

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 5057 - L2 Version 001
Chandra X-Ray Center

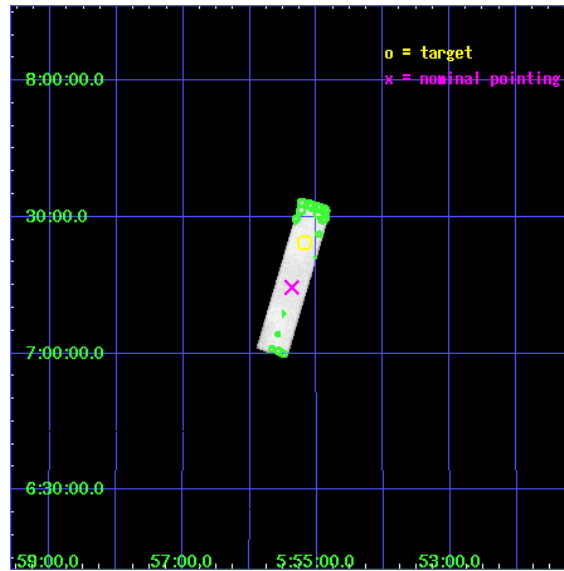
L2 Processing Date : Jun 4 2006

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1 Front

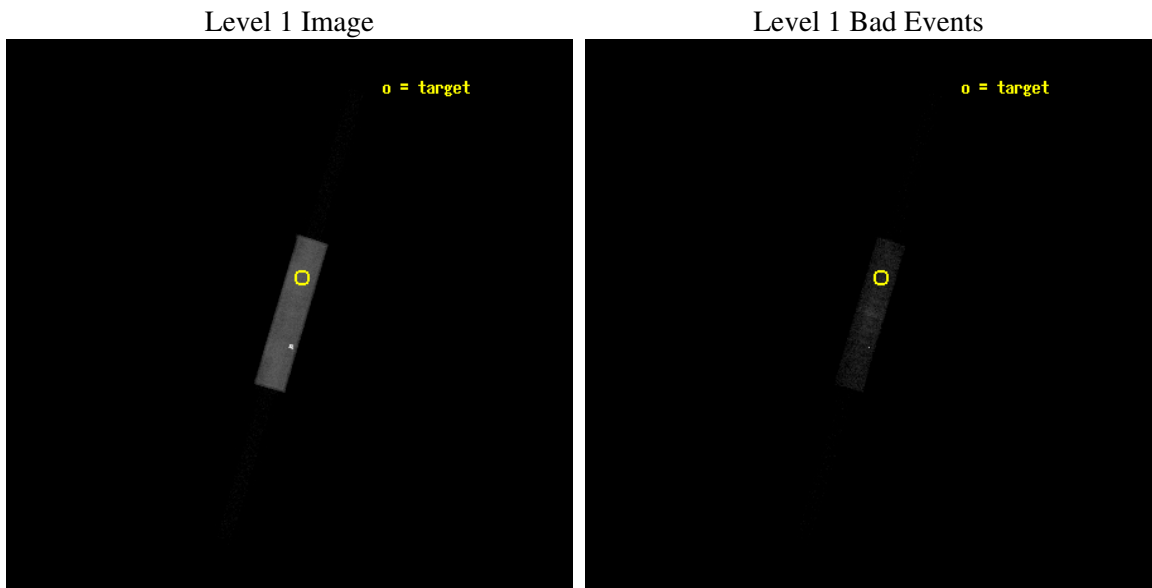
seq_num	290330
obs_id	5057
title	AO5 Measurements of the optical/UV Transmission of the HRC and ACIS Filters.
observer	Dr. CXC Calibration
object	Betelgeuse
ra_targ	88.792917
dec_targ	7.407056
ra_nom	88.842074347942
dec_nom	7.2426190352828
roll_nom	286.60229877154
revision	2
ontime	2243.9813480675
livetime	2220.2919172886
l2events	123049



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.2
date	2006-06-04T06:27:20
revision	2

sched_exp_time	2102.000000
ontime	2291.9001001716
l1events	191200

2.1.3 Events

Level 1 Events

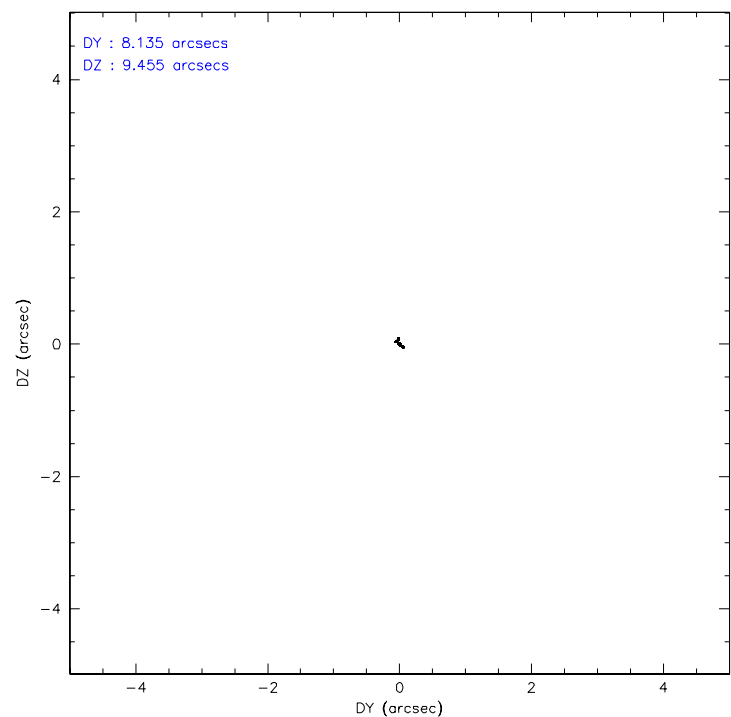
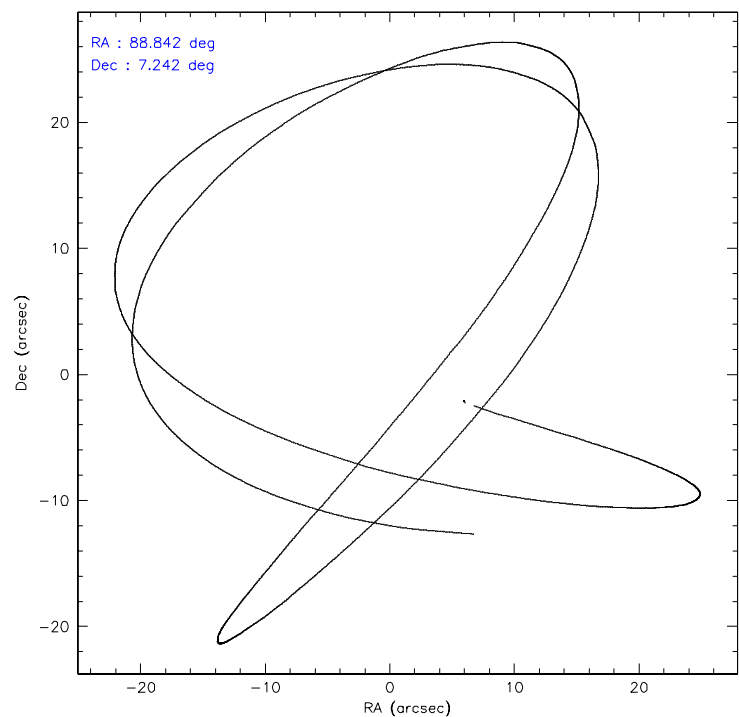
	segment 1	segment 2	segment 3
level 1 events	1086	189060	1054
rejected events	1086	33825	1054
rejected %	100%	17%	100%

