

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 1750 - L2 Version 001
Chandra X-Ray Center

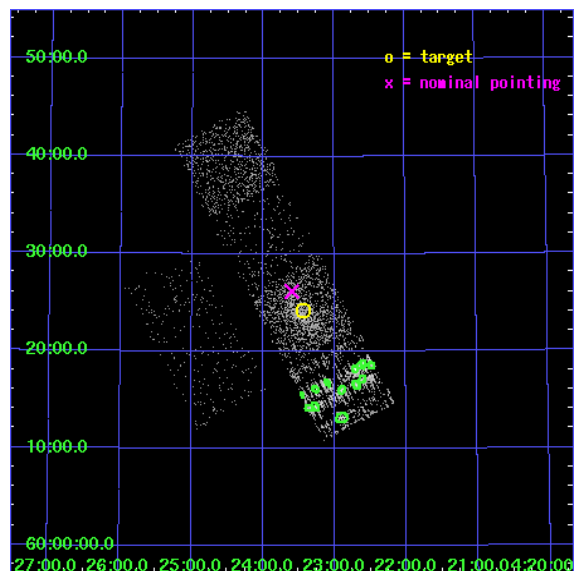
L2 Processing Date : May 30 2007

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1 Front

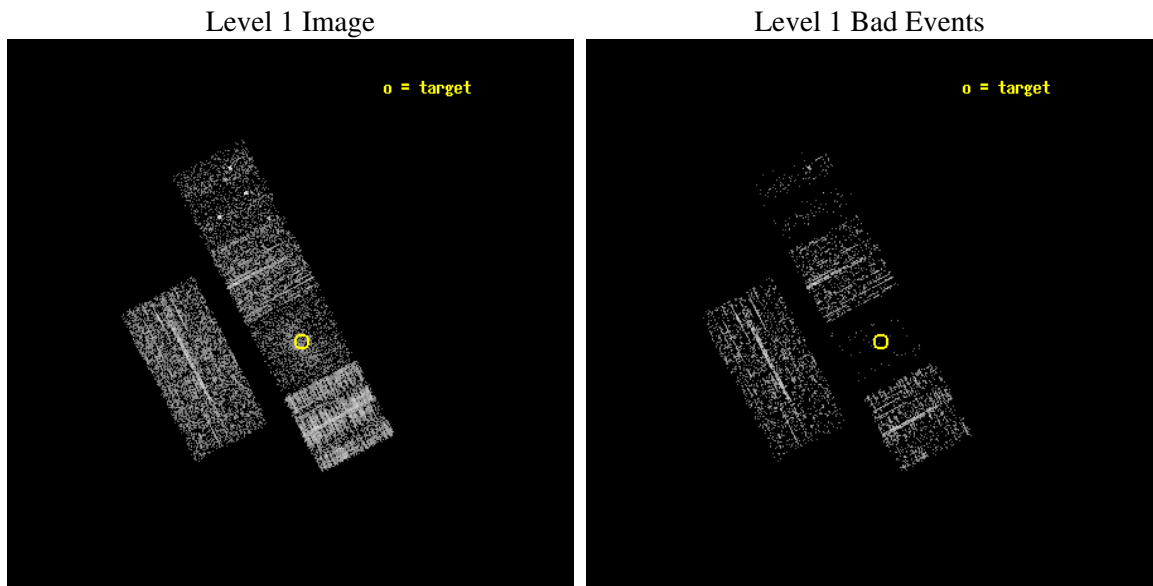
seq_num	100002
obs_id	1750
title	AXAF LOW ENERGY SPECTROSCOPY AND PHOTOMETRIC IMAGING OF COMETARY X-RAY EMISSION FROM COMET P/TEMPEL 2
observer	Dr. Carey Lisse
object	LINEAR 1999 S4
dtcycle	0
cycle	P
ra_targ	65.8602
dec_targ	60.40331
ra_nom	65.898875557107
dec_nom	60.43616342442
roll_nom	62.67635540478
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	5809



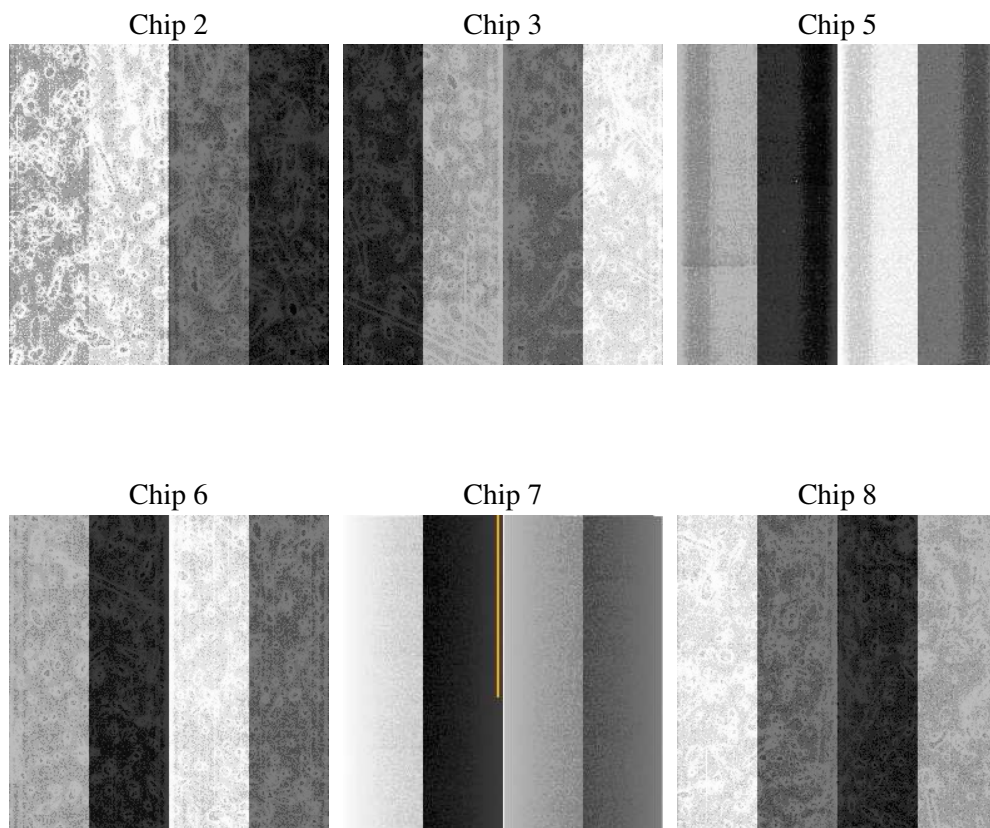
2 OBI

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	2007-05-30T18:43:08
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	36810

