

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 1754 - L2 Version 001
Chandra X-Ray Center

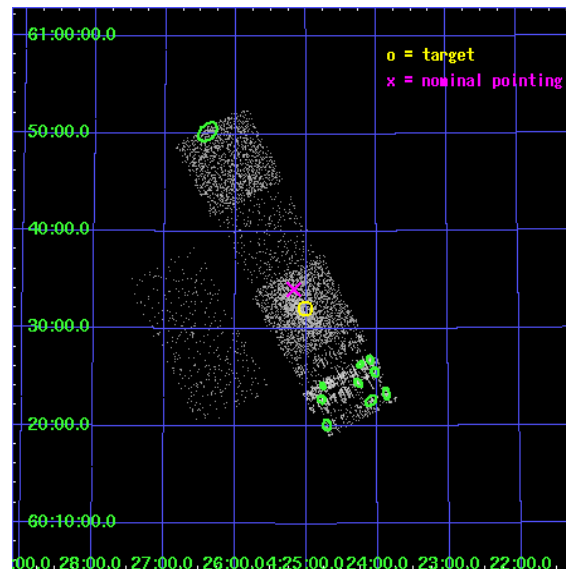
L2 Processing Date : May 30 2007

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1 Front

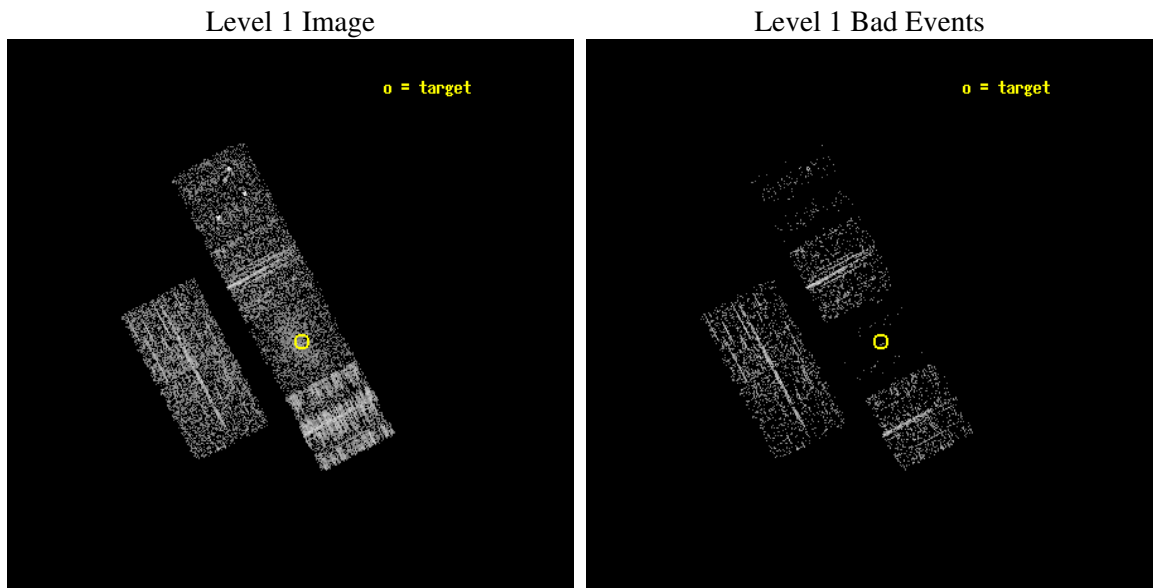
seq_num	100002
obs_id	1754
title	AXAF LOW ENERGY SPECTROSCOPY AND PHOTOMETRIC IMAGING OF COMETARY X-RAY EMISSION FROM COMET P/TEMPEL 2
observer	Dr. Carey Lisse
object	LINEAR 1999 S4
dtcycle	0
cycle	P
ra_targ	66.25371
dec_targ	60.53506
ra_nom	66.293024105858
dec_nom	60.567885158805
roll_nom	62.238145271291
revision	3
ontime	1376.0000012815
livetime	1358.5762607375
ontime2	1376.0000012815
ontime3	1376.0000012815
ontime5	1376.0000012815
ontime6	1376.0000012815
ontime7	1376.0000012815
ontime8	1376.0000012815
l2events	7537



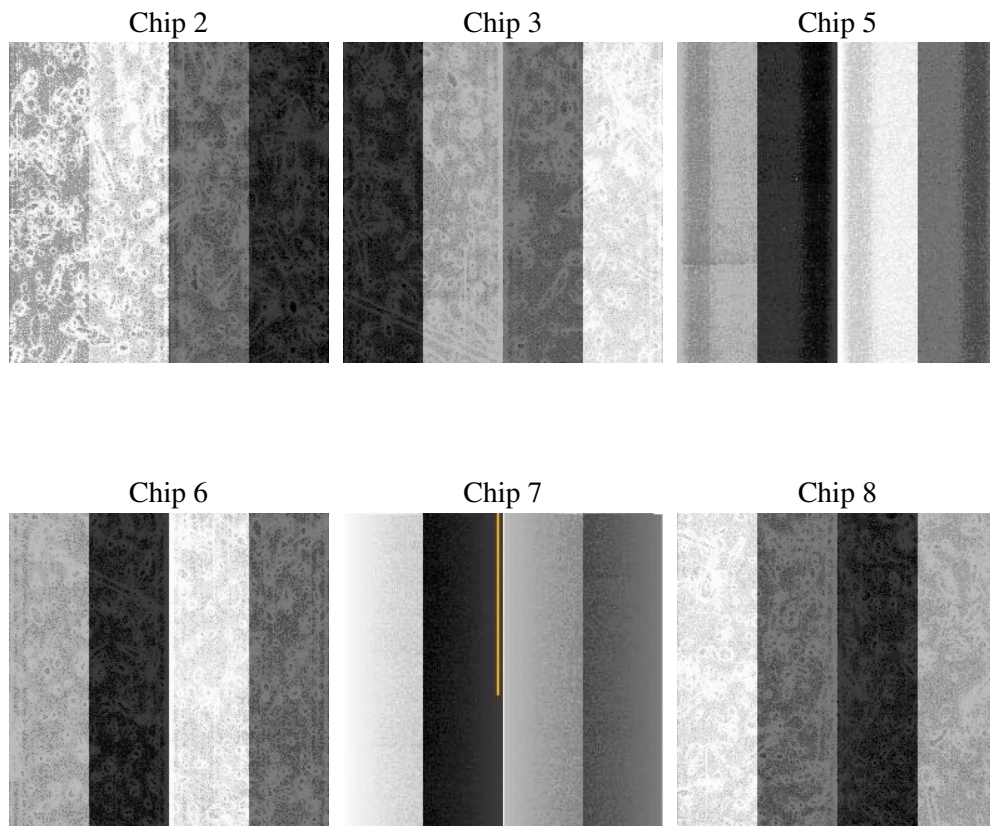
2 OBI

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	2007-05-30T20:08:23
revision	3

sched_exp_time	1180.024000
ontime	1376.0000012815
ontime2	1376.0000012815
ontime3	1376.0000012815
ontime5	1376.0000012815
ontime6	1376.0000012815
ontime7	1376.0000012815
ontime8	1376.0000012815
l1events	37366

