

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1984 - L2 Version 001
Chandra X-Ray Center

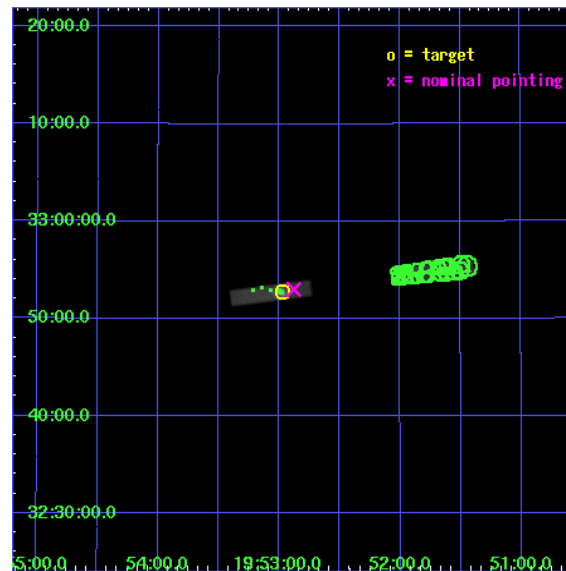
L2 Processing Date : Dec 14 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

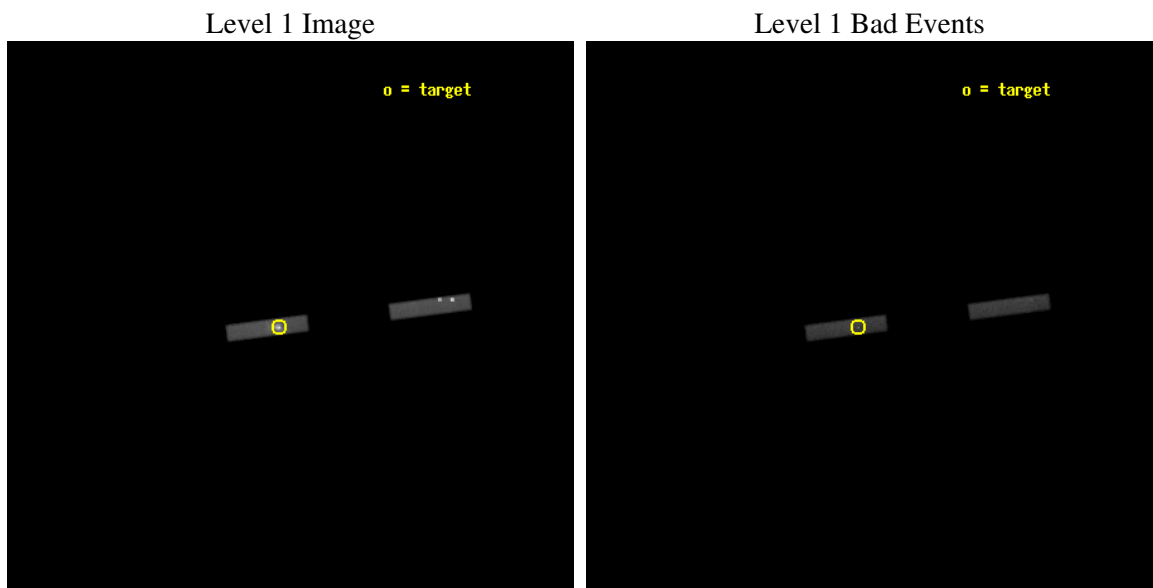
seq_num	500161
obs_id	1984
title	HIGH-RESOLUTION SPECTRAL IMAGING OF THE PLERIONIC CORE OF CTB 80
observer	DR. YVES GALLANT
object	CTB 80 CORE
dtcycle	0
cycle	P
ra_targ	298.24375
dec_targ	32.879167
ra_nom	298.21948718649
dec_nom	32.8835909434
roll_nom	172.62421763935
revision	2
ontime	78163.318252772
livetime	73834.5066082
ontime5	78163.318252772
ontime7	78163.318252772
l2events	193543



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 5

Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2006-12-14T09:51:15
revision	2

sched_exp_time	78000.000000
ontime	78886.431136161
ontime5	78886.431136161
ontime7	78886.431136161
l1events	403890

2.1.4 Events

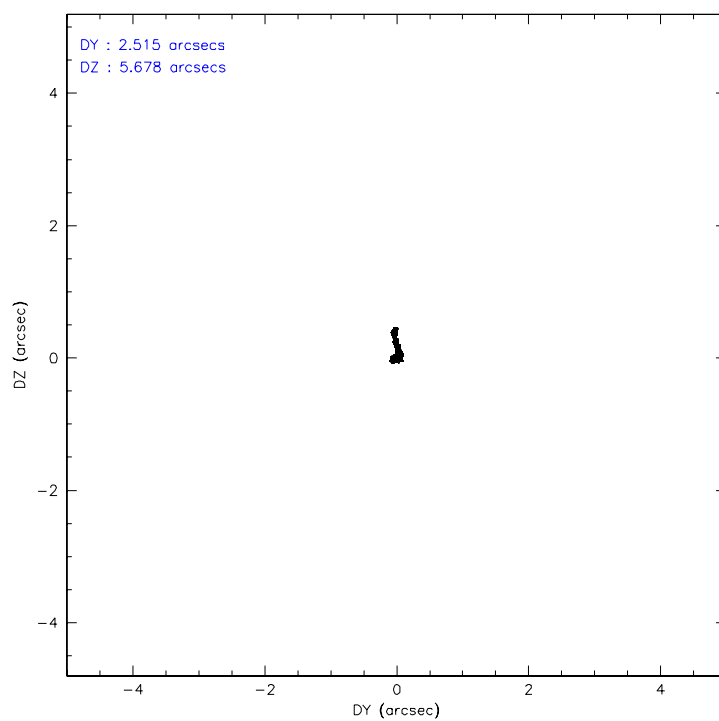
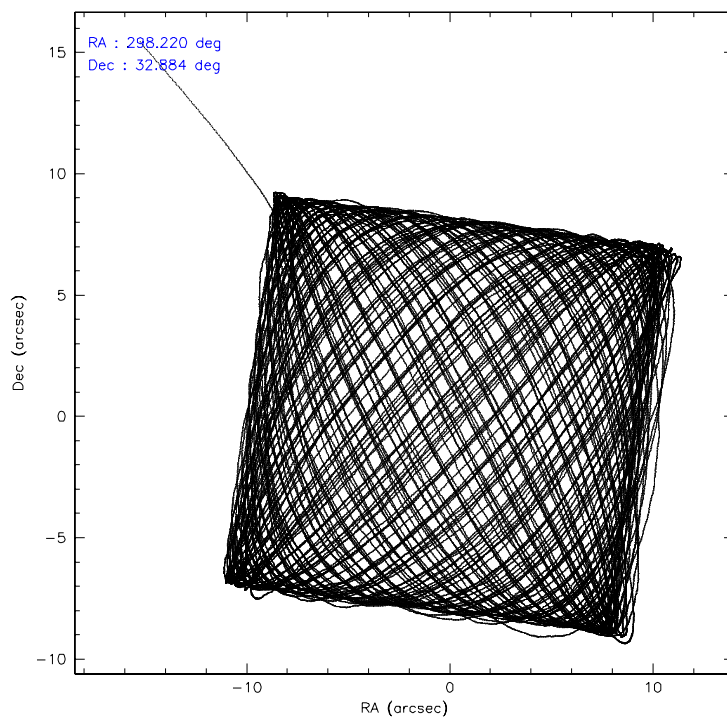
	ccd 5	ccd 7
level 1 events	192648	211242
rejected events	77259	76777
rejected %	40%	36%

