

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 1752 - L2 Version 001
Chandra X-Ray Center

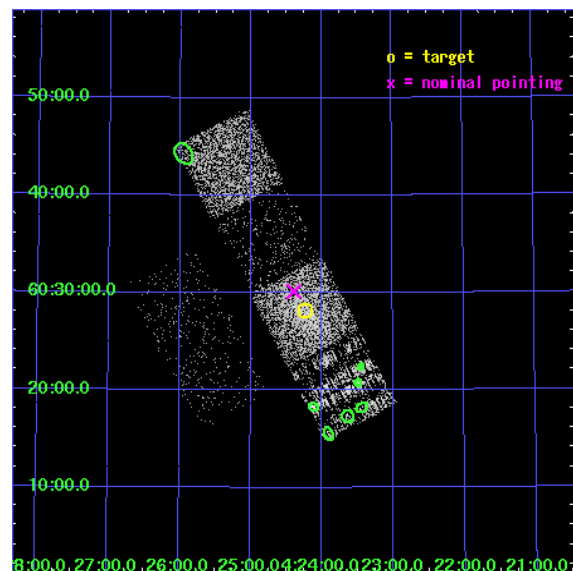
L2 Processing Date : May 30 2007

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1 Front

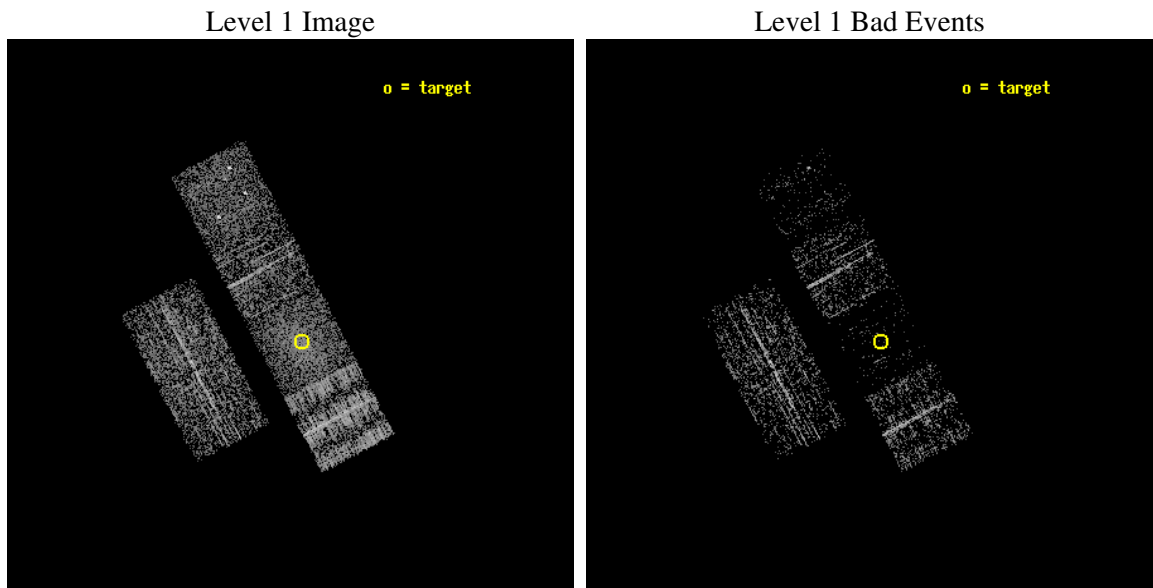
seq_num	100002
obs_id	1752
title	AXAF LOW ENERGY SPECTROSCOPY AND PHOTOMETRIC IMAGING OF COMETARY X-RAY EMISSION FROM COMET P/TEMPEL 2
observer	Dr. Carey Lisse
object	LINEAR 1999 S4
dtcycle	0
cycle	P
ra_targ	66.05836
dec_targ	60.46979
ra_nom	66.097956145666
dec_nom	60.502426428443
roll_nom	62.454813445298
revision	3
ontime	1203.2000011206
livetime	1187.9643582263
ontime2	1203.2000011206
ontime3	1203.2000011206
ontime5	1203.2000011206
ontime6	1203.2000011206
ontime7	1203.2000011206
ontime8	1203.2000011206
l2events	10429



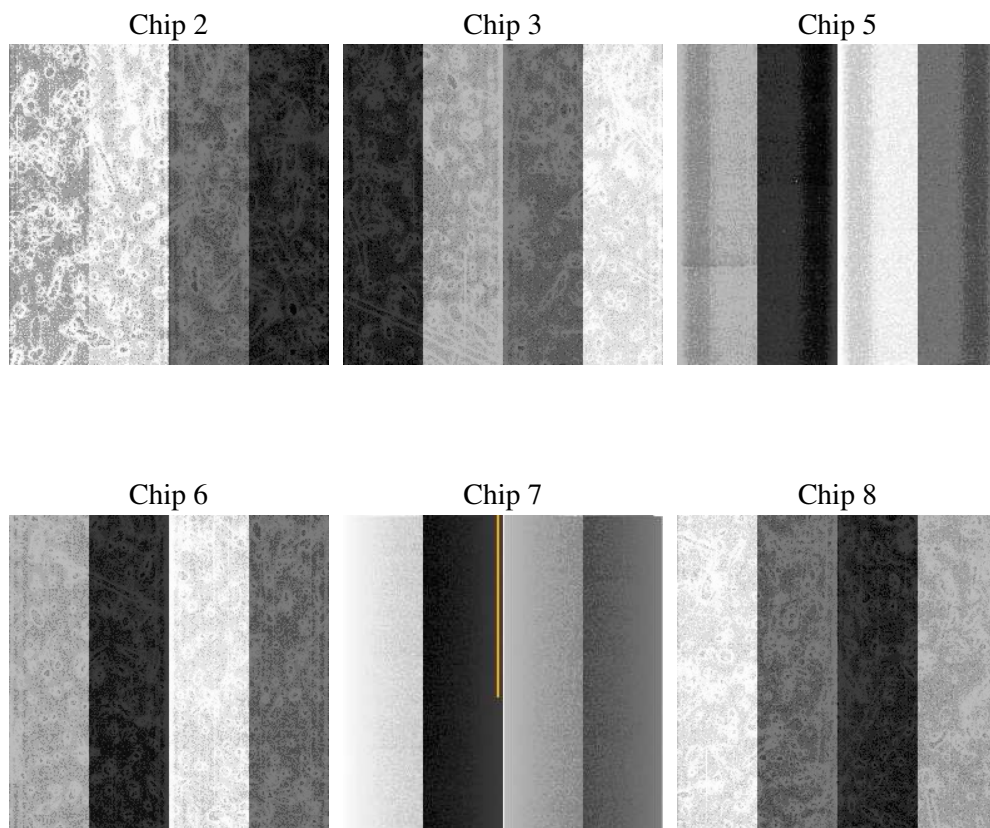
2 OBI

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	2007-05-30T19:07:47
revision	3

sched_exp_time	1000.000000
ontime	1203.2000011206
ontime2	1203.2000011206
ontime3	1203.2000011206
ontime5	1203.2000011206
ontime6	1203.2000011206
ontime7	1203.2000011206
ontime8	1203.2000011206
l1events	44332

