

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4314 - L2 Version 001
Chandra X-Ray Center

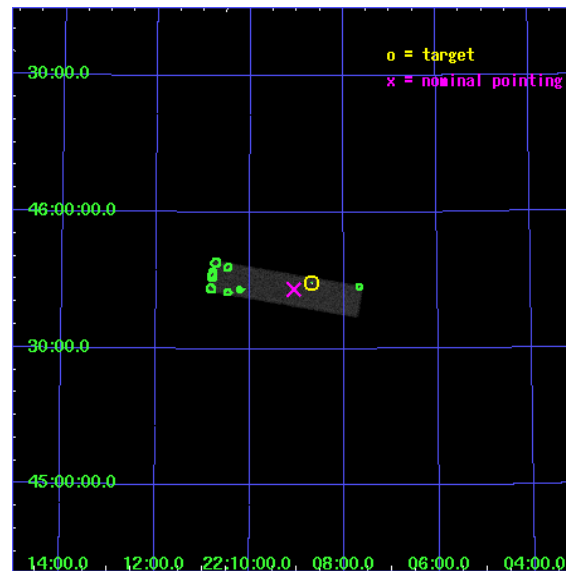
L2 Processing Date : Jul 7 2006

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1 Front

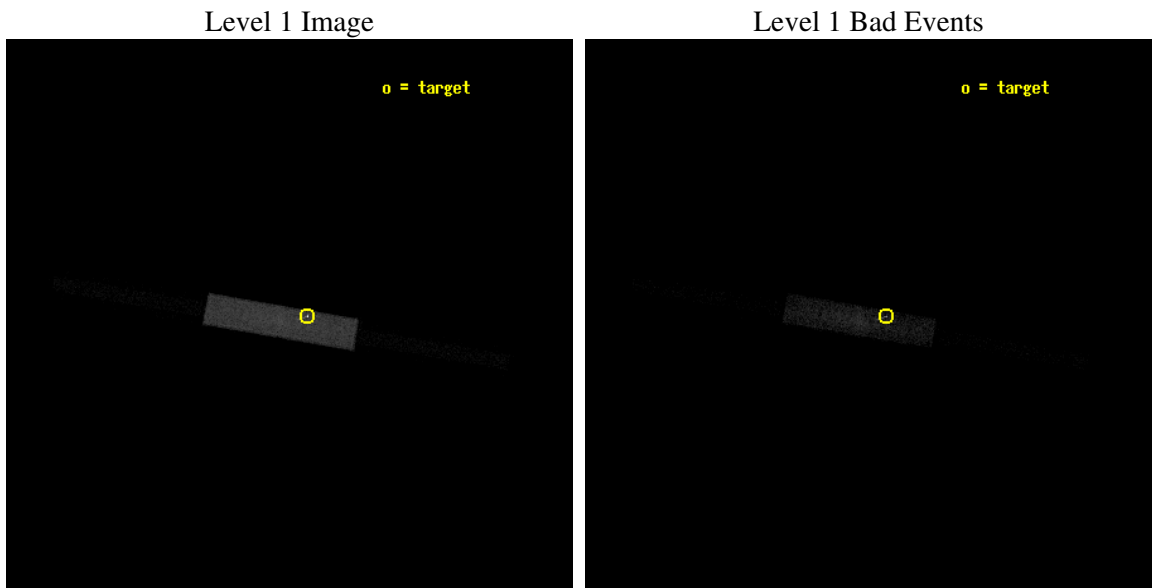
seq_num	290274
obs_id	4314
title	AO4B CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.26600043122
dec_nom	45.719246983417
roll_nom	189.65554535329
revision	2
ontime	1139.0312987268
livetime	1133.4168346035
l2events	36783



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-07T20:11:19
revision	2

sched_exp_time	1000.000000
ontime	1189.0000509322
l1events	65060

2.1.3 Events

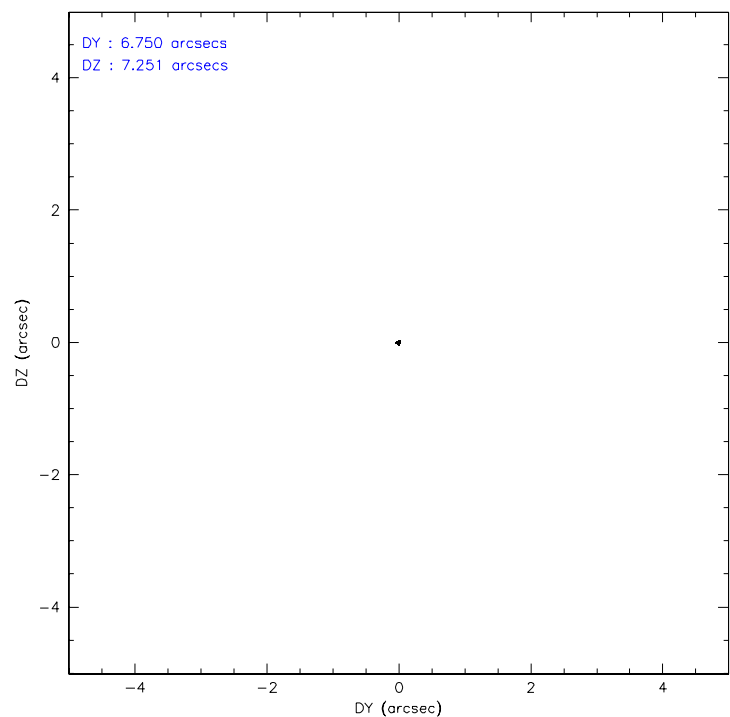
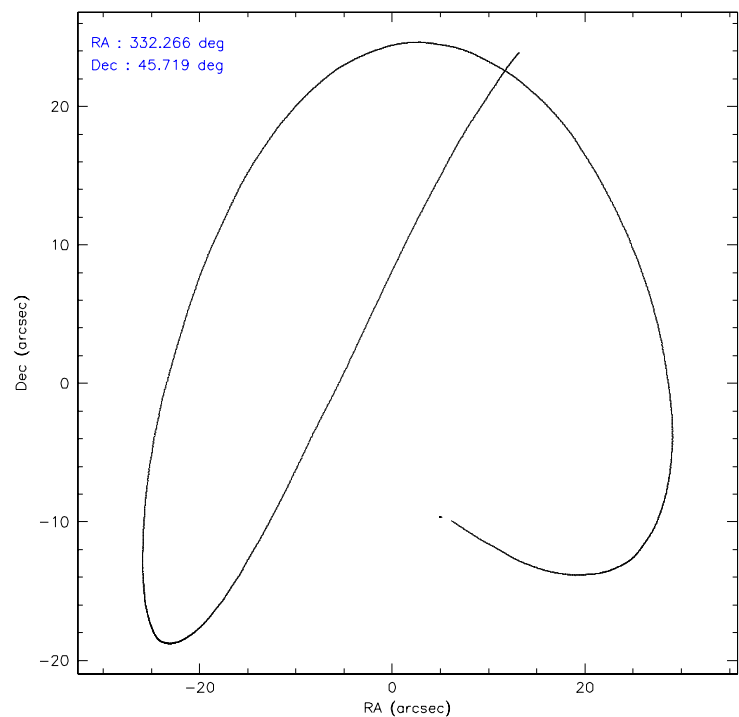
Level 1 Events