2.1.4 Events

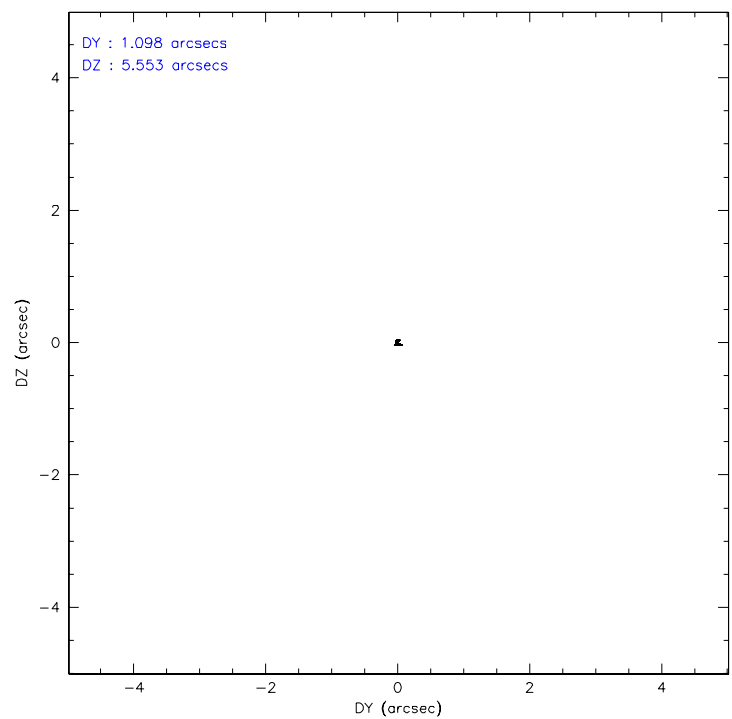
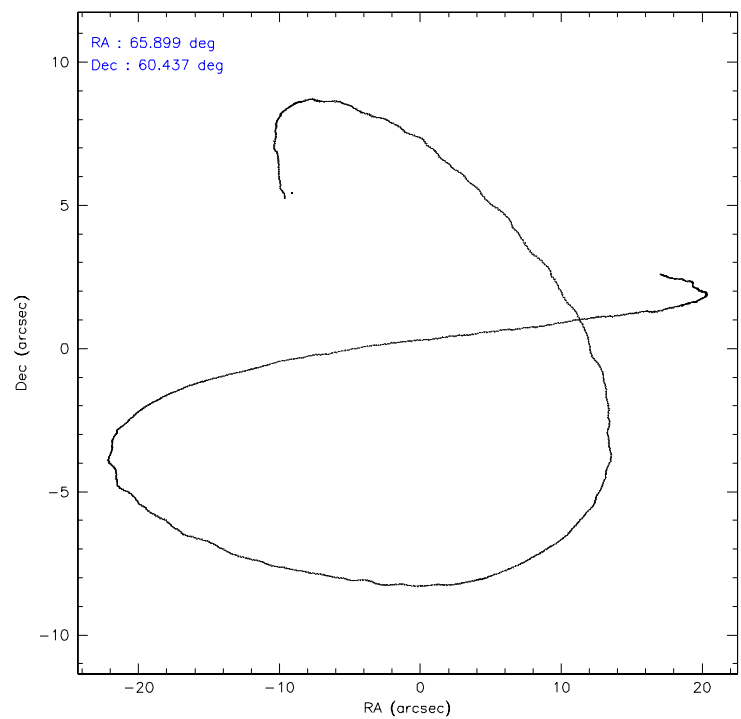
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	6757	5791	2588	5899	2597	13178
rejected events	6353	5600	1154	5484	775	6996
rejected %	94%	96%	44%	92%	29%	53%