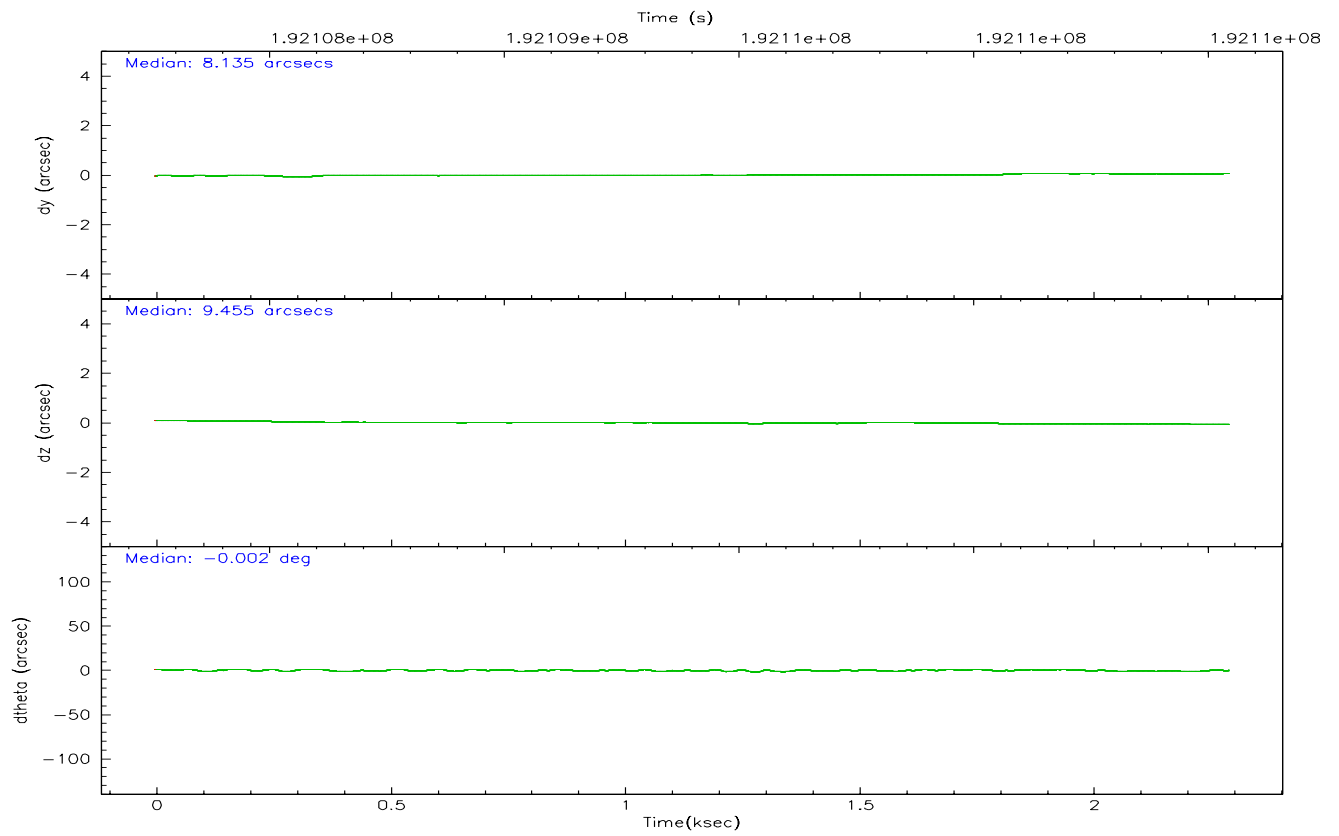
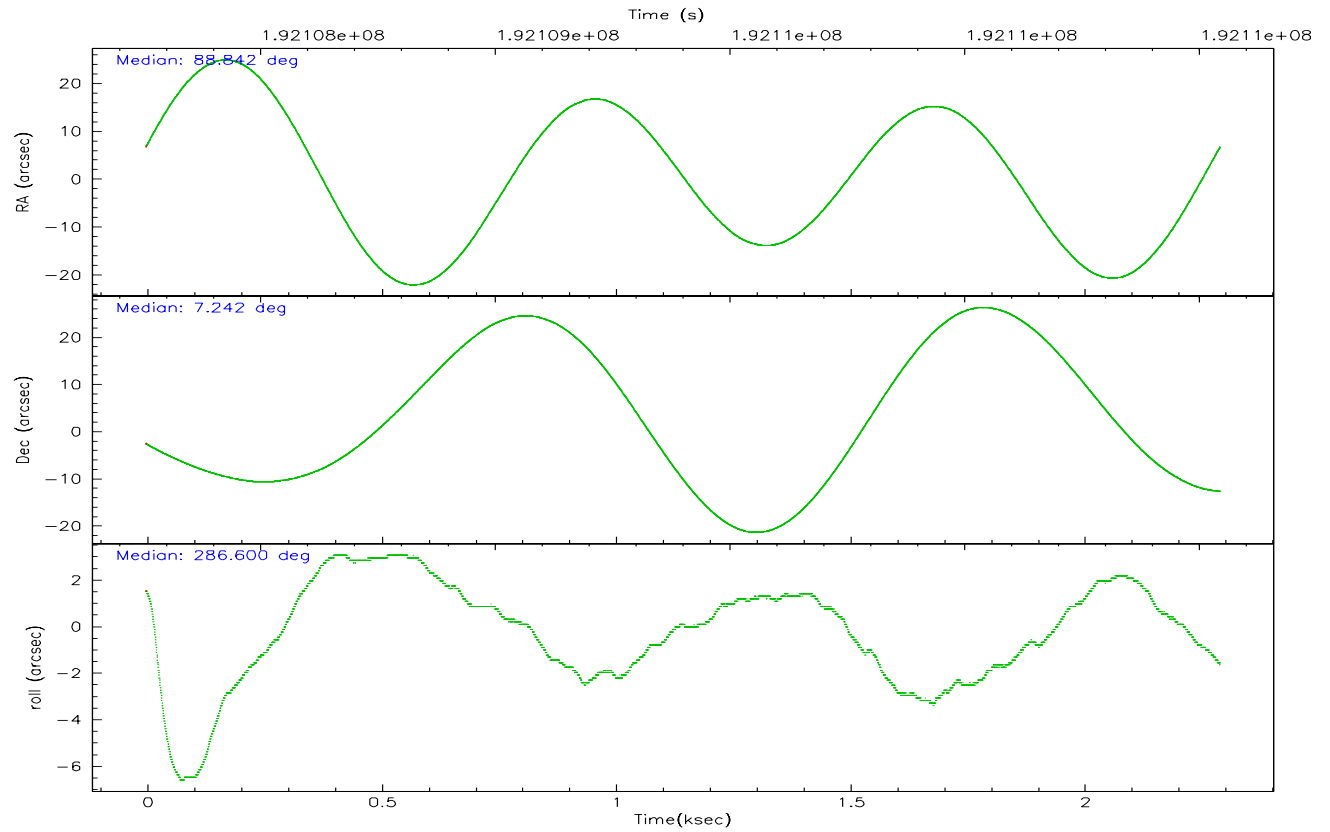
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	88.820063	88.8420743479424
Pointing Dec	7.261364	7.242619035282758
Pointing Roll	286.537725	286.6022987715431
Window start time	191980864.184000	191980864.184000
Window stop time	197078464.184000	197078464.184000
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	192108443.184000	192108066.69527
Observation start date	2004-02-02T11:26:19	2004-02-02T11:21:06
Observation end time	192110545.184000	192110678.39539
Observation end date	2004-02-02T12:01:21	2004-02-02T12:04:38