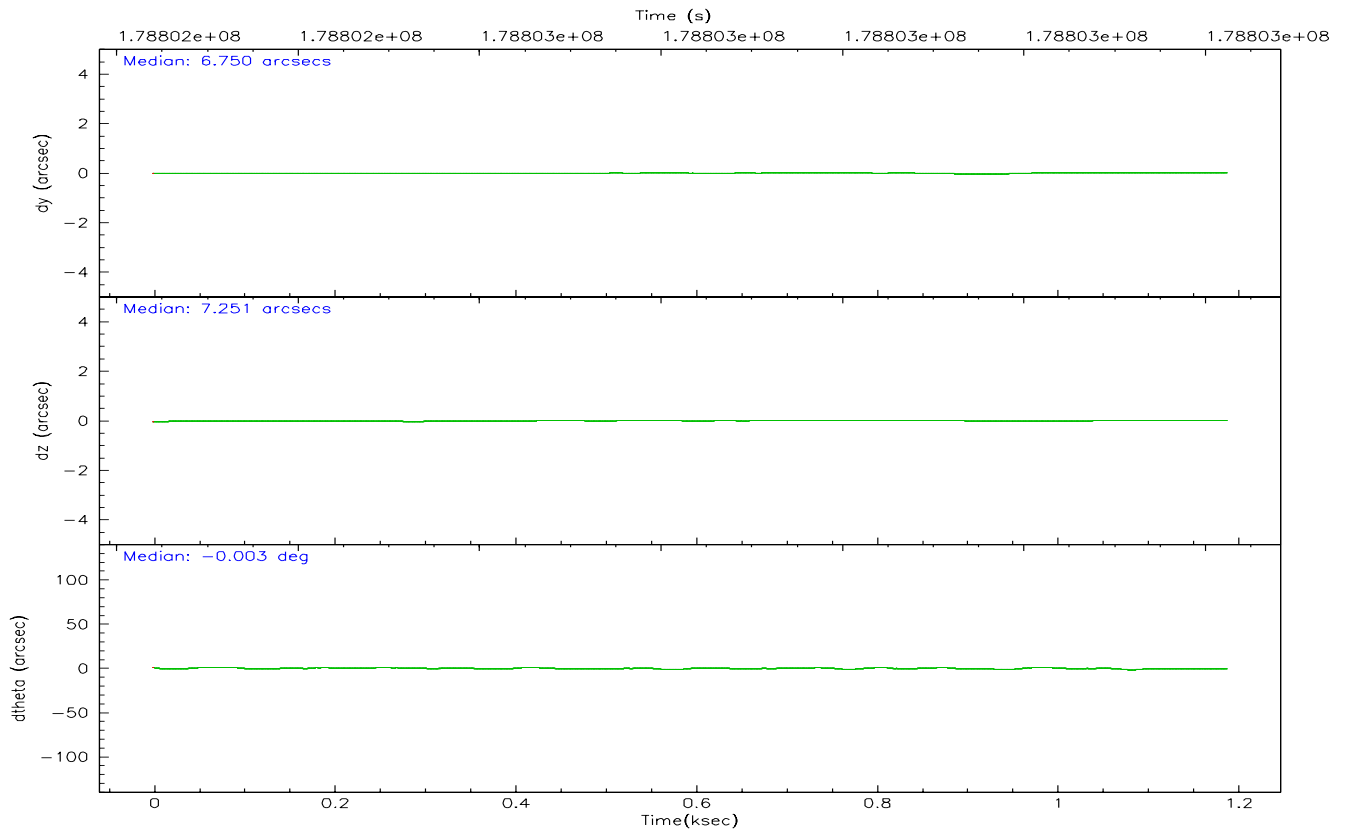
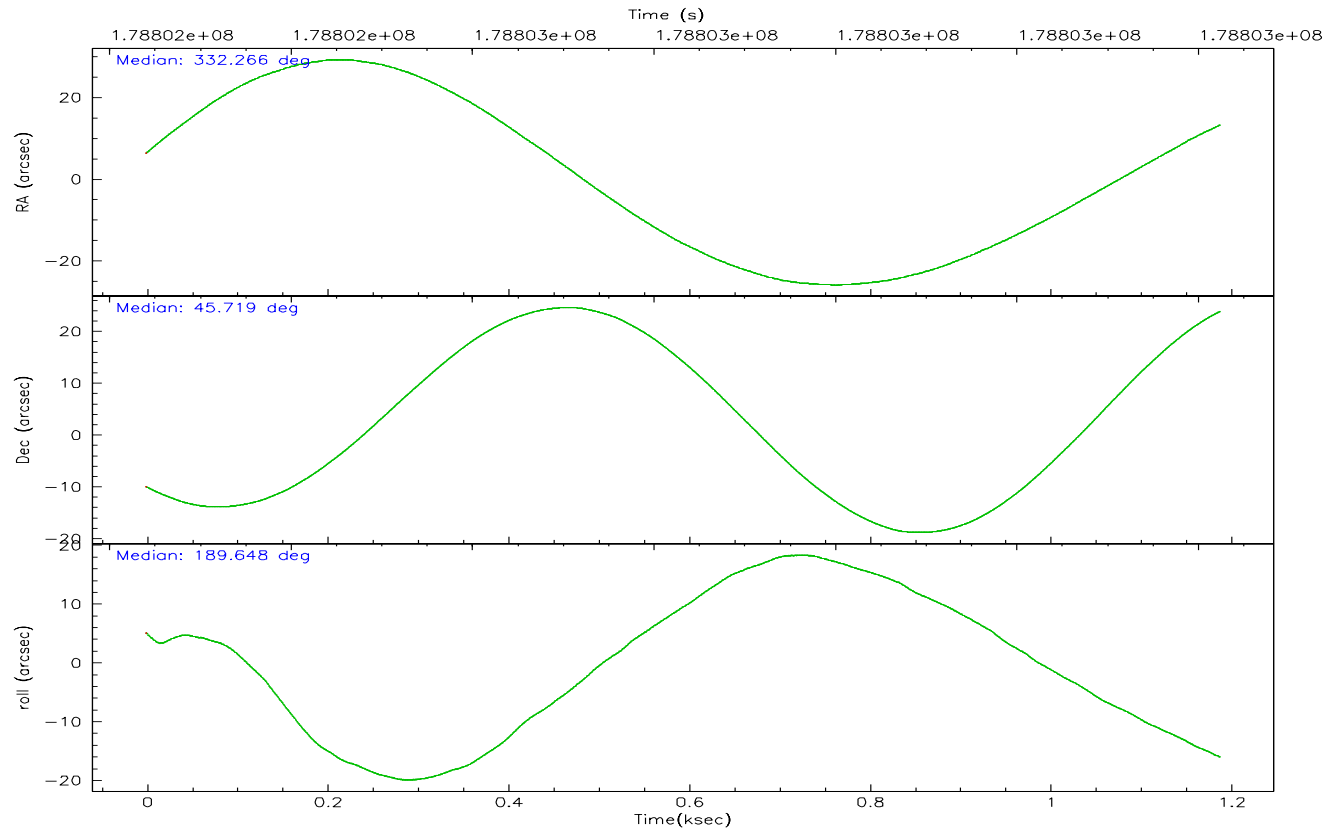
	segment 1	segment 2	segment 3
level 1 events	1074	62891	1095
rejected events	1074	23264	1095
rejected %	100%	36%	100%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	332.295725	332.2660004312215			
Pointing Dec	45.739248	45.71924698341746			
Pointing Roll	189.566855	189.6555453532895			
SIM focus pos (mm)	-1.429586	-1.428180813131781			
SIM defocus (mm)	0.1037507710433287	0.1051558262725154			
SIM translation stage pos (mm)	250.455976	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	178802428.184000	178802052.19472			
Observation start date	2003-09-01T11:19:24	2003-09-01T11:14:12			
Observation end time	178803428.184000	178803562.53228			
Observation end date	2003-09-01T11:36:04	2003-09-01T11:39:22			