2.1.4 Events

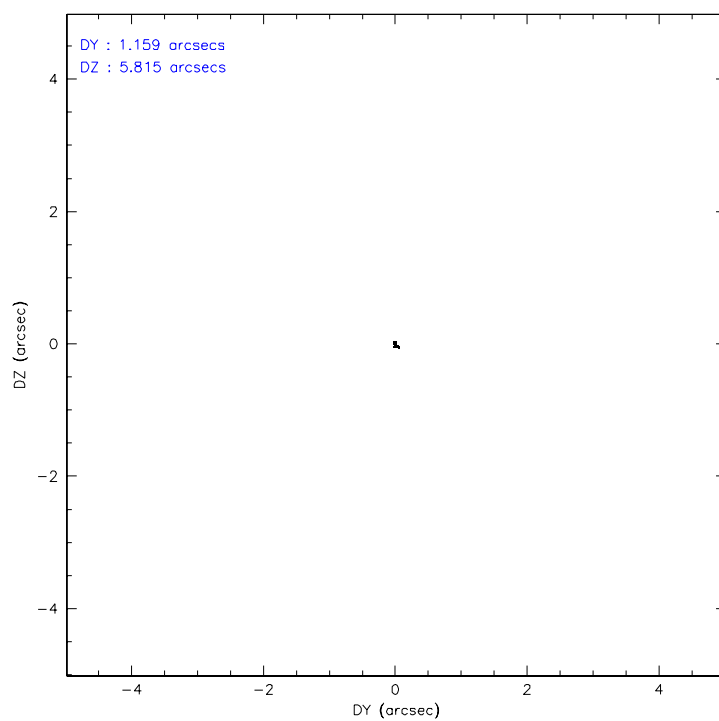
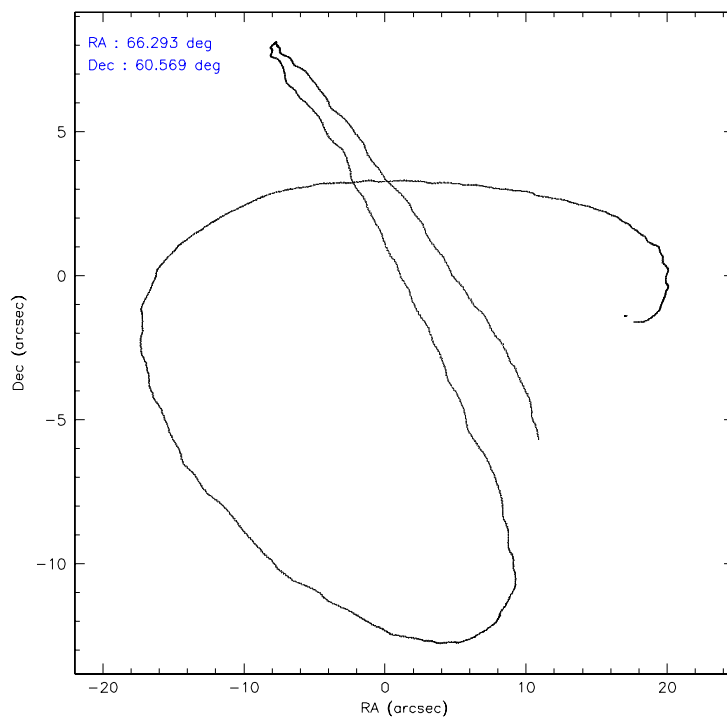
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	6824	5140	3403	5915	3505	12579
rejected events	6346	4855	1102	5440	603	6389
rejected %	92%	94%	32%	91%	17%	50%

