

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 654 - L2 Version 001
Chandra X-Ray Center

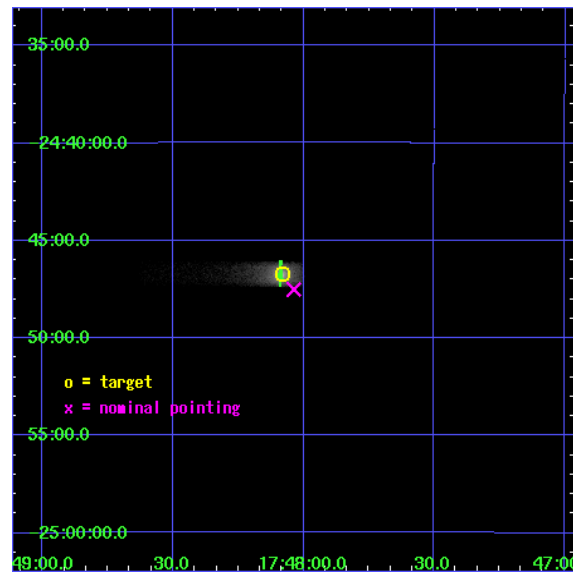
L2 Processing Date : May 31 2007

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1 Front

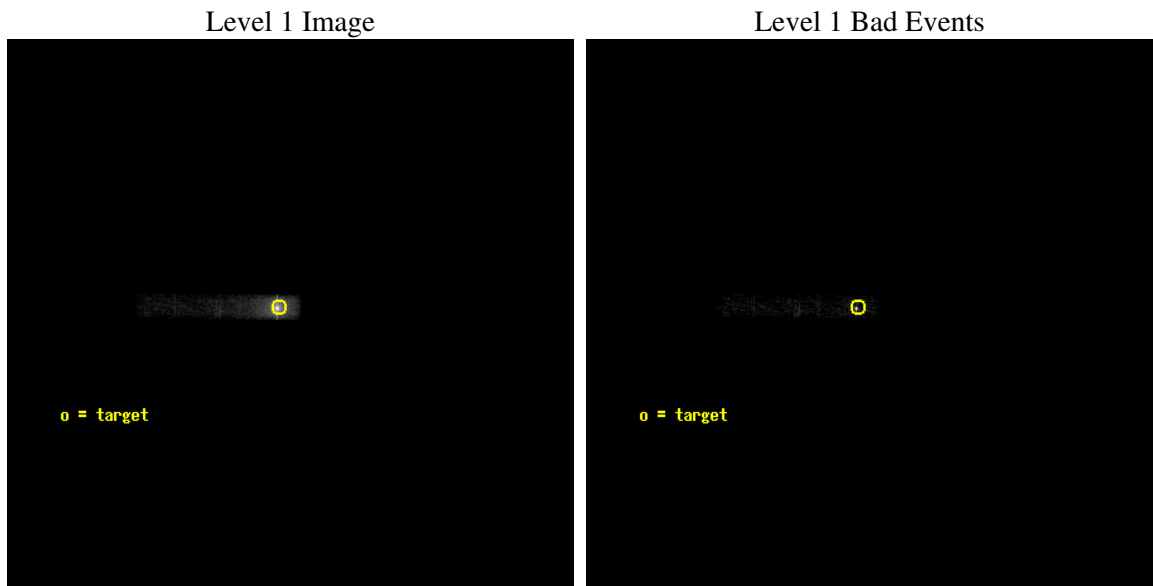
seq_num	300023
obs_id	654
title	X-RAYING COMPACT BINARIES IN THE EXTREME GLOBULAR CLUSTER, TERZAN 5
observer	Prof Jonathan Grindlay
object	TERZAN 5
dtcycle	0
cycle	P
ra_targ	267.020417
dec_targ	-24.779139
ra_nom	267.00920308311
dec_nom	-24.791967846503
roll_nom	270.74353332979
revision	3
ontime	5413.5
livetime	5002.8648528759
ontime3	5413.5
l2events	42117



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 3



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.4.0
date	2007-06-01T02:37:00
revision	3

sched_exp_time	5000.000000
ontime	5413.5
ontime3	5413.5
l1events	57408

2.1.4 Events

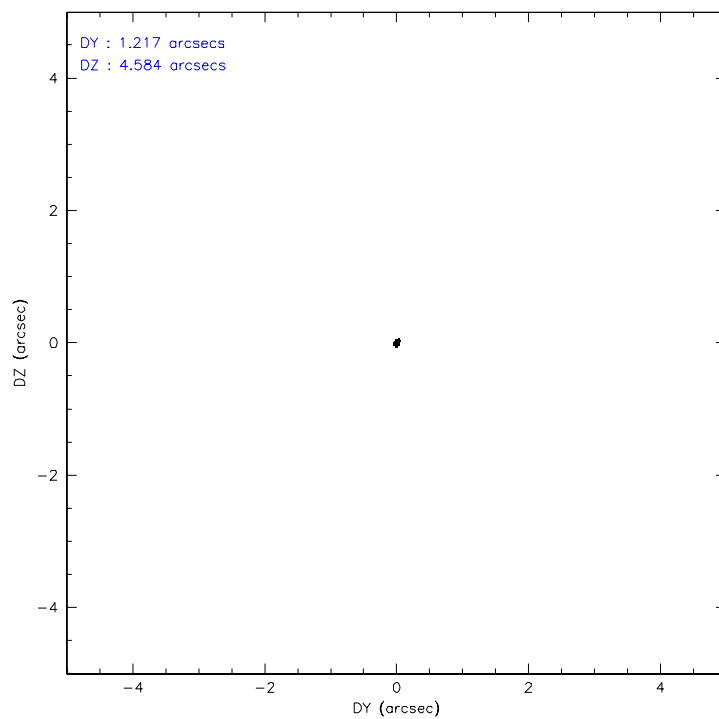
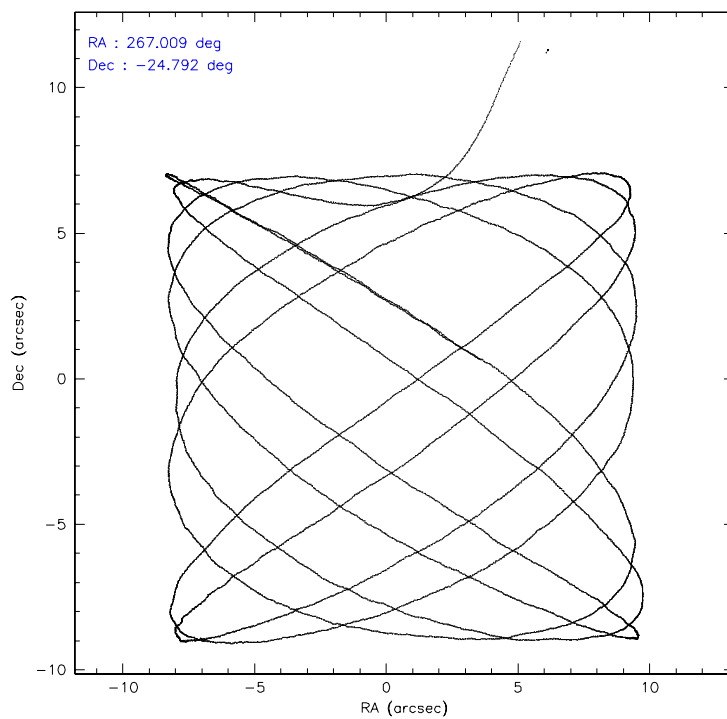
	ccd 3
level 1 events	57408
rejected events	14867
rejected %	25%