2.3 Aspect



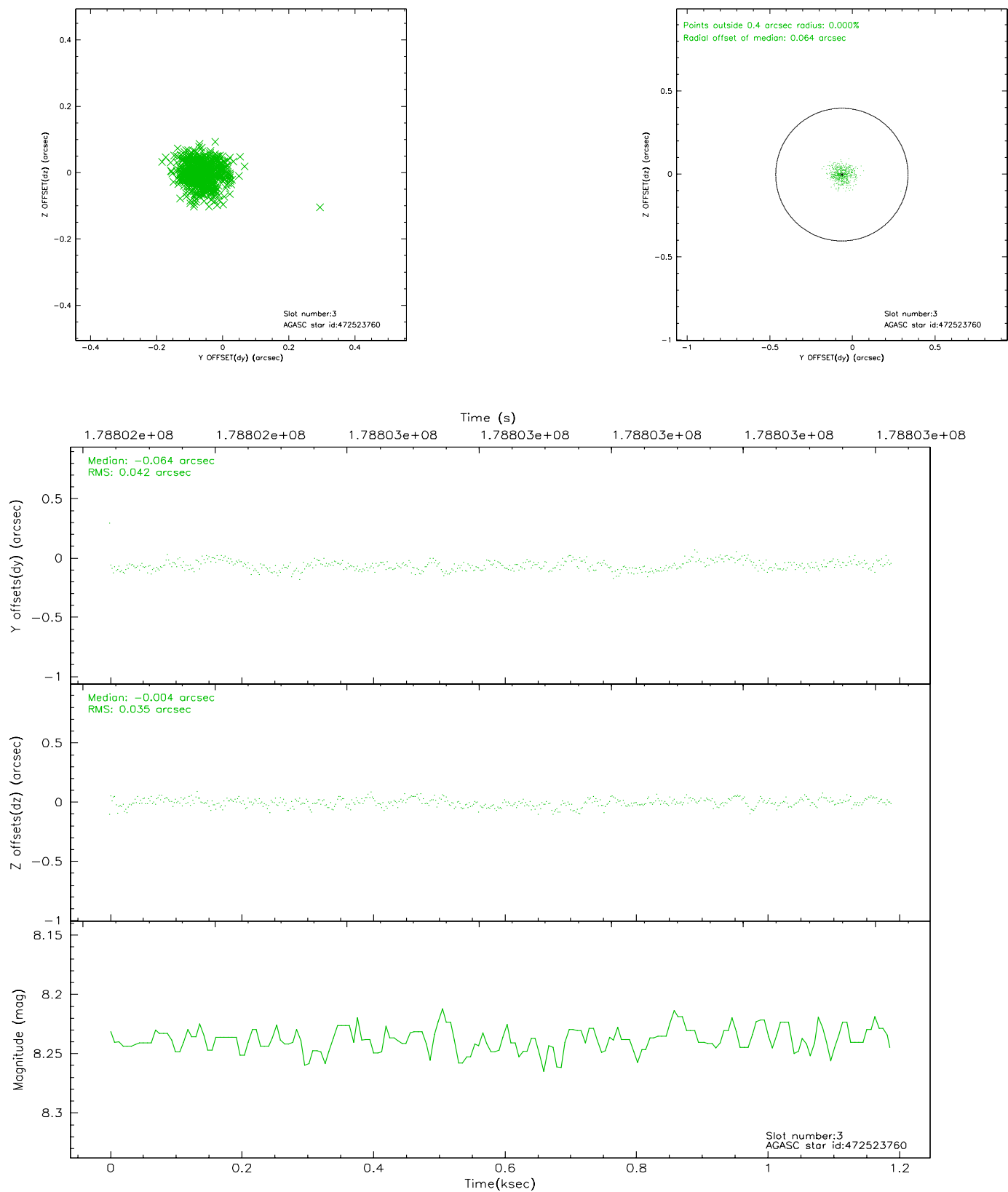


Slot Statistics

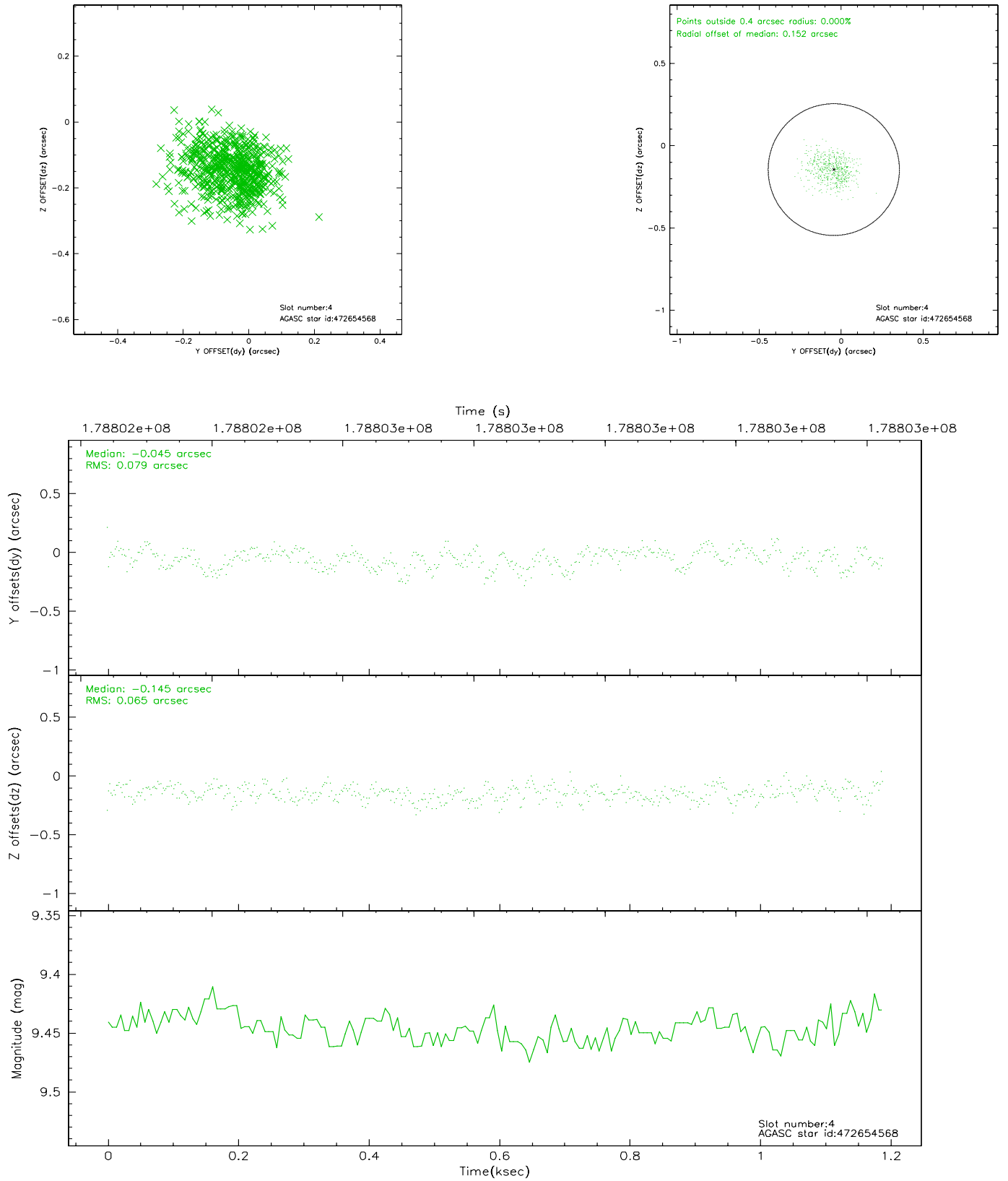
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.03	290	0.111	-0.117	0.007	0.010	0.000000	0.000000	-1160.92	-455.81
1	FID	HRC-S-2	7.03	288	0.157	-0.104	0.005	0.009	0.000000	0.000000	1234.78	-450.02
2	FID	HRC-S-3	7.05	289	0.122	-0.081	0.007	0.012	0.000000	0.000000	-1159.36	572.20
3	GUIDE	472523760	8.24	578	-0.064	-0.004	0.057	0.091	331.645363	45.403260	1821.82	910.77
4	GUIDE	472654568	9.45	578	-0.045	-0.145	0.107	0.181	332.194449	45.063576	662.03	2354.69
5	GUIDE	472655152	9.45	578	0.135	0.059	0.094	0.157	332.504239	45.862991	-587.25	-351.45
6	GUIDE	472659832	9.46	578	0.014	0.063	0.108	0.178	332.780399	46.098139	-1408.23	-1079.80
7	GUIDE	472533912	9.16	577	-0.023	0.037	0.117	0.191	331.791136	46.368695	857.69	-2450.95