Parameter	Planned	Actual
Obspar format version number	6	6
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



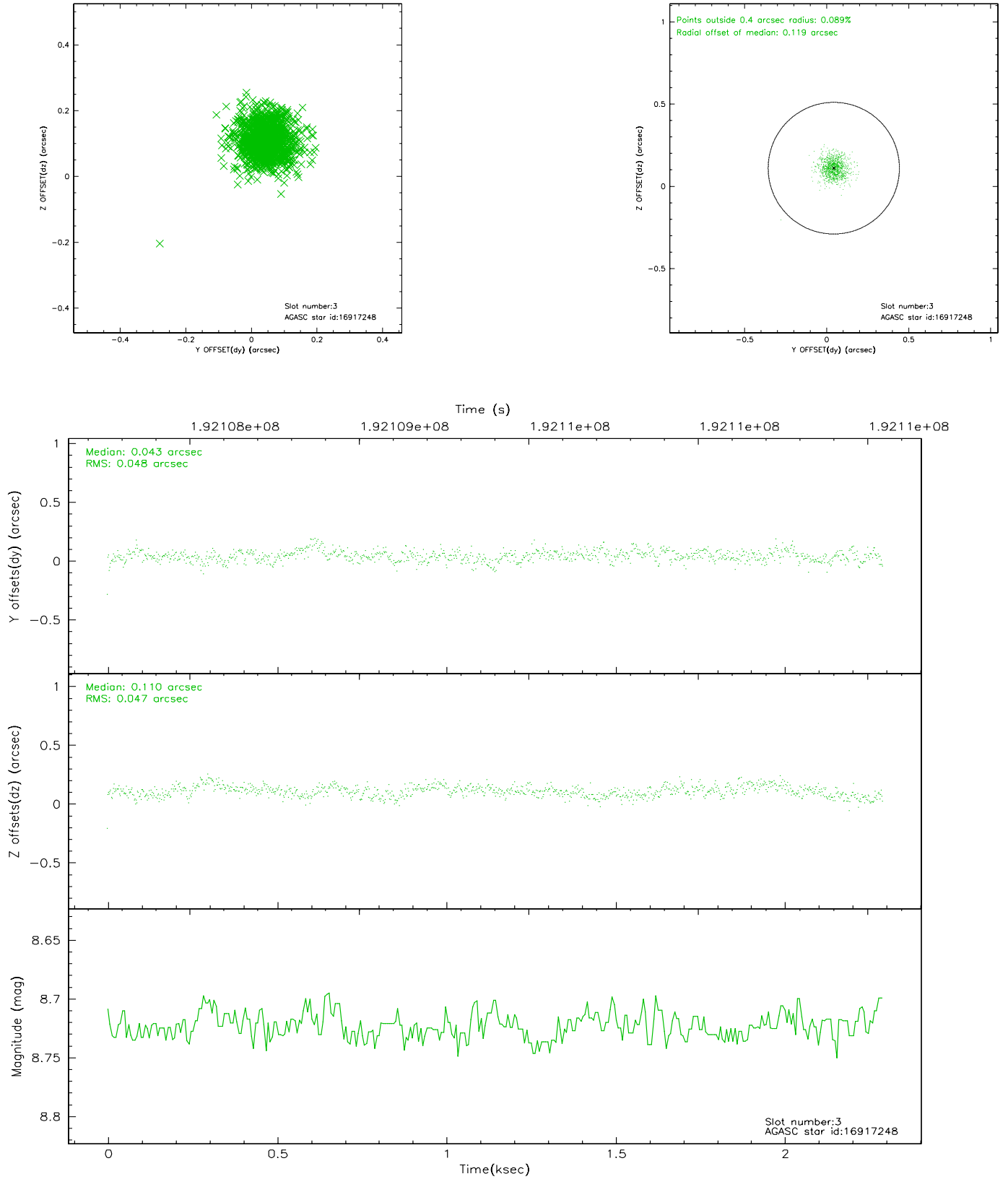


Slot Statistics

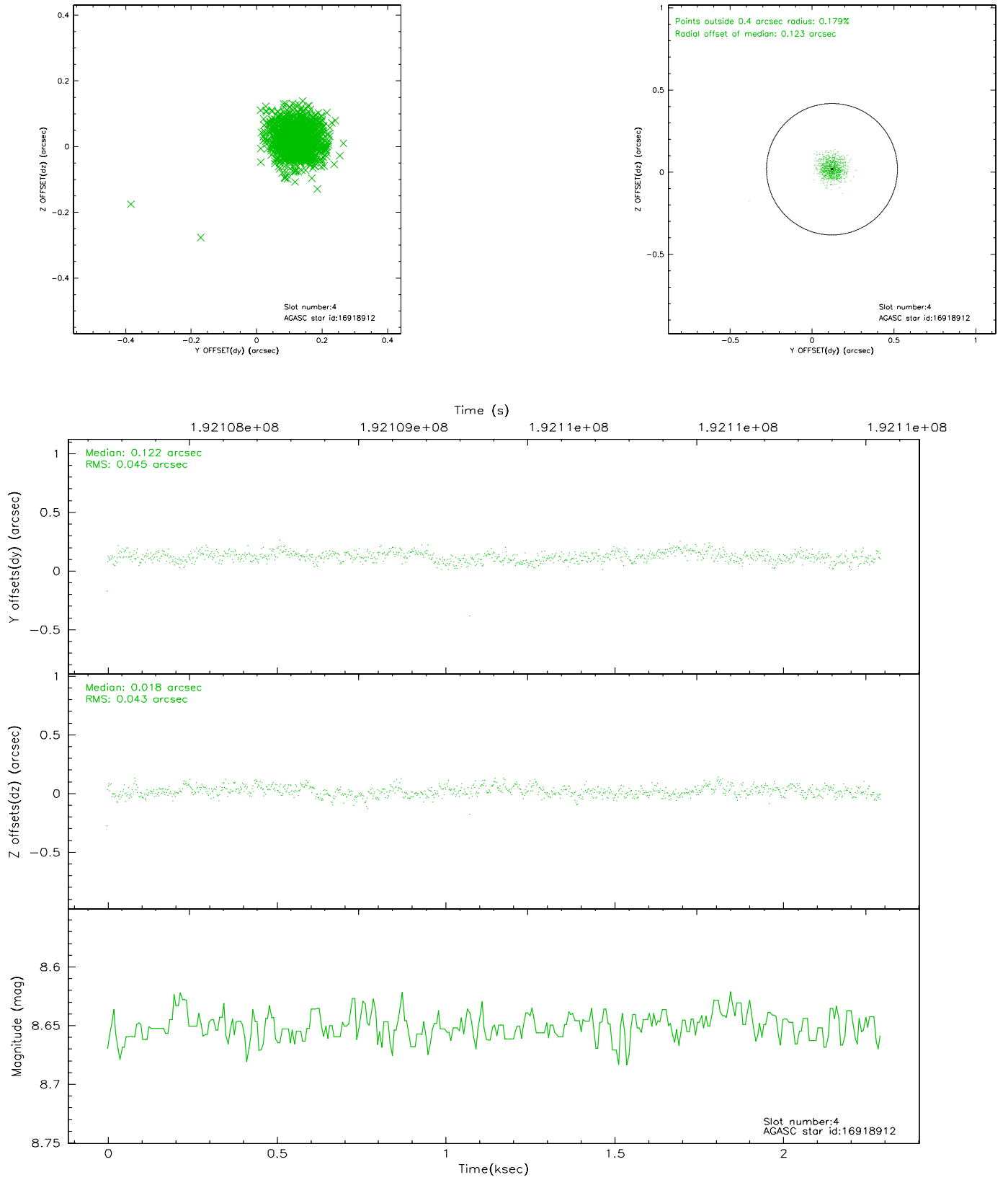
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.09	560	0.164	-0.209	0.007	0.011	0.000000	0.000000	-1162.30	-458.15
1	FID	HRC-S-2	7.08	560	0.127	-0.114	0.005	0.009	0.000000	0.000000	1235.27	-451.56
2	FID	HRC-S-3	7.08	560	0.099	0.021	0.006	0.011	0.000000	0.000000	-1162.86	570.80
3	GUIDE	16917248	8.72	1118	0.043	0.110	0.069	0.115	89.306967	6.774731	2173.59	1170.49
4	GUIDE	16918912	8.65	1116	0.122	0.018	0.063	0.101	89.257075	6.922287	1615.68	1151.10
5	GUIDE	93854800	7.57	1119	-0.145	-0.098	0.062	0.100	88.376308	7.655454	-1810.35	-1112.92
6	GUIDE	93855160	8.49	1119	-0.072	0.027	0.064	0.101	88.514904	7.713359	-1872.17	-581.37
7	GUIDE	16910592	8.98	1117	0.046	-0.054	0.069	0.114	88.532936	6.726769	1550.50	-1532.30