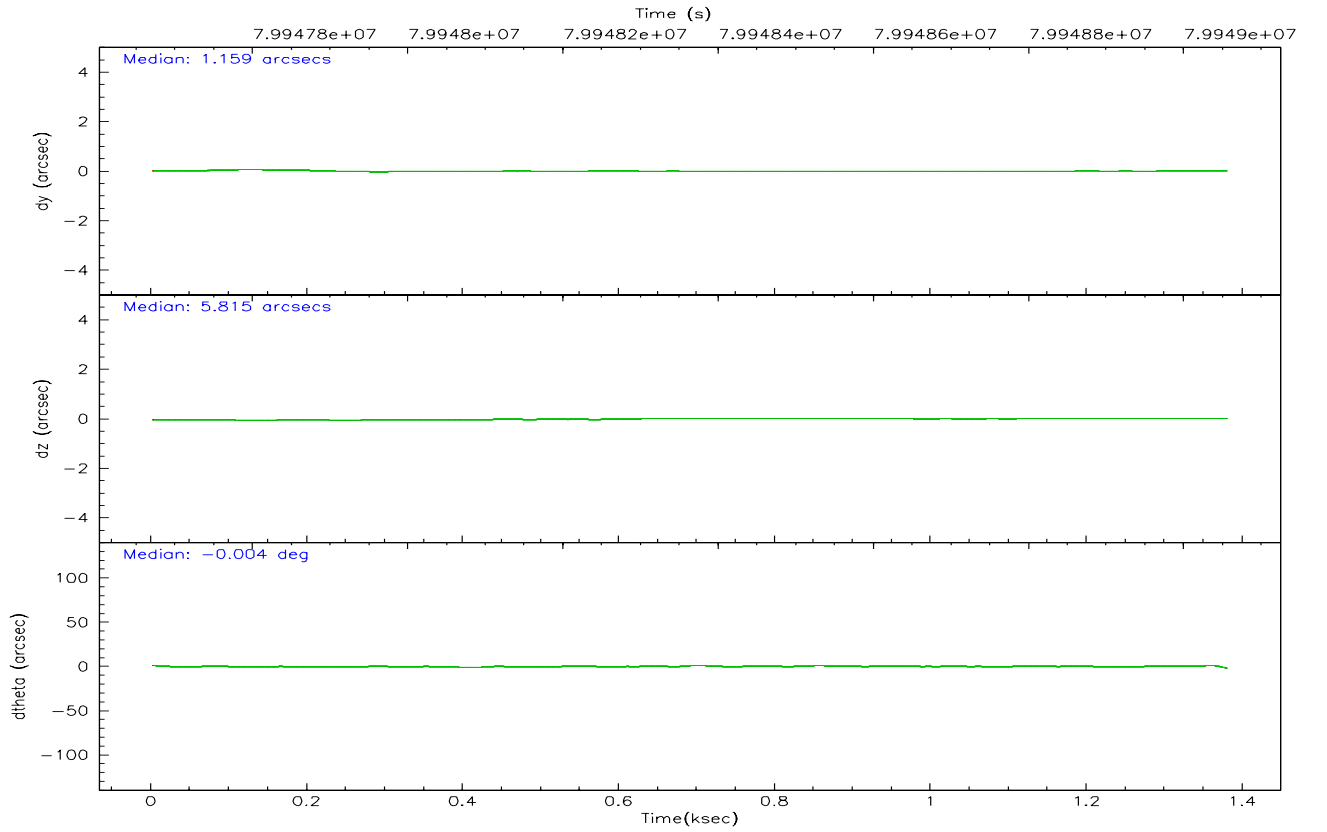
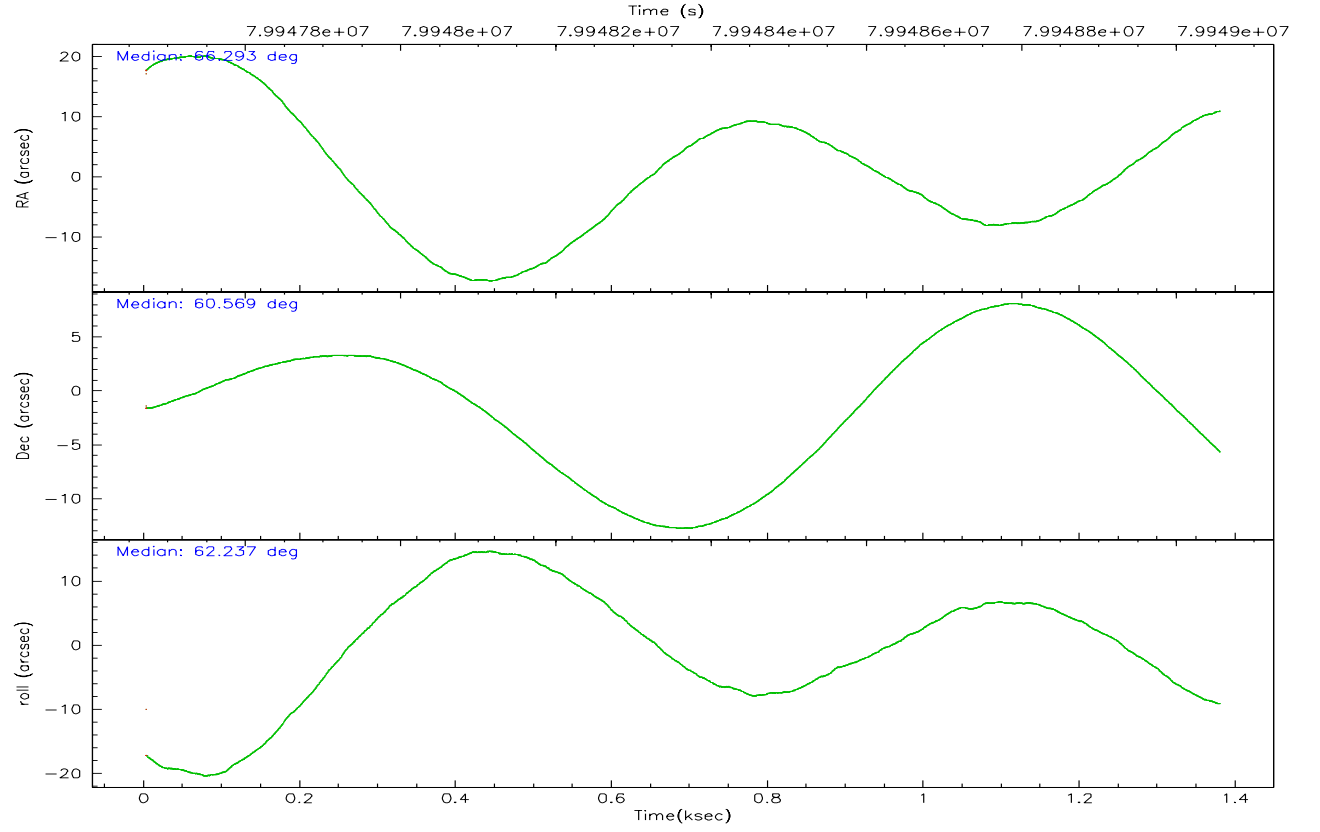
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	311	195	1083	367	1336	2677
	4%	3%	31%	6%	38%	21%
grade 1 events	0	0	8	2	5	15
	0%	0%	0%	0%	0%	0%
grade 2 events	112	30	782	97	826	637
	1%	0%	22%	1%	23%	5%
grade 3 events	34	39	228	32	354	1507
	0%	0%	6%	0%	10%	11%
grade 4 events	62	31	217	34	366	1273
	0%	0%	6%	0%	10%	10%
grade 5 events	15	7	111	3	62	71
	0%	0%	3%	0%	1%	0%
grade 6 events	25	18	219	14	330	1043
	0%	0%	6%	0%	9%	8%
grade 7 events	6265	4820	755	5366	226	5356
	91%	93%	22%	90%	6%	42%

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	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	66.295177	66.29302410585792	Subarray requested	NONE	NONE
Pointing Dec	60.540092	60.56788515880478	Alternating exposures requested	N	N
Pointing Roll	62.079664	62.23814527129051	Primary exposure time	3.200000	3.2
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	79947879.184000	79947502.744663			
Observation start date	2000-07-14T07:43:35	2000-07-14T07:38:22			
Observation end time	79949059.184000	79949368.757232			
Observation end date	2000-07-14T08:03:15	2000-07-14T08:09:28			
Read mode	TIMED	TIMED			