2.1.4 Events

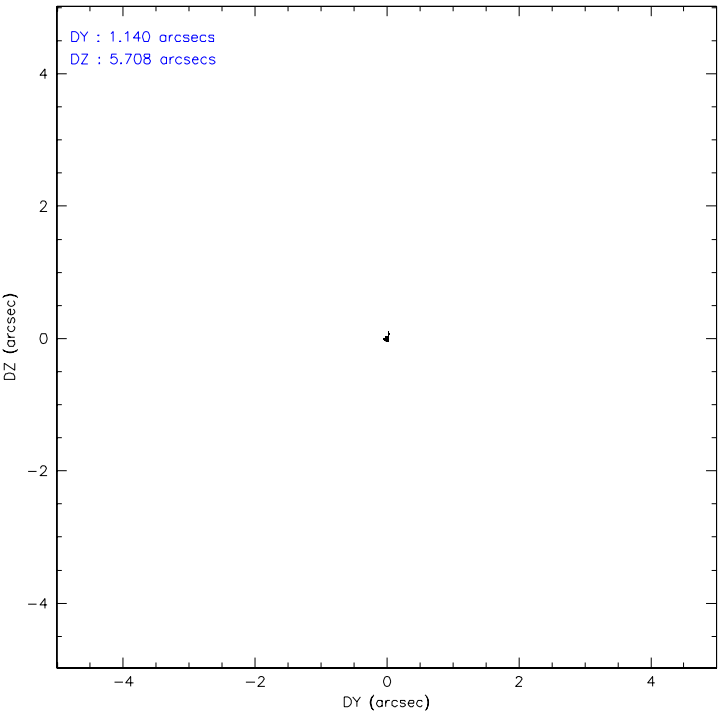
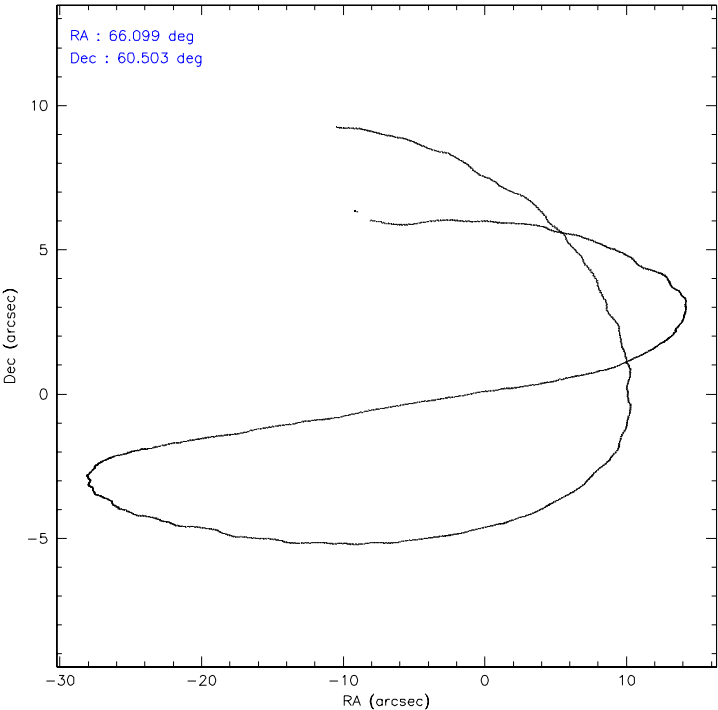
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	6738	5986	5808	6059	6165	13576
rejected events	6249	5768	2229	5558	1903	7236
rejected %	92%	96%	38%	91%	30%	53%