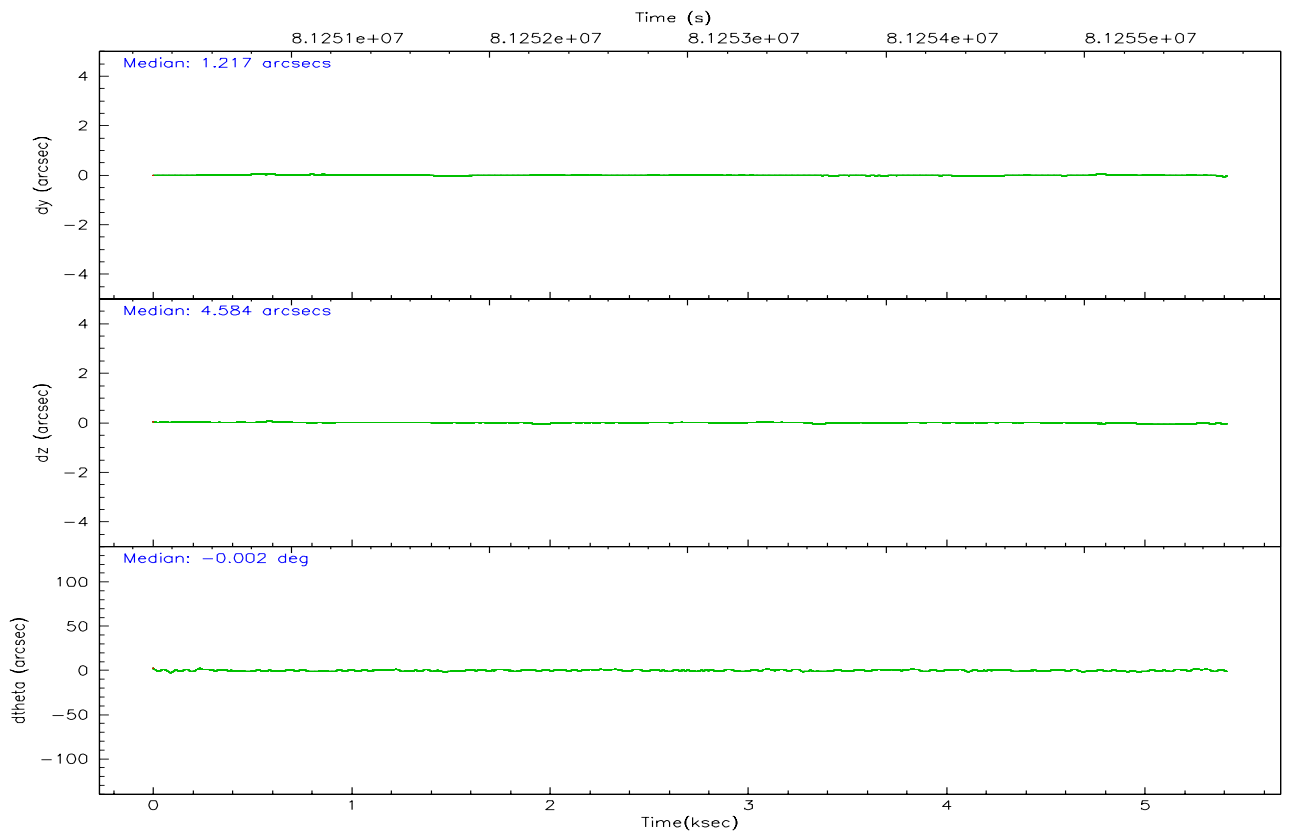
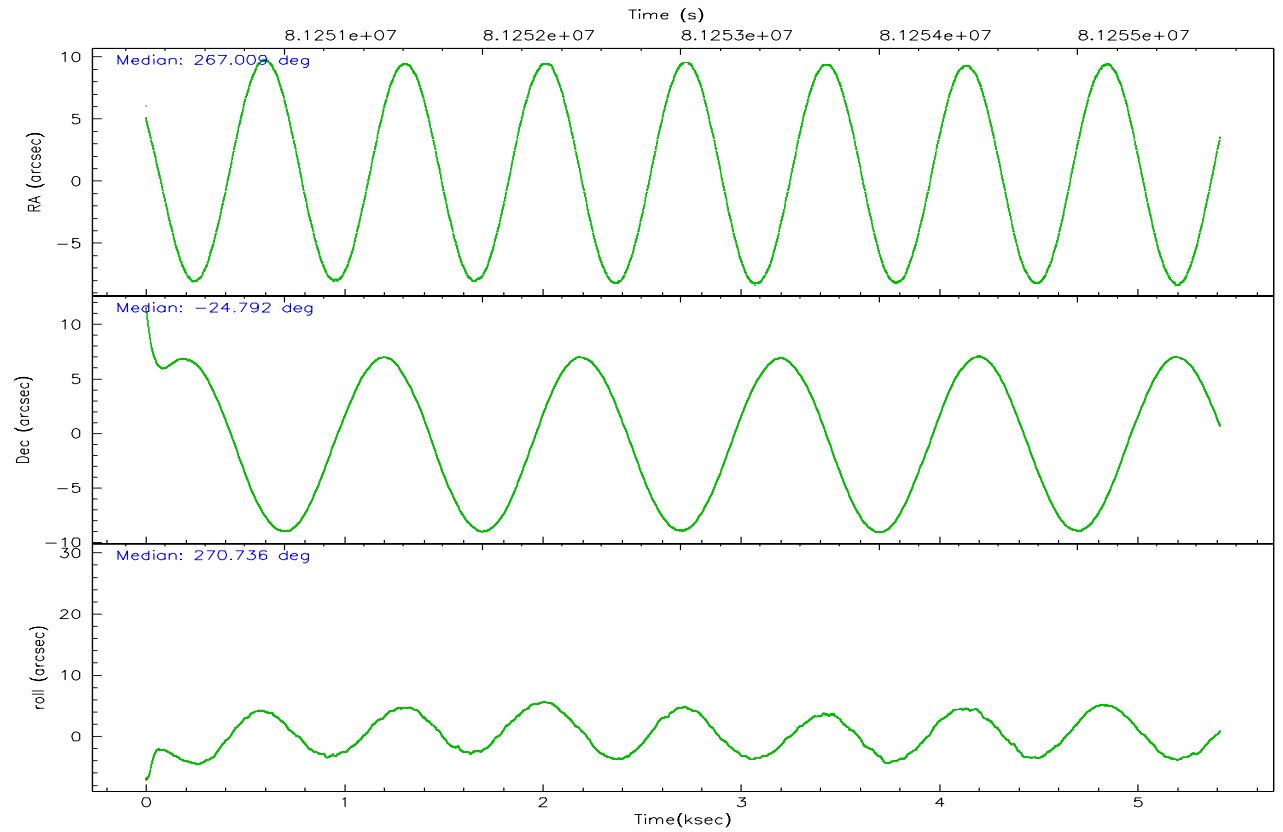
	ccd 3
grade 0 events	28002
	48%
grade 1 events	1063
	1%
grade 2 events	6398
	11%
grade 3 events	2185
	3%
grade 4 events	2318
	4%
grade 5 events	1593
	2%
grade 6 events	4361
	7%
grade 7 events	11488
	20%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-3	ACIS-3	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	266.993872	267.0092030831099	Subarray requested	CUSTOM	1/8
Pointing Dec	-24.768363	-24.79196784650284	Subarray start row	840	840
Pointing Roll	270.528434	270.7435333297859	Subarray row count	128	128
SIM focus pos (mm)	-0.782348	-0.7809083437167272	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001439871863259334	Primary exposure time	0.500000	0.5
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	81250717.184000	81249648.95551801			
Observation start date	2000-07-29T09:37:33	2000-07-29T09:20:48			
Observation end time	81255717.184000	81256262.25576399			
Observation end date	2000-07-29T11:00:53	2000-07-29T11:11:02			
Read mode	TIMED	TIMED			

