

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4317 - L2 Version 001
Chandra X-Ray Center

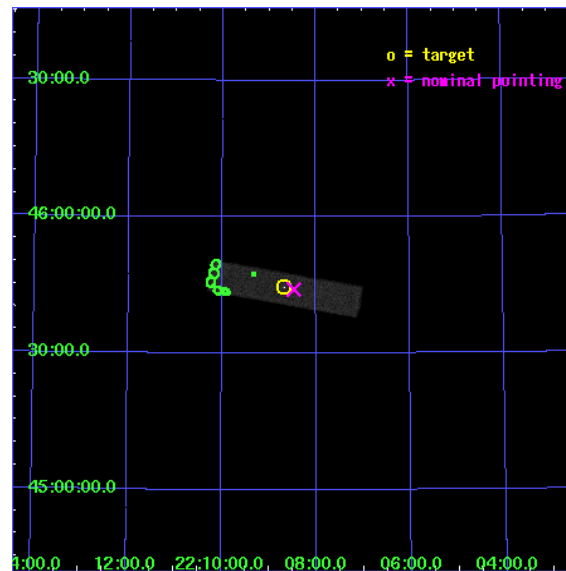
L2 Processing Date : Jul 7 2006

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1 Front

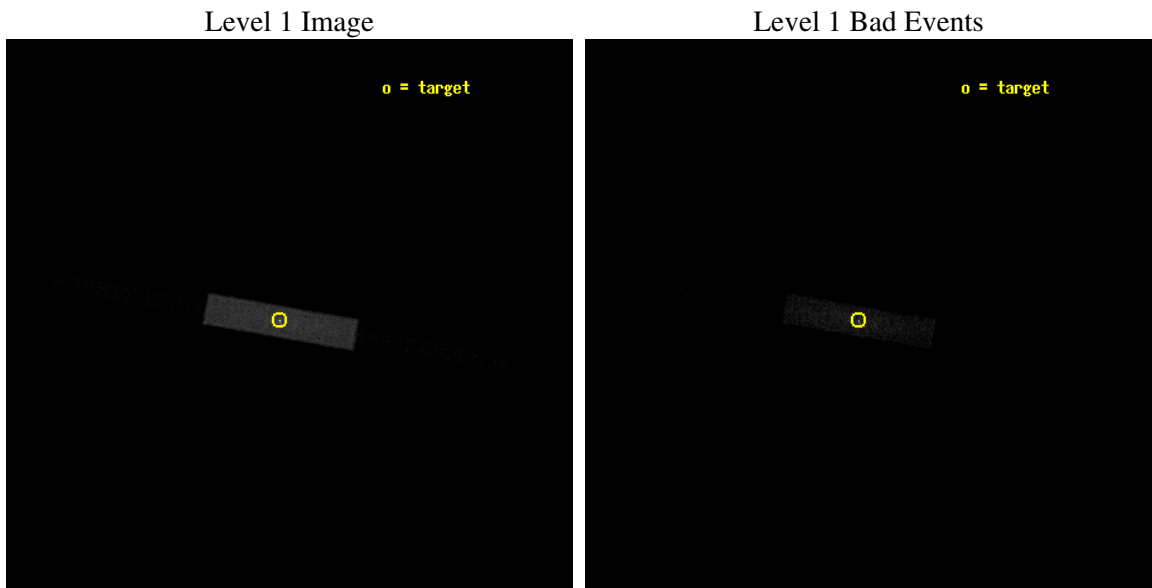
seq_num	290277
obs_id	4317
title	AO4B CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.11723674697
dec_nom	45.73489067973
roll_nom	189.89303892878
revision	2
ontime	1142.1062988937
livetime	1136.3617043987
l2events	38245



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	2006-07-07T20:25:59
revision	2

sched_exp_time	1000.000000
ontime	1182.0813006163
l1events	66776

2.1.3 Events

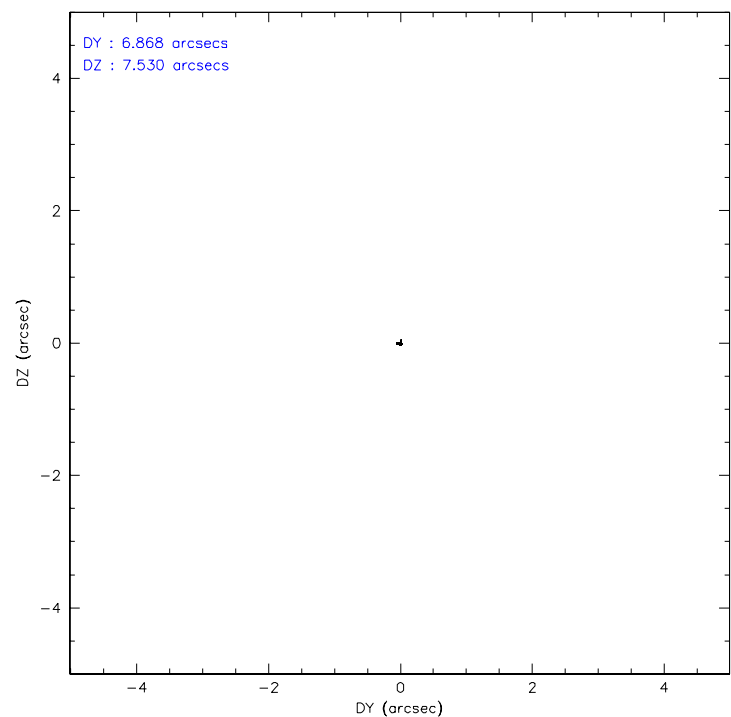
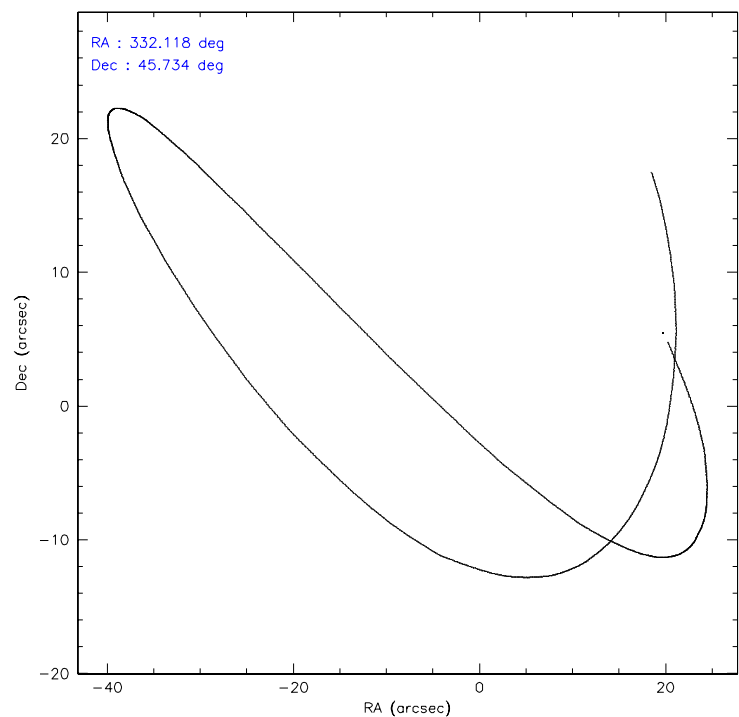
Level 1 Events