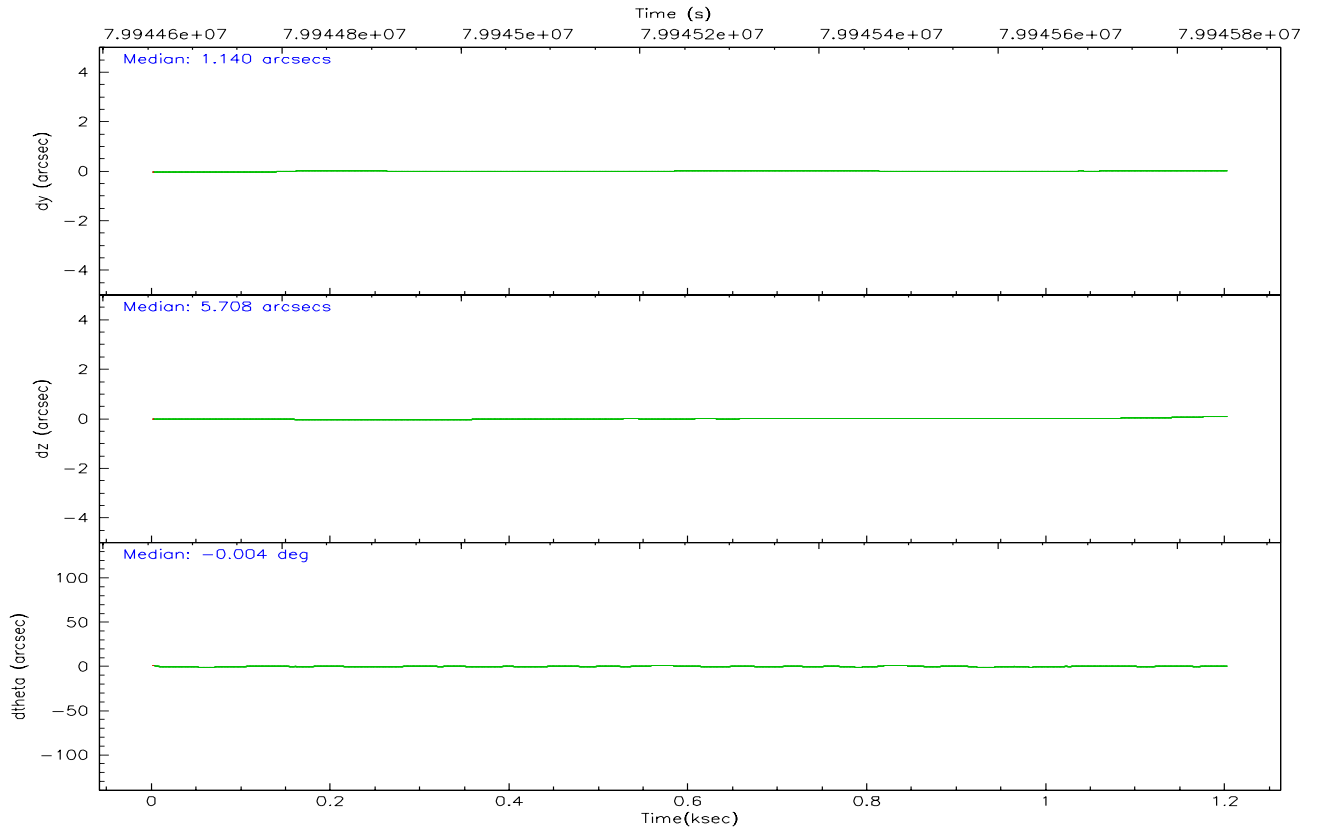
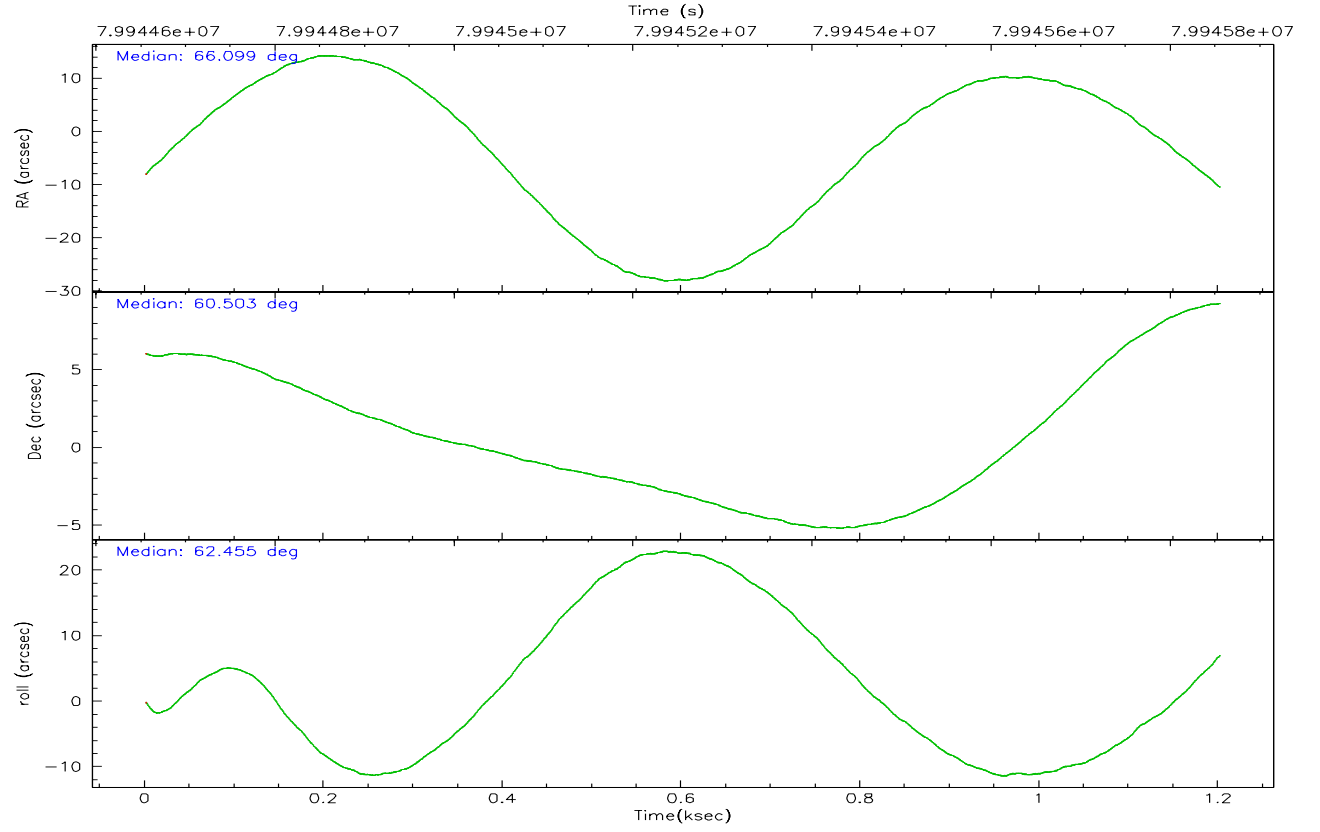
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	365	174	2087	487	2094	3023
	5%	2%	35%	8%	33%	22%
grade 1 events	4	1	10	4	8	31
	0%	0%	0%	0%	0%	0%
grade 2 events	115	39	1361	99	1560	881
	1%	0%	23%	1%	25%	6%
grade 3 events	45	36	462	49	639	1550
	0%	0%	7%	0%	10%	11%
grade 4 events	49	26	466	27	617	1434
	0%	0%	8%	0%	10%	10%
grade 5 events	4	1	137	2	69	79
	0%	0%	2%	0%	1%	0%
grade 6 events	33	10	591	11	923	1242
	0%	0%	10%	0%	14%	9%
grade 7 events	6123	5699	694	5380	255	5336
	90%	95%	11%	88%	4%	39%

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	66.099720	66.09795614566568	Subarray requested	NONE	NONE
Pointing Dec	60.474903	60.5024264284429	Alternating exposures requested	N	N
Pointing Roll	62.296803	62.45481344529797	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	79944859.184000	79944483.094552			
Observation start date	2000-07-14T06:53:15	2000-07-14T06:48:03			
Observation end time	79945859.184000	79945992.919607			
Observation end date	2000-07-14T07:09:55	2000-07-14T07:13:12			
Read mode	TIMED	TIMED			