2.3 Aspect



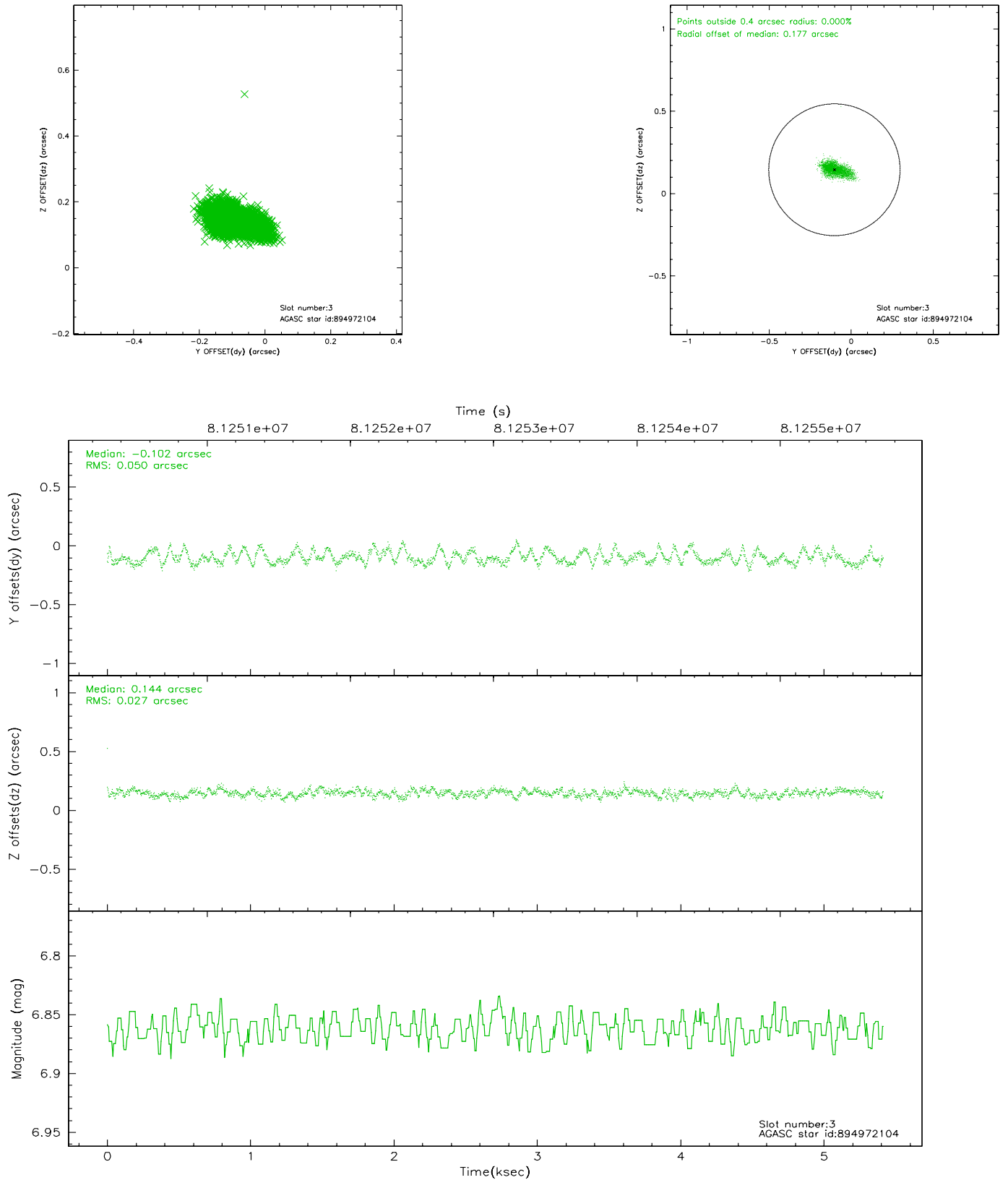


Slot Statistics

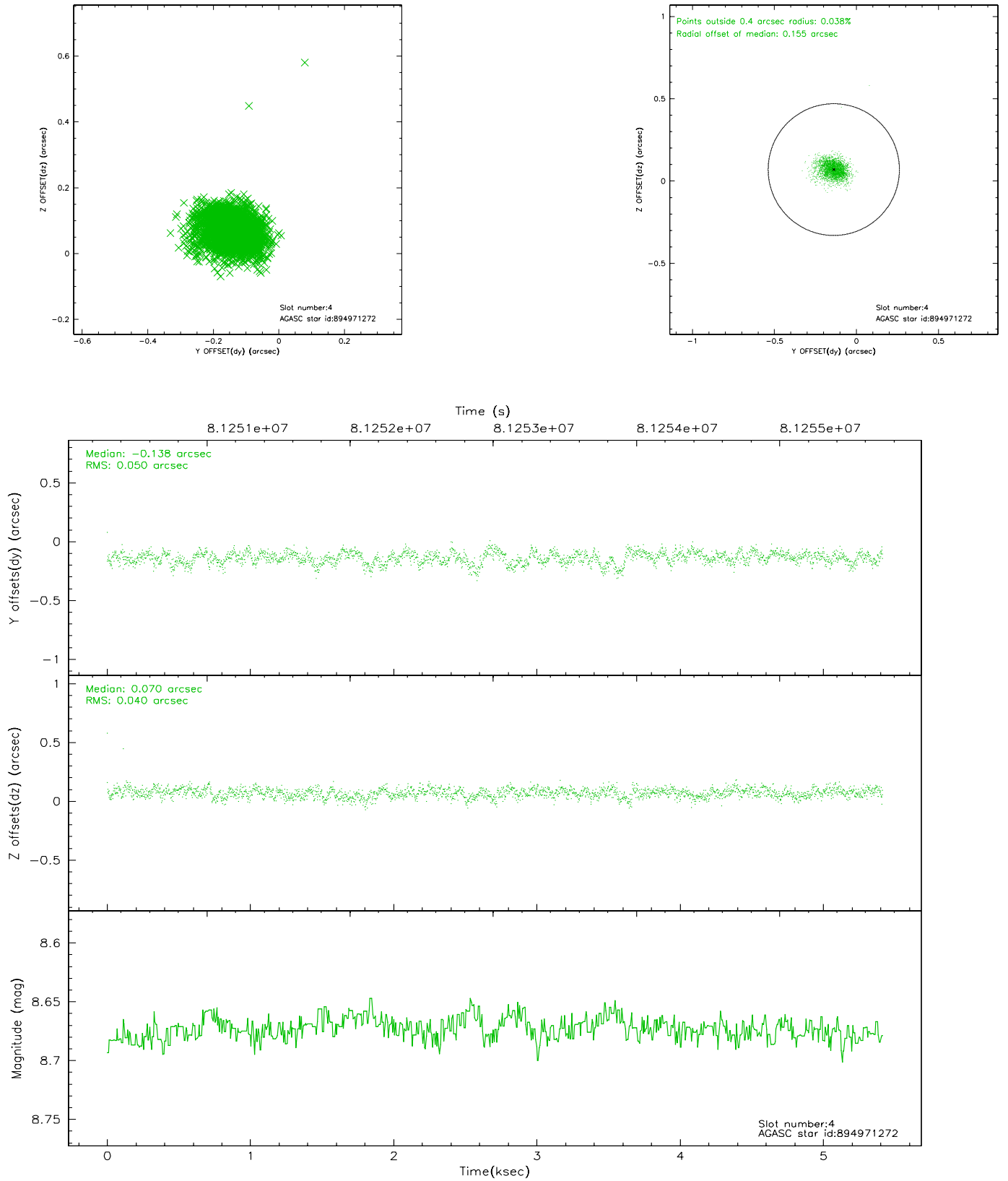
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.14	1321	-0.017	-0.008	0.009	0.014	0.000000	0.000000	-755.56	-834.29
1	FID	ACIS-I-4	7.19	1321	-0.078	0.022	0.005	0.010	0.000000	0.000000	2157.93	1071.37
2	FID	ACIS-I-5	7.23	1321	-0.006	0.055	0.009	0.013	0.000000	0.000000	-1807.95	1070.51
3	GUIDE	894972104	6.86	2642	-0.102	0.144	0.059	0.104	267.489380	-24.207054	-2001.95	1646.26
4	GUIDE	894971272	8.67	2642	-0.138	0.070	0.065	0.114	267.055800	-24.327060	-1586.54	219.10
5	GUIDE	895489248	8.83	2640	0.015	-0.067	0.069	0.109	266.526793	-24.872603	364.52	-1528.03
6	GUIDE	895484264	8.27	2642	-0.008	-0.016	0.061	0.097	267.582371	-25.263146	1803.98	1899.97
7	GUIDE	895489704	8.80	2640	0.230	-0.128	0.093	0.149	266.328076	-25.361339	2122.39	-2183.89