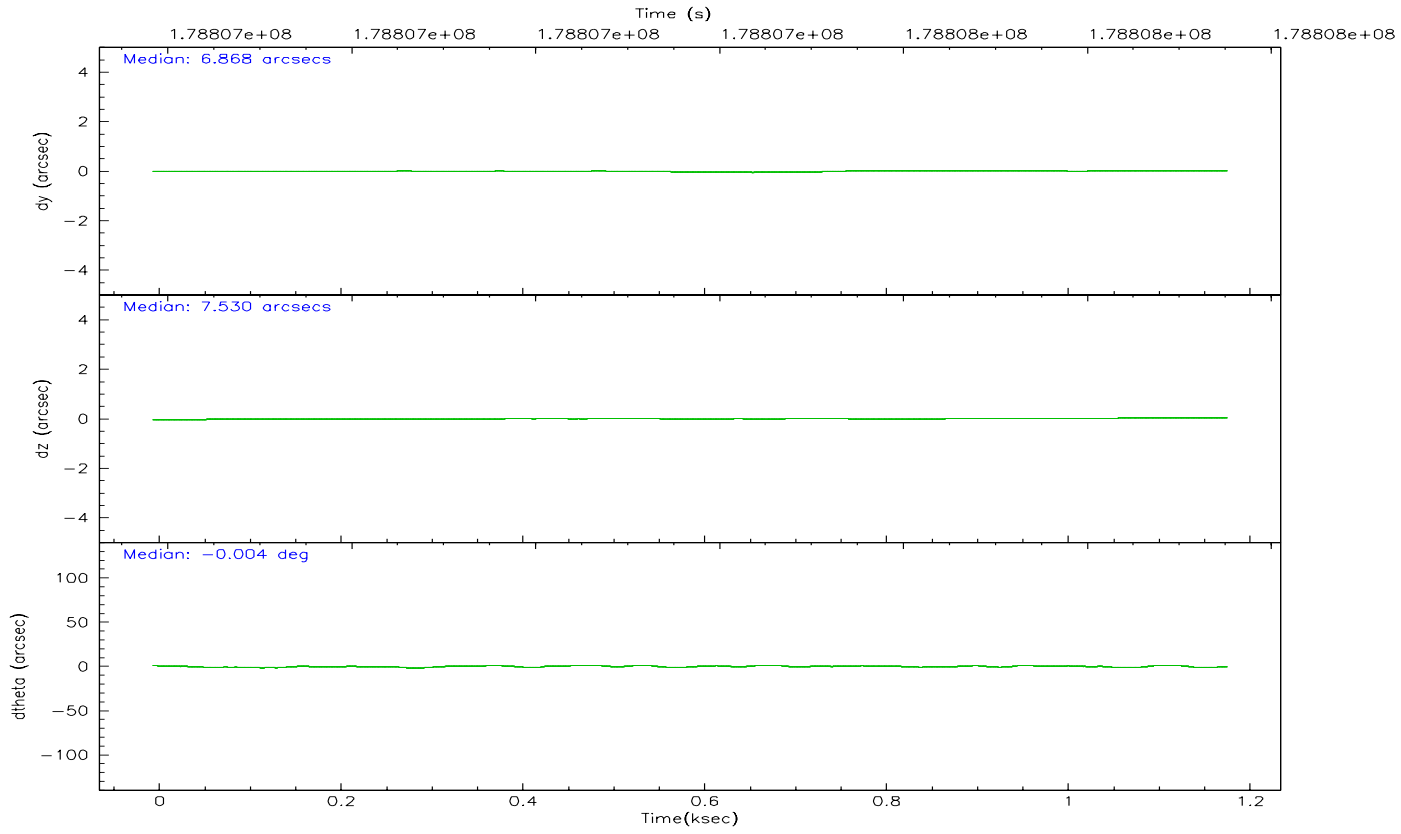
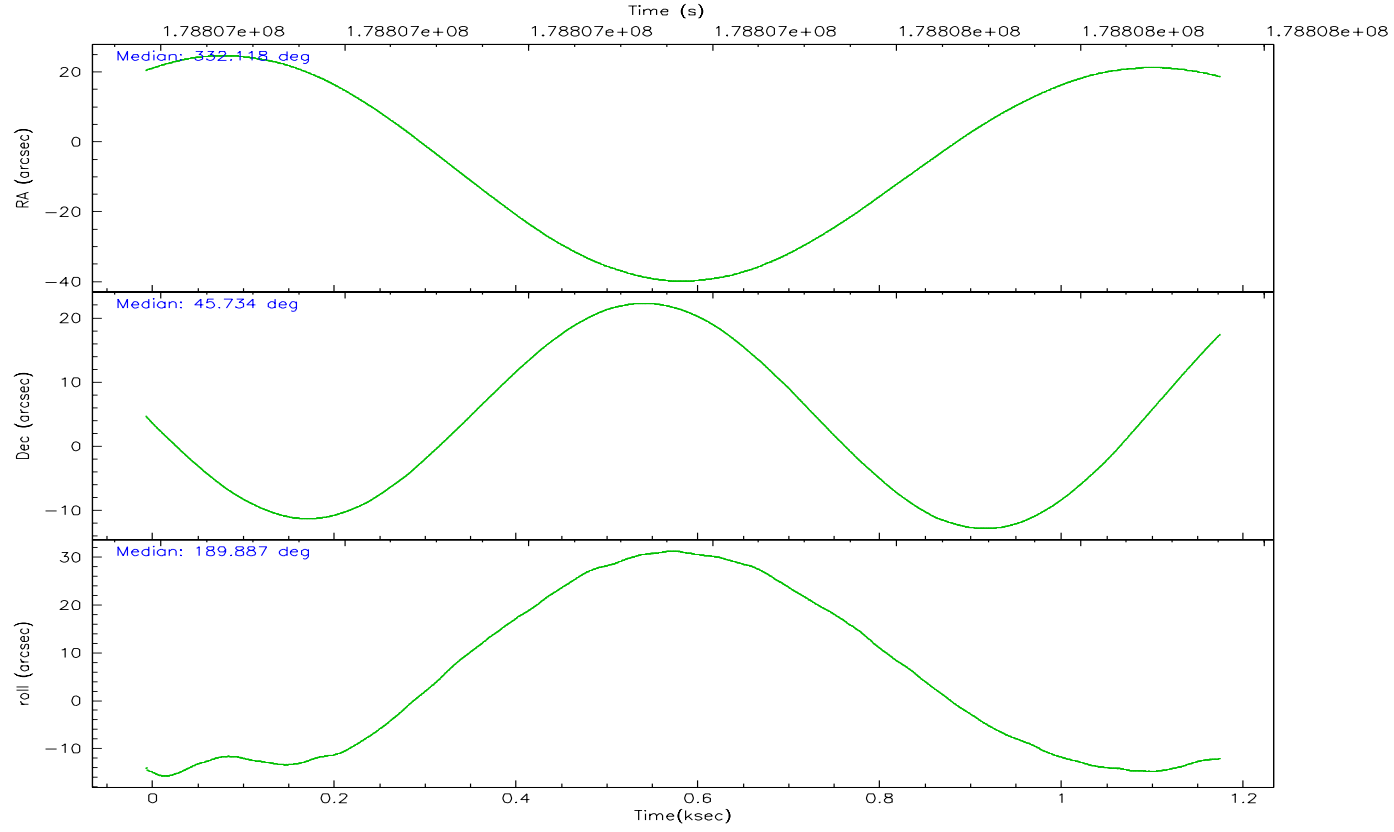
	segment 1	segment 2	segment 3
level 1 events	1023	64681	1072
rejected events	1023	23623	1072
rejected %	100%	36%	100%