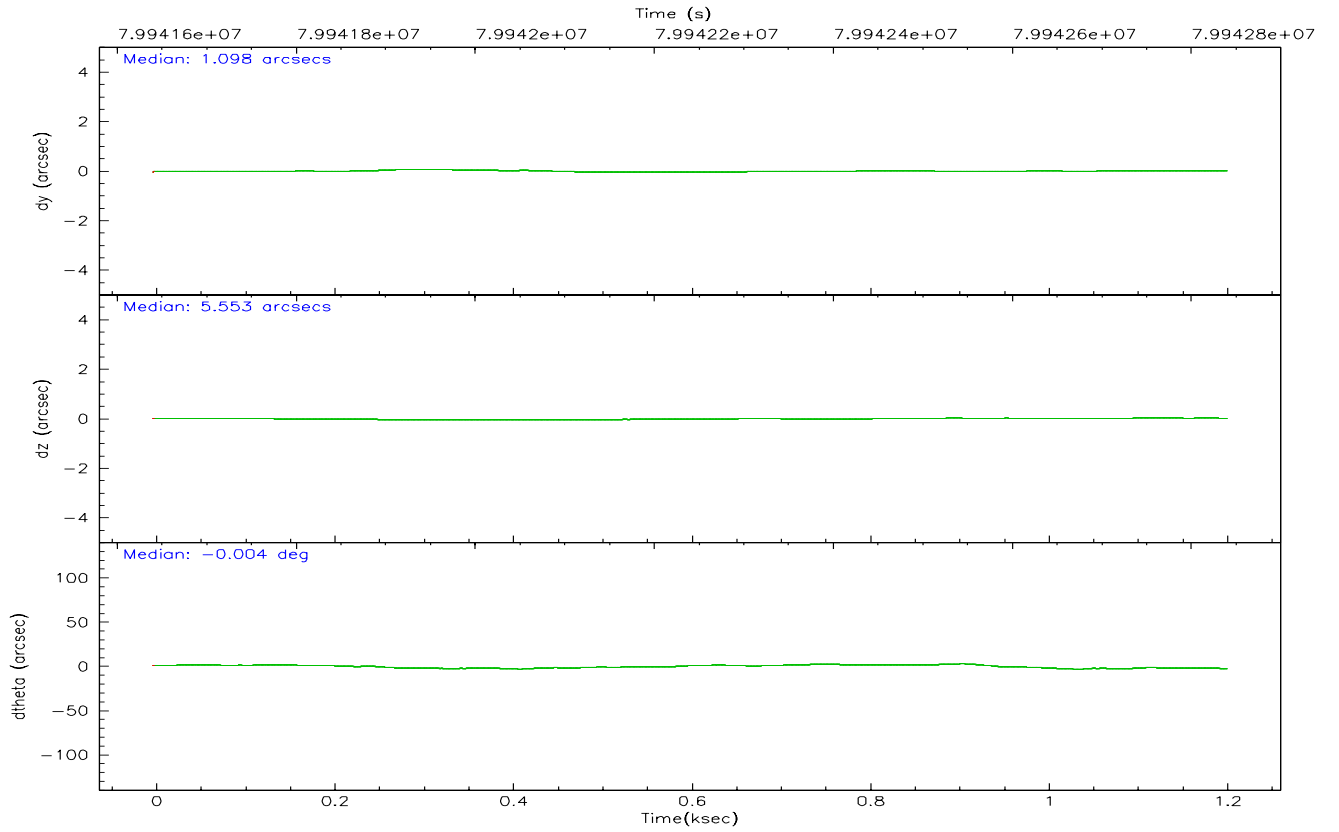
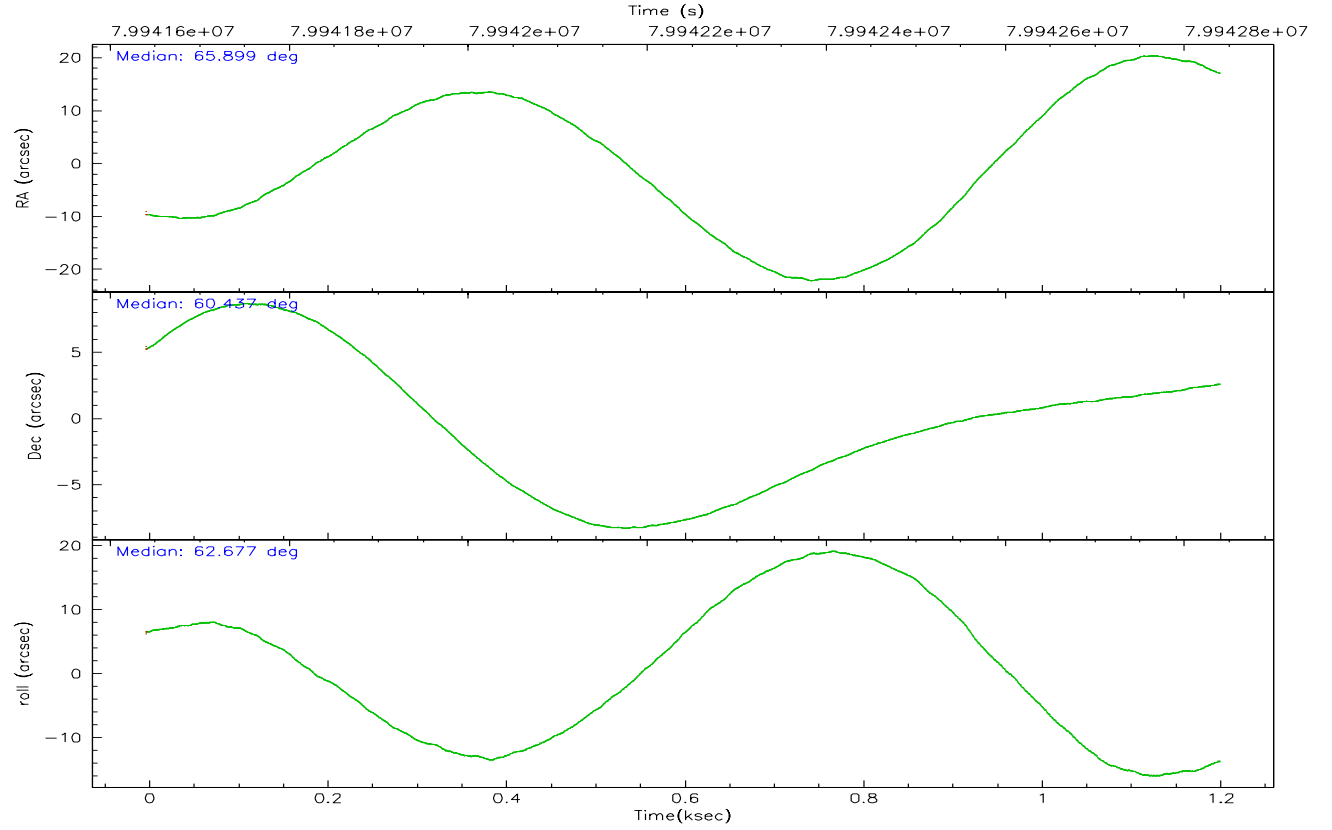
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	276	130	816	318	947	2829
	4%	2%	31%	5%	36%	21%
grade 1 events	2	2	15	3	7	21
	0%	0%	0%	0%	0%	0%
grade 2 events	121	23	525	101	624	741
	1%	0%	20%	1%	24%	5%
grade 3 events	31	40	161	28	252	1604
	0%	0%	6%	0%	9%	12%
grade 4 events	52	33	145	30	276	1399
	0%	0%	5%	0%	10%	10%
grade 5 events	11	1	103	3	73	89
	0%	0%	3%	0%	2%	0%
grade 6 events	29	9	136	15	217	1165
	0%	0%	5%	0%	8%	8%
grade 7 events	6235	5553	687	5401	201	5330
	92%	95%	26%	91%	7%	40%

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	65.901426	65.89887555710708	Subarray requested	NONE	NONE
Pointing Dec	60.408499	60.43616342442033	Alternating exposures requested	N	N
Pointing Roll	62.517540	62.6763554047797	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	79941839.184000	79941463.44444001			
Observation start date	2000-07-14T06:02:55	2000-07-14T05:57:43			
Observation end time	79942839.184000	79942973.26949599			
Observation end date	2000-07-14T06:19:35	2000-07-14T06:22:53			
Read mode	TIMED	TIMED			