2.3 Aspect



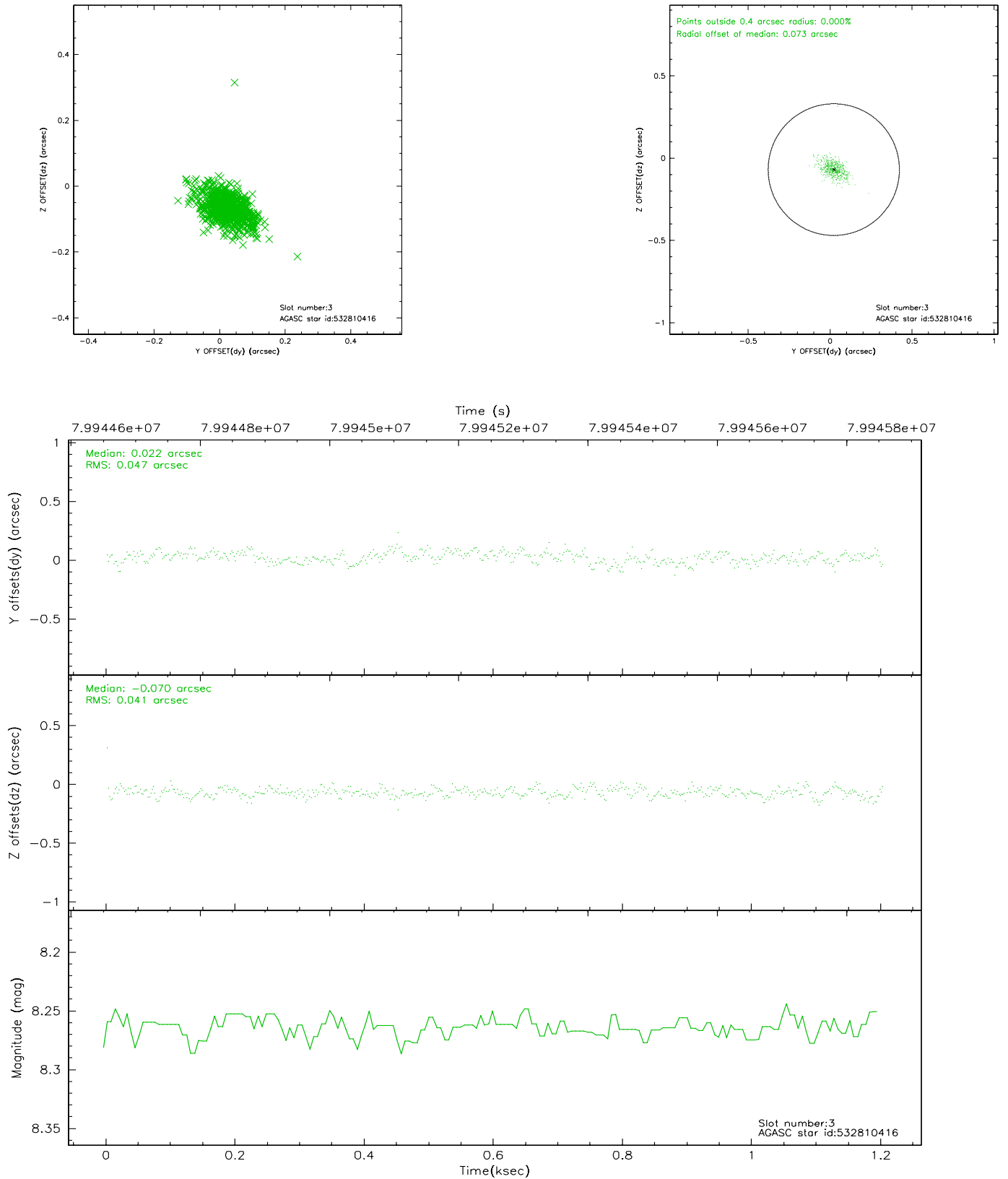


Slot Statistics

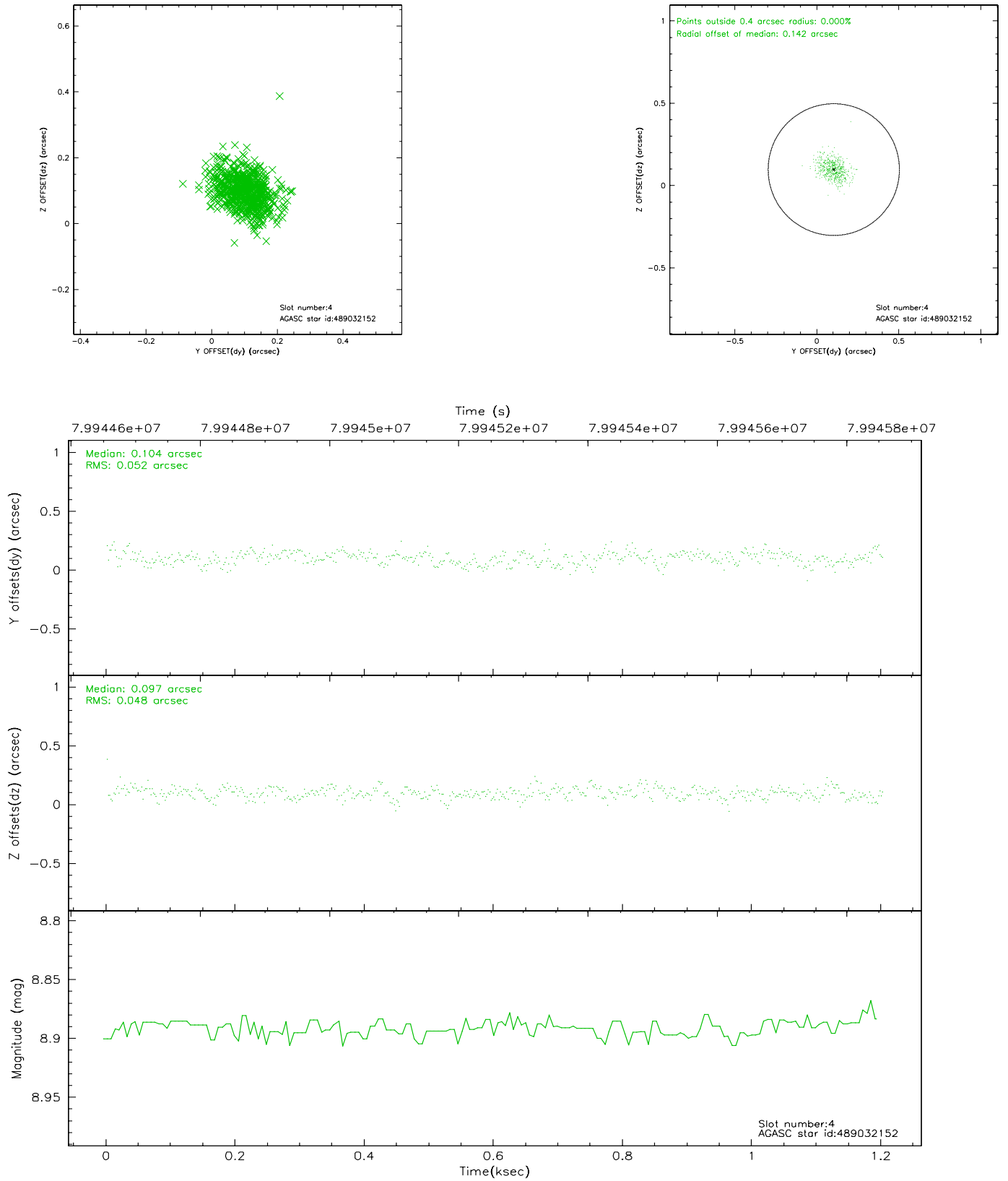
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	294	-0.025	0.035	0.006	0.010	0.000000	0.000000	-753.74	-1726.81
1	FID	ACIS-S-4	7.21	294	-0.055	0.003	0.008	0.013	0.000000	0.000000	2157.00	175.95
2	FID	ACIS-S-5	7.24	294	0.049	-0.029	0.007	0.012	0.000000	0.000000	-1799.39	175.85
3	GUIDE	532810416	8.26	587	0.022	-0.070	0.061	0.105	65.589506	60.260431	-1105.85	449.58
4	GUIDE	489032152	8.89	586	0.104	0.097	0.073	0.123	66.116960	59.873927	-1904.65	-1032.30
5	GUIDE	532808776	9.06	587	-0.127	-0.009	0.093	0.153	66.101653	61.223764	2383.25	1248.88
6	GUIDE	532811696	9.36	587	0.009	0.076	0.083	0.142	66.012975	60.297248	-635.84	-157.82
7	GUIDE	532820840	9.18	586	-0.010	-0.094	0.085	0.146	65.827585	60.819790	875.17	1000.44