2.4 Star Slots

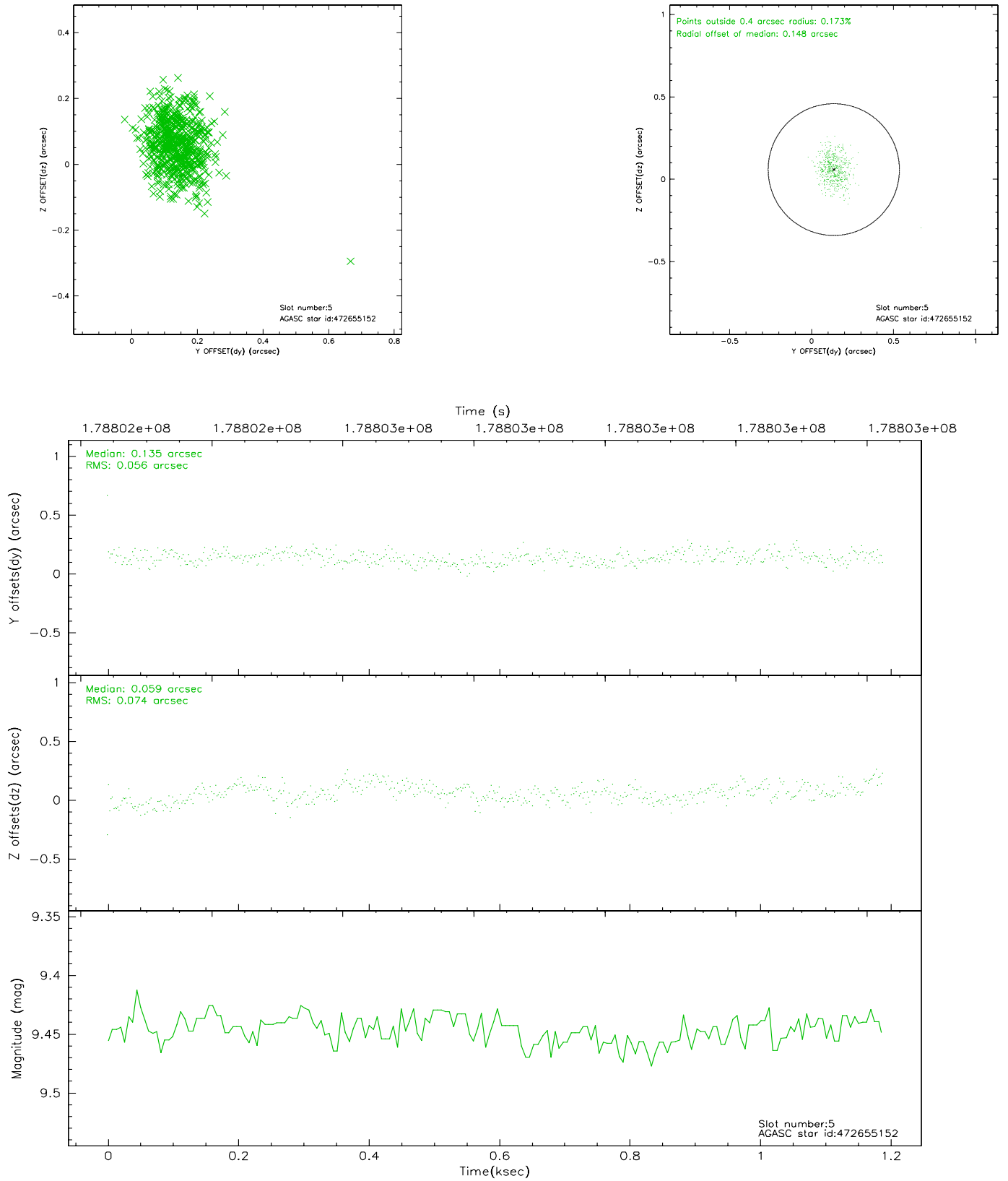
2.4.1 Slot 3



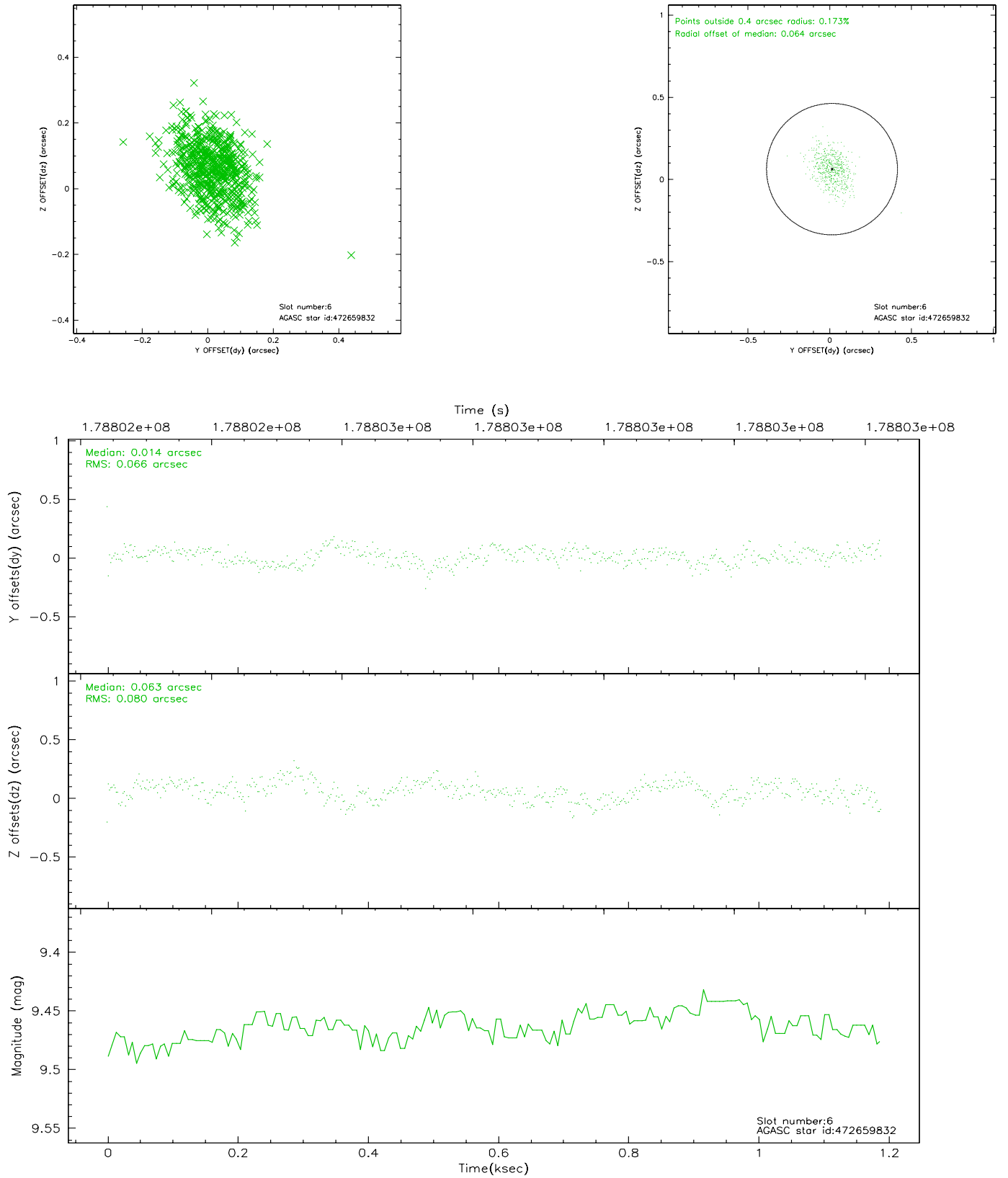
2.4.2 Slot 4