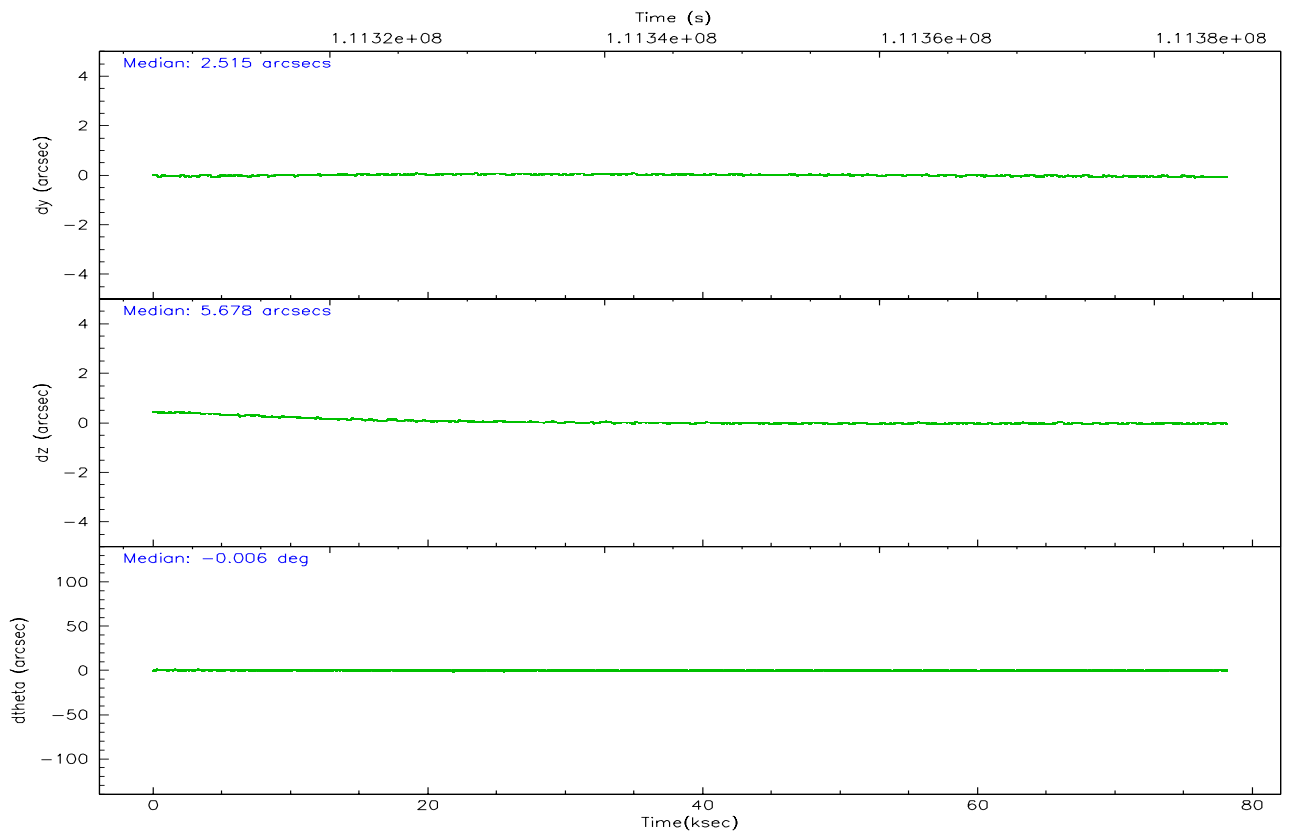
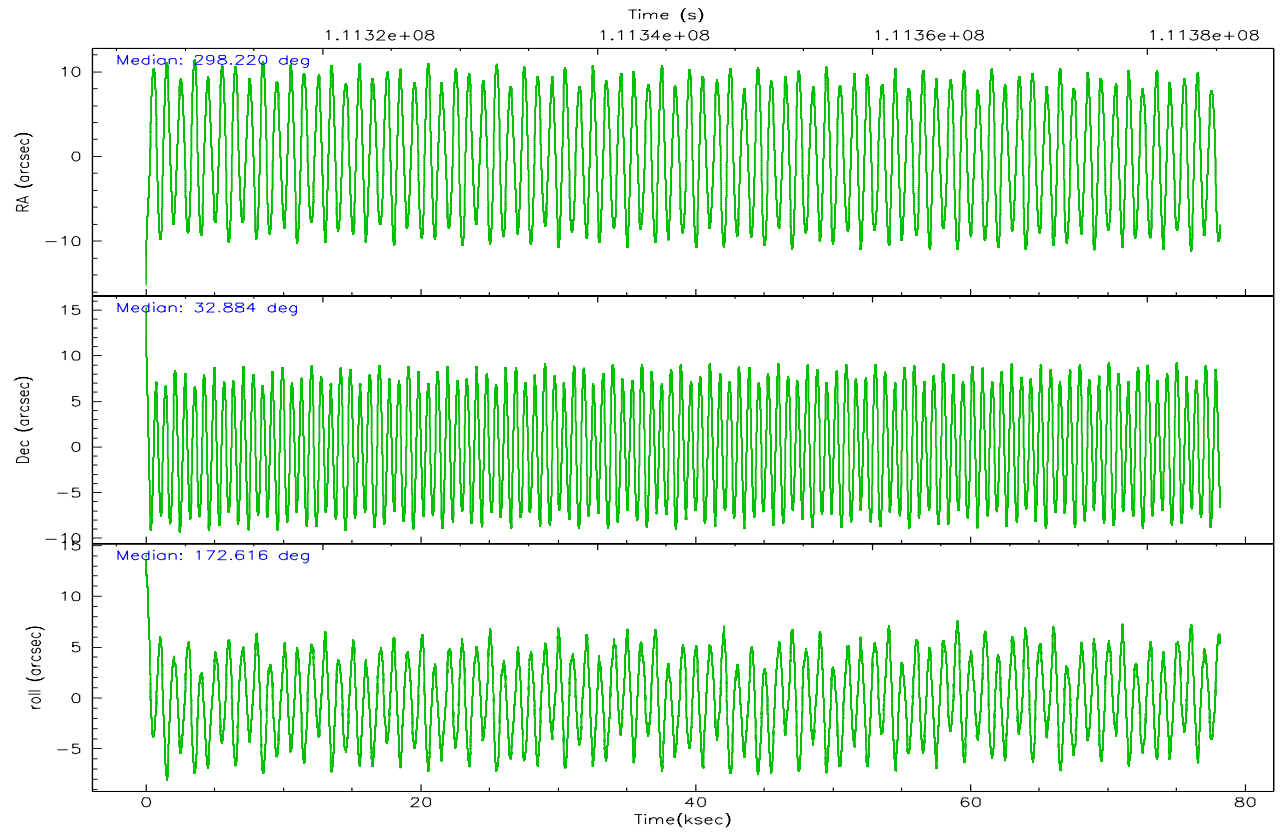
	ccd 5	ccd 7
grade 0 events	45352	25279
	23%	11%
grade 1 events	474	200
	0%	0%
grade 2 events	27998	34962
	14%	16%
grade 3 events	3038	13688
	1%	6%
grade 4 events	5832	13512
	3%	6%
grade 5 events	7284	10098
	3%	4%
grade 6 events	35364	47754
	18%	22%
grade 7 events	67306	65749
	34%	31%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-57	ACIS-57	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	298.249347	298.2194871864913	Subarray requested	CUSTOM	CUSTOM
Pointing Dec	32.894351	32.88359094339961	Subarray start row	416	416
Pointing Roll	172.451370	172.6242176393492	Subarray row count	192	192
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	0.7
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	111307303.184000	111306290.39473			
Observation start date	2001-07-12T06:40:39	2001-07-12T06:24:50			
Observation end time	111385303.184000	111385938.02285			
Observation end date	2001-07-13T04:20:39	2001-07-13T04:32:18			
Read mode	TIMED	TIMED			