2.4 Star Slots

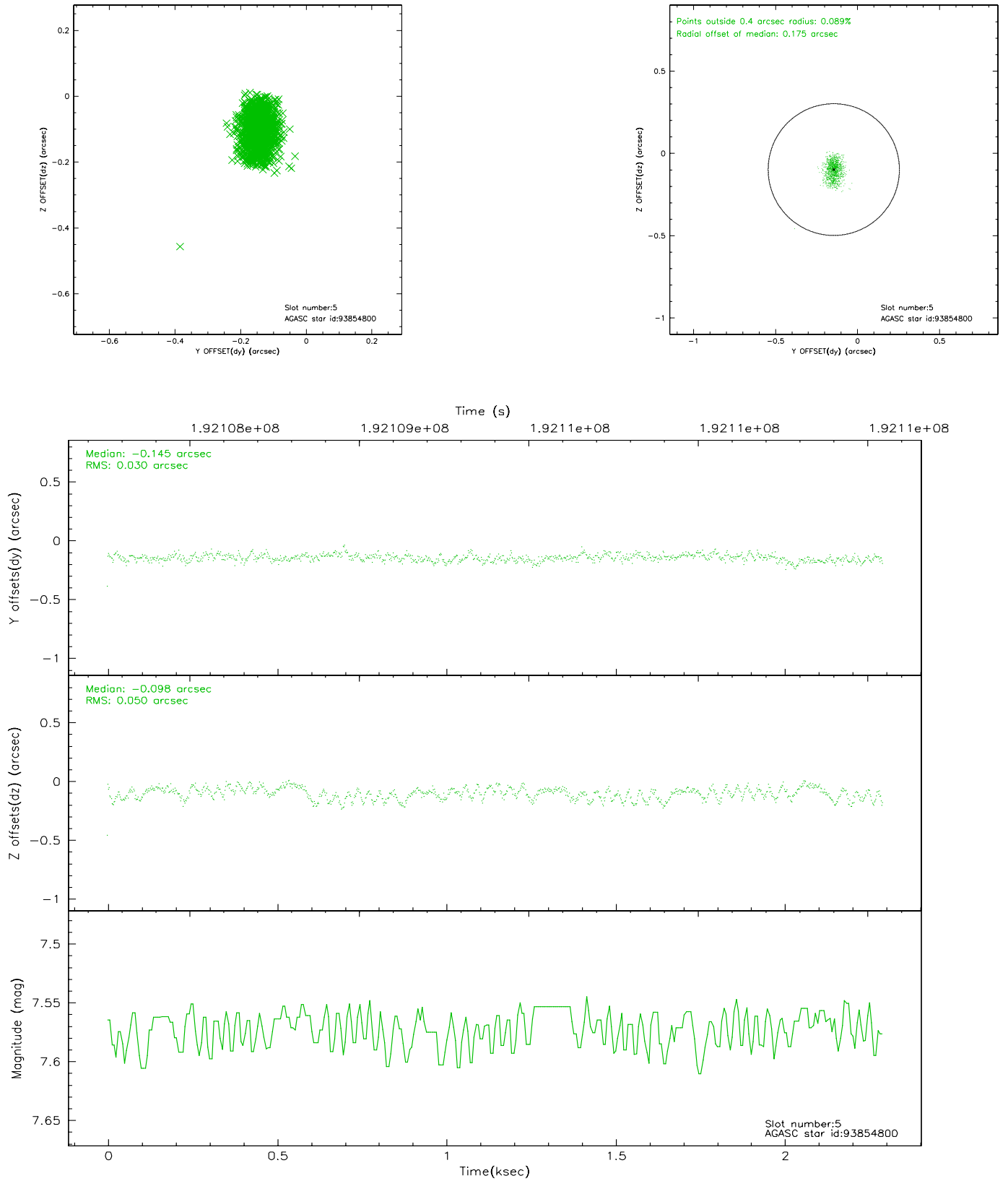
2.4.1 Slot 3



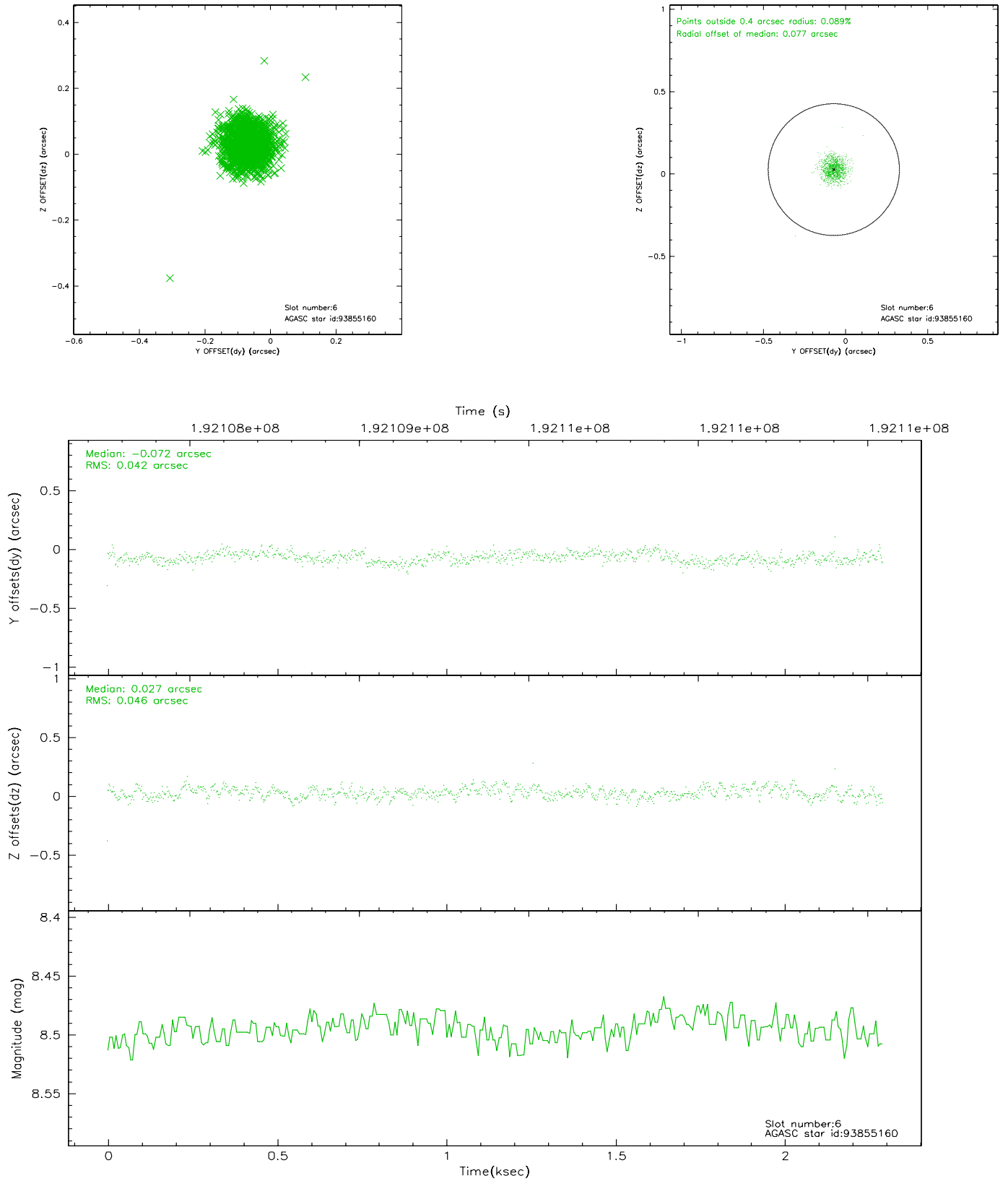
2.4.2 Slot 4