2.4 Star Slots

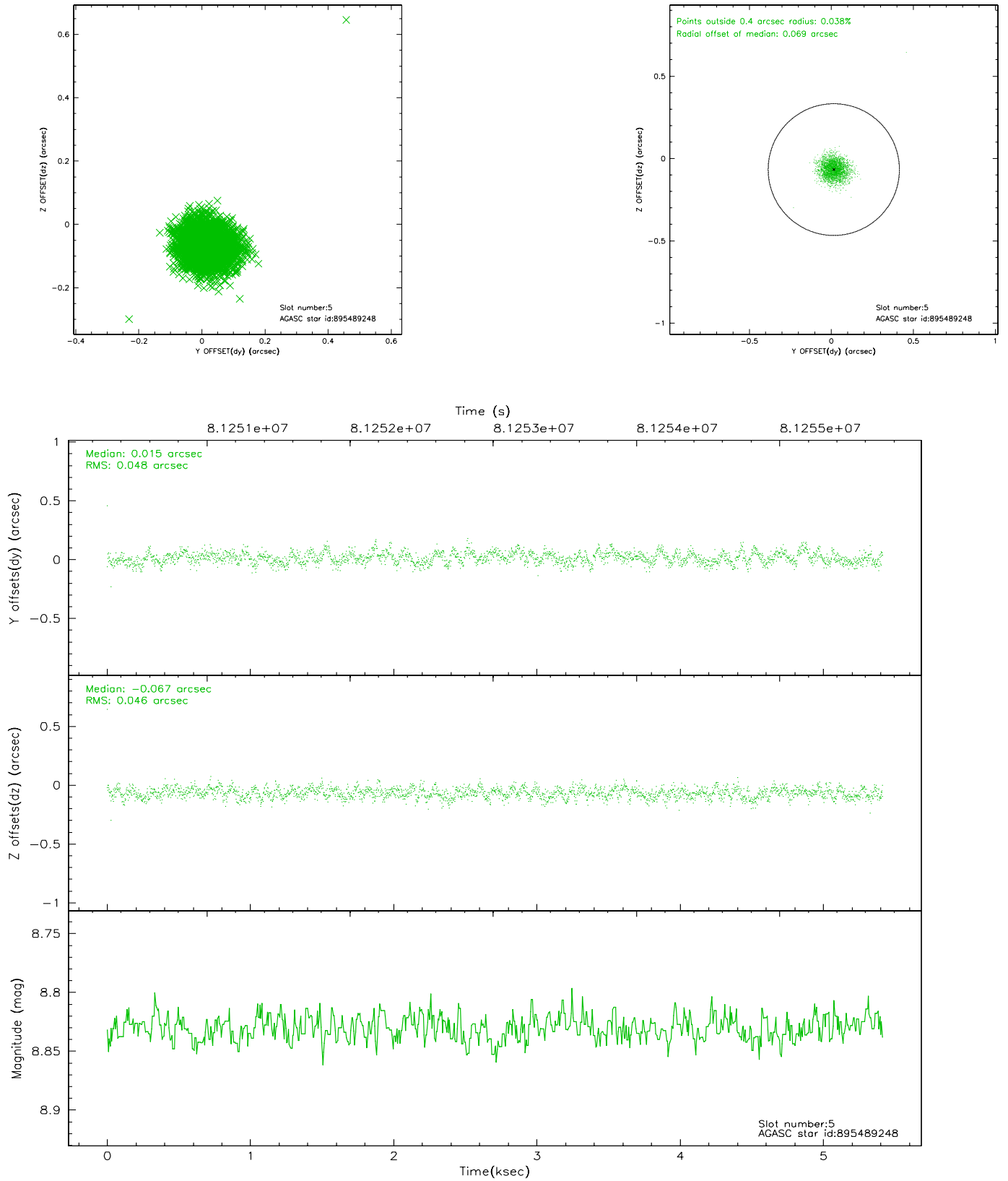
2.4.1 Slot 3



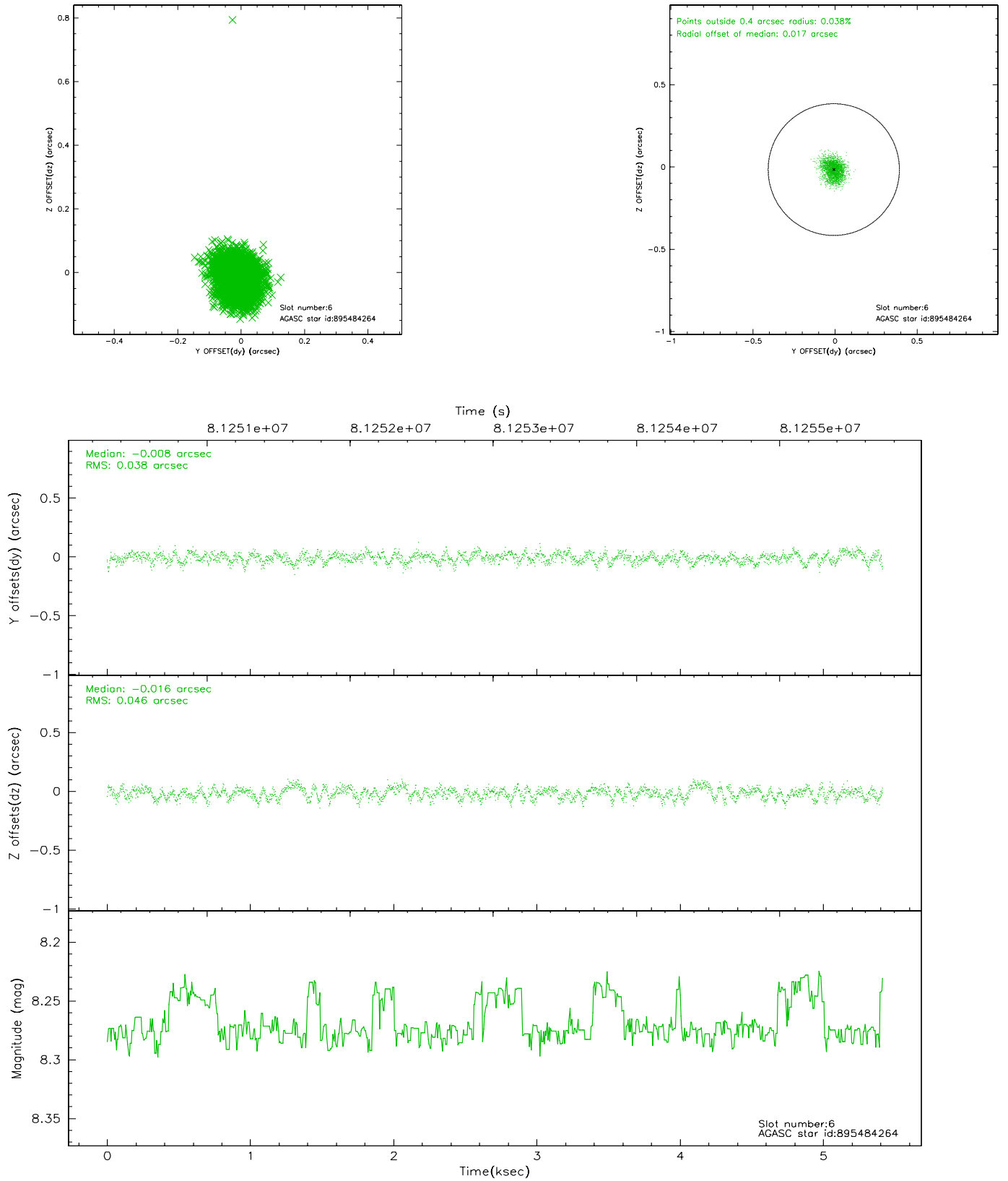
2.4.2 Slot 4