2.3 Aspect



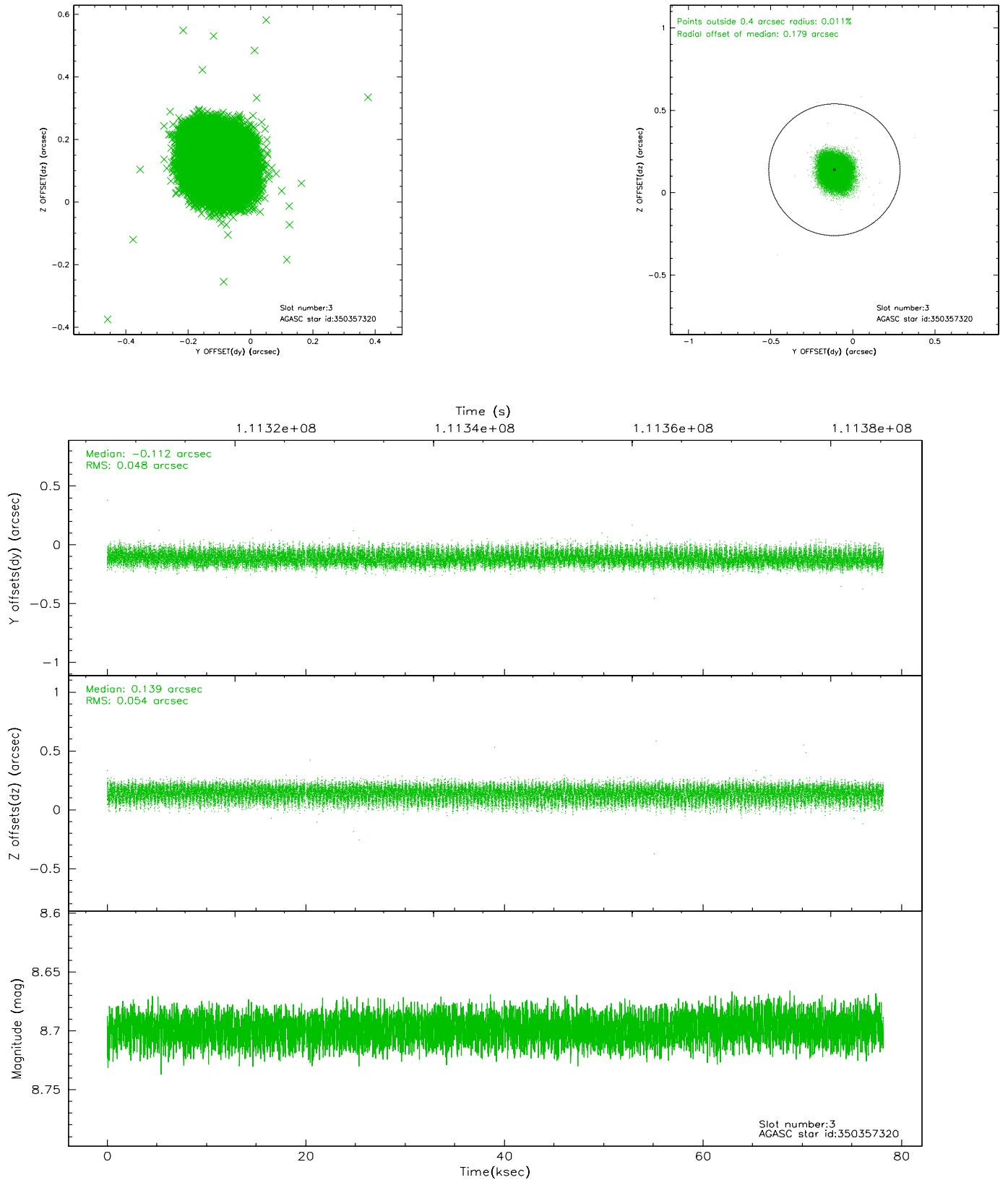


Slot Statistics

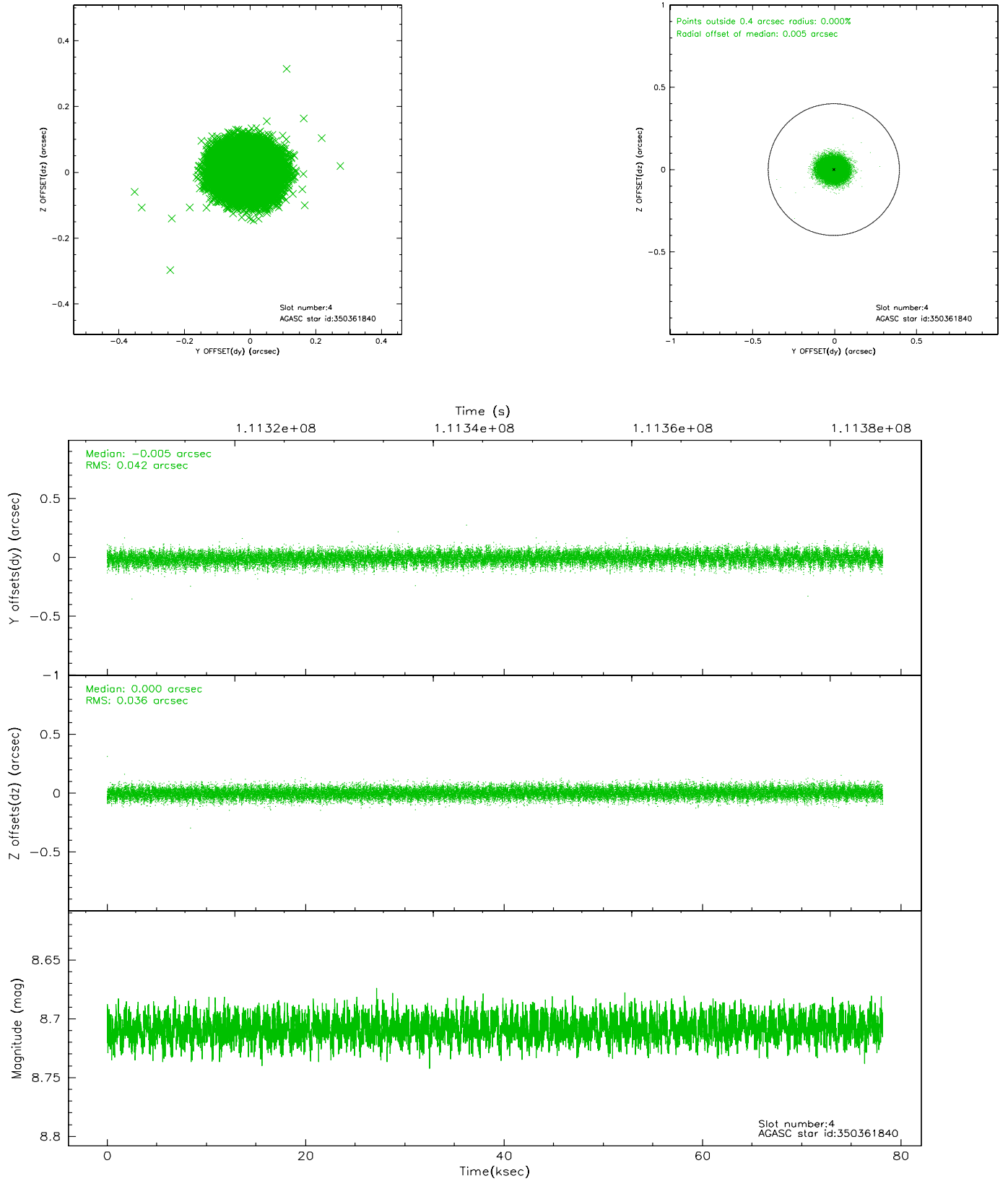
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	19062	-0.030	0.019	0.007	0.012	0.000000	0.000000	-755.12	-1726.87
1	FID	ACIS-S-4	7.20	19064	-0.062	0.009	0.005	0.010	0.000000	0.000000	2158.10	181.76
2	FID	ACIS-S-5	7.24	19062	0.061	-0.020	0.007	0.011	0.000000	0.000000	-1808.01	175.21
3	GUIDE	350357320	8.70	38048	-0.112	0.139	0.078	0.123	298.323948	33.544676	85.99	-2349.79
4	GUIDE	350361840	8.71	38114	-0.005	0.000	0.059	0.095	297.414684	32.440494	2300.48	1943.72
5	GUIDE	350389440	8.86	38112	-0.069	-0.045	0.075	0.122	297.712709	32.540704	1447.71	1472.67
6	GUIDE	350356088	8.99	38116	0.059	0.070	0.090	0.148	298.520940	33.455317	-542.80	-2109.71
7	GUIDE	350364192	9.08	38103	0.129	-0.168	0.088	0.140	298.887660	32.256736	-2227.38	2014.42