2.3 Aspect



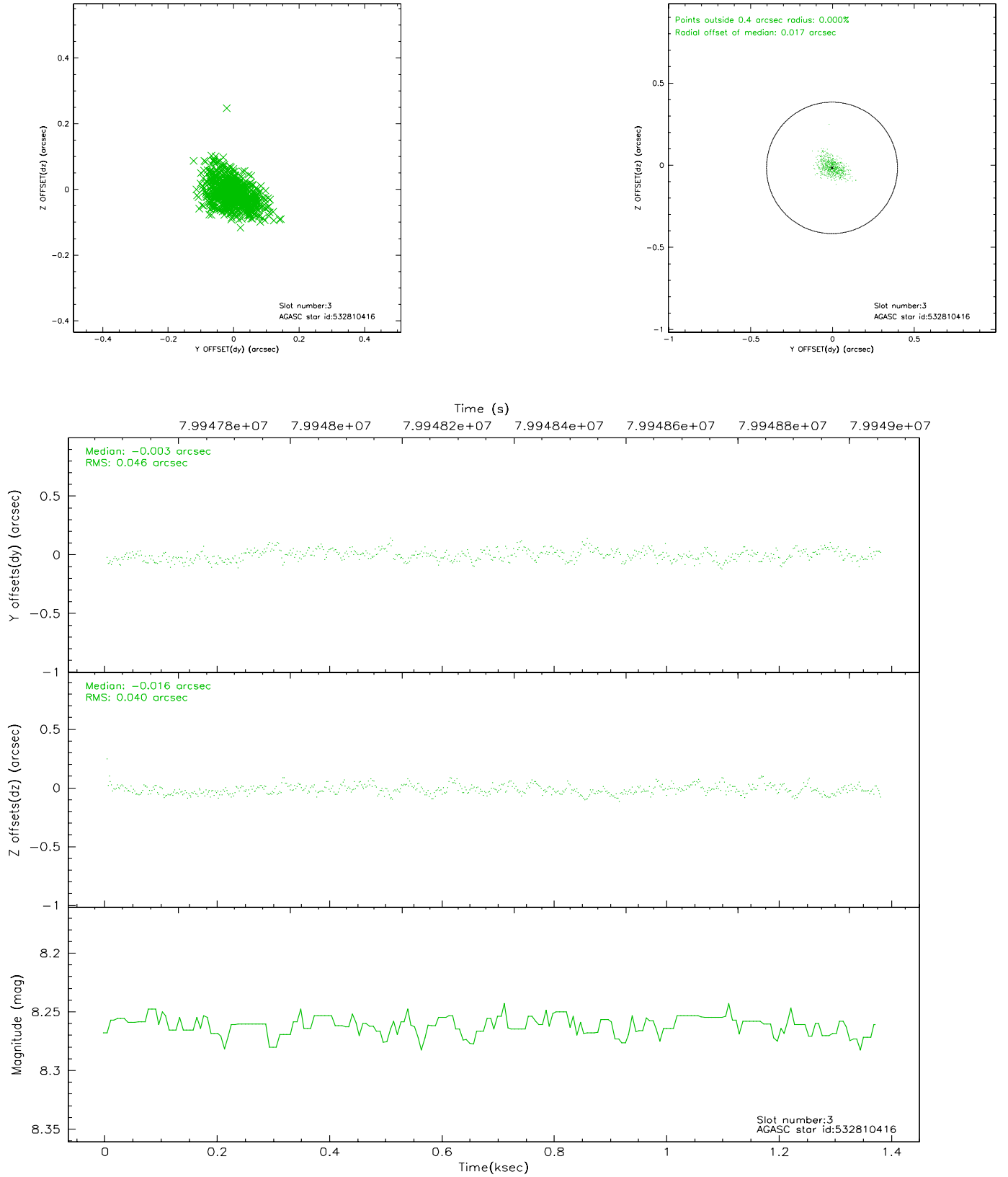


Slot Statistics

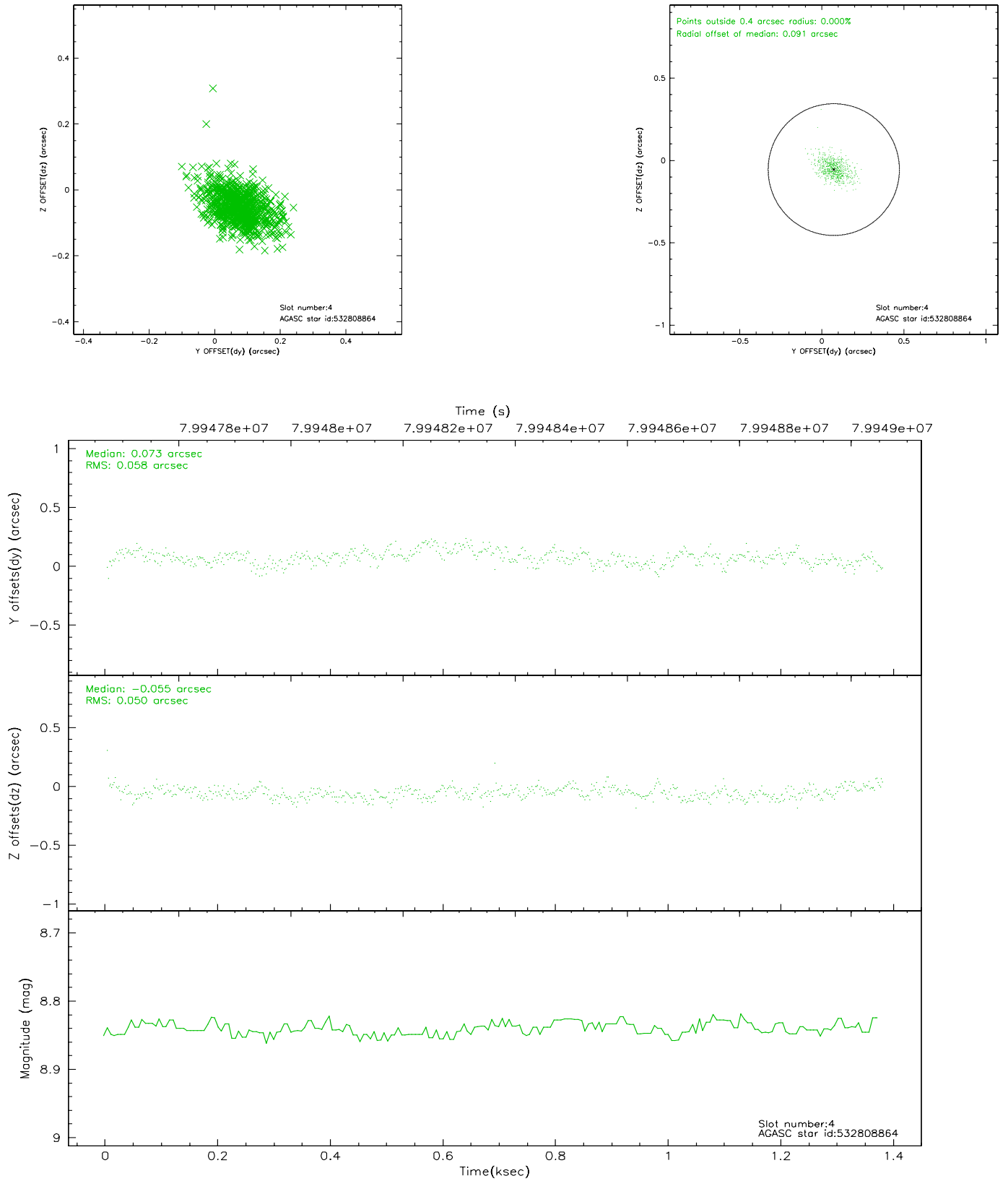
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	337	-0.024	0.035	0.006	0.010	0.000000	0.000000	-753.77	-1726.91
1	FID	ACIS-S-4	7.21	337	-0.058	0.002	0.006	0.011	0.000000	0.000000	2157.30	176.60
2	FID	ACIS-S-5	7.23	337	0.051	-0.029	0.006	0.012	0.000000	0.000000	-1800.34	175.69
3	GUIDE	532810416	8.26	673	-0.003	-0.016	0.065	0.109	65.589506	60.260431	-1476.00	643.94
4	GUIDE	532808864	8.84	673	0.073	-0.055	0.078	0.138	65.742578	60.215294	-1496.63	327.21
5	GUIDE	489032152	8.89	673	0.156	0.154	0.074	0.124	66.116960	59.873927	-2273.79	-838.92
6	GUIDE	532808776	9.05	673	-0.087	-0.016	0.082	0.139	66.101653	61.223764	2012.36	1446.61
7	GUIDE	532813176	9.33	672	-0.130	-0.075	0.087	0.152	66.050304	61.096768	1572.52	1316.11