2.3 Aspect



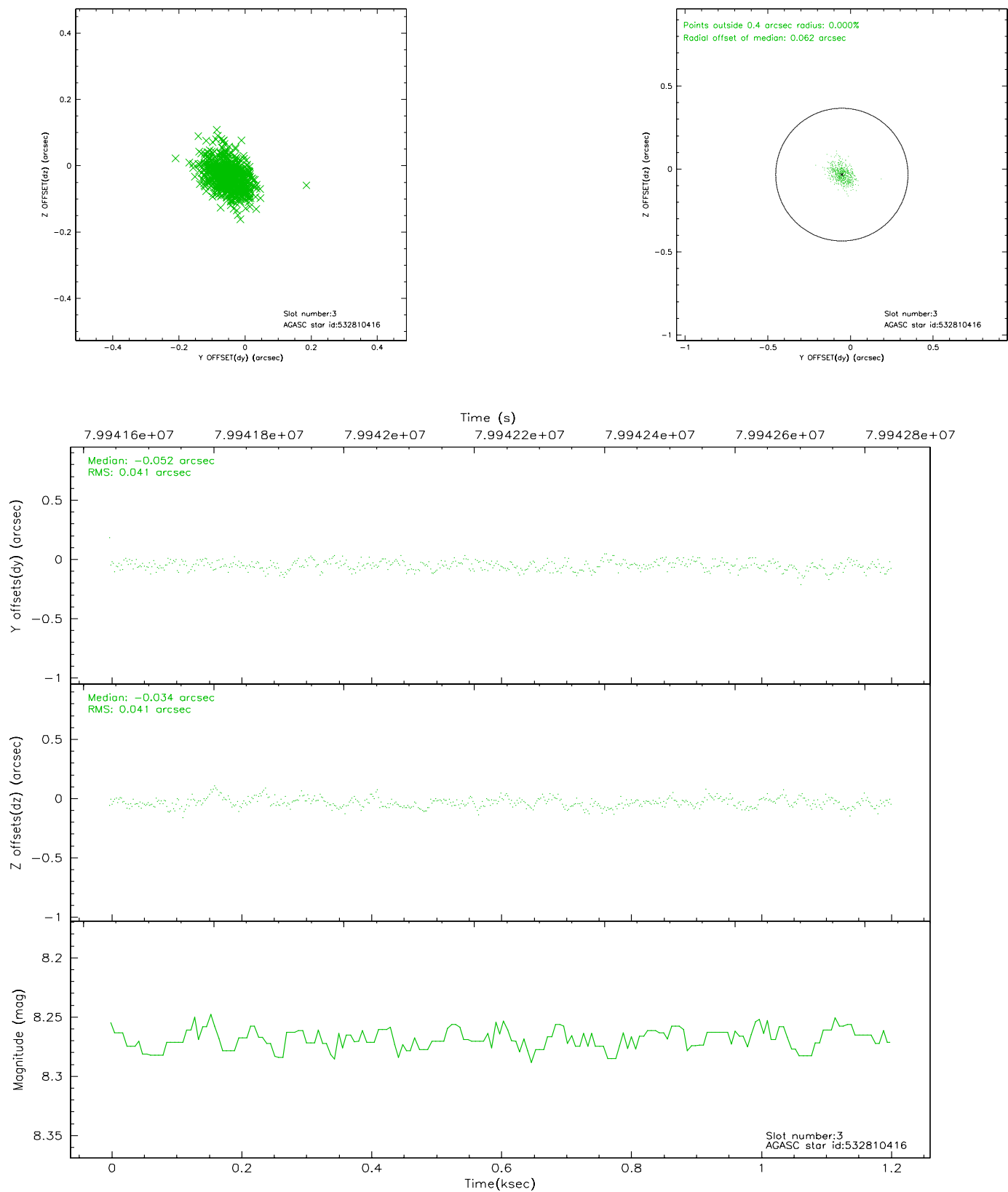


Slot Statistics

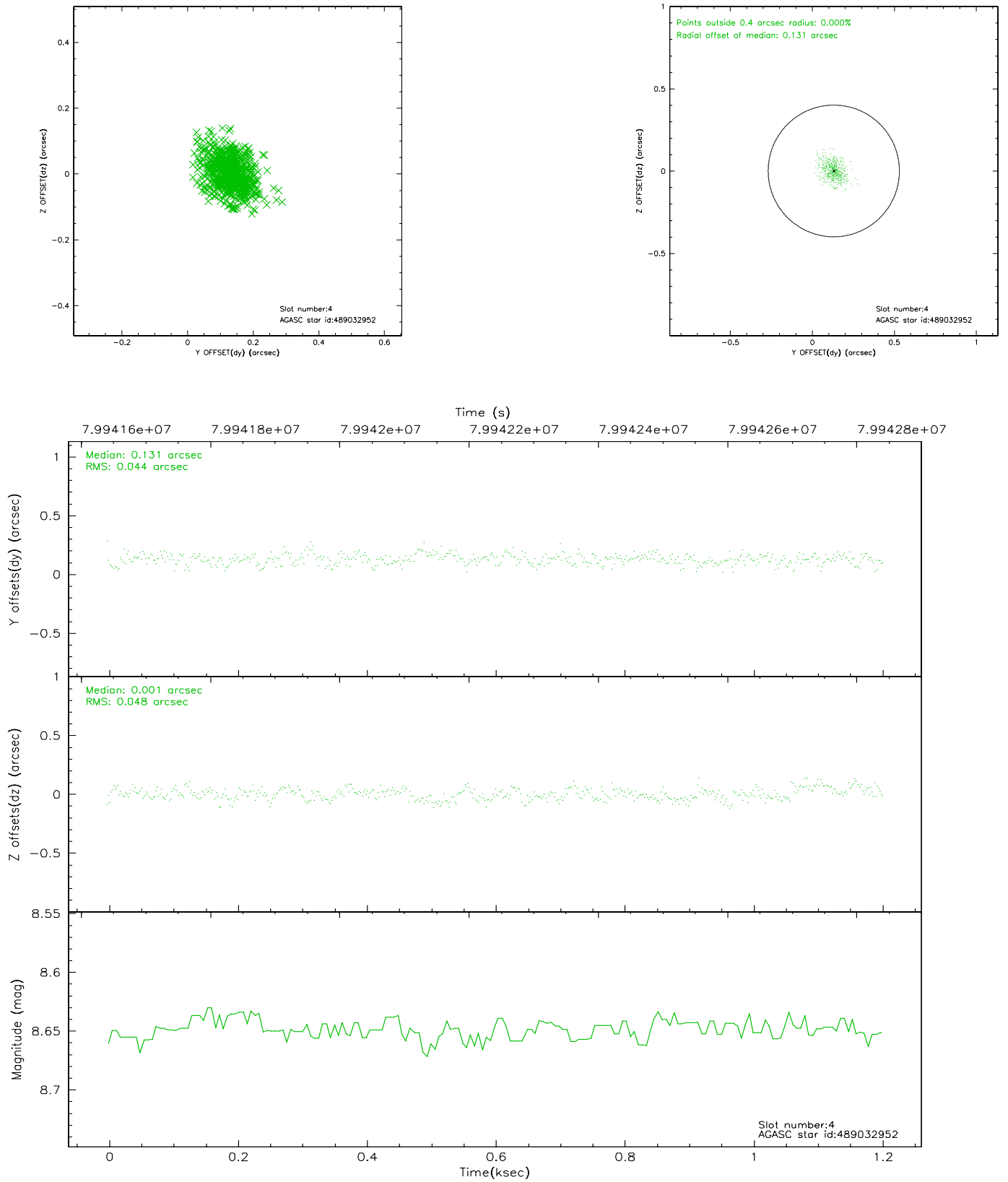
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	293	-0.003	-0.012	0.014	0.026	0.000000	0.000000	-753.70	-1726.69
1	FID	ACIS-S-4	7.19	293	-0.033	-0.003	0.026	0.038	0.000000	0.000000	2157.06	176.07
2	FID	ACIS-S-6	7.35	294	0.007	0.022	0.024	0.030	0.000000	0.000000	415.44	819.80
3	GUIDE	532810416	8.27	587	-0.052	-0.034	0.062	0.098	65.589506	60.260431	-730.59	247.85
4	GUIDE	489032952	8.65	586	0.131	0.001	0.069	0.112	65.322332	59.901155	-2101.64	86.28
5	GUIDE	489032152	8.89	587	0.099	0.126	0.078	0.121	66.116960	59.873927	-1532.29	-1233.96
6	GUIDE	532820840	9.19	587	0.038	-0.085	0.078	0.137	65.827585	60.819790	1249.47	795.17
7	GUIDE	532813176	9.34	586	-0.217	-0.004	0.093	0.147	66.050304	61.096768	2318.15	914.20

