

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4343 - L2 Version 001
Chandra X-Ray Center

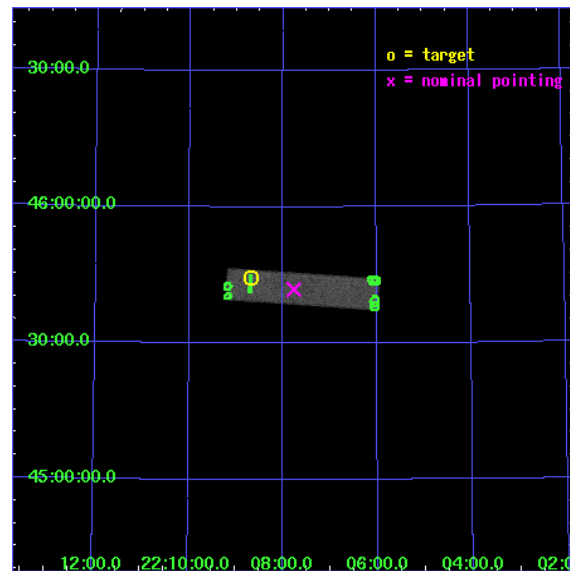
L2 Processing Date : Jul 27 2006

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1 Front

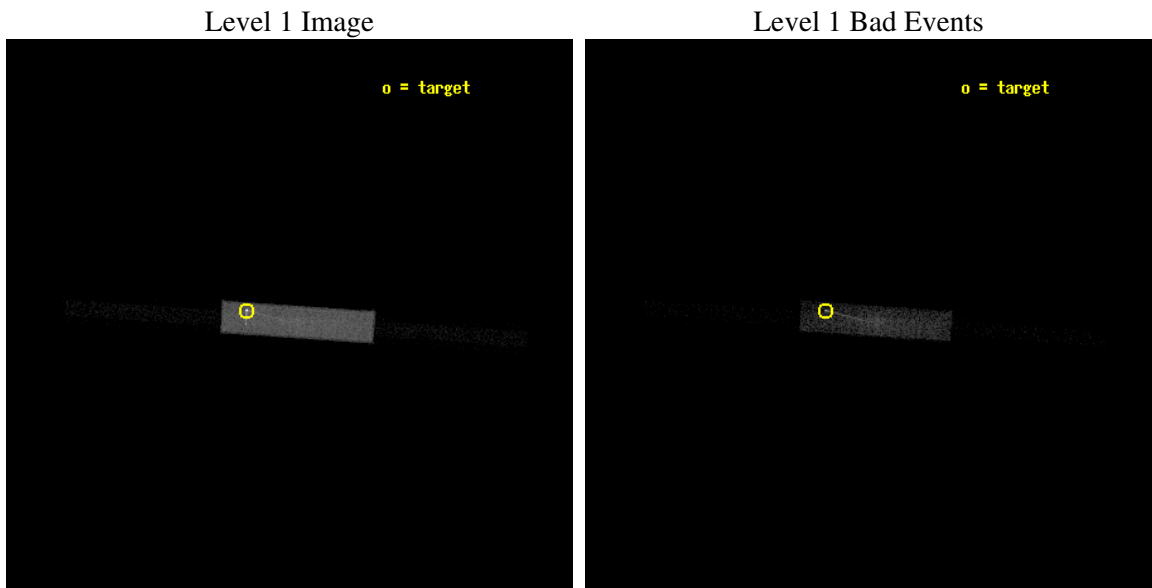
seq_num	290303
obs_id	4343
title	AO4A CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	331.94204795077
dec_nom	45.698259857131
roll_nom	3.8028933827767
revision	2
ontime	1142.1062980294
livetime	1136.0263376005
l2events	40226



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	2006-07-27T20:37:47
revision	2

sched_exp_time	1000.000000
ontime	1179.775049597
l1events	69687

2.1.3 Events

Level 1 Events

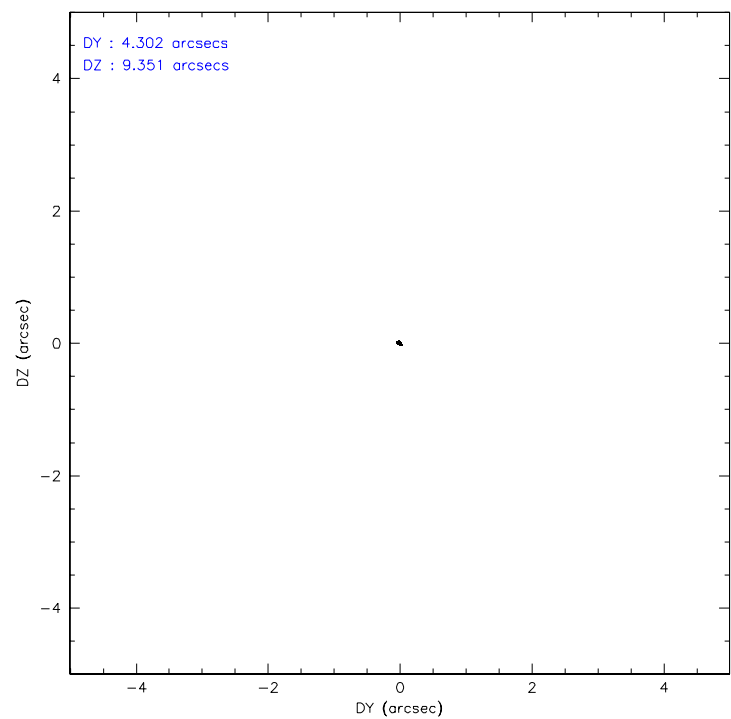
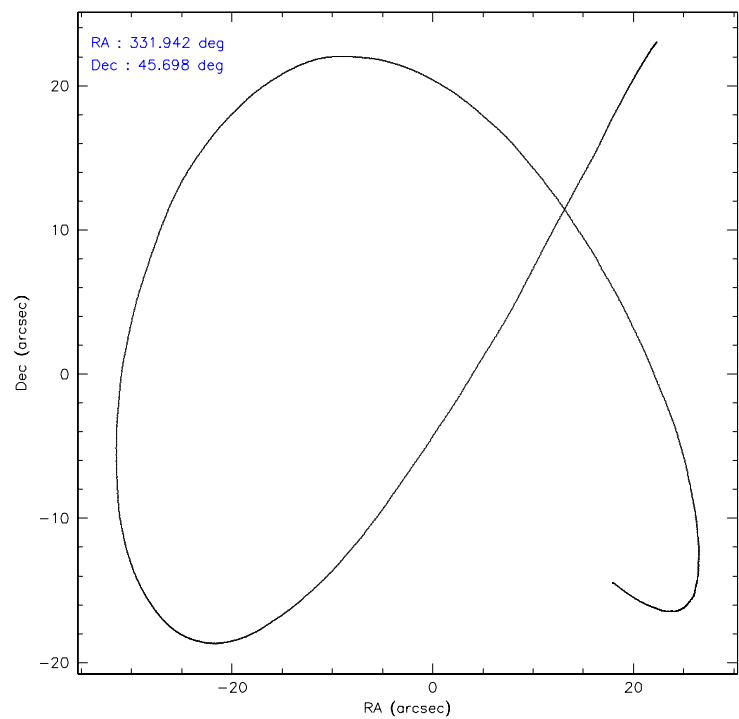
	segment 1	segment 2	segment 3
level 1 events	1161	67393	1133
rejected events	1161	24332	1133
rejected %	100%	36%	100%