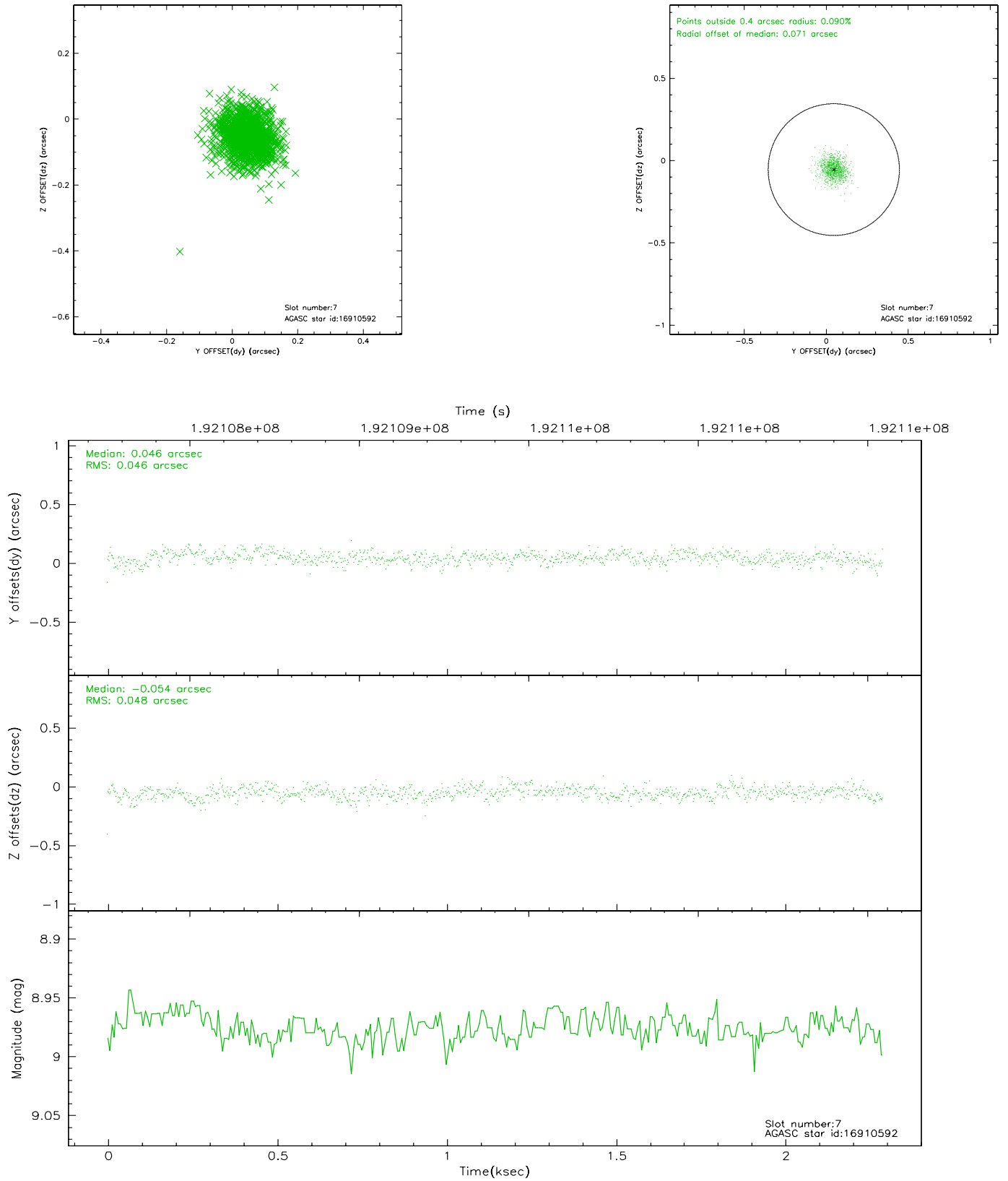
2.4.3 Slot 5



2.4.4 Slot 6

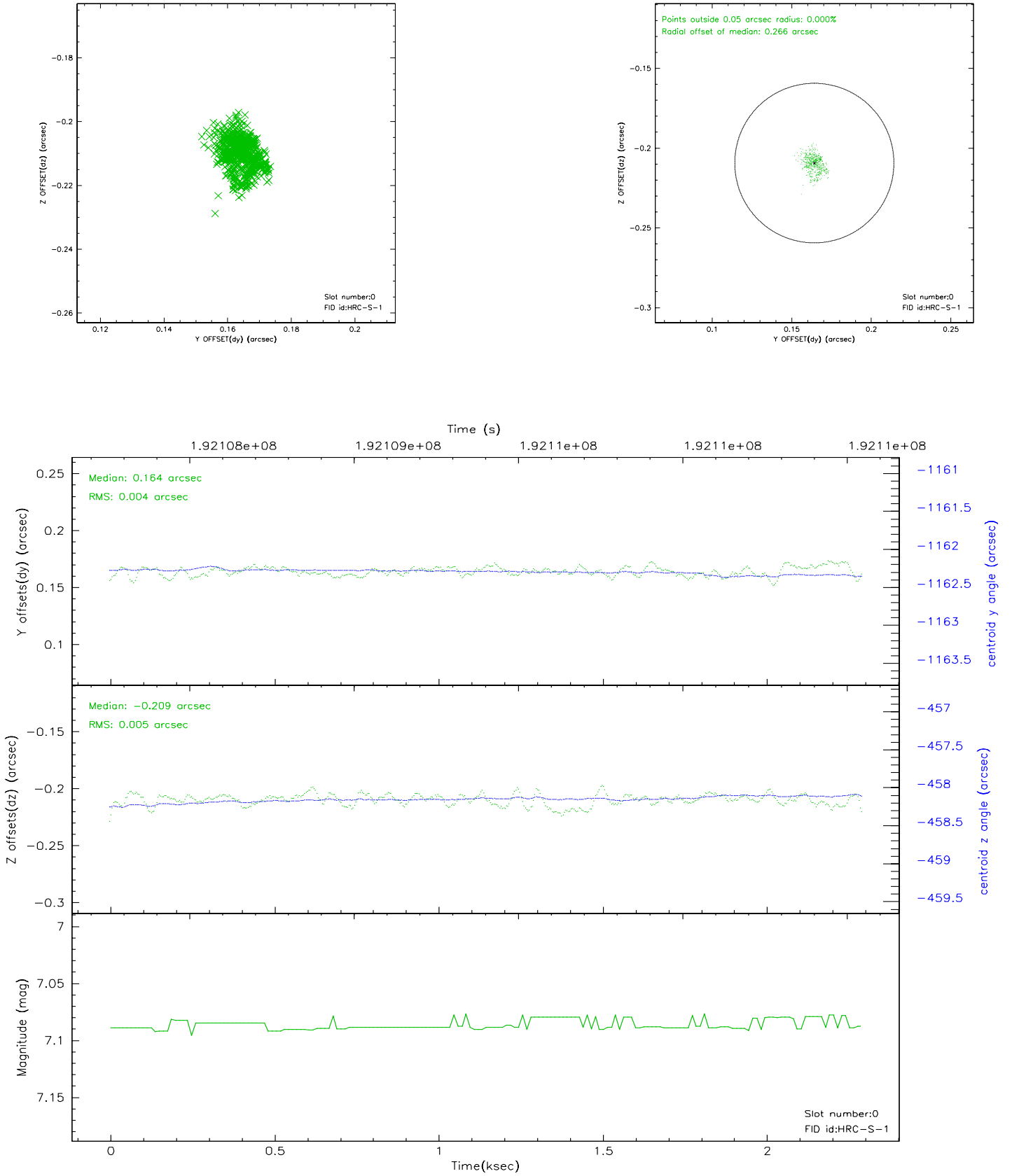


2.4.5 Slot 7

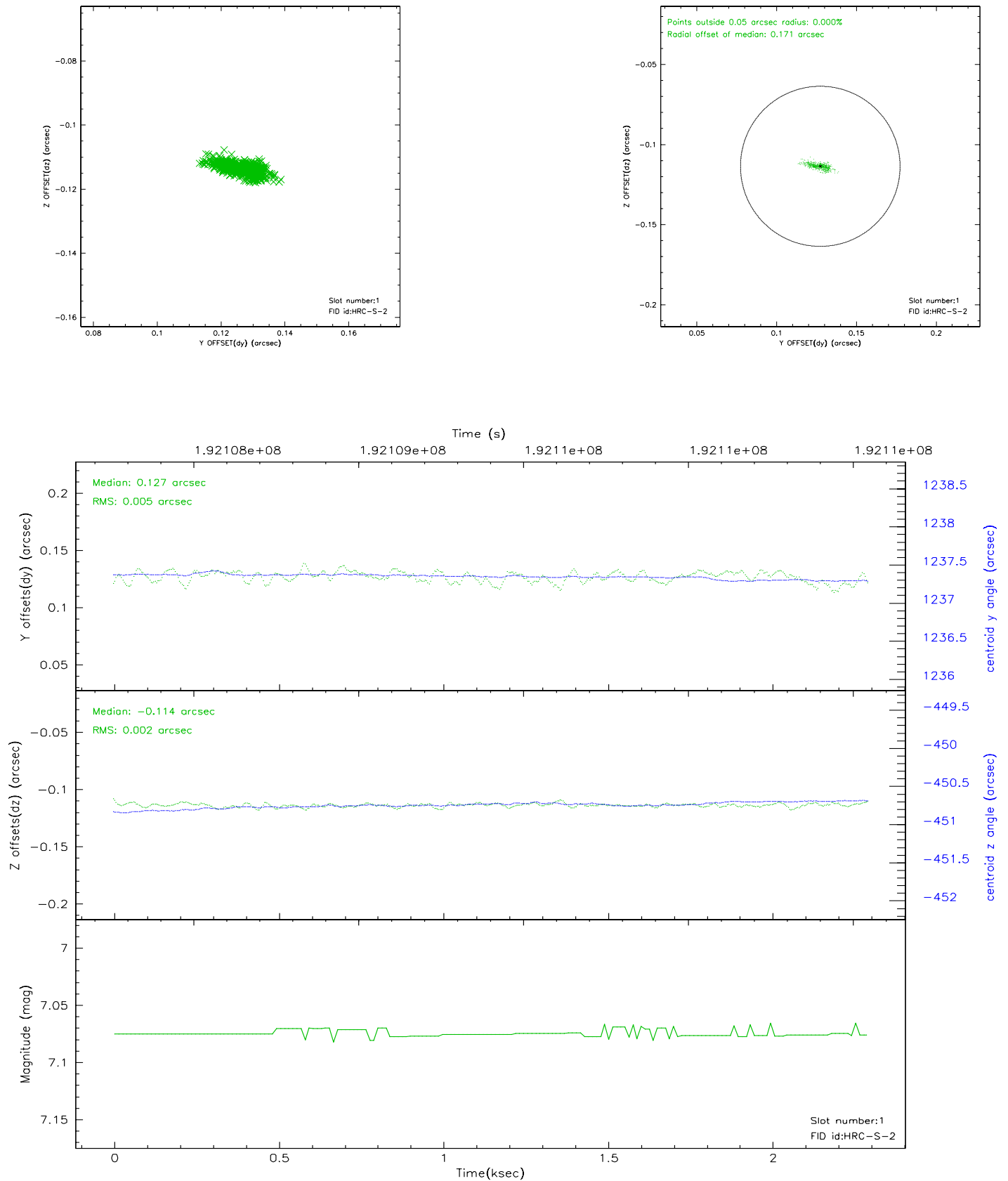