2.4 Star Slots

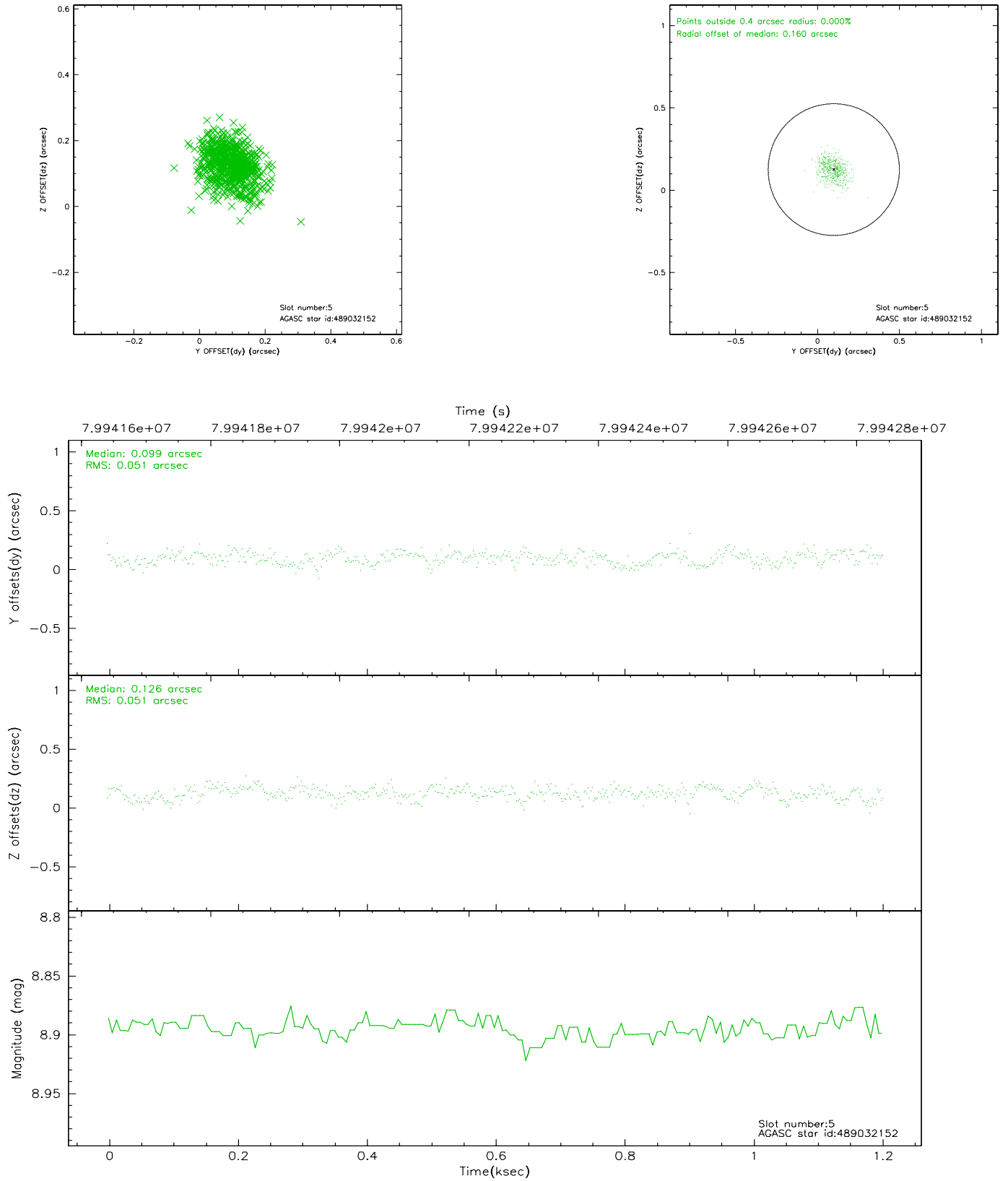
2.4.1 Slot 3



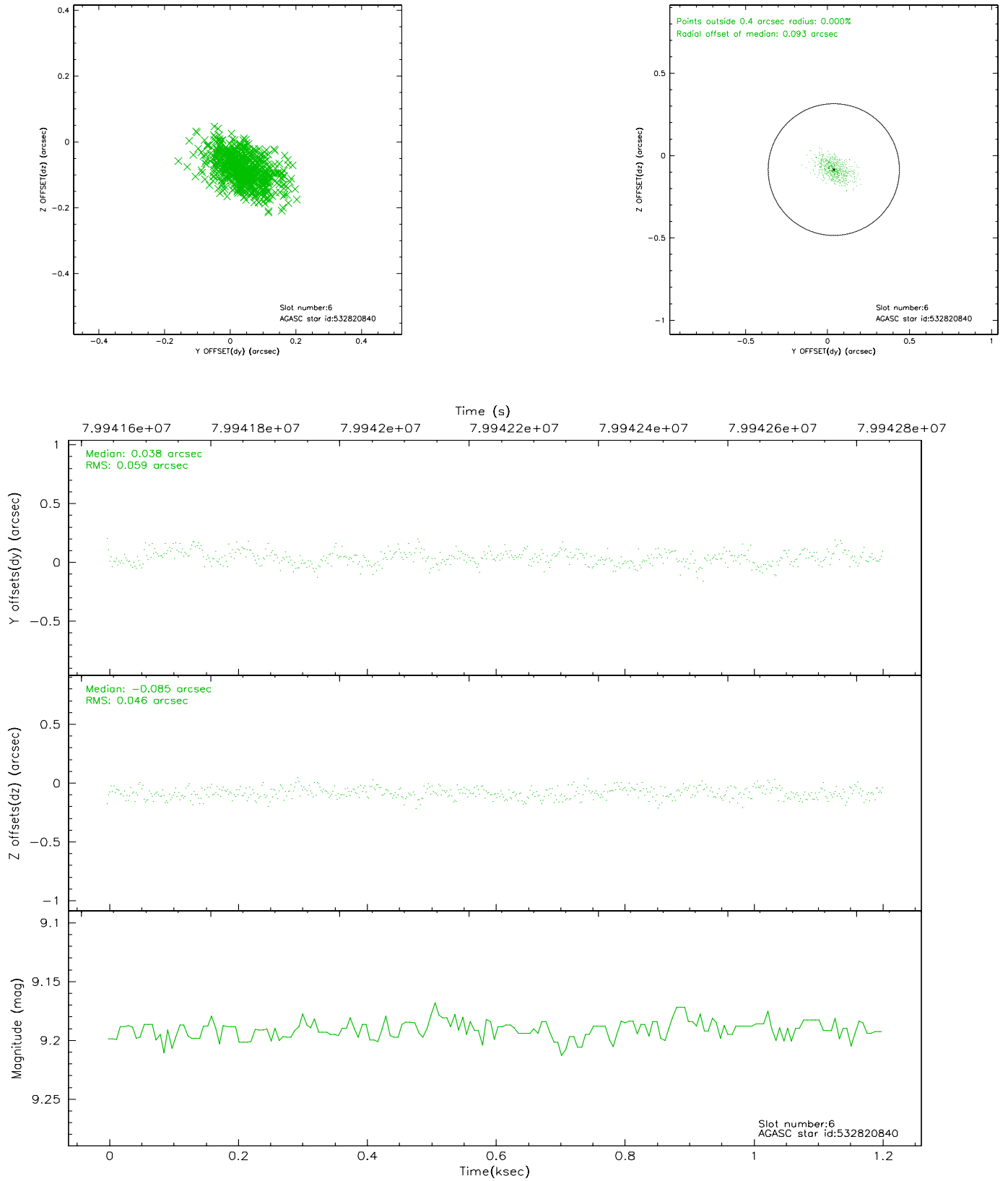
2.4.2 Slot 4



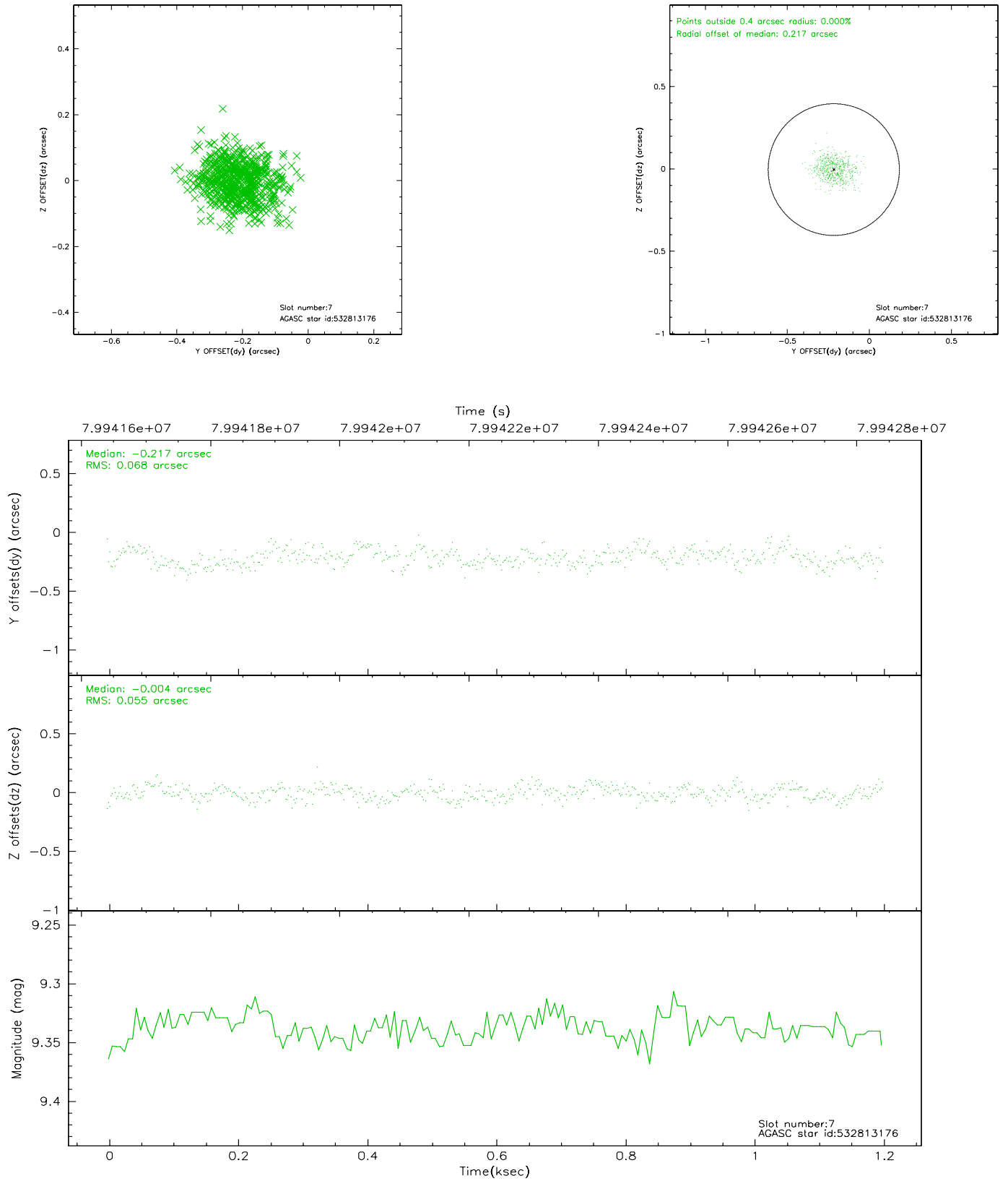