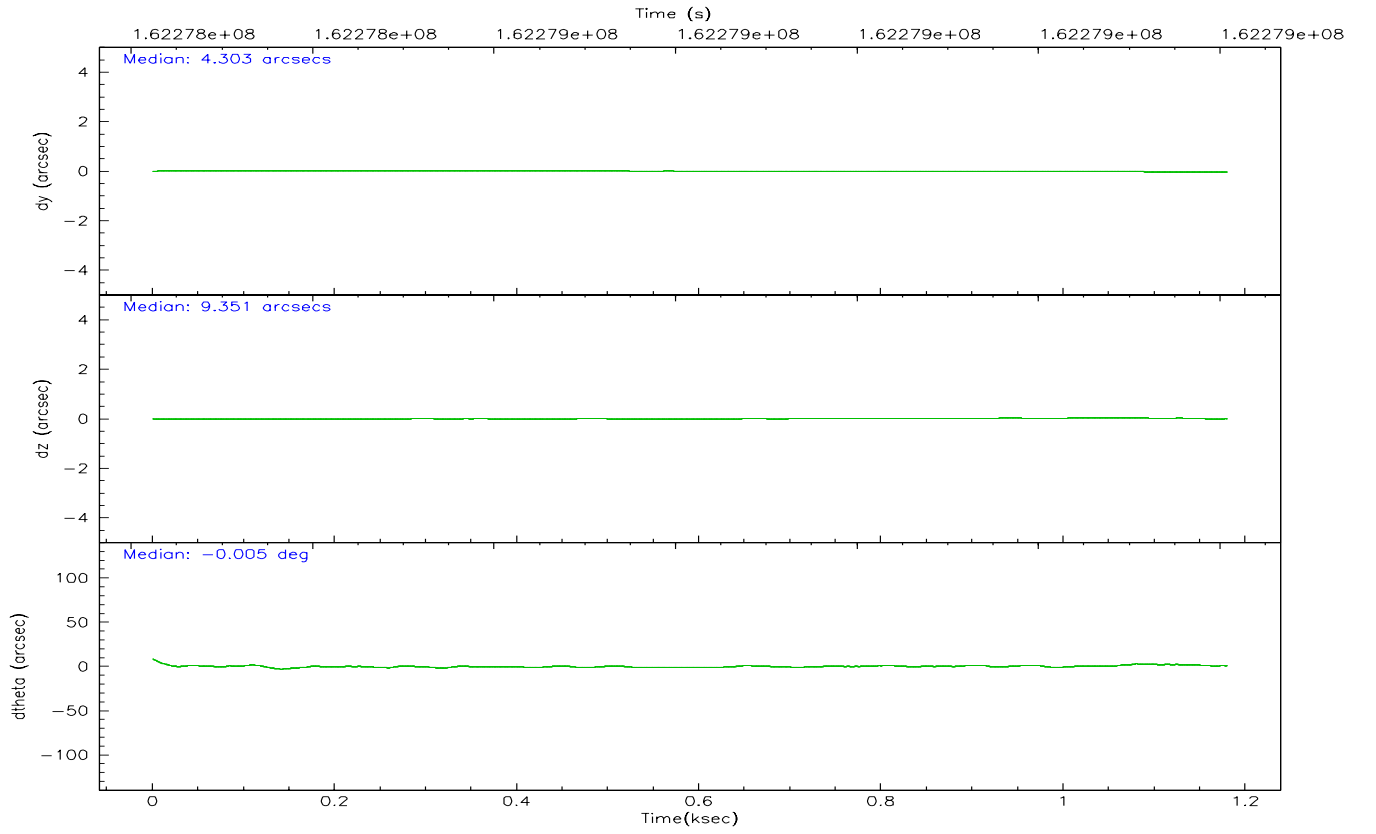
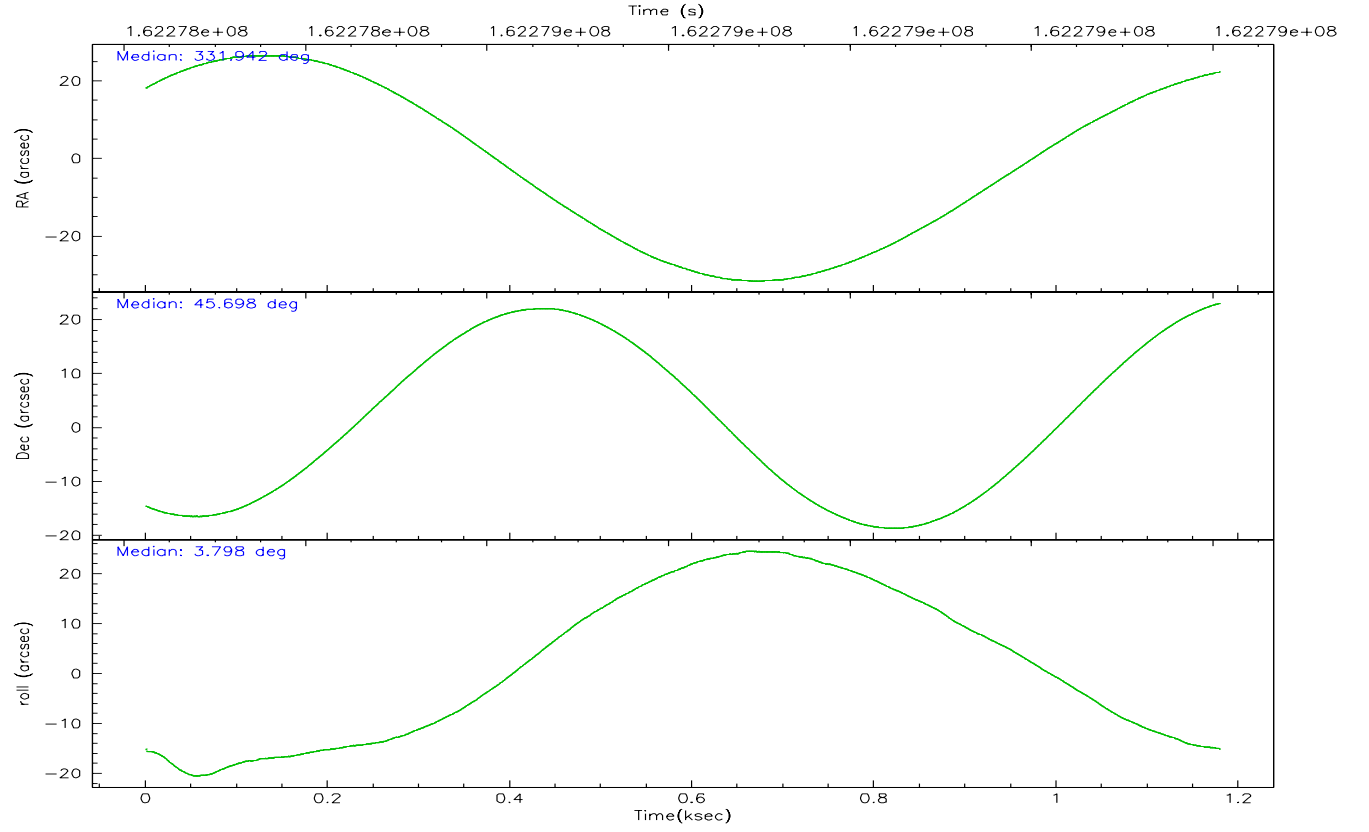
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	331.908664	331.9420479507725
Pointing Dec	45.681504	45.69825985713061
Pointing Roll	3.759454	3.802893382776735
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	162278405.184000	162278029.5689
Observation start date	2003-02-22T05:19:01	2003-02-22T05:13:49
Observation end time	162279405.184000	162279539.39397
Observation end date	2003-02-22T05:35:41	2003-02-22T05:38:59