2.4 Star Slots

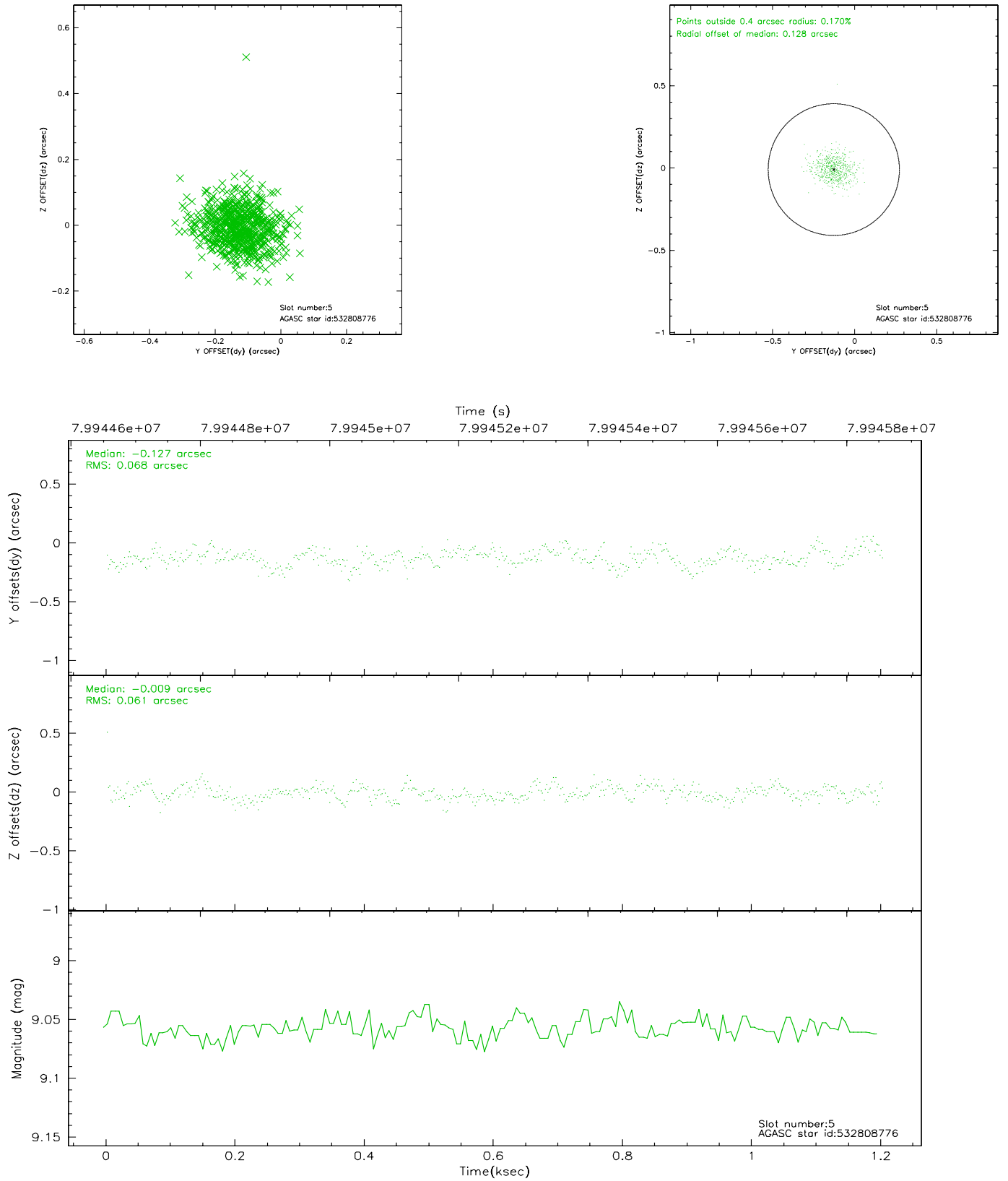
2.4.1 Slot 3



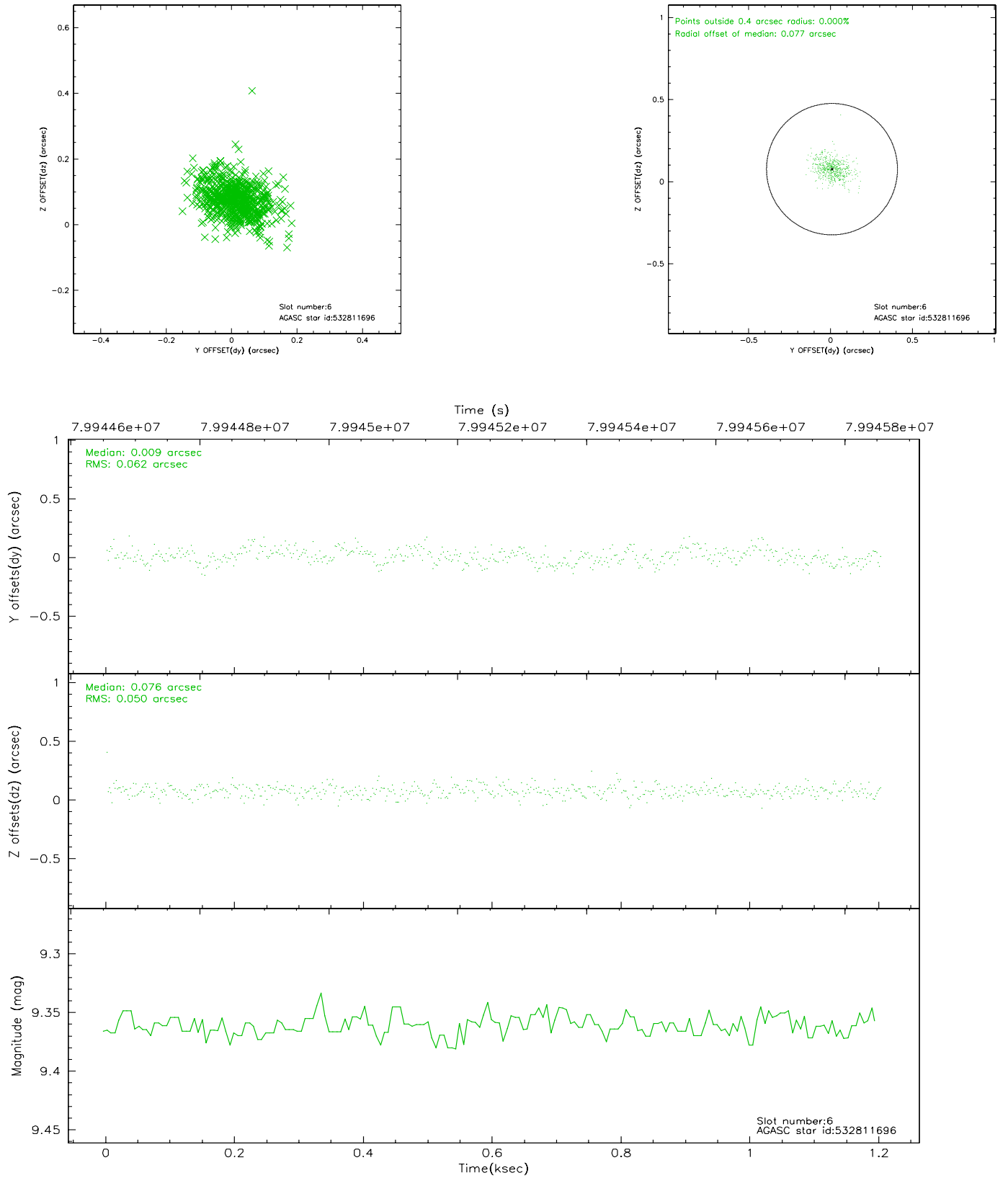
2.4.2 Slot 4