2.4 Star Slots

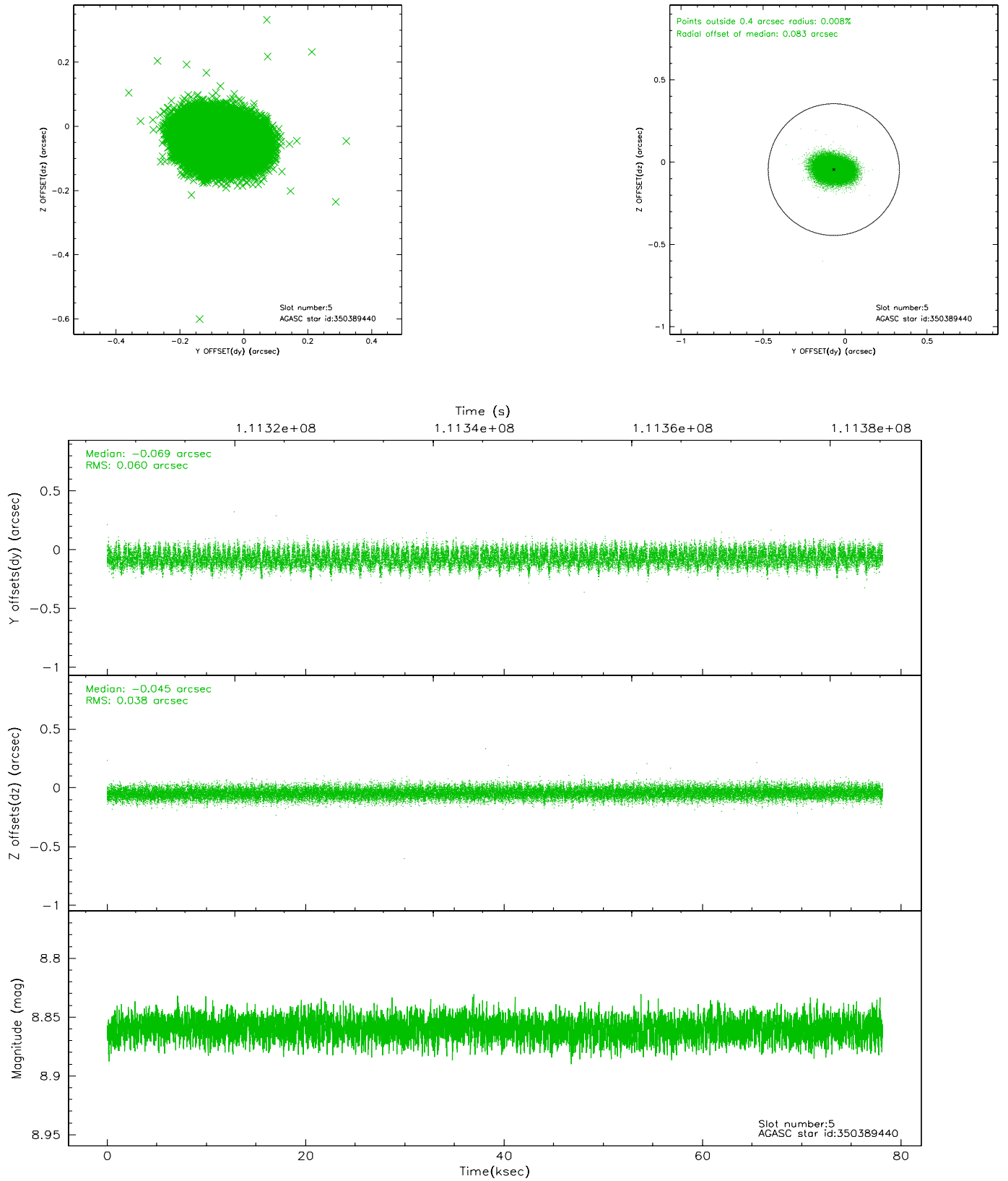
2.4.1 Slot 3



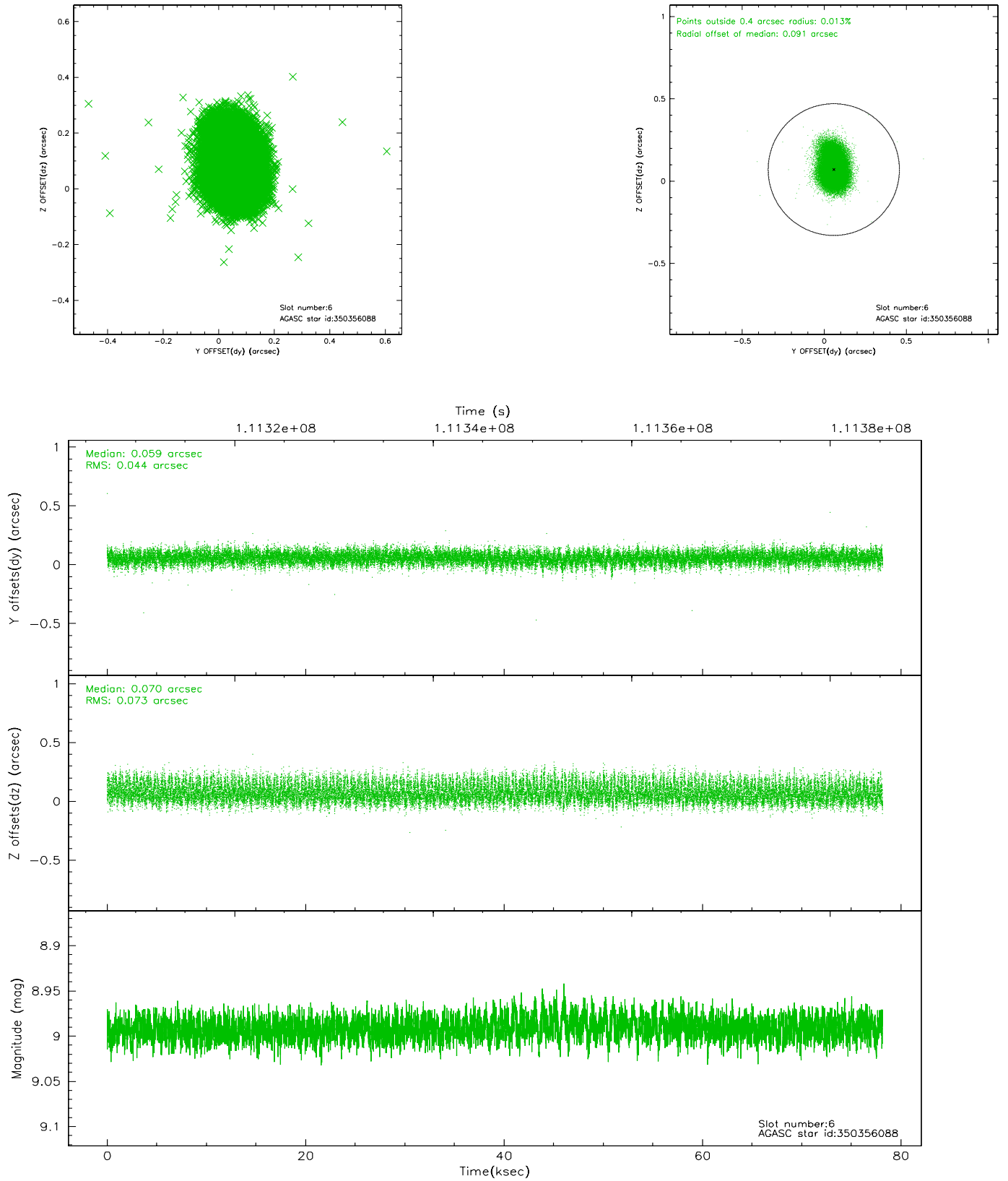
2.4.2 Slot 4