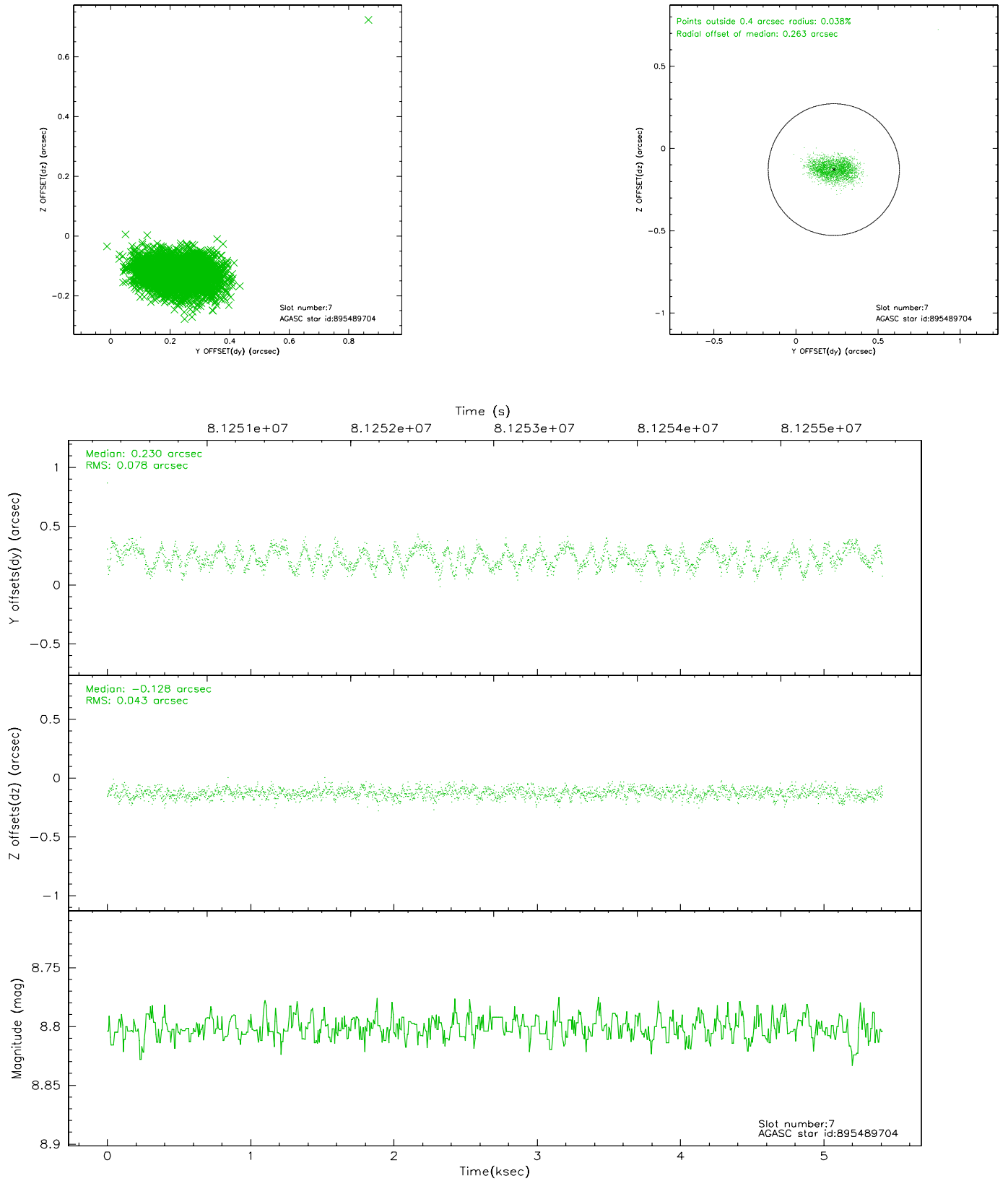
2.4.3 Slot 5



2.4.4 Slot 6

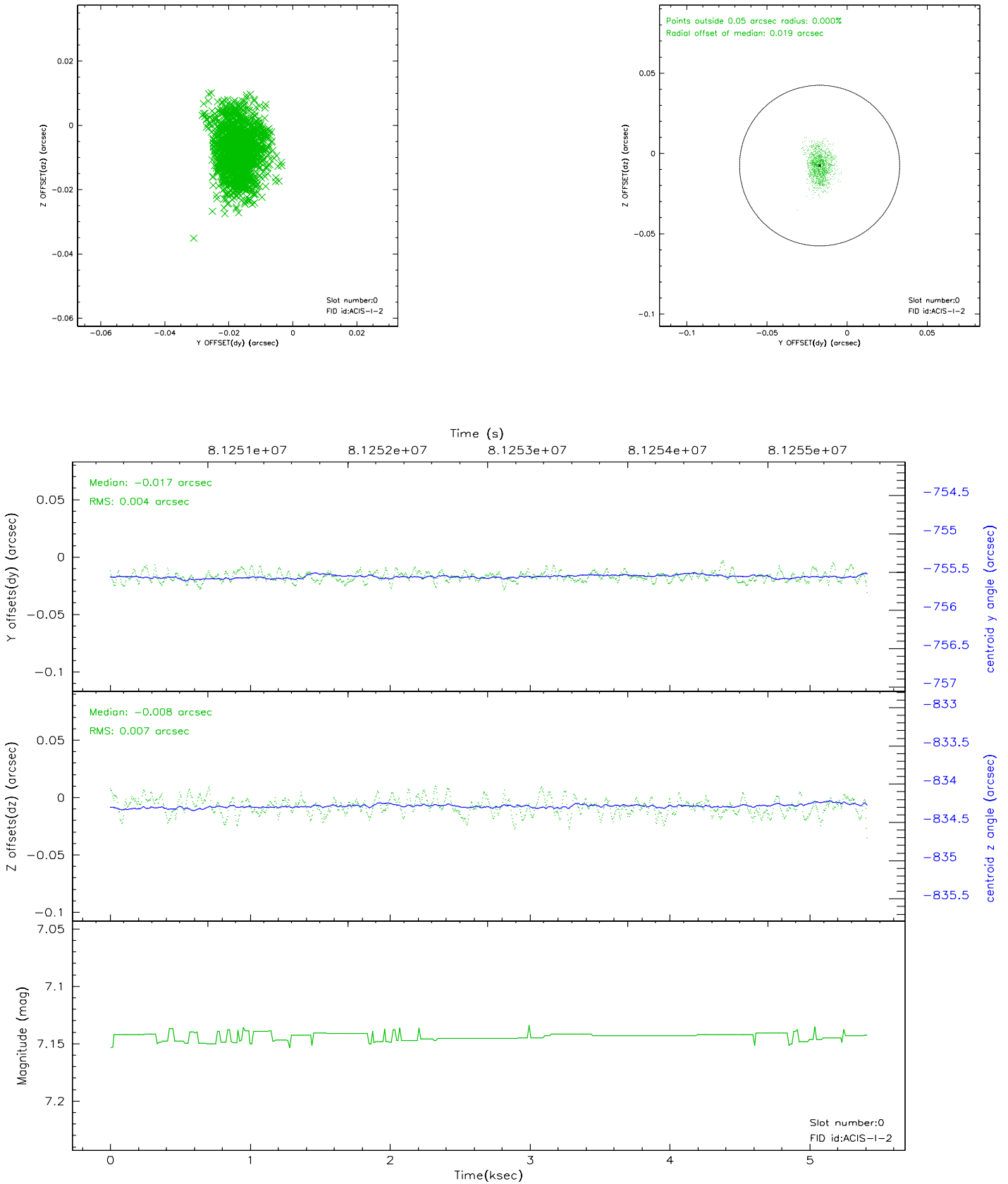


2.4.5 Slot 7