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	332.146406	332.1172367469653			
Pointing Dec	45.755354	45.73489067973048			
Pointing Roll	189.804796	189.8930389287752			
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	178806958.184000	178806582.69491			
Observation start date	2003-09-01T12:34:54	2003-09-01T12:29:42			
Observation end time	178807958.184000	178808092.51998			
Observation end date	2003-09-01T12:51:34	2003-09-01T12:54:52			

2.3 Aspect



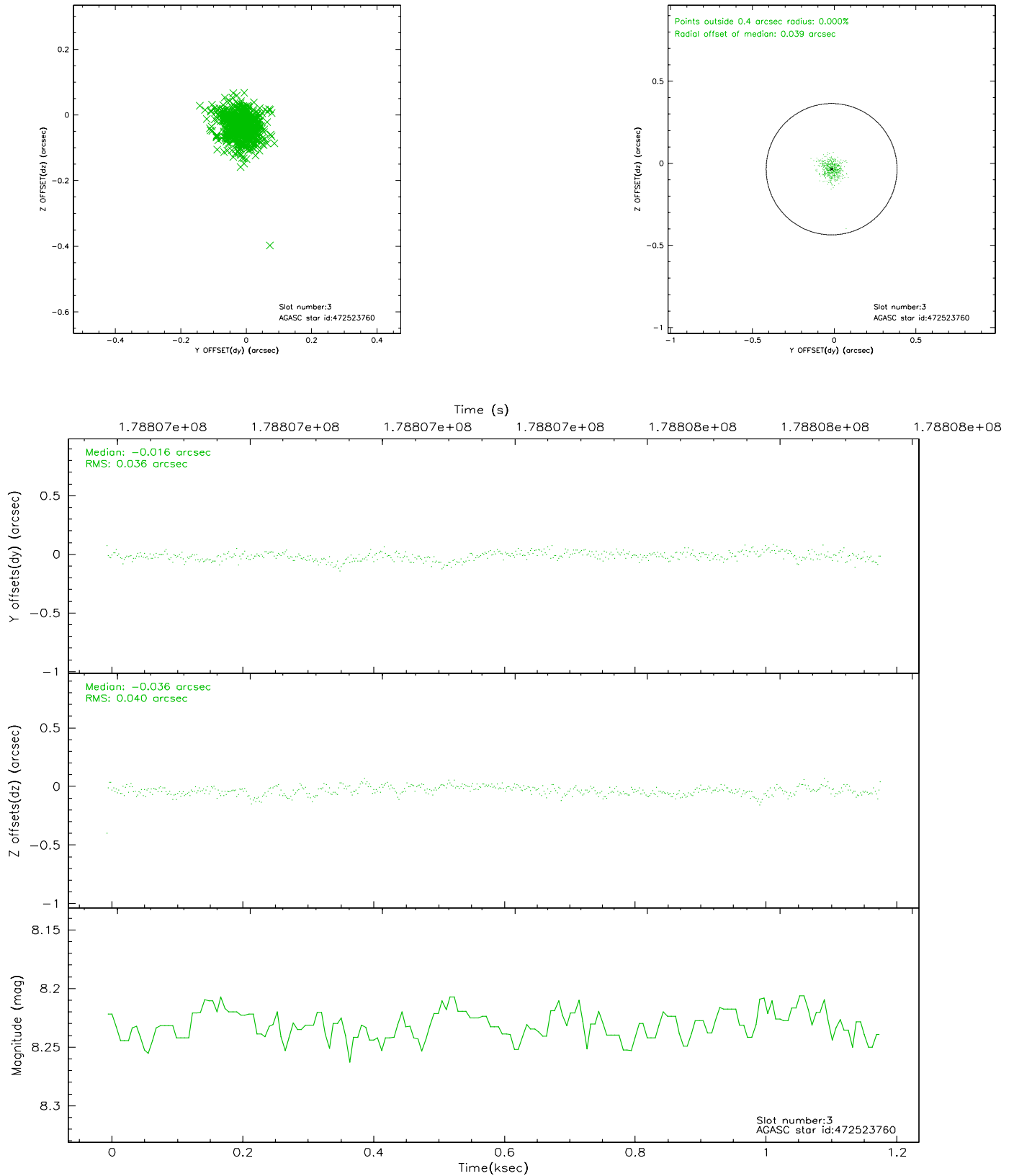


Slot Statistics

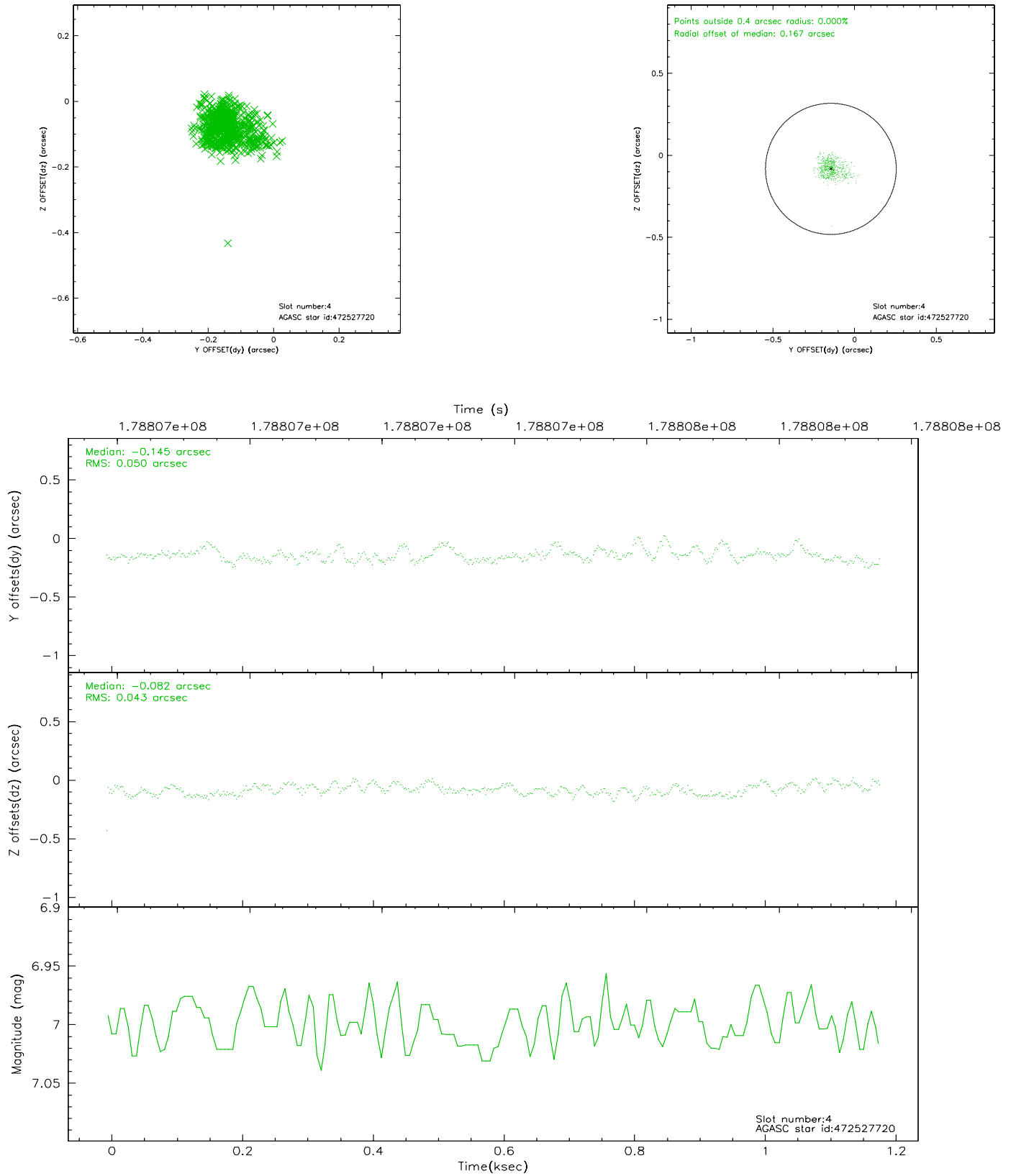
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.03	289	0.113	-0.111	0.006	0.012	0.000000	0.000000	-1161.03	-456.10
1	FID	HRC-S-2	7.03	289	0.158	-0.105	0.004	0.008	0.000000	0.000000	1234.68	-450.30
2	FID	HRC-S-3	7.04	289	0.119	-0.086	0.006	0.013	0.000000	0.000000	-1159.48	571.90
3	GUIDE	472523760	8.23	578	-0.016	-0.036	0.054	0.094	331.645363	45.403260	1464.92	1025.61
4	GUIDE	472527720	7.00	578	-0.145	-0.082	0.068	0.113	331.460205	45.112509	2114.87	1974.19
5	GUIDE	472533912	9.15	578	-0.023	0.032	0.103	0.175	331.791136	46.368695	499.01	-2328.50
6	GUIDE	472655152	9.45	577	0.104	0.052	0.086	0.147	332.504239	45.862991	-947.49	-239.02
7	GUIDE	472659832	9.46	576	0.077	0.030	0.098	0.164	332.780399	46.098139	-1770.45	-957.23