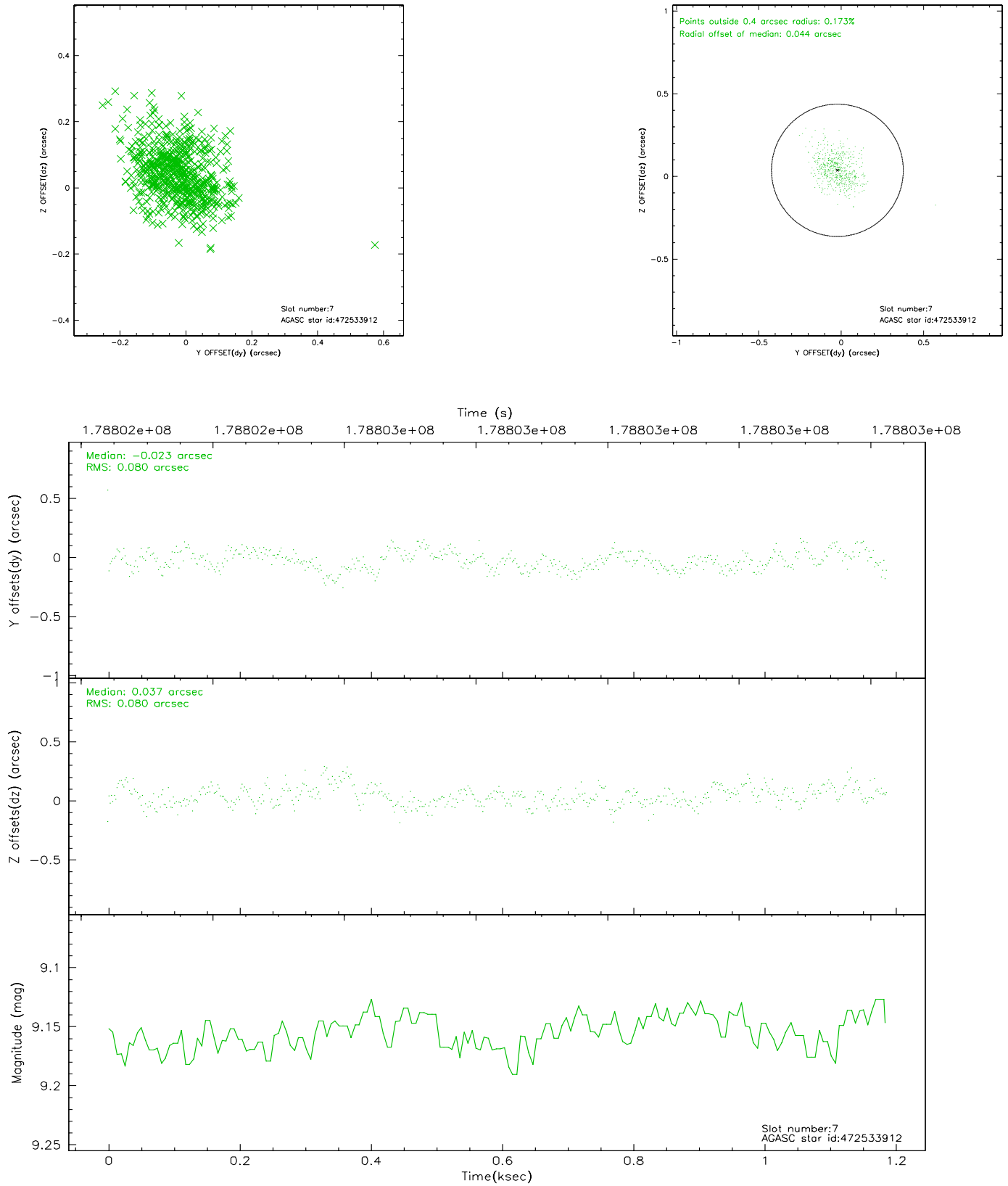
2.4.3 Slot 5



2.4.4 Slot 6

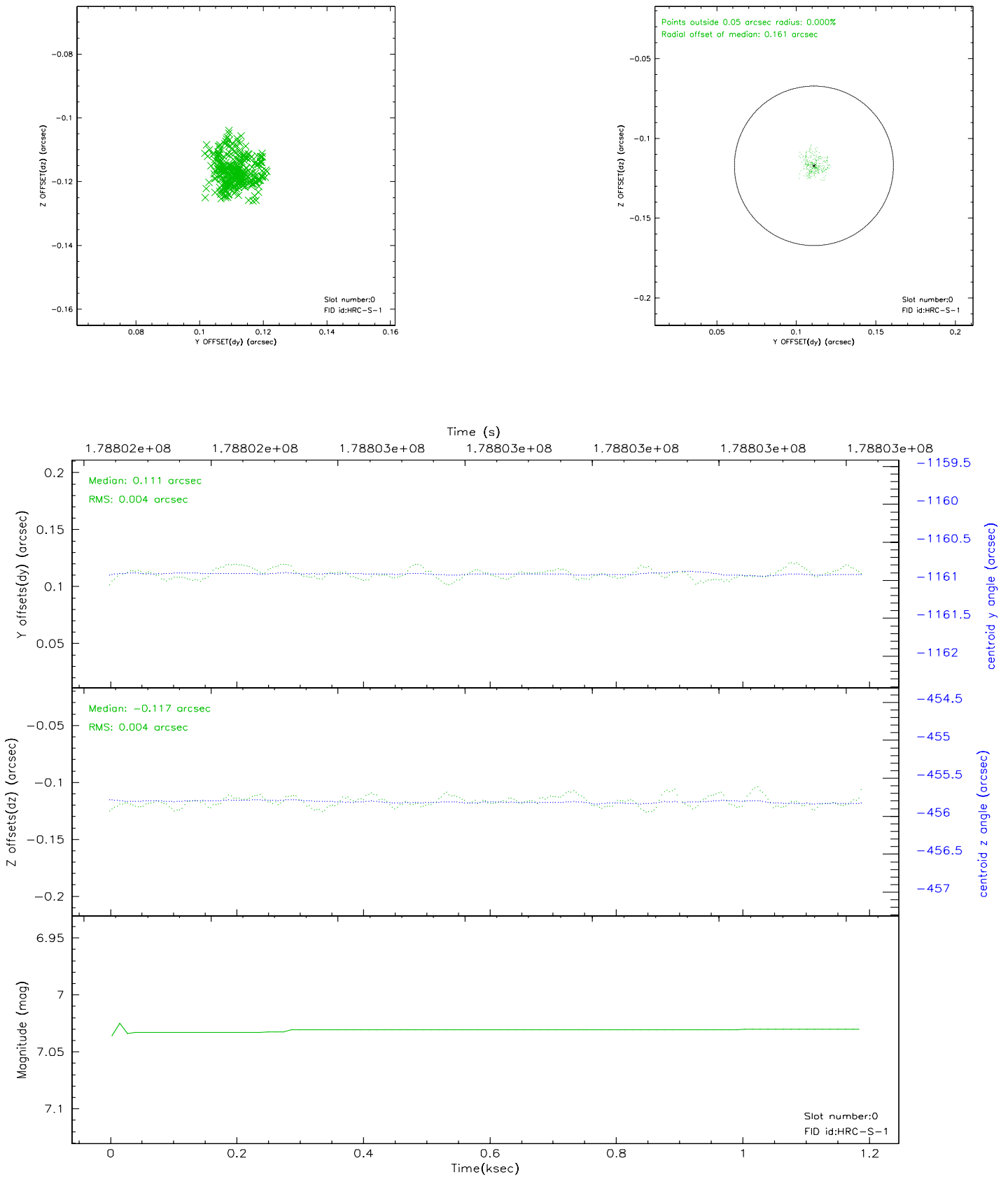


2.4.5 Slot 7