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

2.3 Aspect



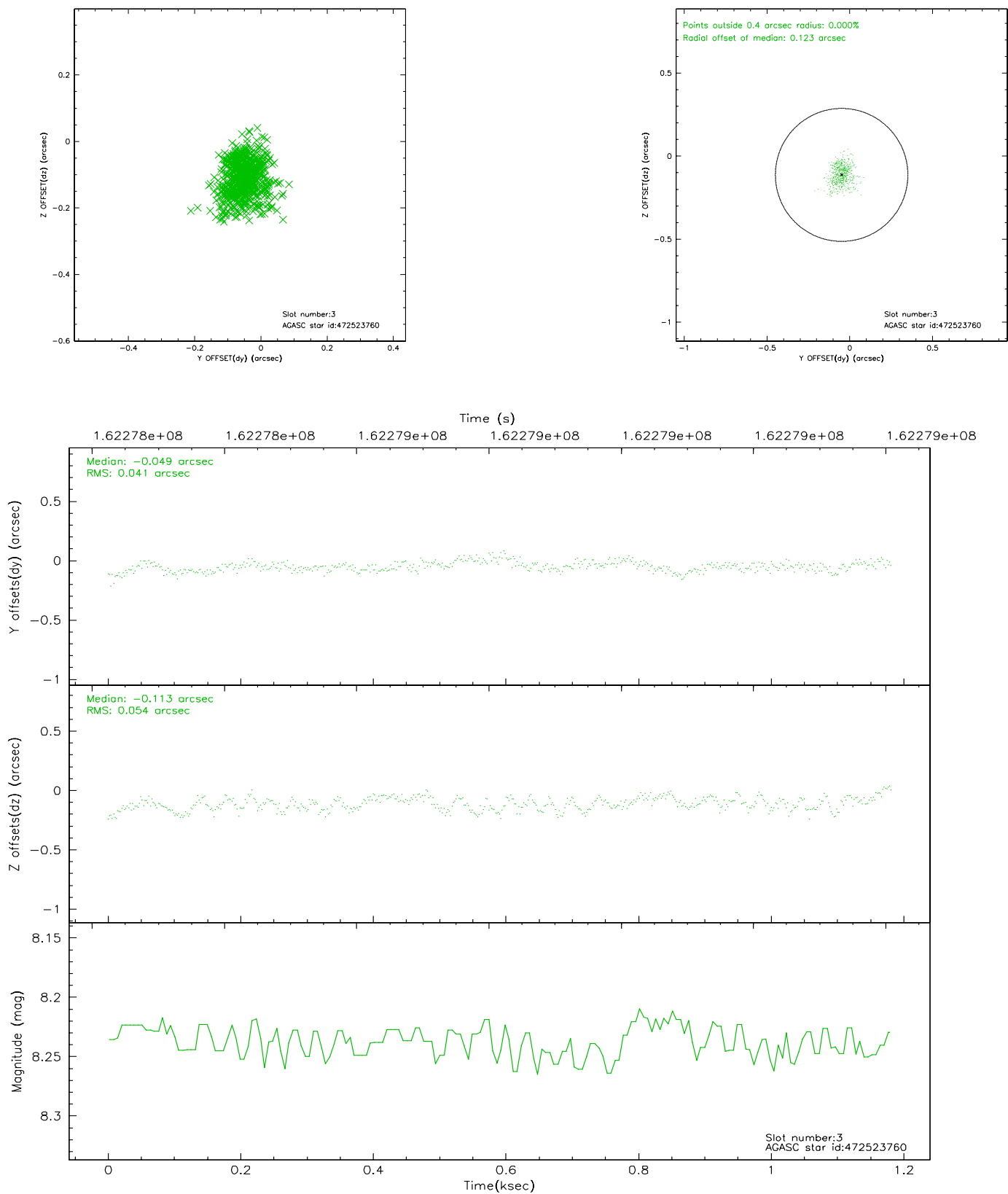


Slot Statistics

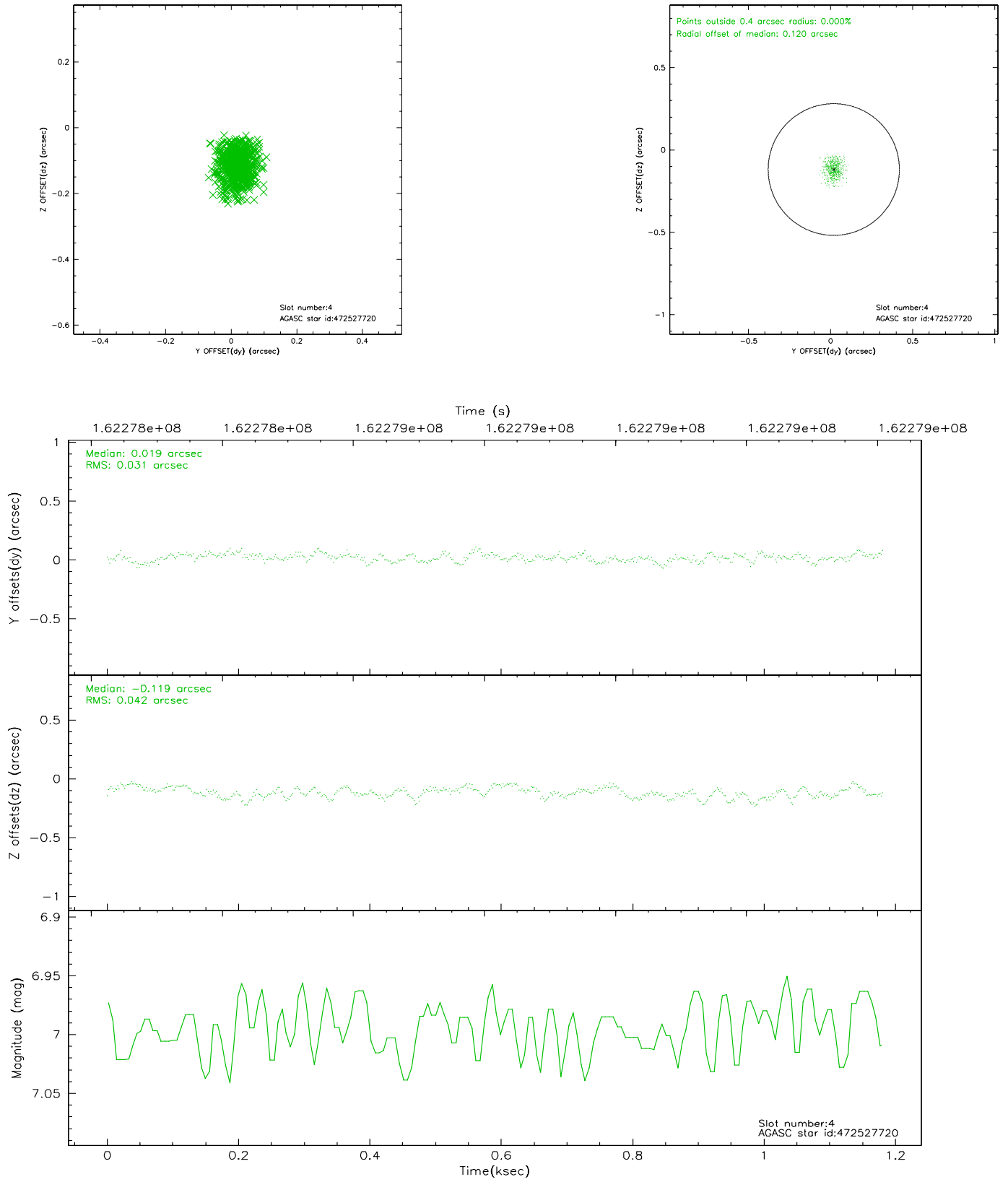
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	288	0.181	-0.107	0.005	0.010	0.000000	0.000000	-1158.31	-457.99
1	FID	HRC-S-2	7.00	288	0.076	-0.108	0.012	0.023	0.000000	0.000000	1237.25	-452.16
2	FID	HRC-S-4	6.98	288	0.146	-0.090	0.011	0.022	0.000000	0.000000	1244.18	572.61
3	GUIDE	472523760	8.24	577	-0.049	-0.113	0.073	0.119	331.645363	45.403260	-730.68	-953.50
4	GUIDE	472527720	6.99	577	0.019	-0.119	0.057	0.090	331.460205	45.112509	-1273.11	-1966.51
5	GUIDE	472655152	9.44	573	0.156	-0.034	0.091	0.150	332.504239	45.862991	1529.87	557.78
6	GUIDE	472659832	9.48	577	0.026	0.077	0.105	0.175	332.780399	46.098139	2272.17	1368.59
7	GUIDE	472652872	10.11	576	-0.147	0.175	0.147	0.240	332.255928	45.019274	728.64	-2430.84