2.4 Star Slots

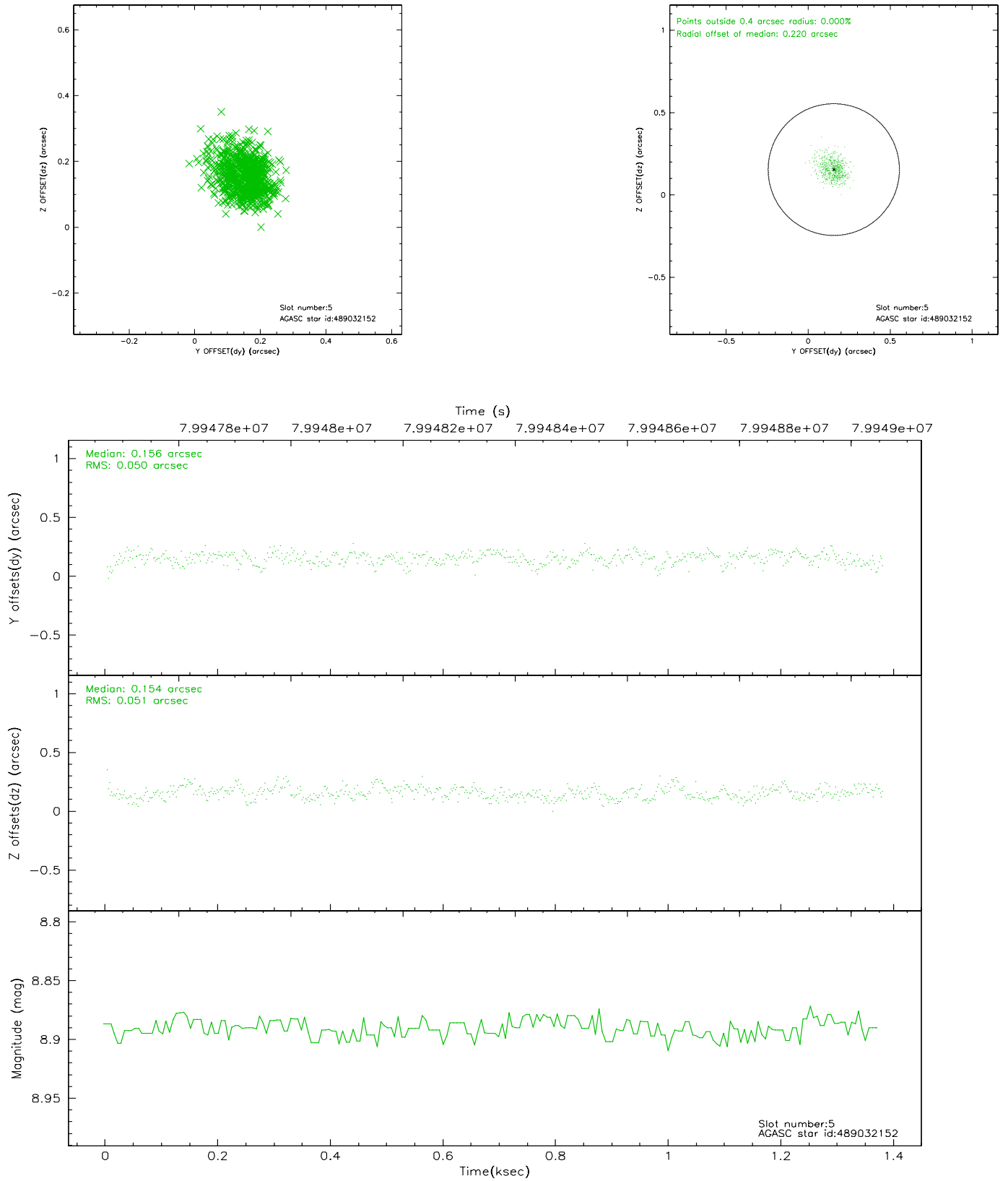
2.4.1 Slot 3



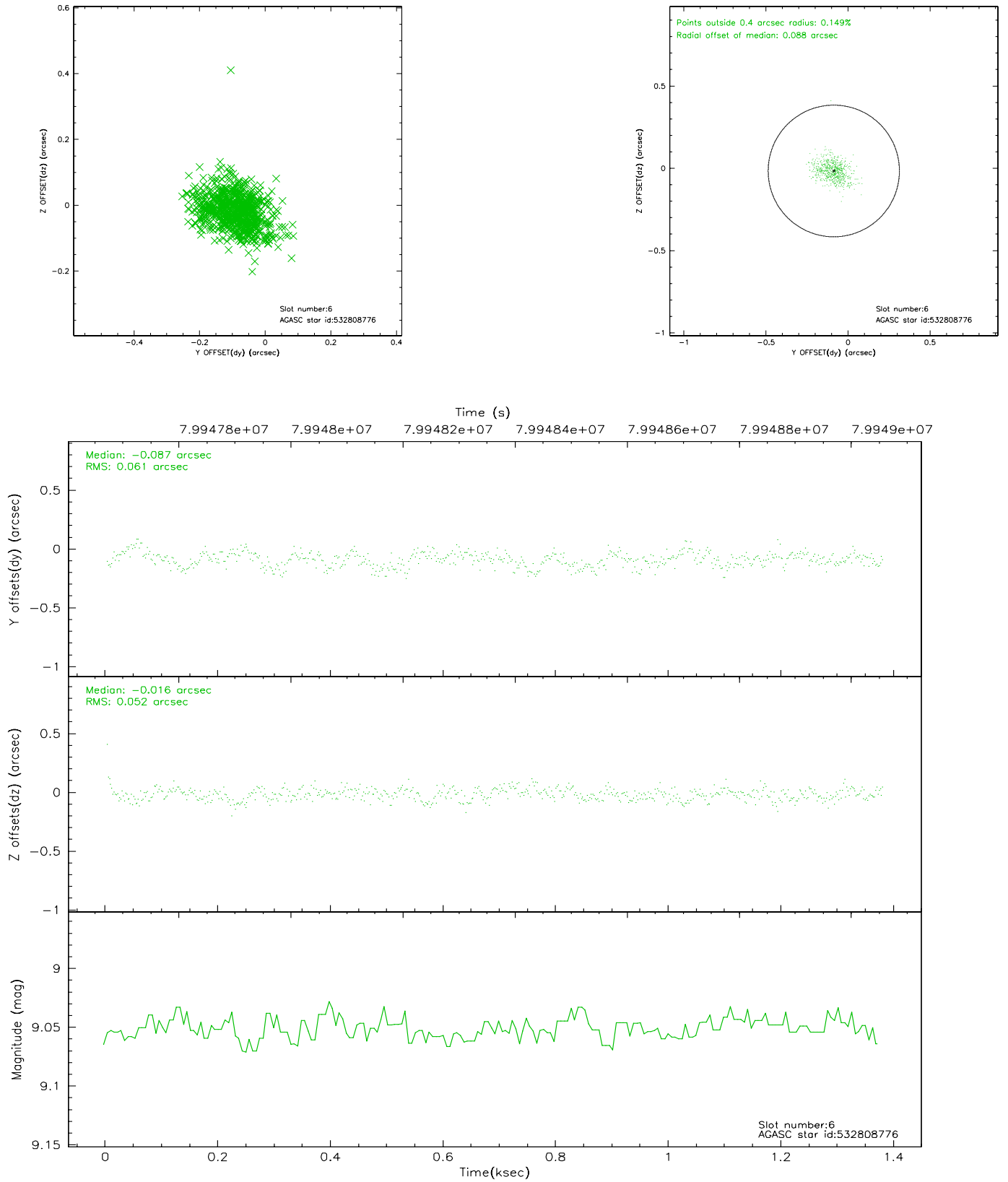