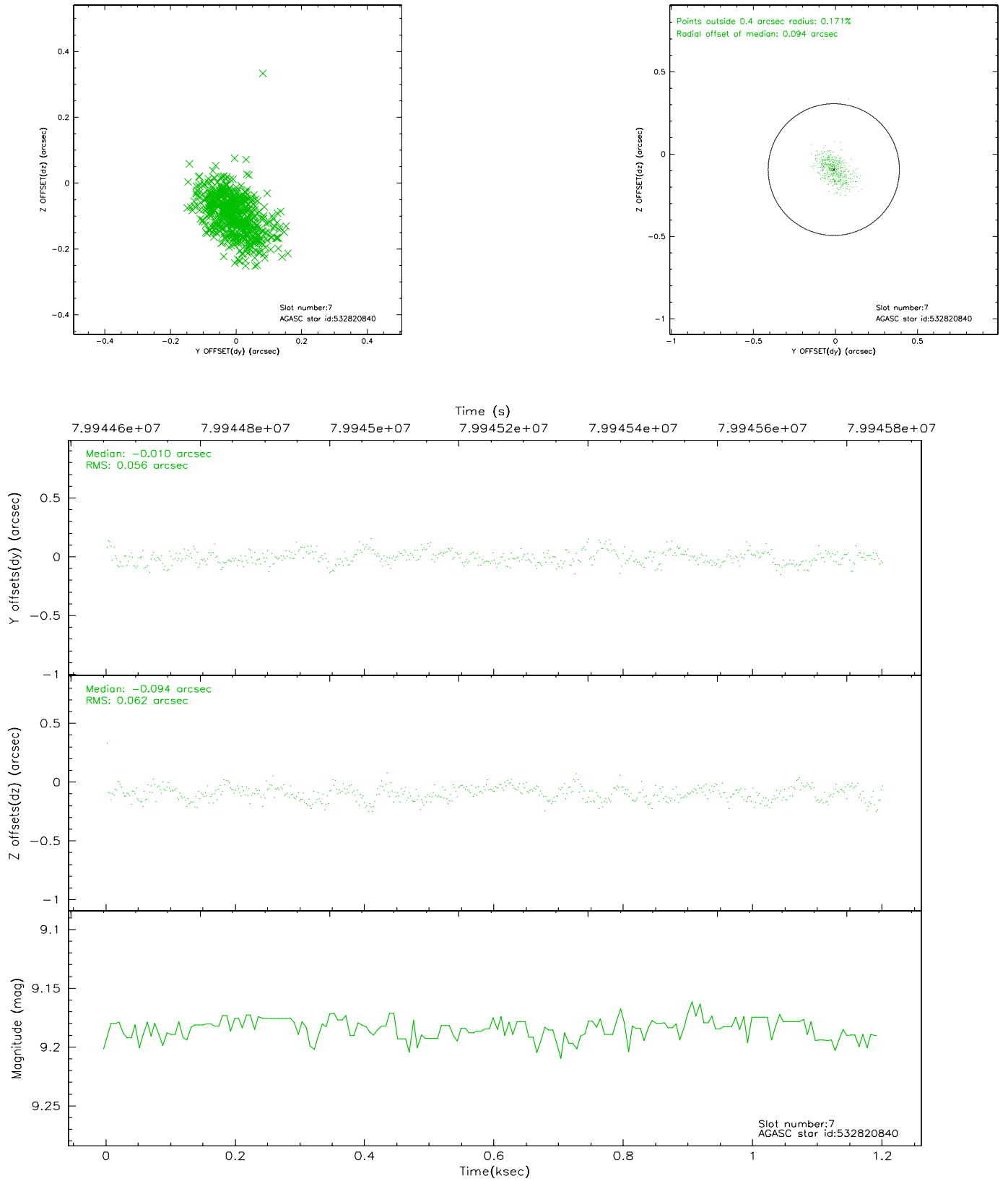
2.4.3 Slot 5



2.4.4 Slot 6

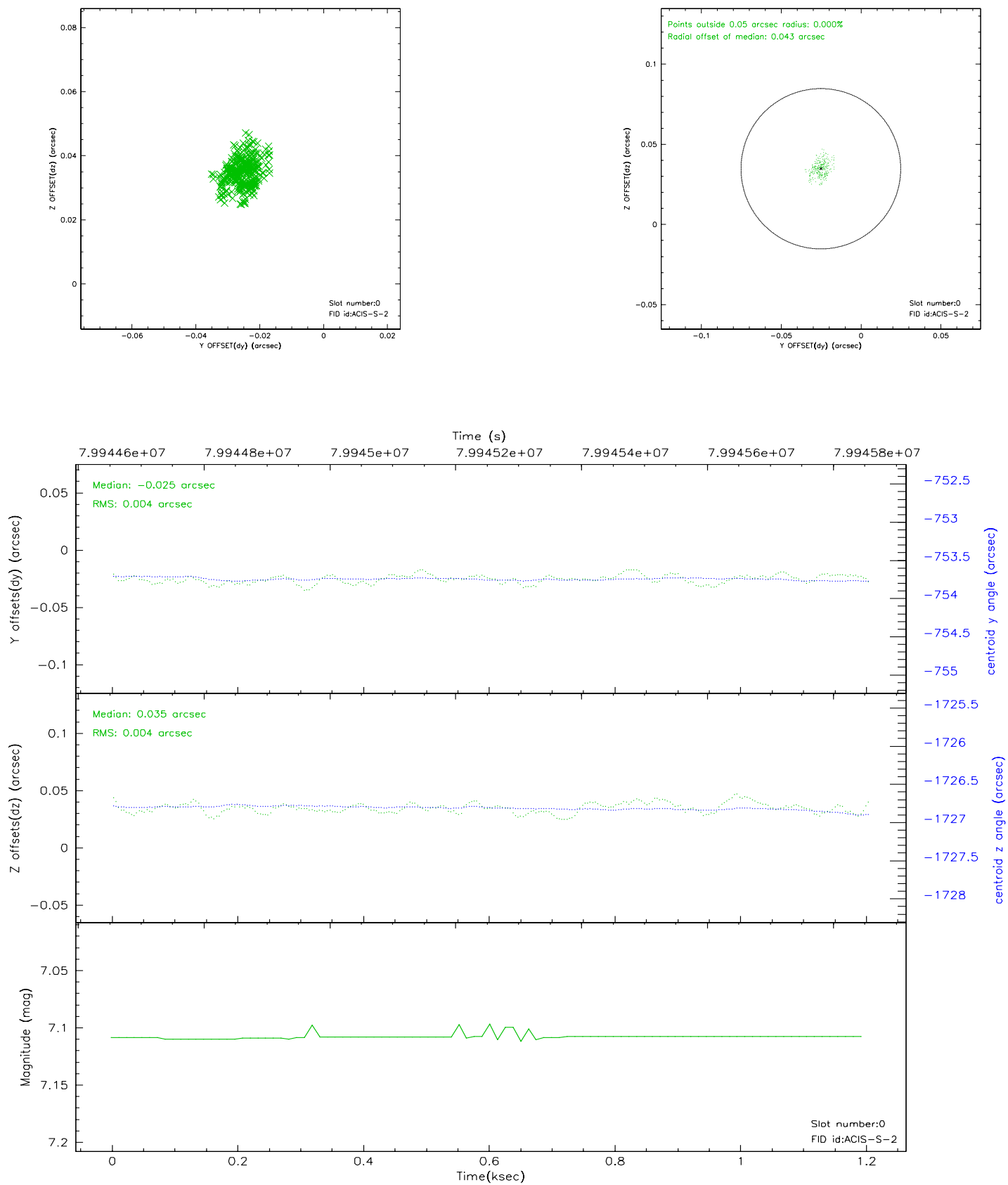


2.4.5 Slot 7