2.4 Star Slots

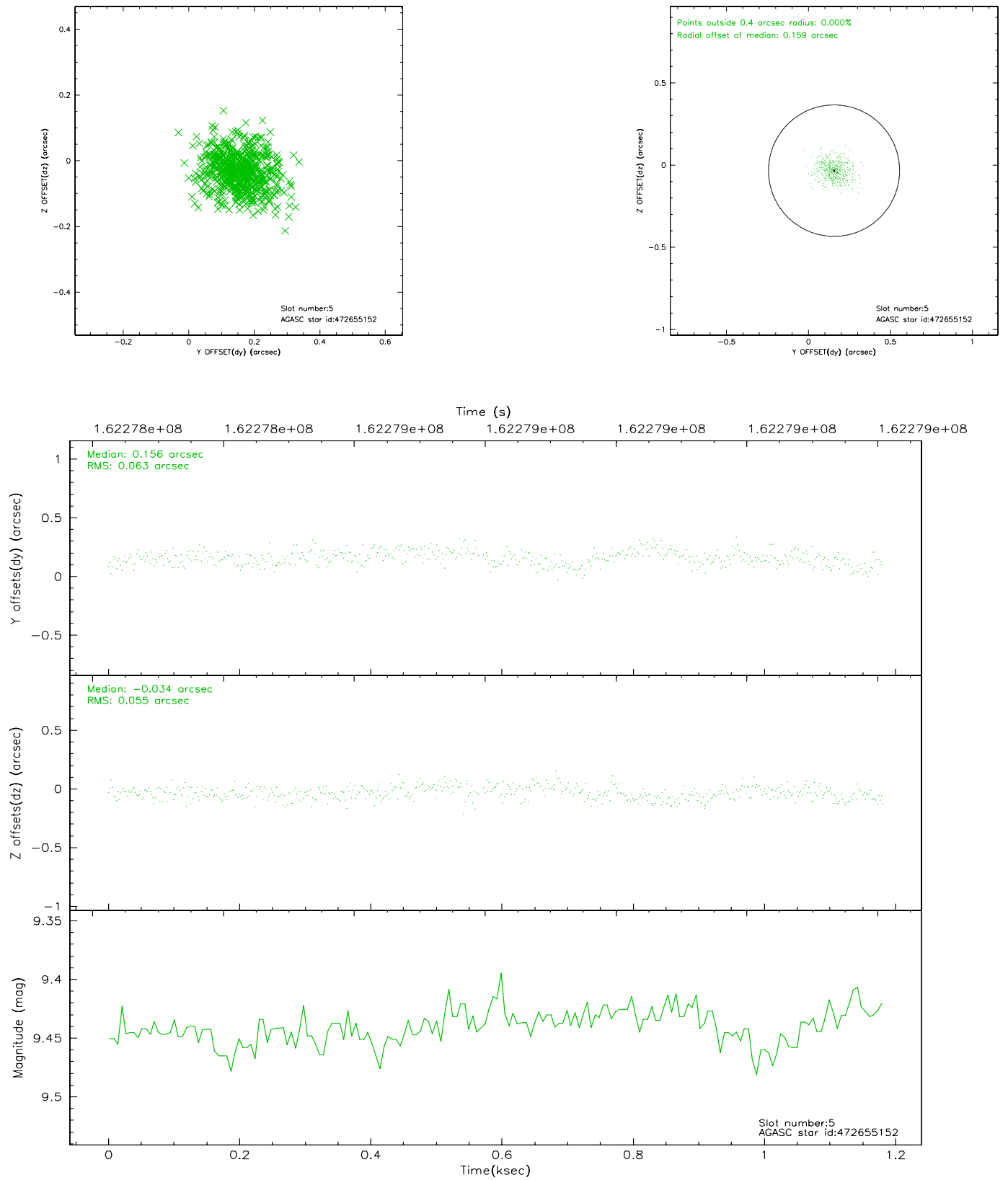
2.4.1 Slot 3



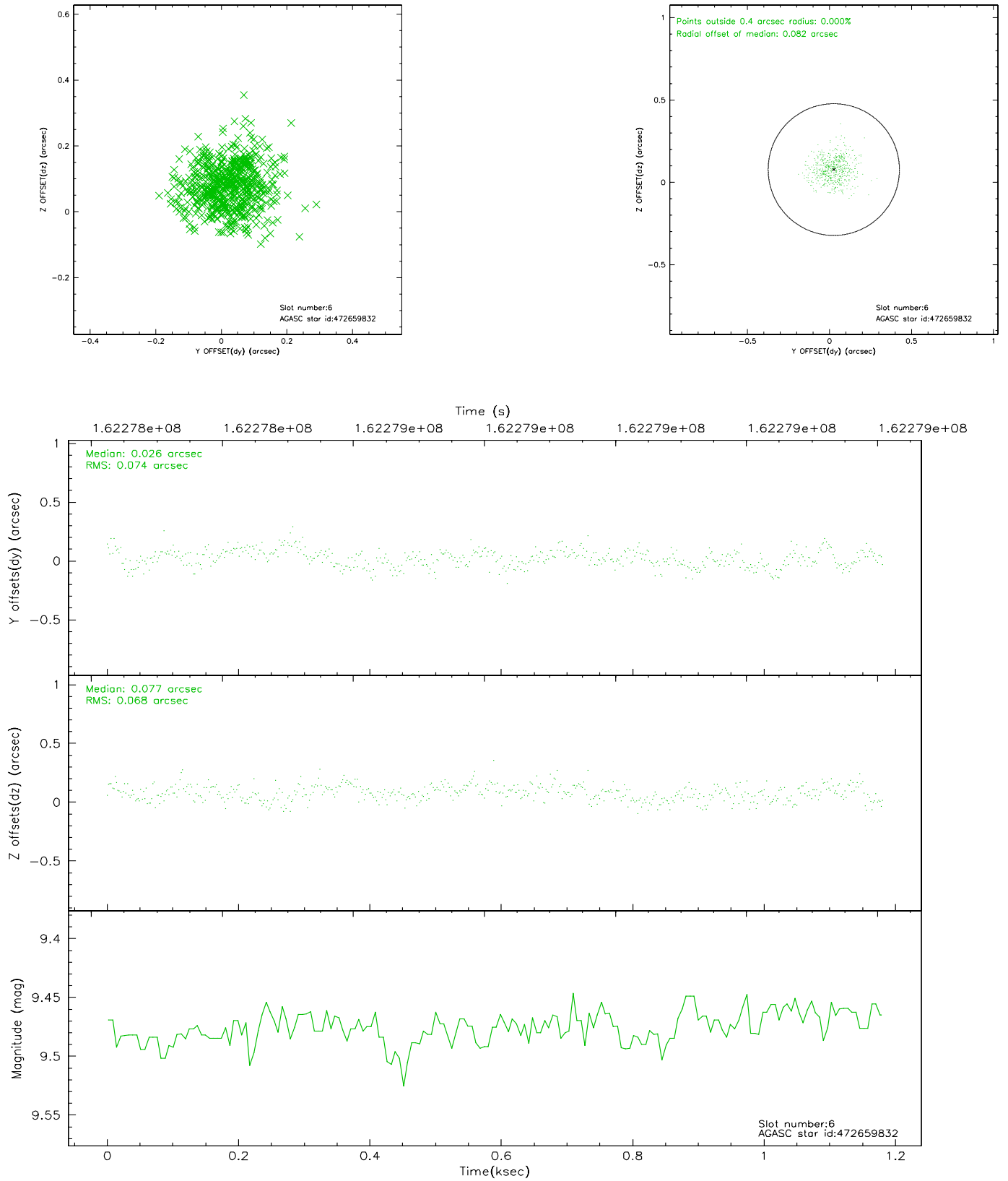
2.4.2 Slot 4