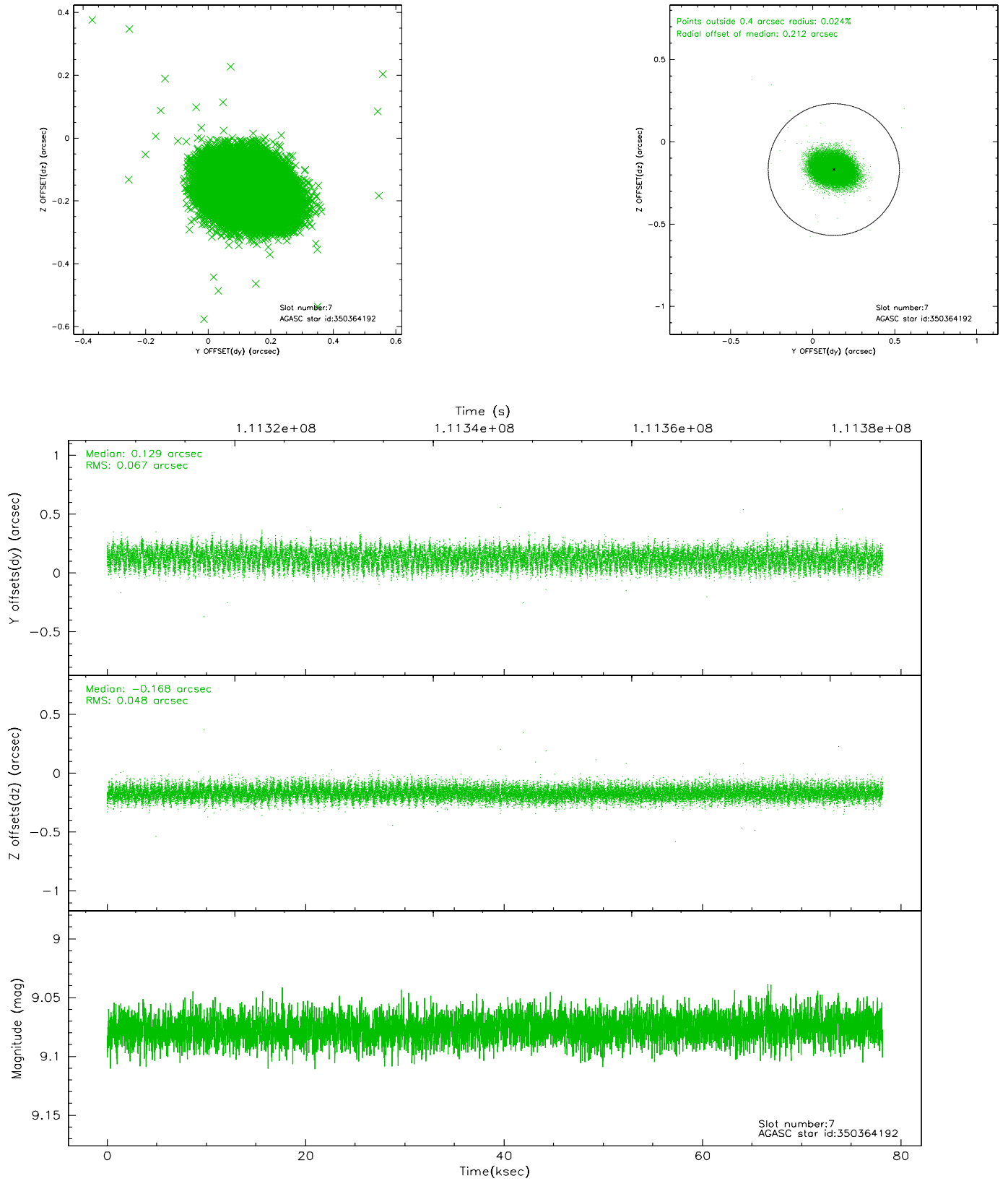
2.4.3 Slot 5



2.4.4 Slot 6

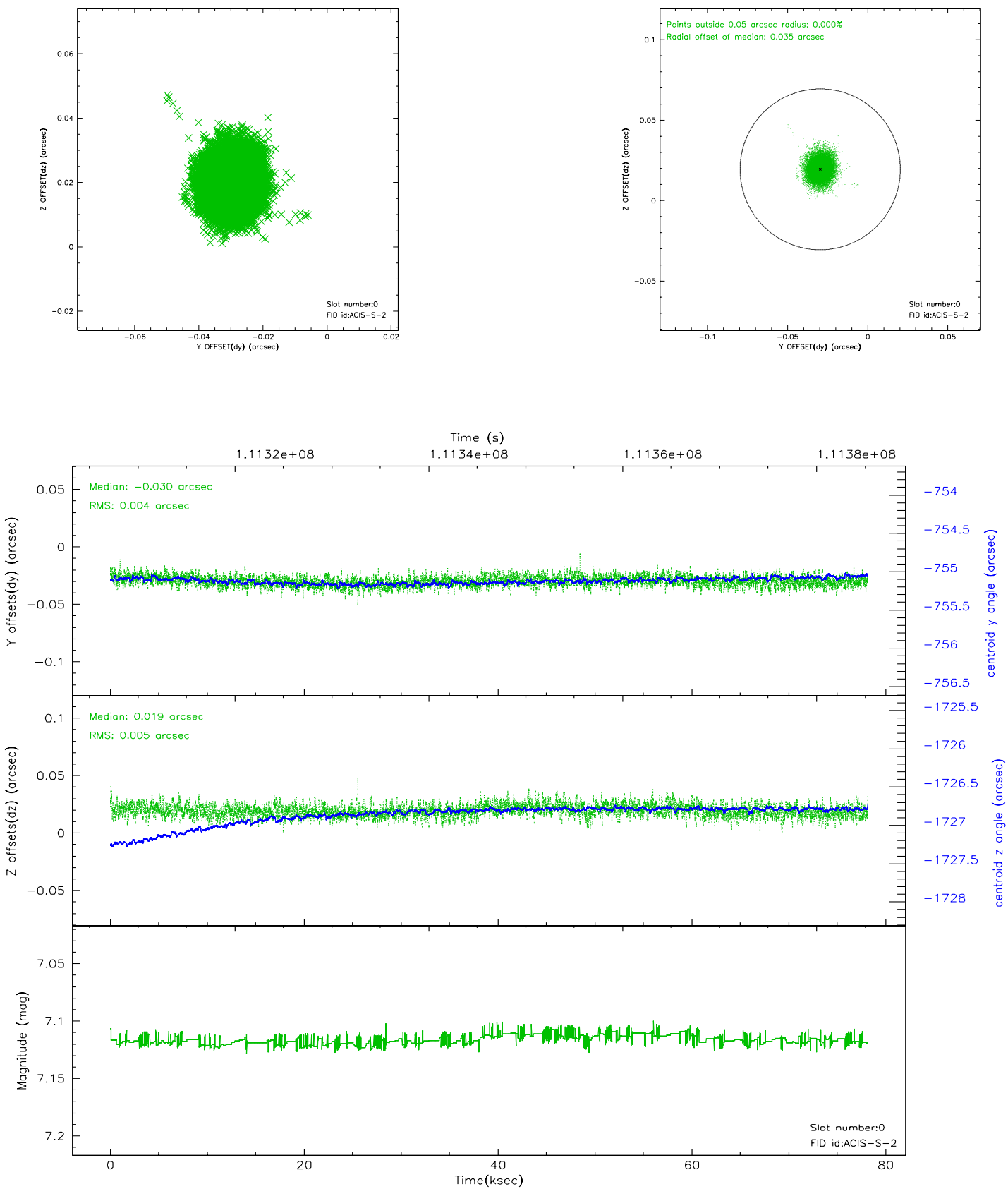


2.4.5 Slot 7