2.4.2 Slot 4



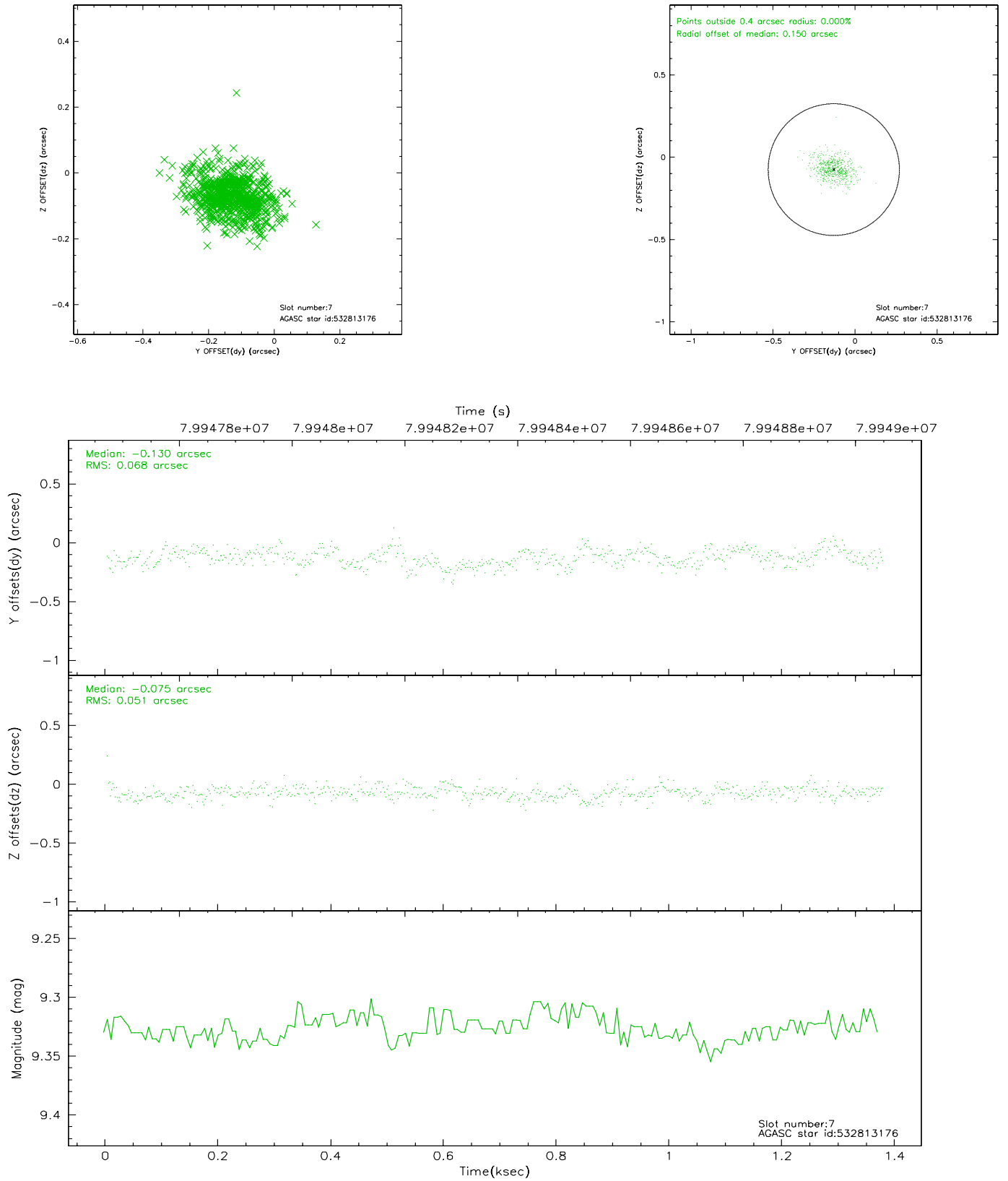
2.4.3 Slot 5



2.4.4 Slot 6