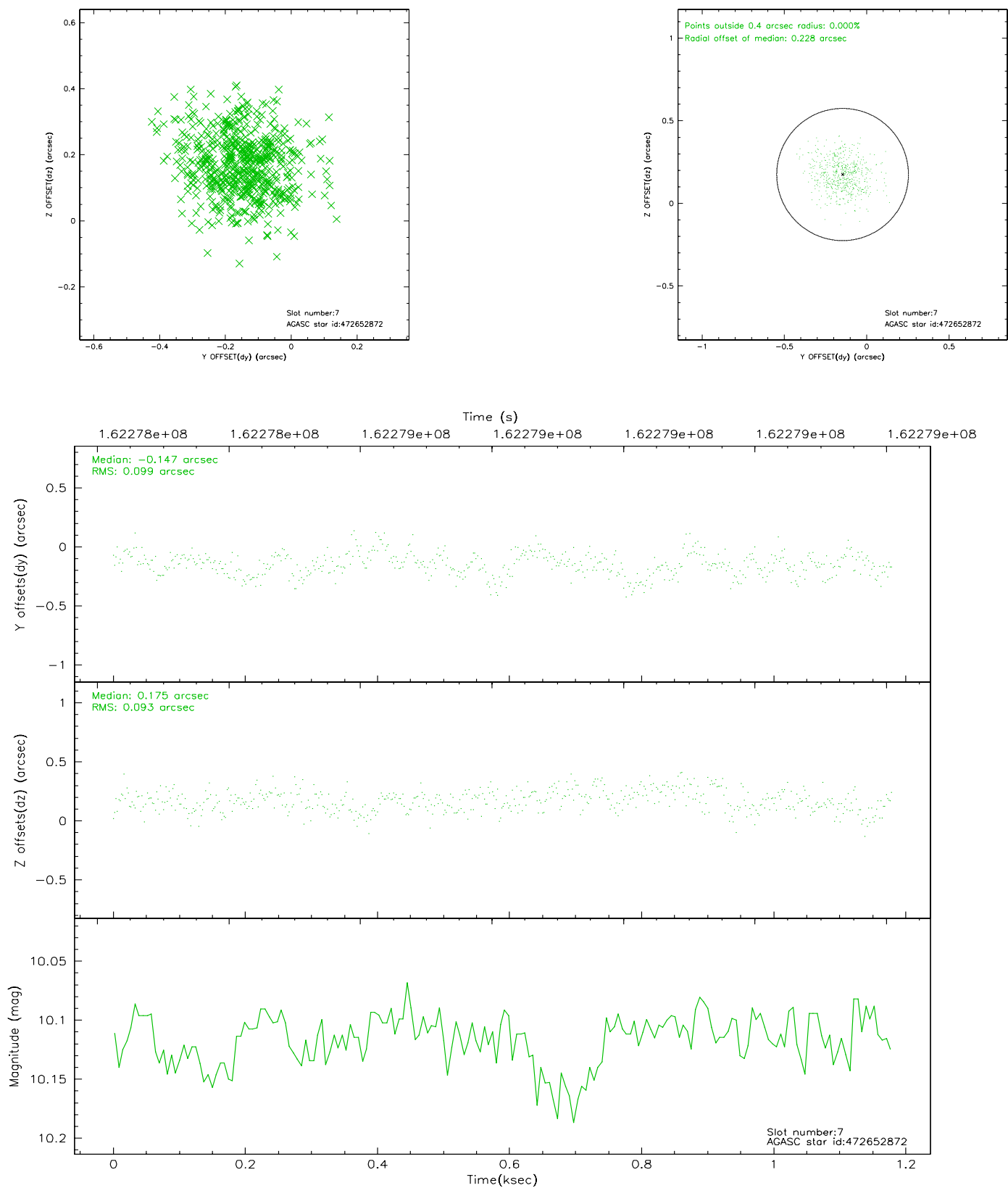
2.4.3 Slot 5



2.4.4 Slot 6

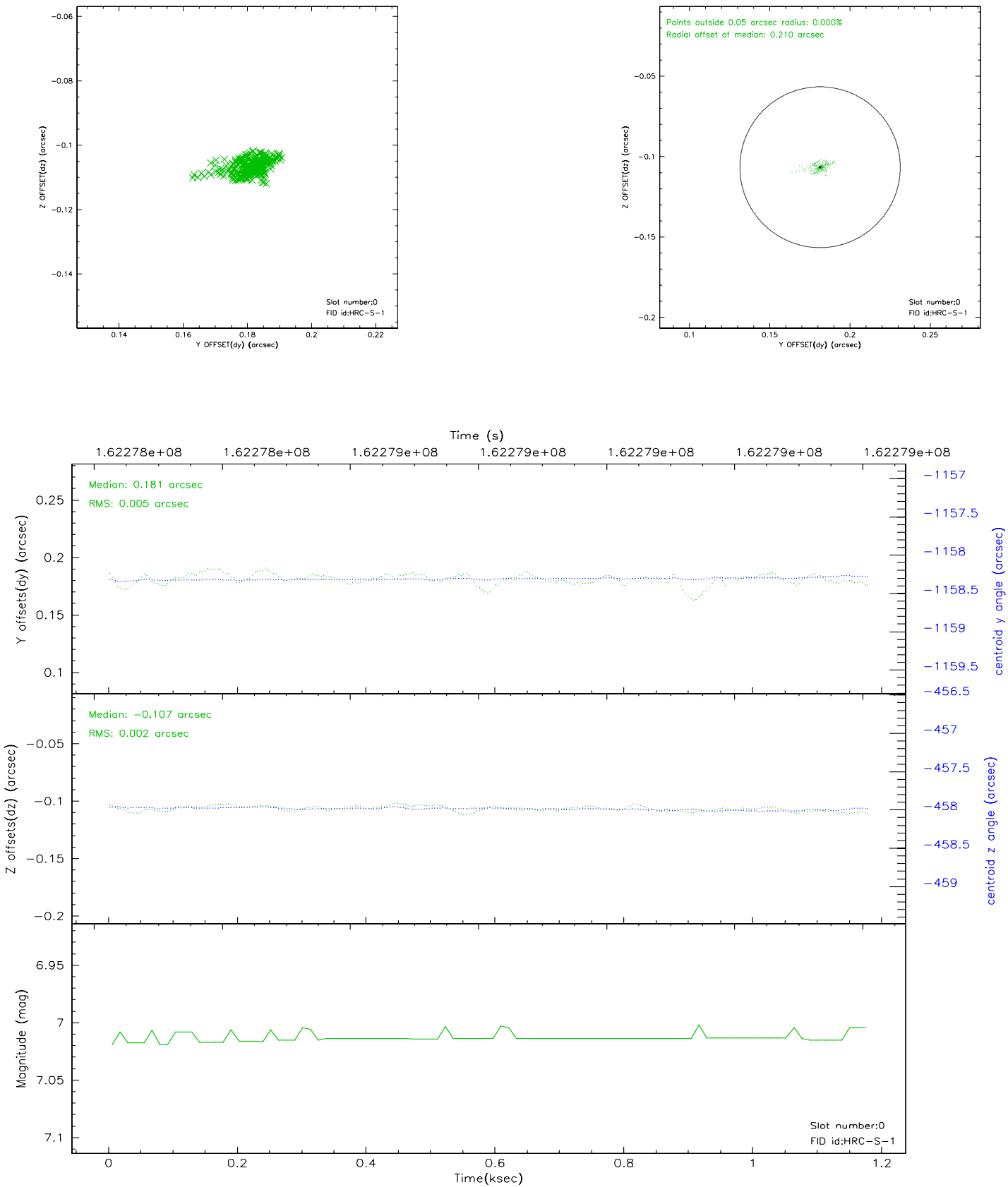


2.4.5 Slot 7