2.5 FID Slots

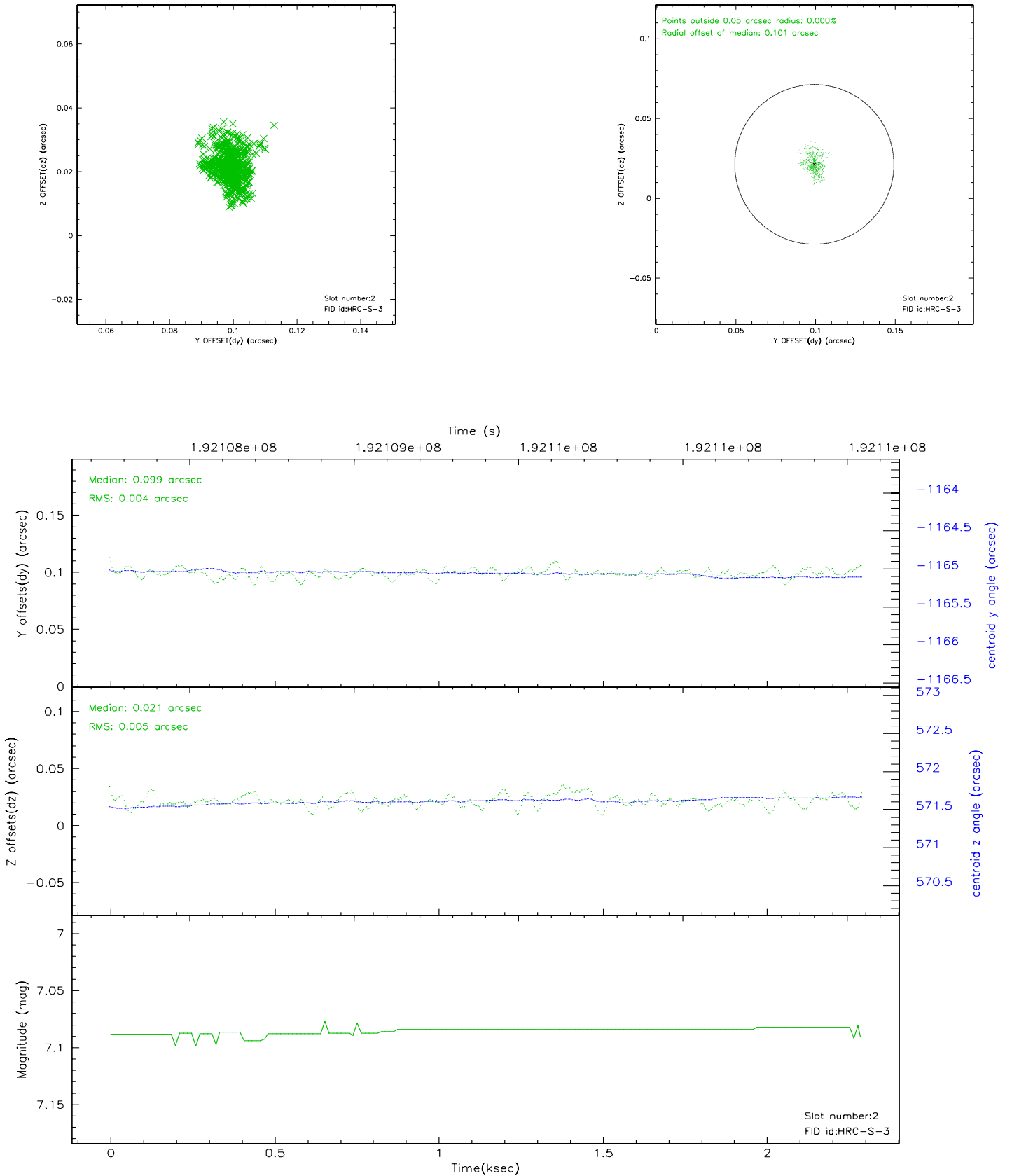
2.5.1 Slot 0



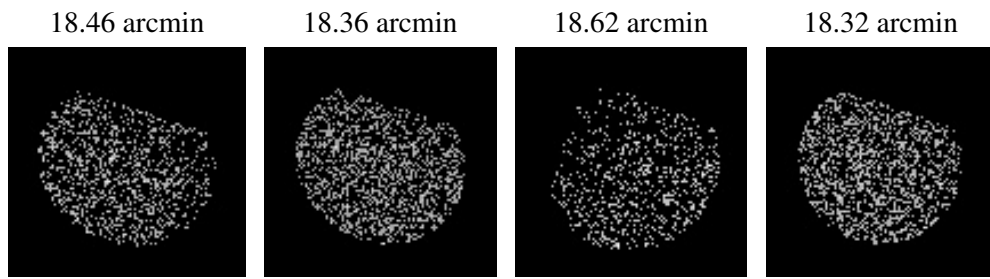
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.06.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.244

A.2 Comments

Window constraint satisfied.