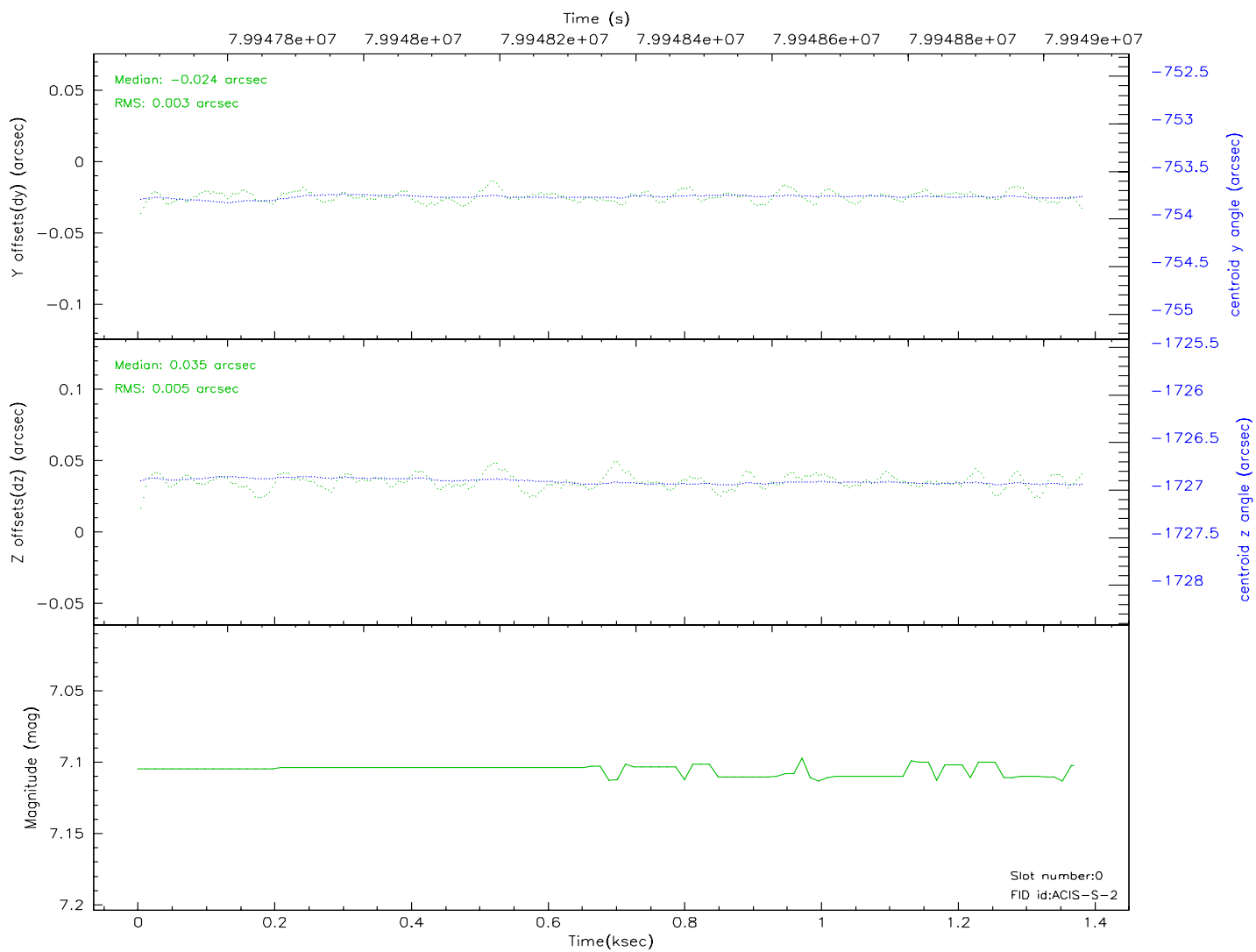
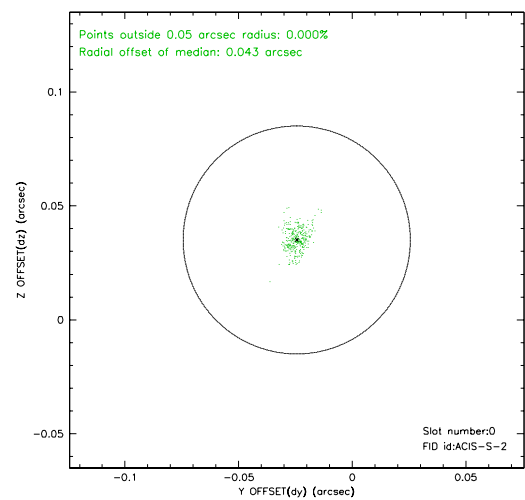
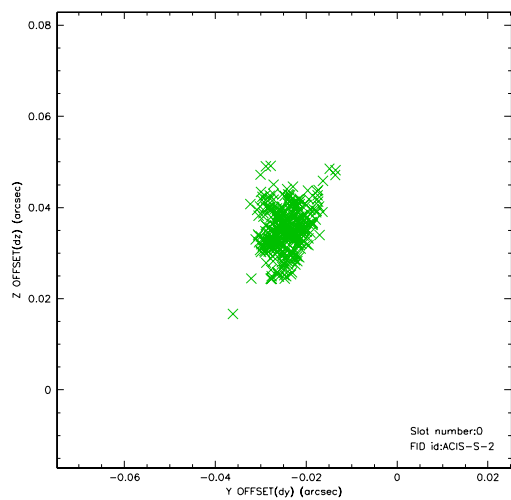


