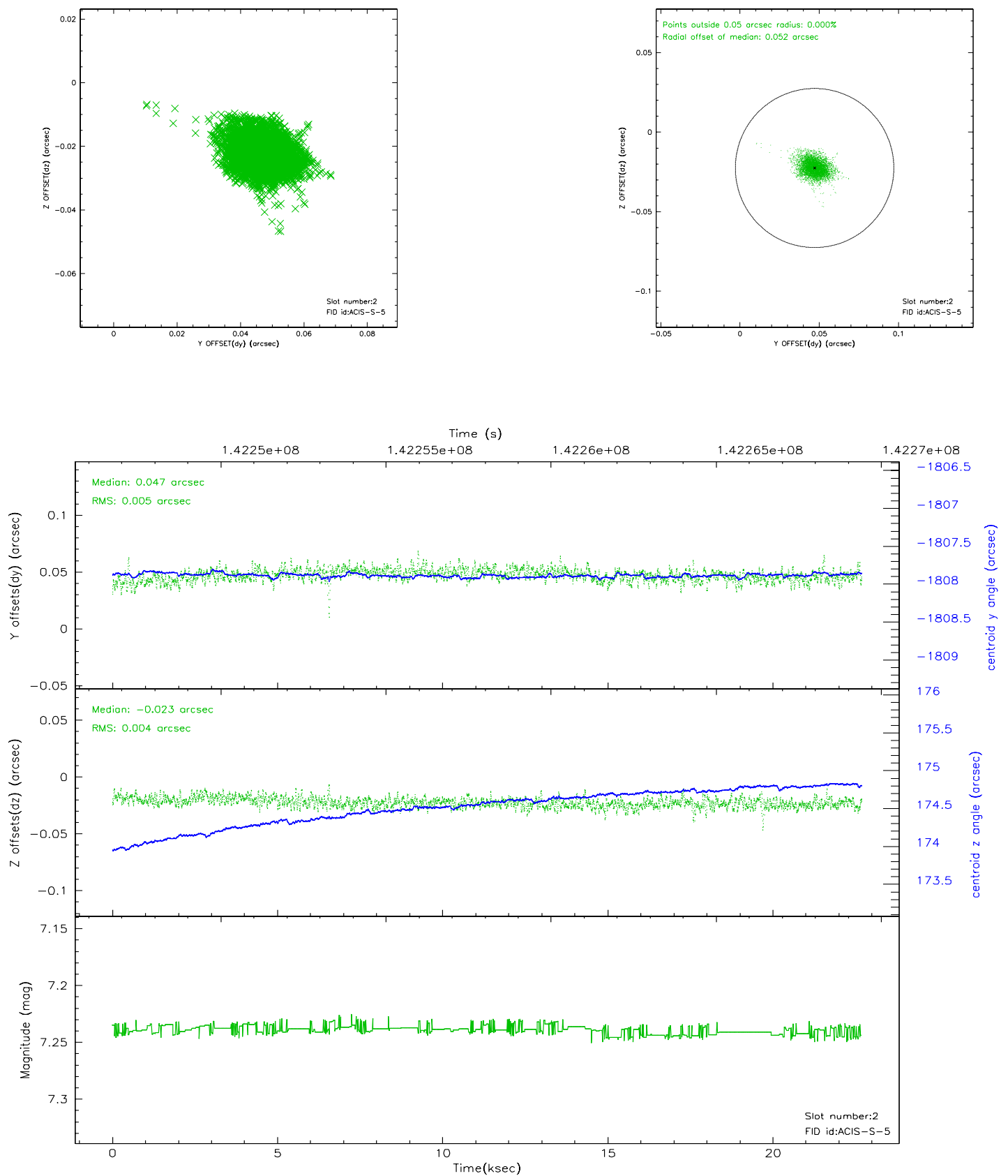
2.5.1 Slot 0



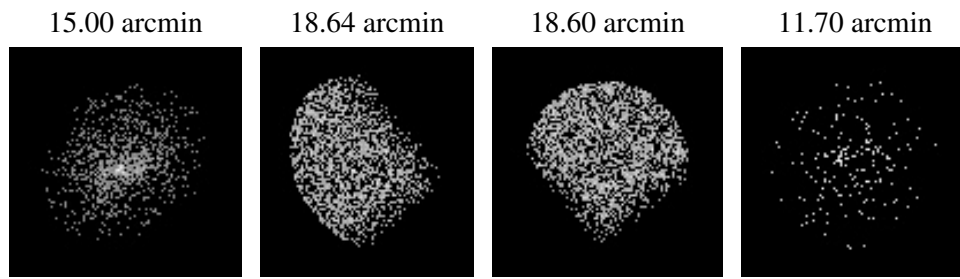
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.09.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	22.259

A.2 Comments