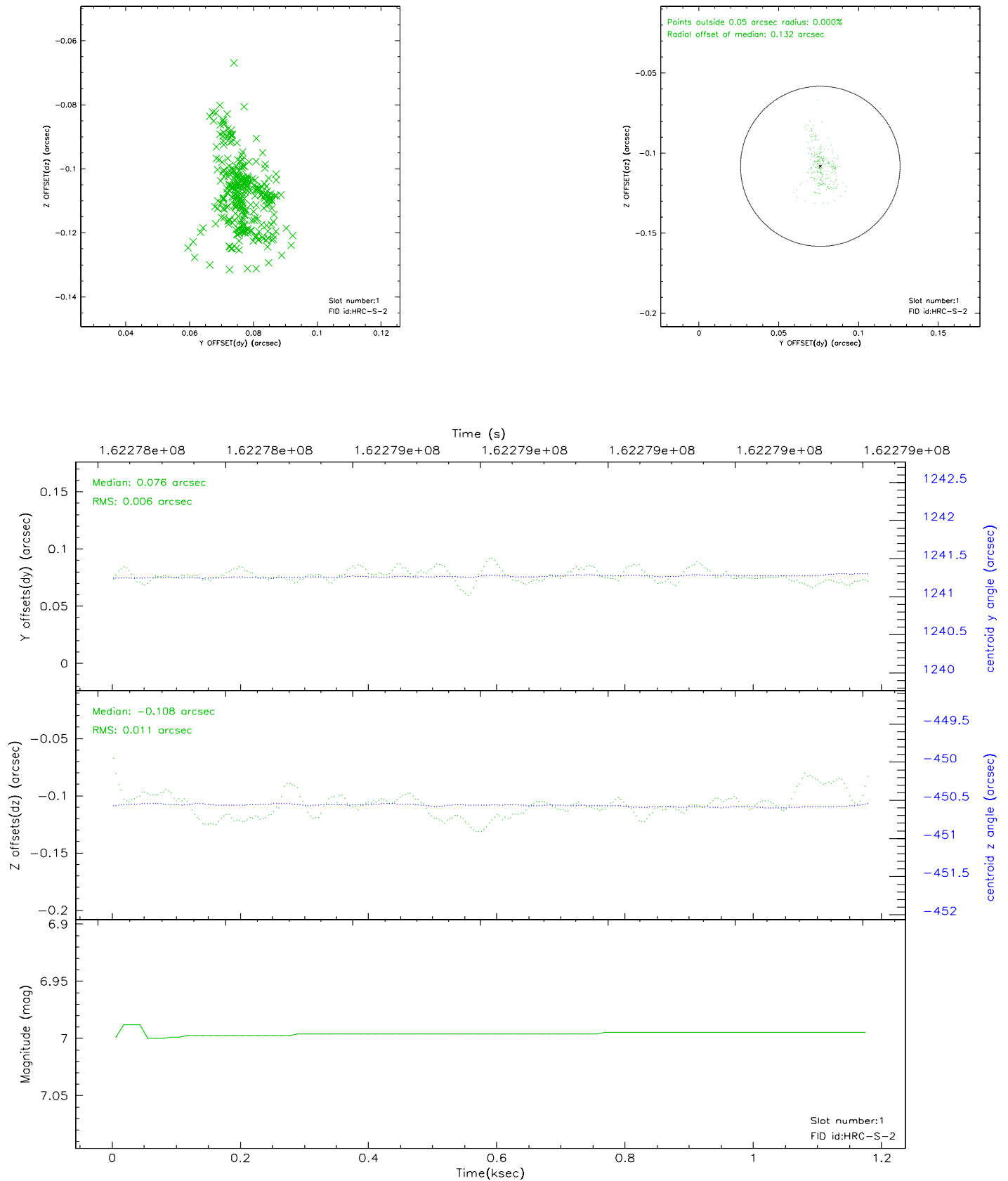


2.5 FID Slots

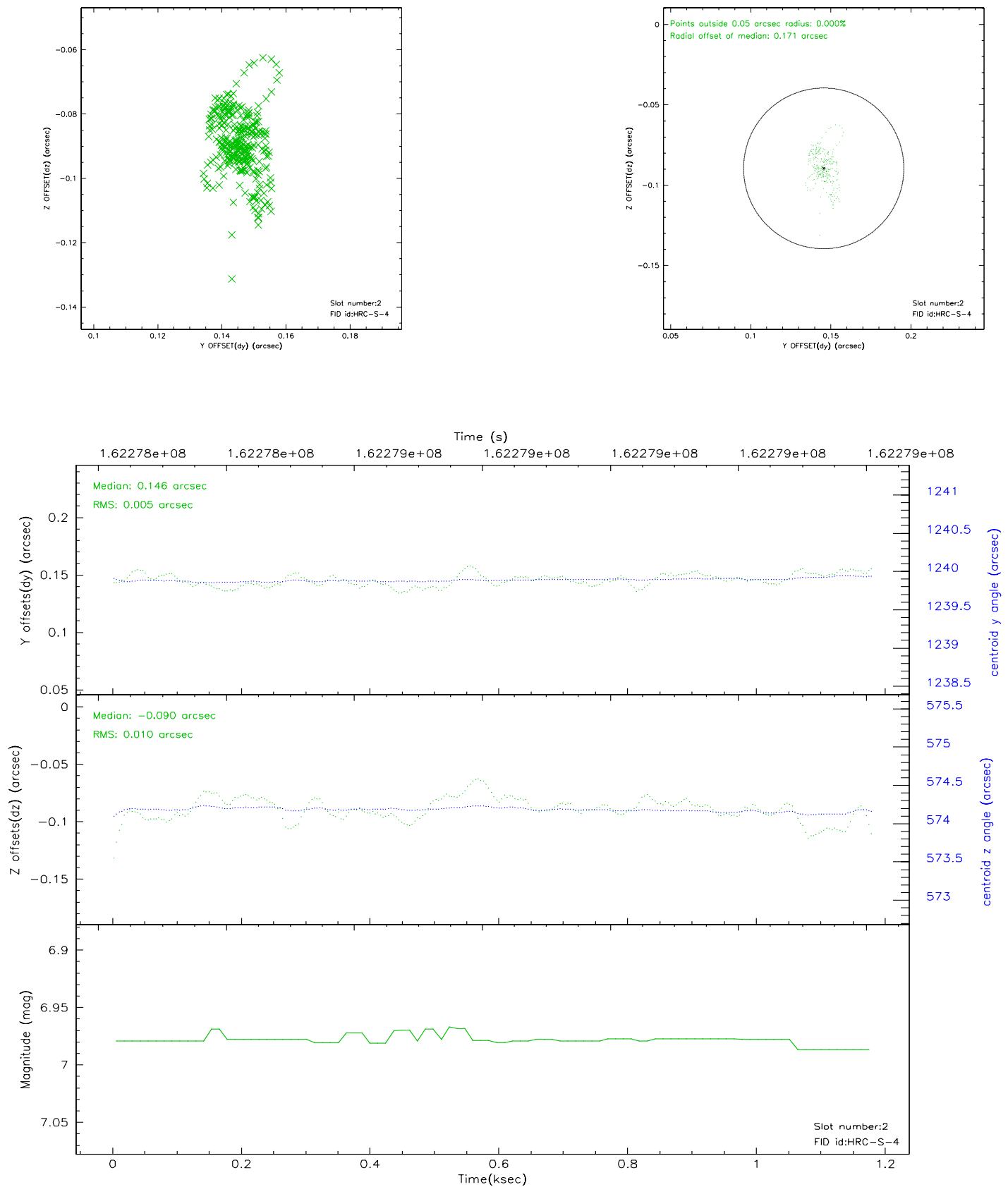
2.5.1 Slot 0



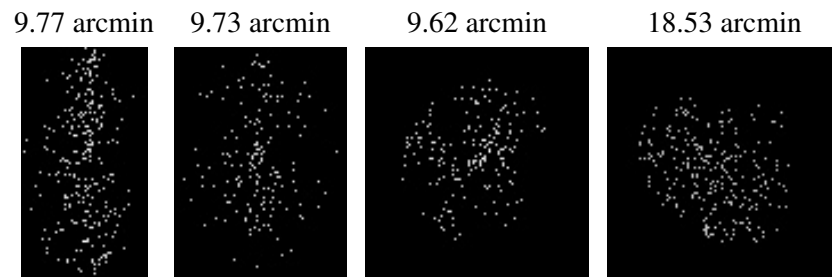
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2006.09.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.142

A.2 Comments