2.4.5 Slot 7

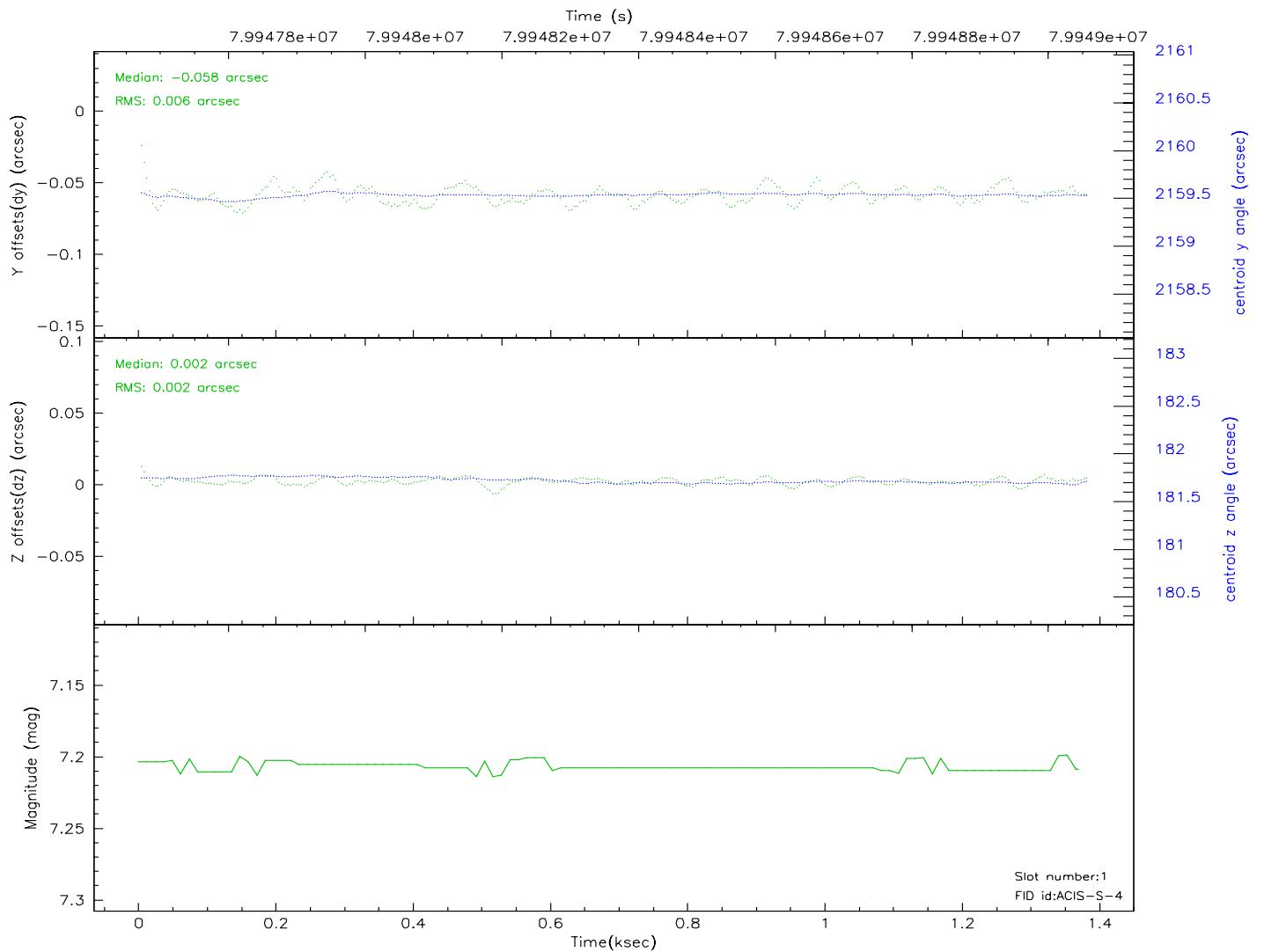
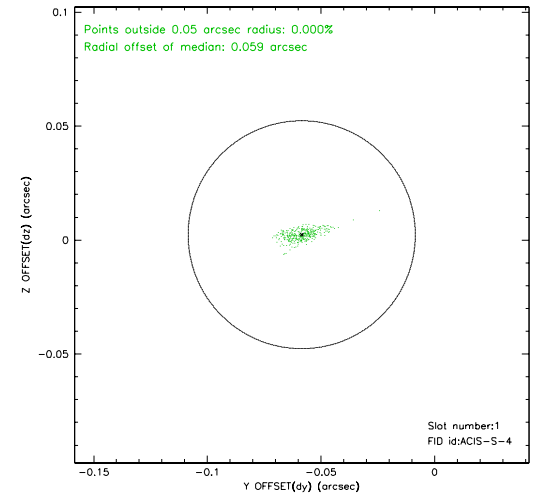
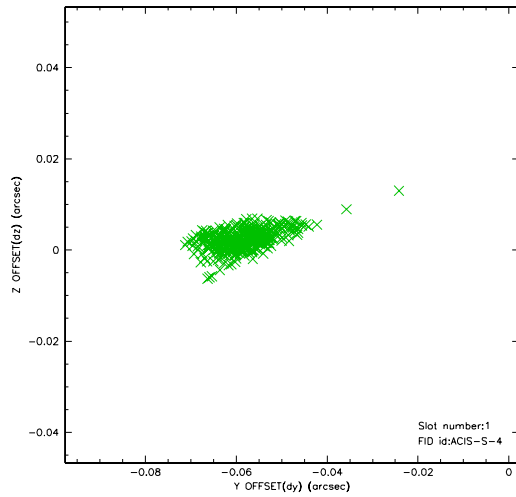


2.5 FID Slots

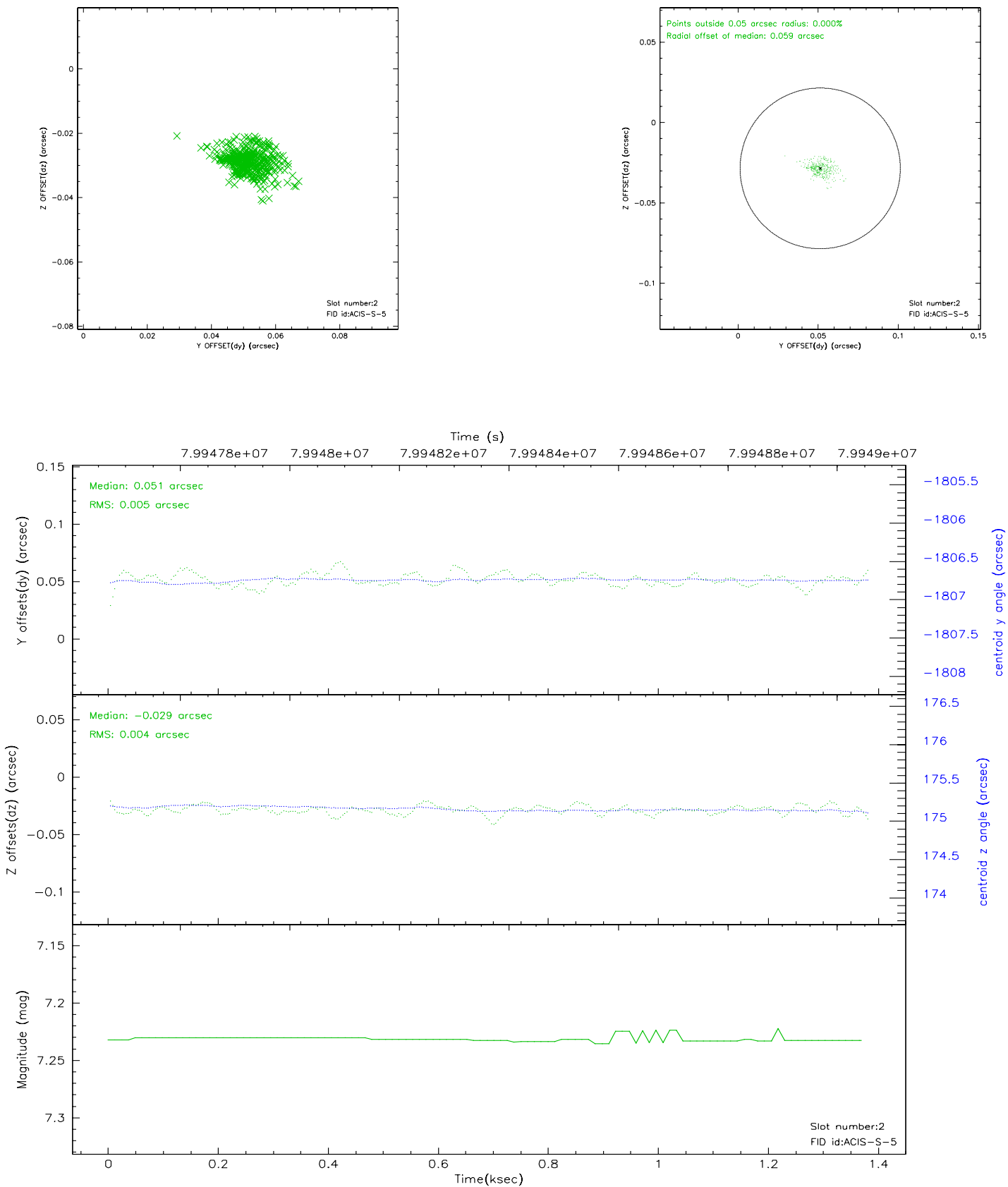
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

14.48 arcmin



10.38 arcmin



11.71 arcmin



18.47 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.05.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.376

A.2 Comments