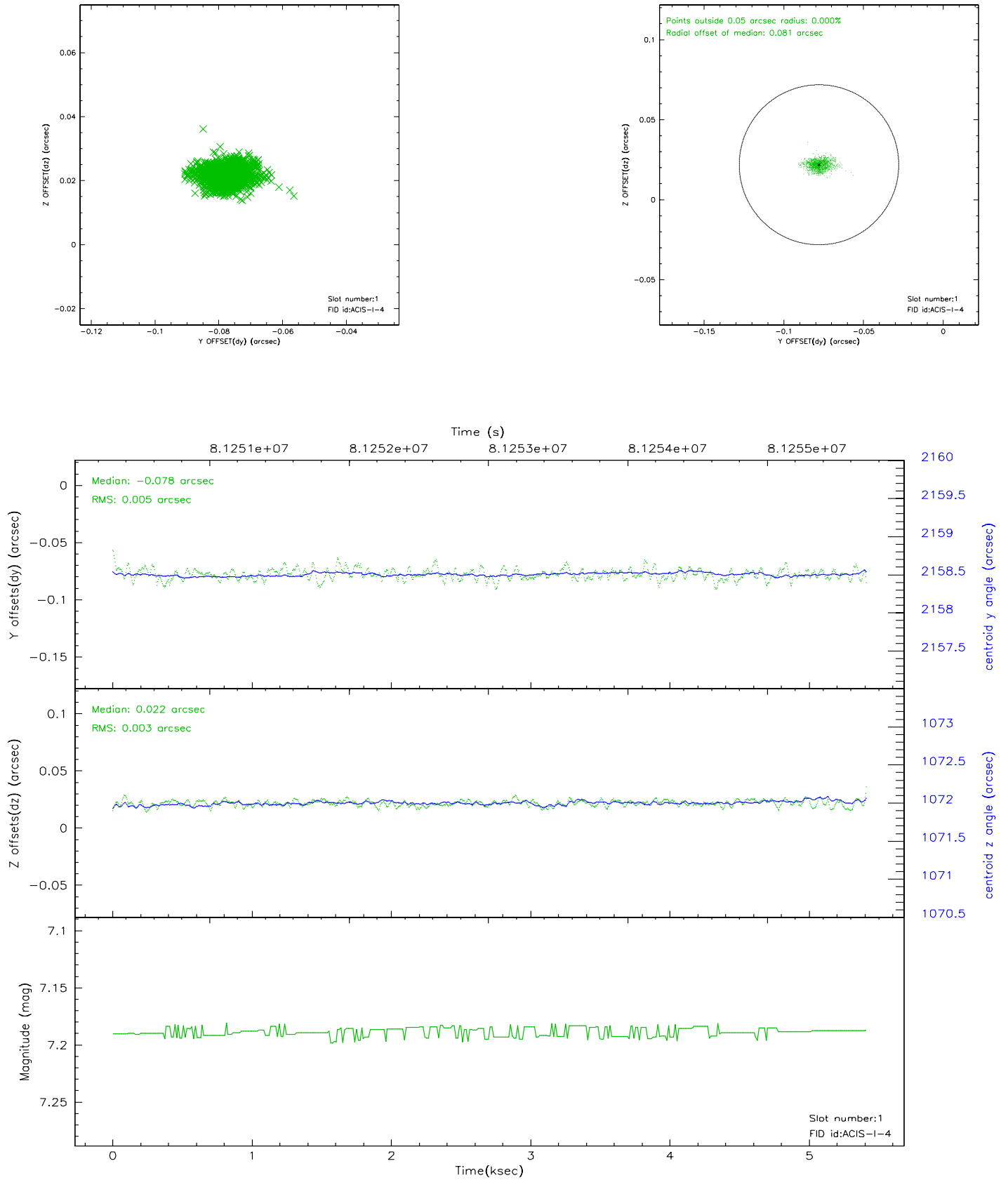


2.5 FID Slots

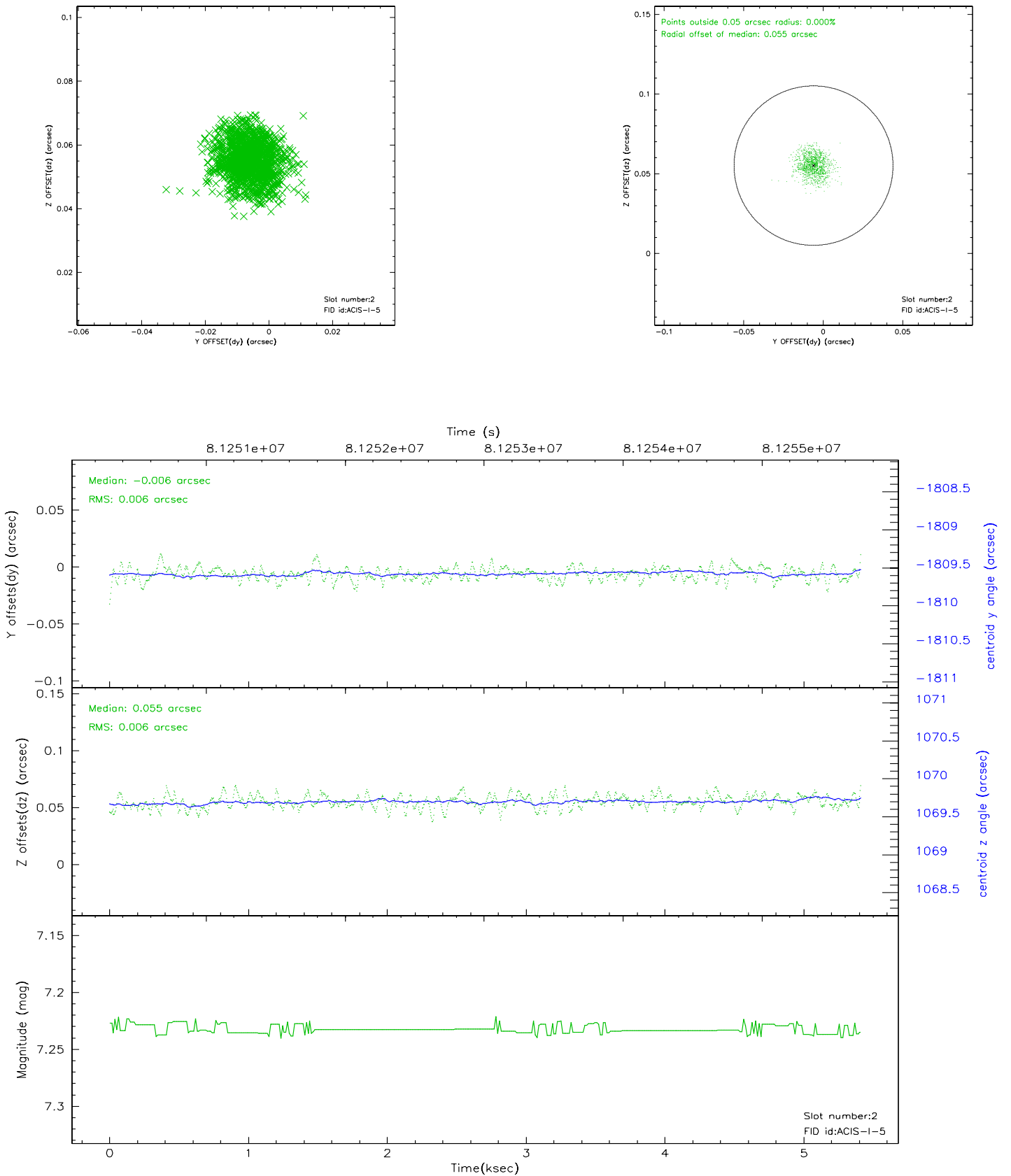
2.5.1 Slot 0



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)	2007.06.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.413

A.2 Comments