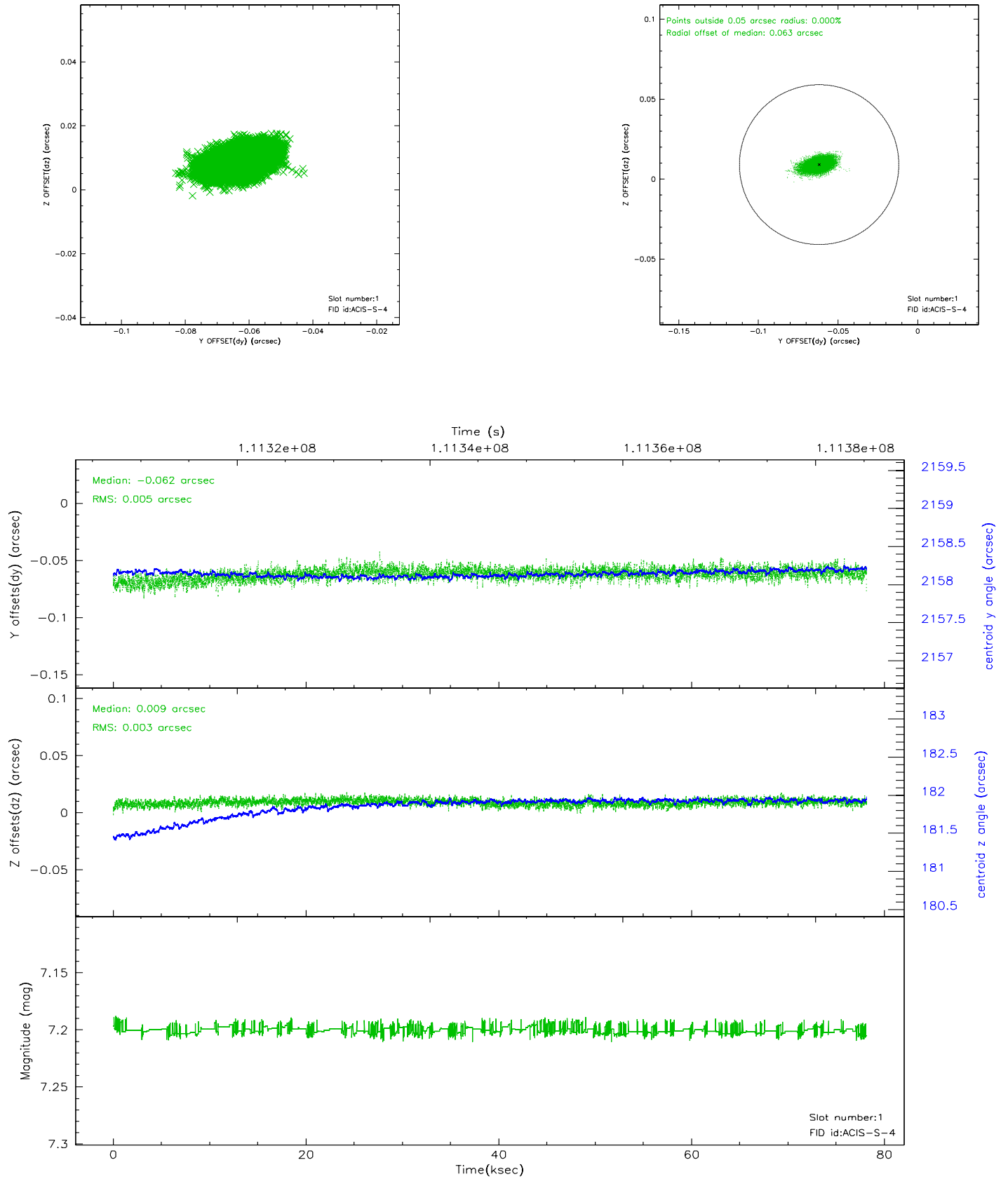


2.5 FID Slots

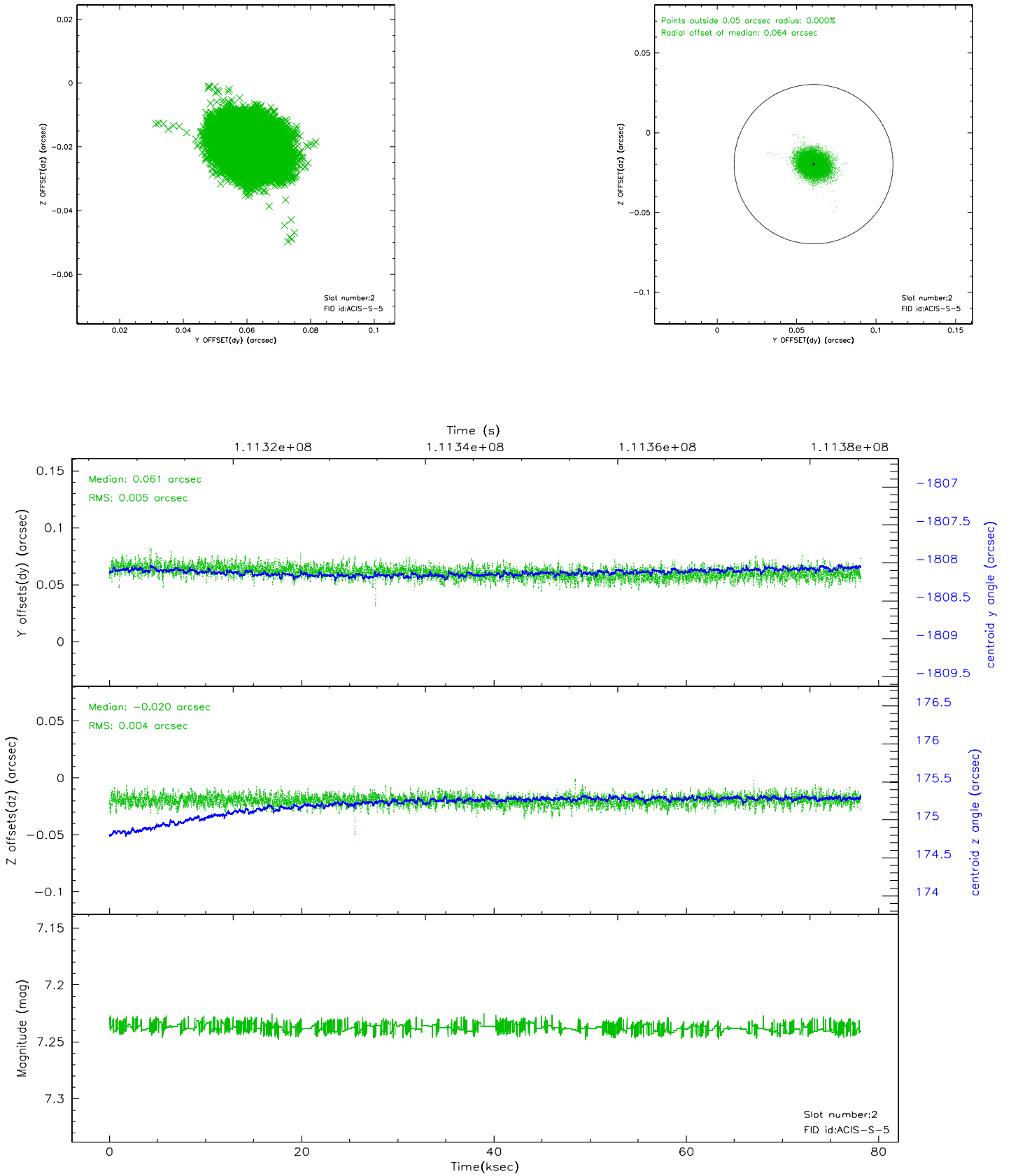
2.5.1 Slot 0



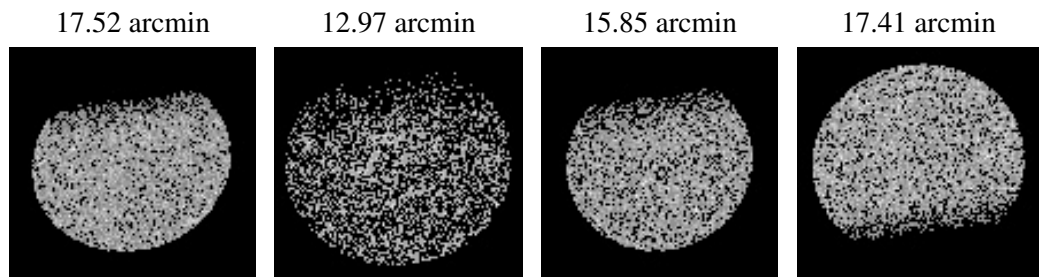
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.12.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	78.163

A.2 Comments