2.4 Star Slots

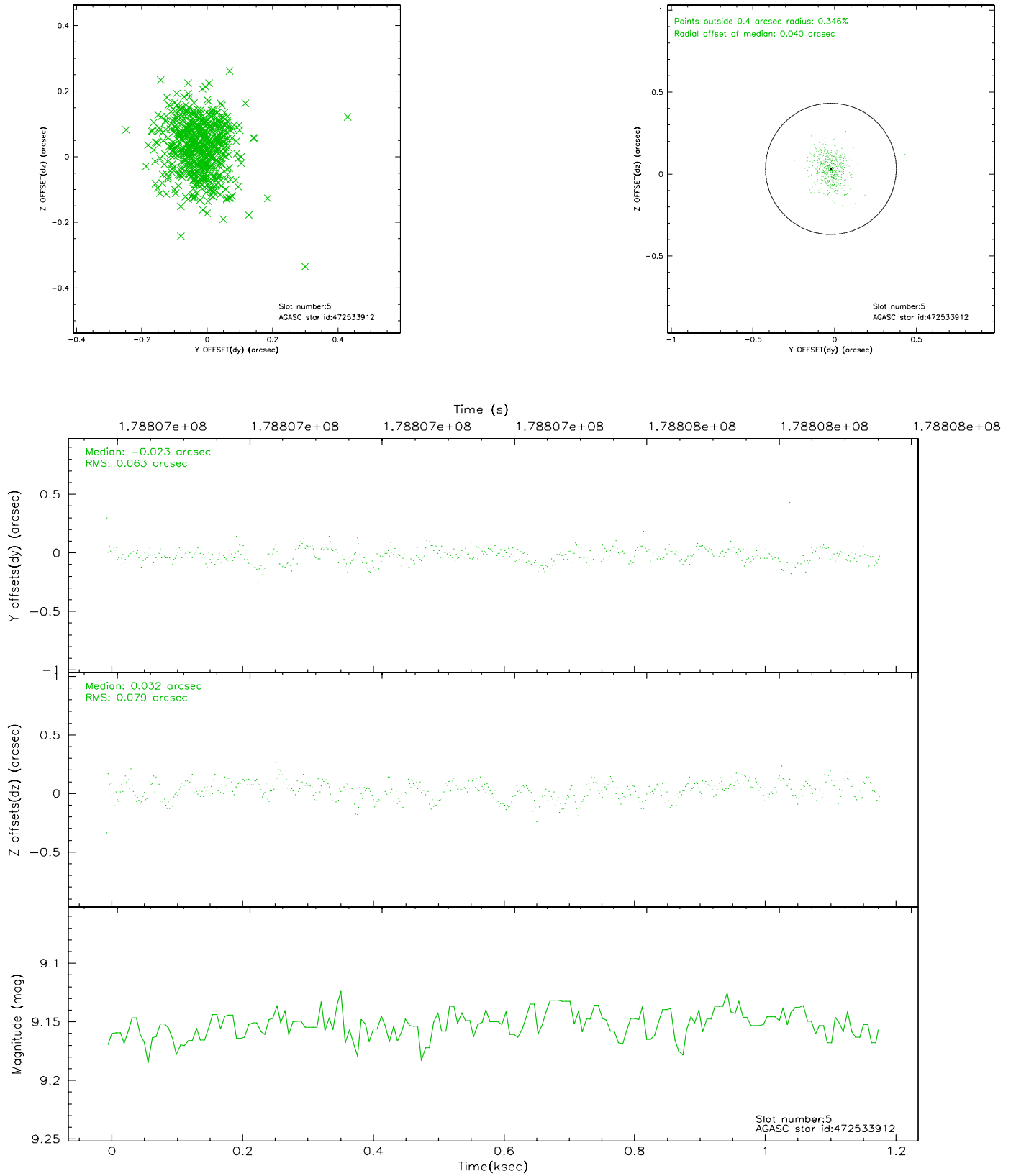
2.4.1 Slot 3



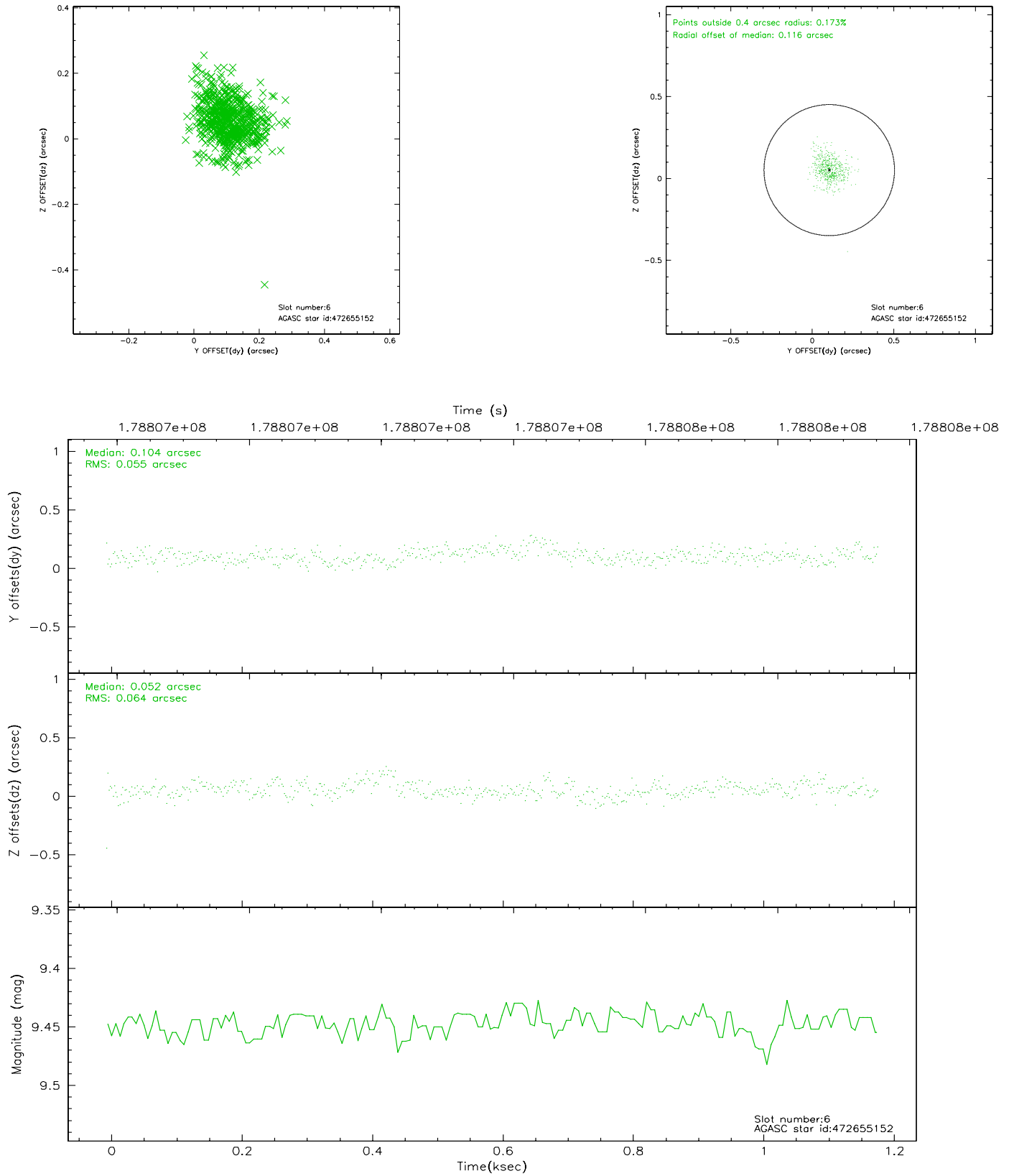
2.4.2 Slot 4