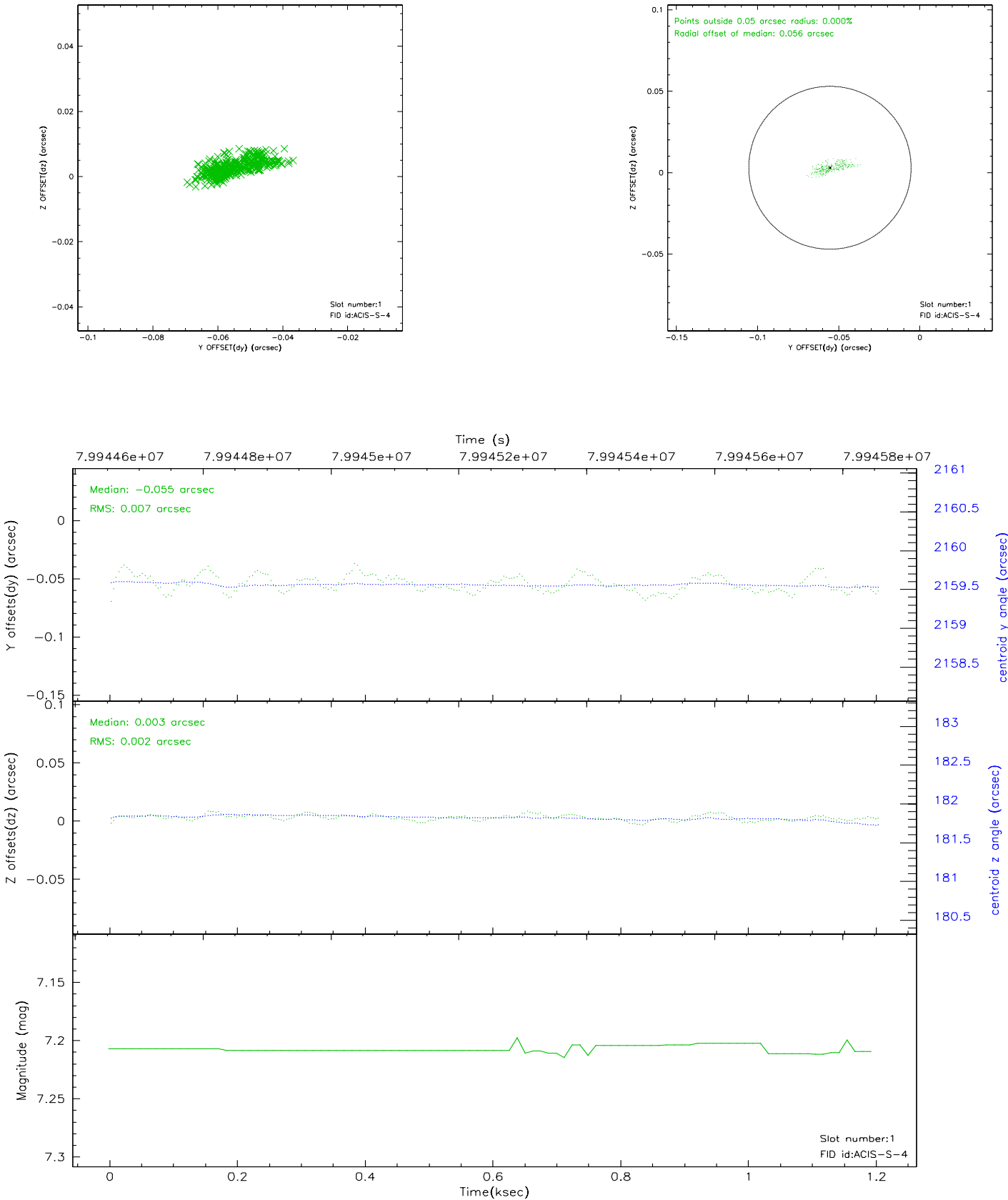


2.5 FID Slots

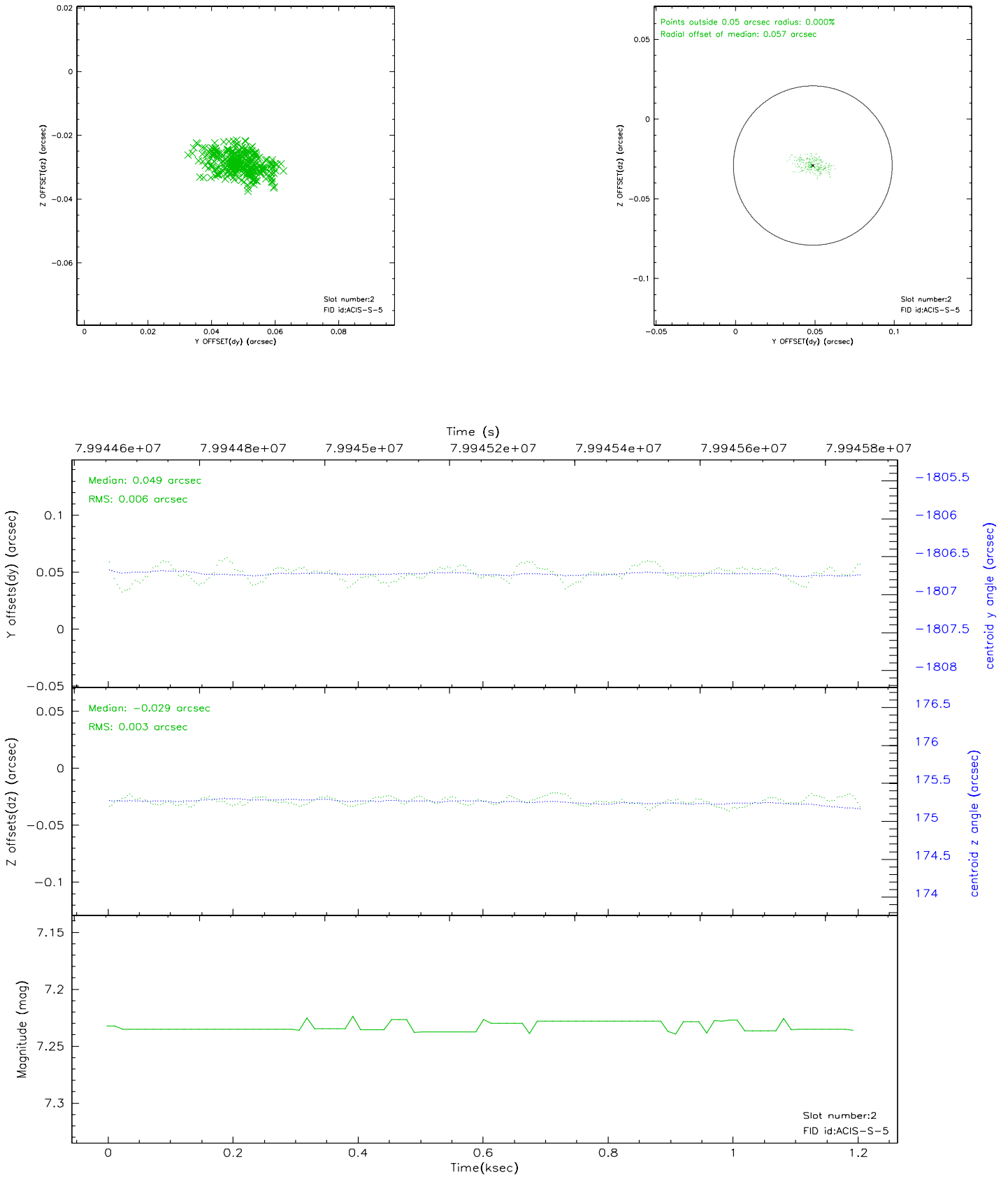
2.5.1 Slot 0



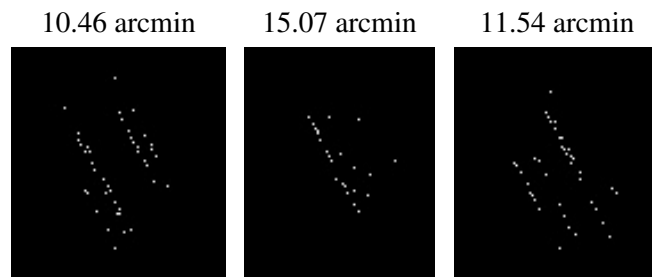
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.05.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.203

A.2 Comments