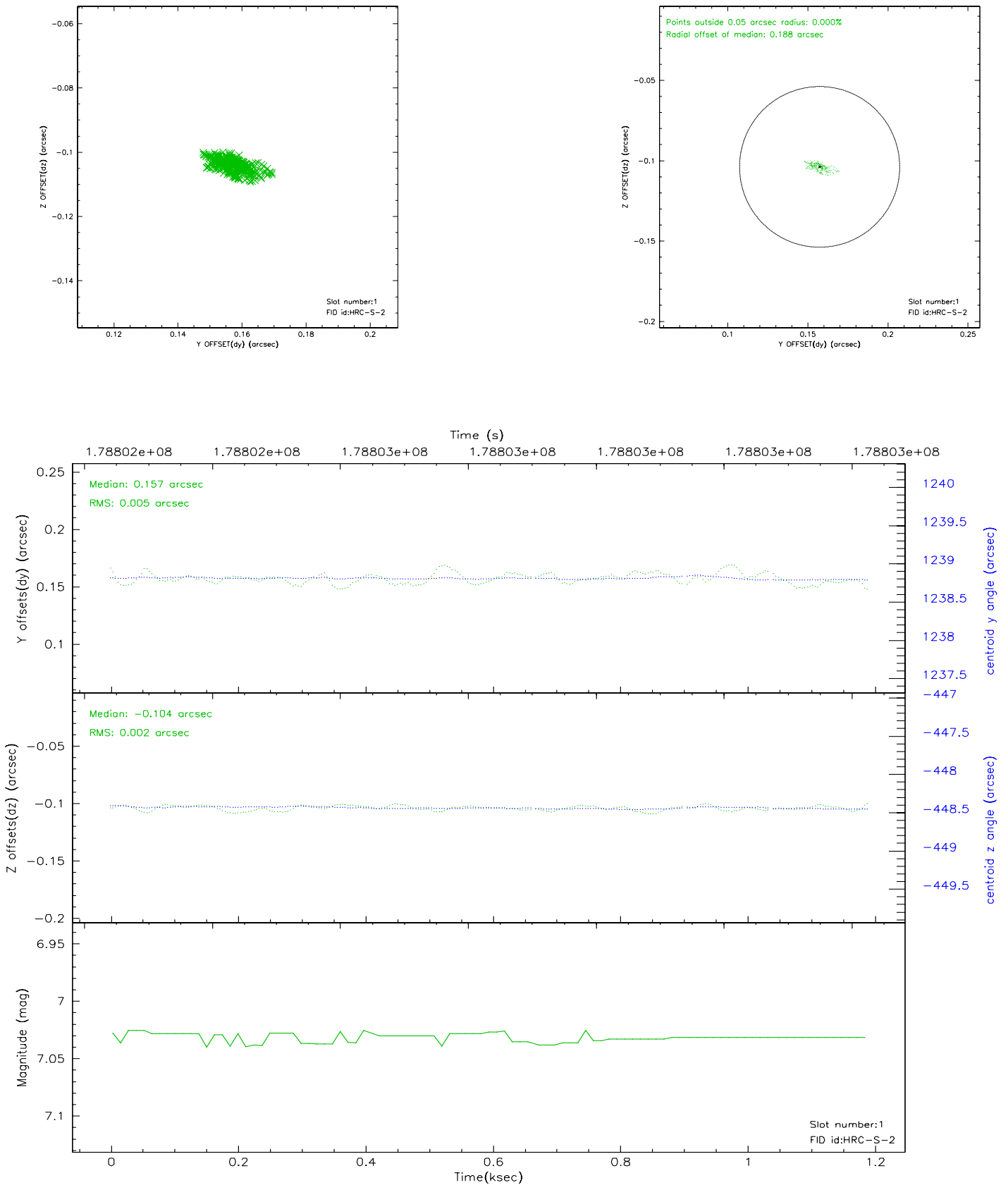


2.5 FID Slots

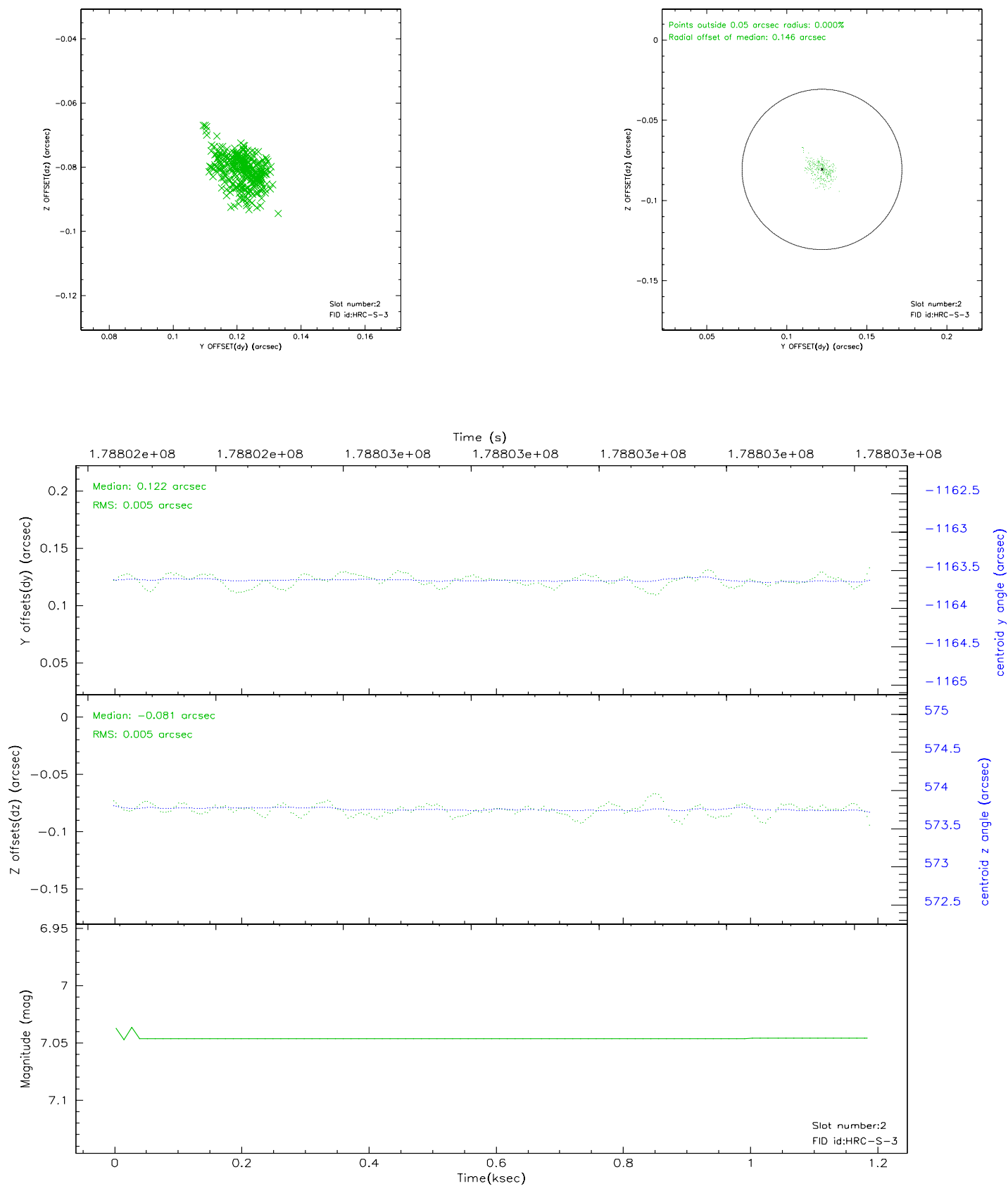
2.5.1 Slot 0



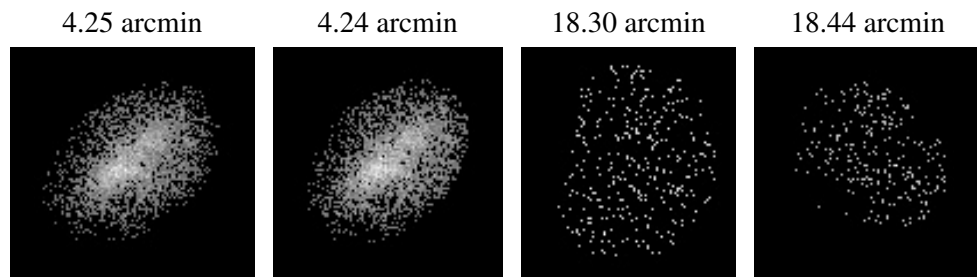
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.139

A.2 Comments

Monitor constraint met.