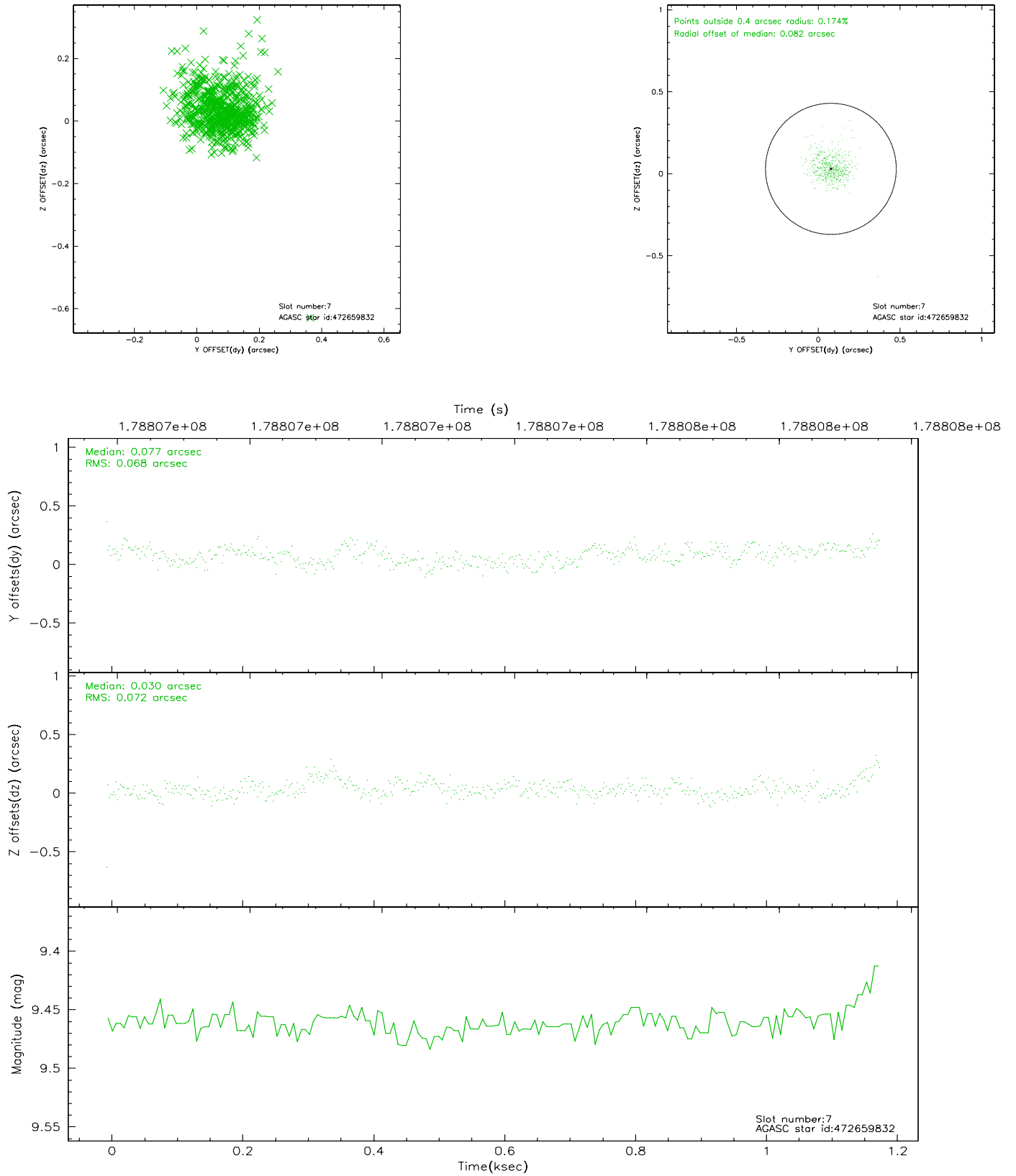
2.4.3 Slot 5



2.4.4 Slot 6

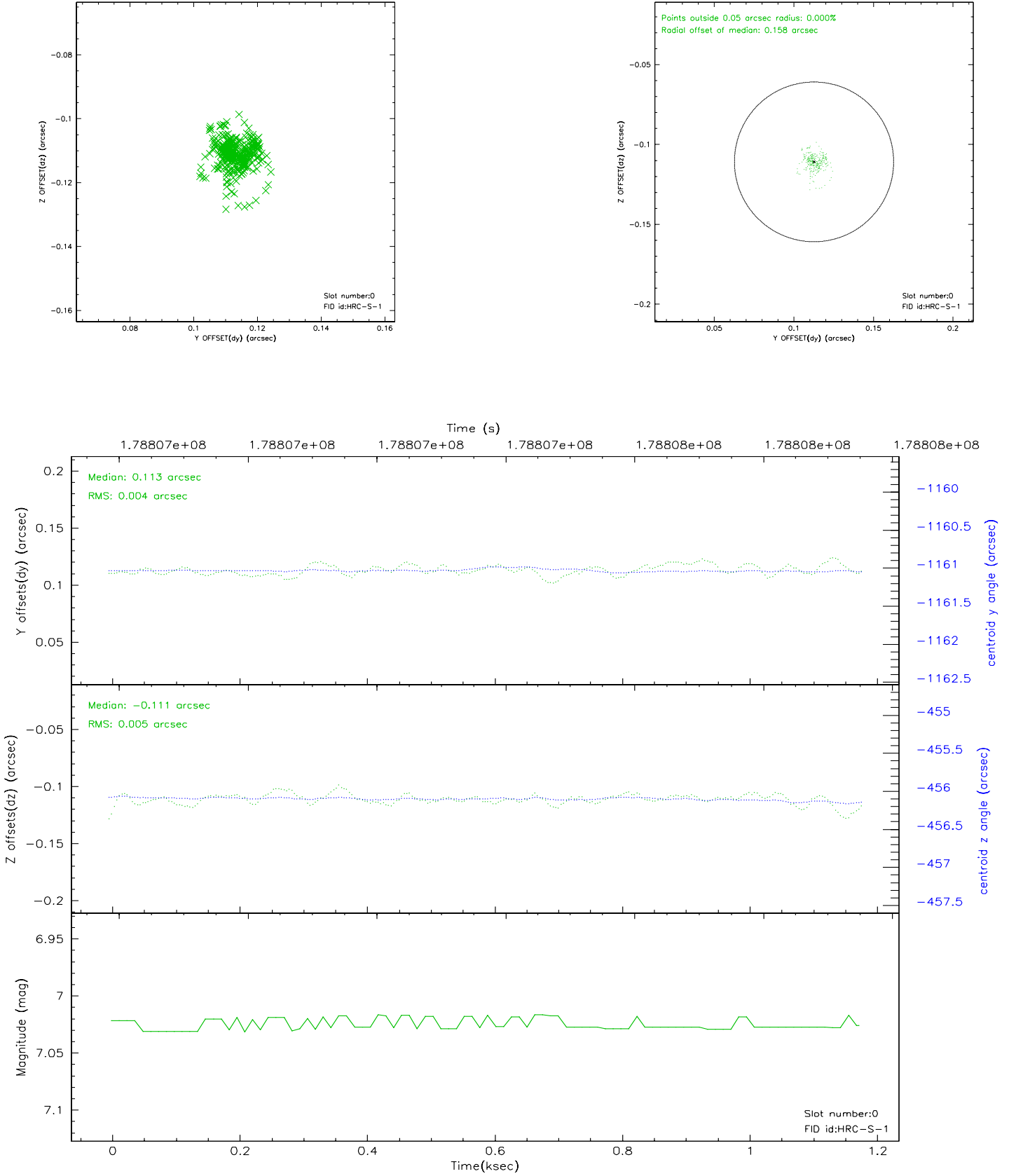


2.4.5 Slot 7