2.4.3 Slot 5



2.4.4 Slot 6

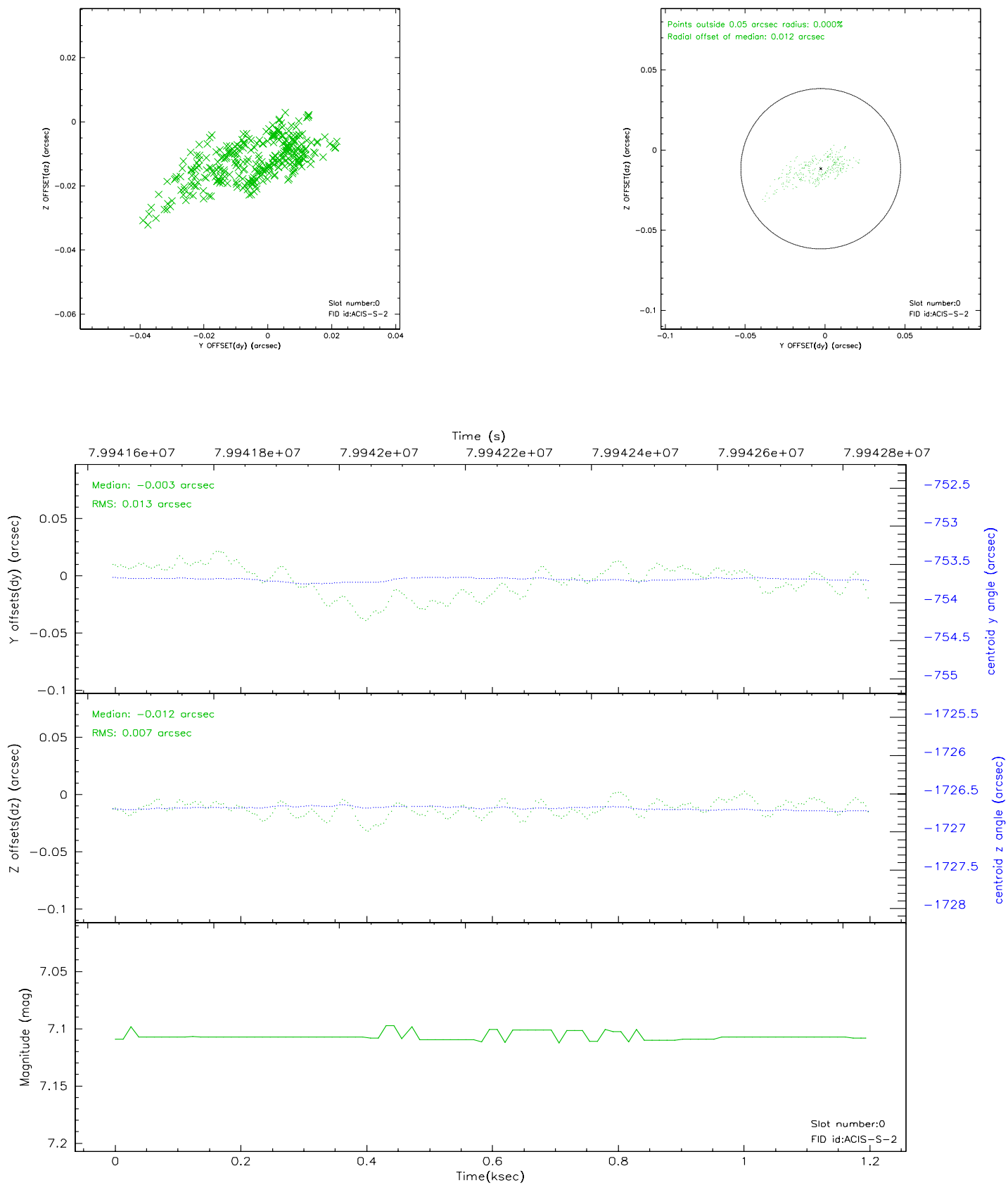


2.4.5 Slot 7

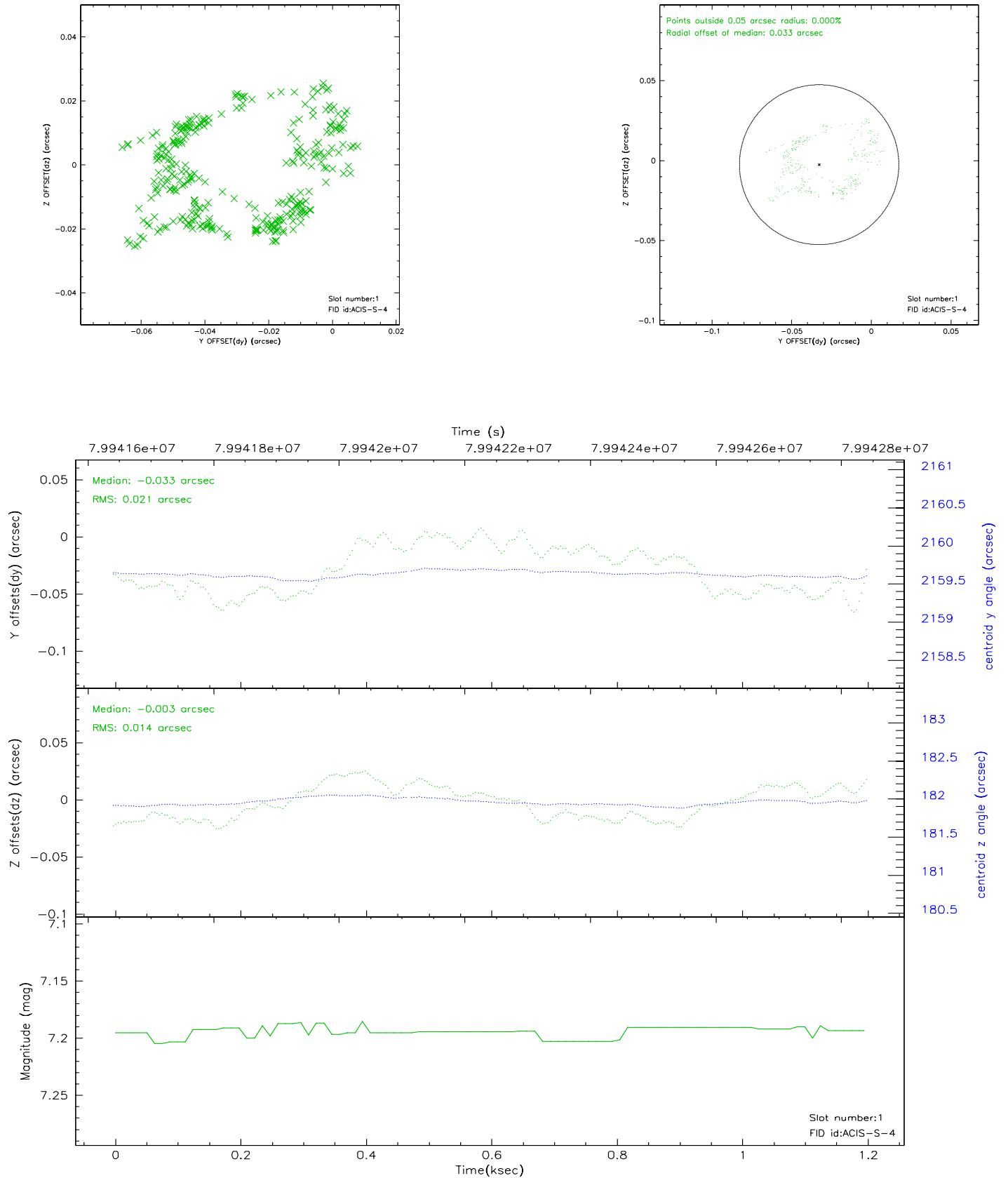


2.5 FID Slots