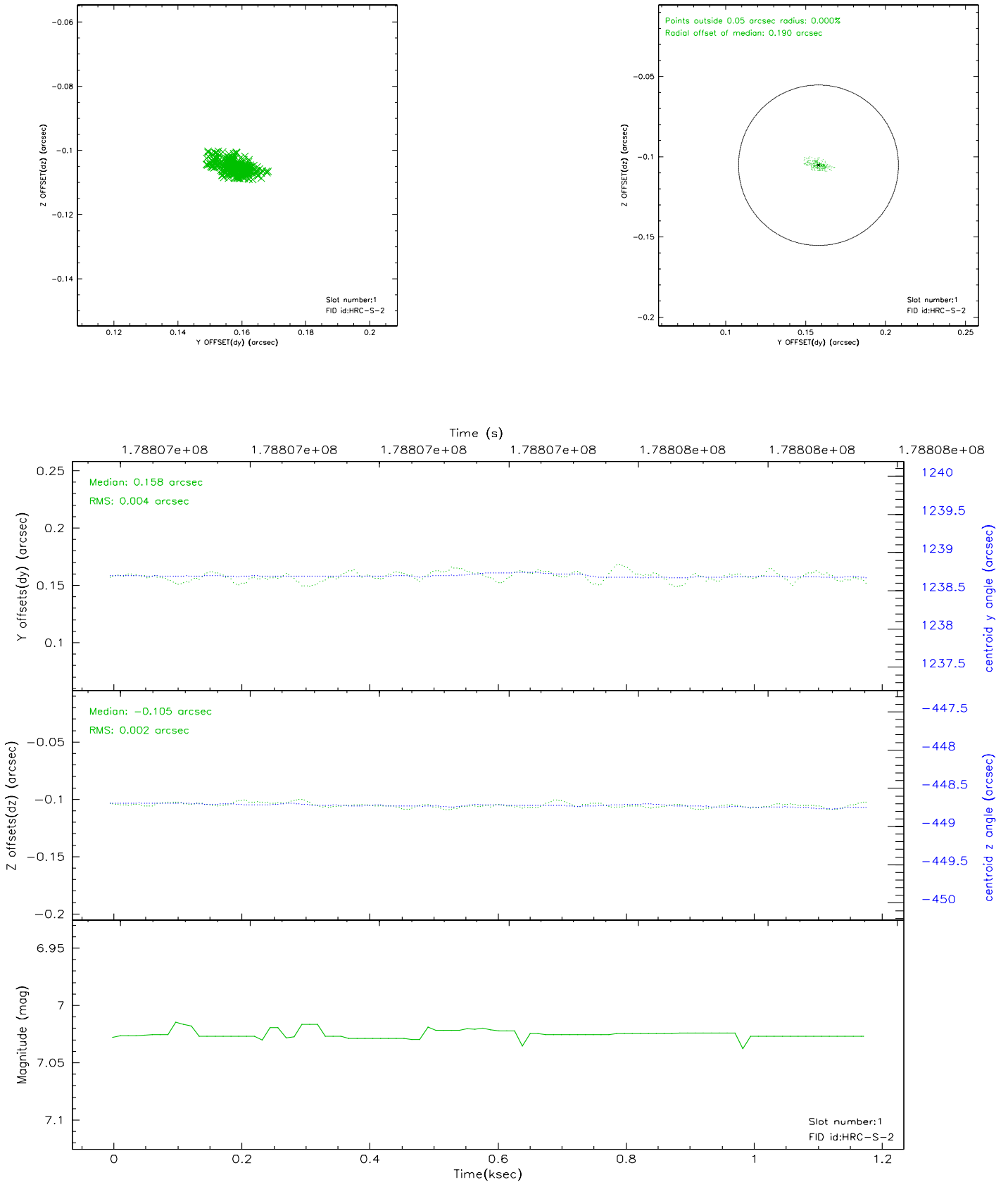


2.5 FID Slots

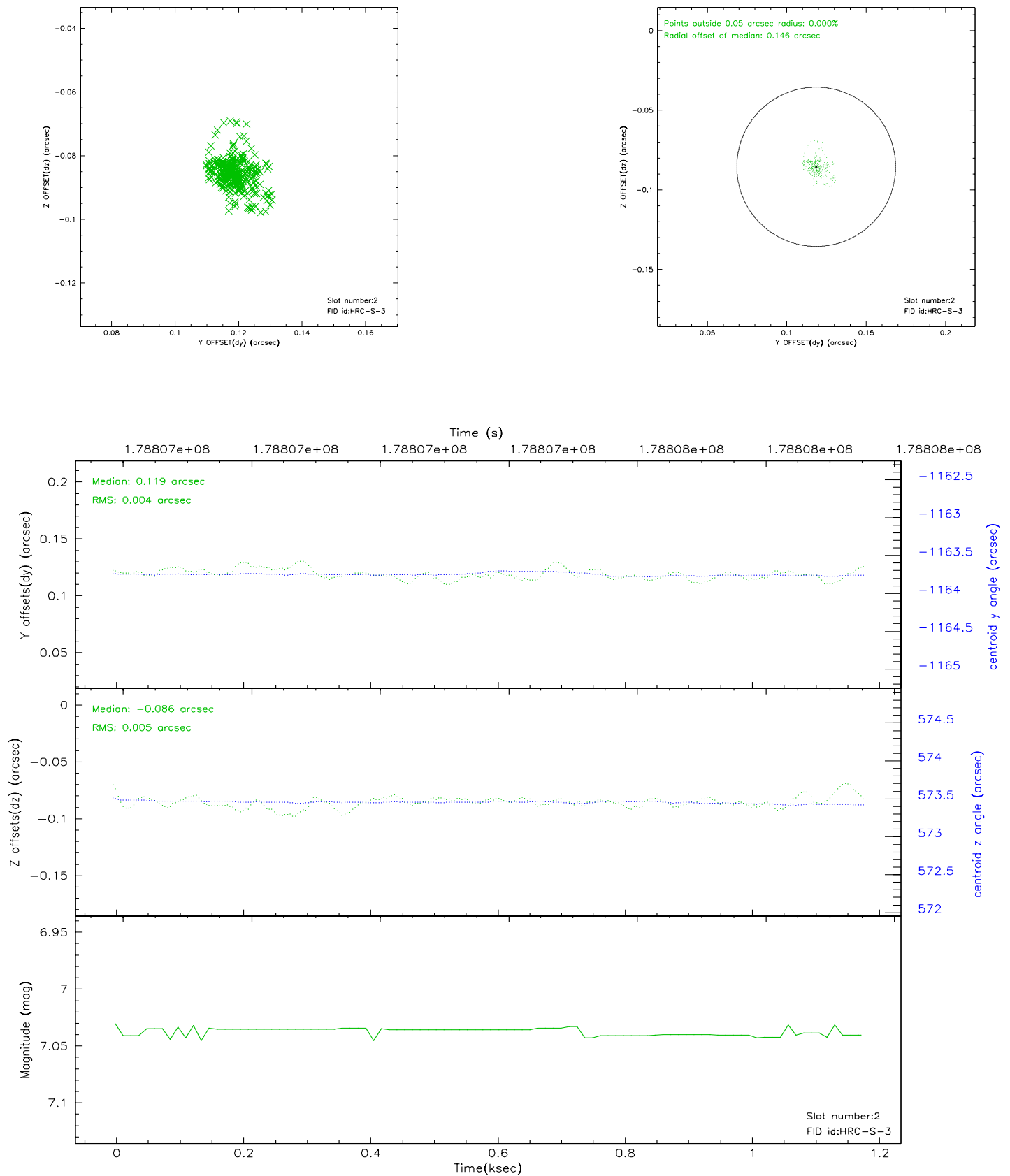
2.5.1 Slot 0



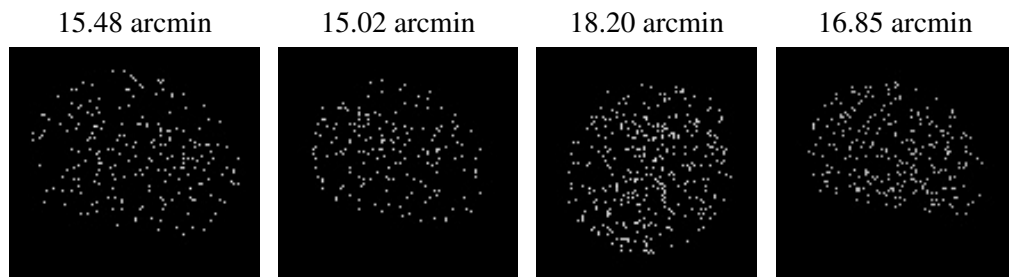
2.5.2 Slot 1



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	1.142

A.2 Comments

Monitor constraint met.