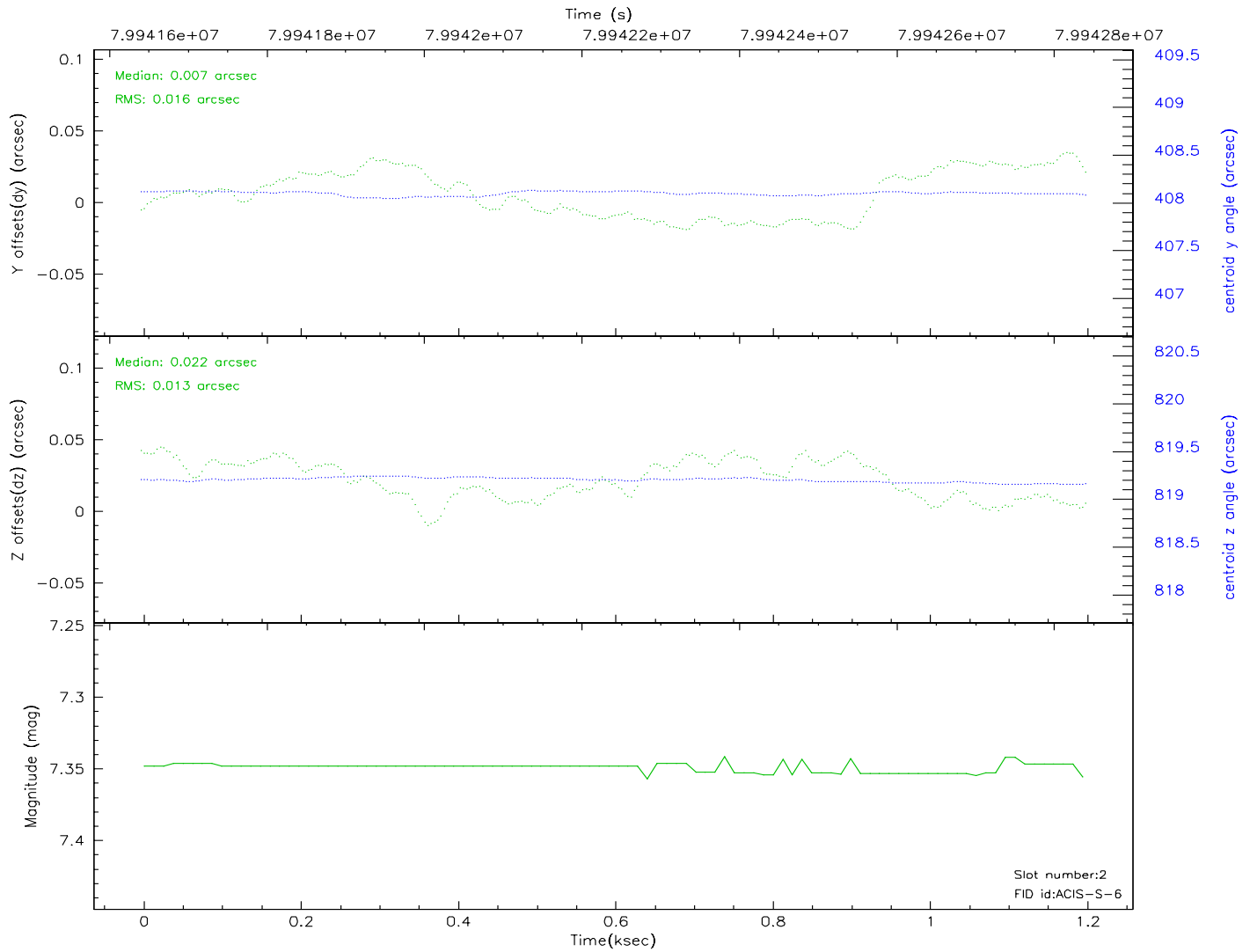
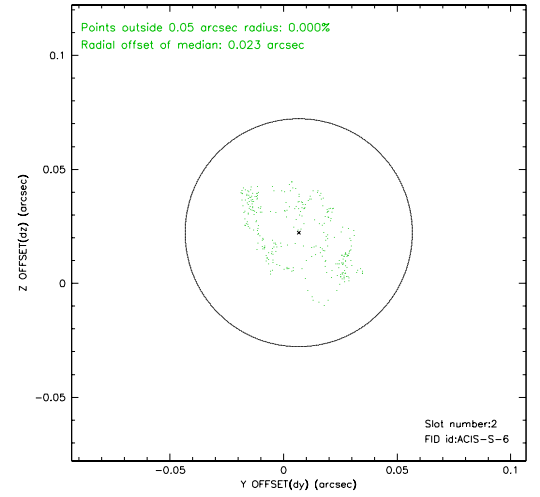
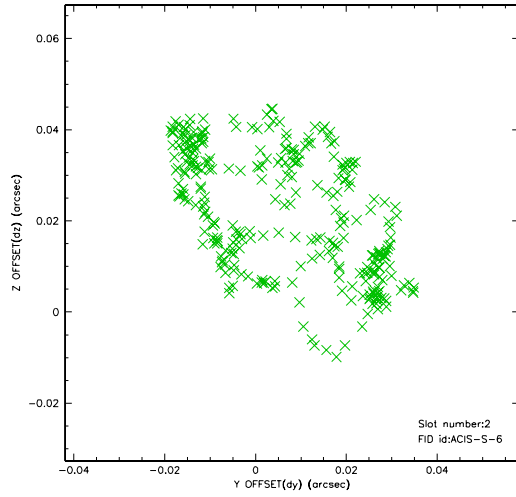
2.5.1 Slot 0



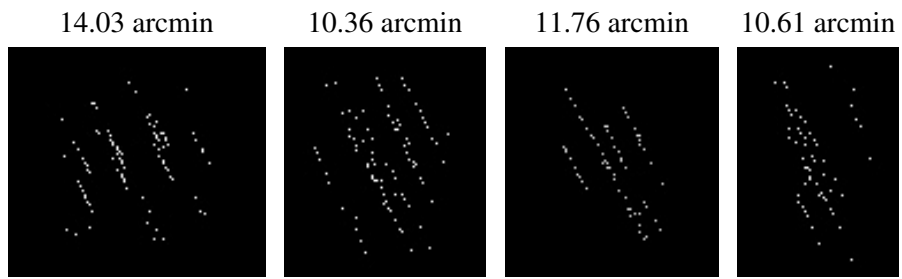
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

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

A.2 Comments