

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2345 - L2 Version 6
Chandra X-Ray Center

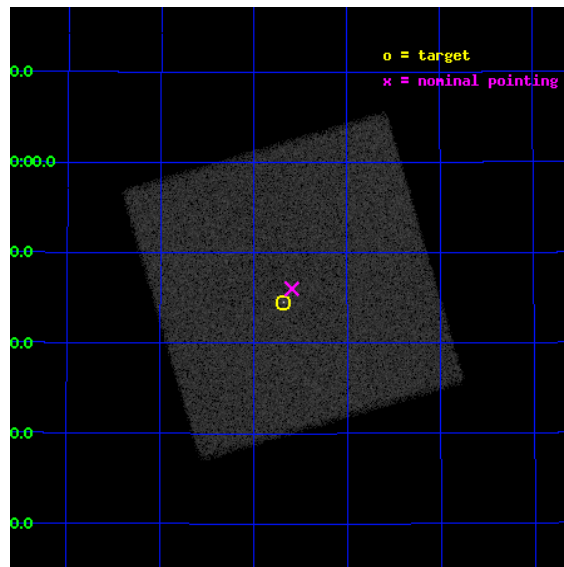
L2 Processing Date : Sep 4 2012

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1 Front

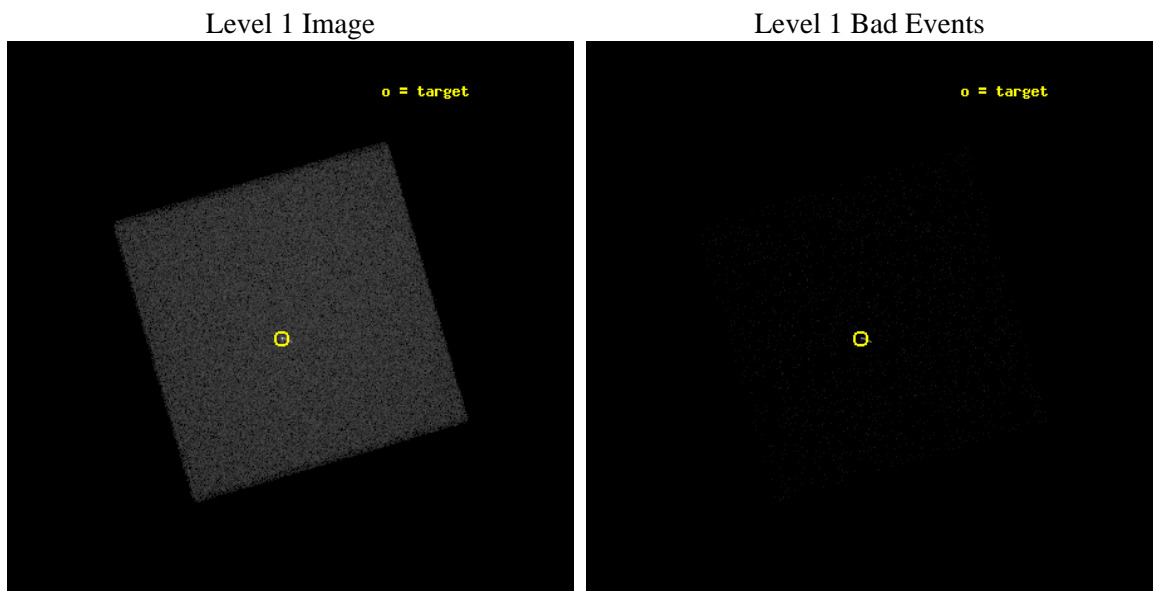
seq_num	290092	Sequence number
obs_id	2345	Observation id
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC,HRC-I,AO2A	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.14788287741	Nominal RA [deg]
dec_nom	45.76726831357	Nominal Dec [deg]
roll_nom	298.59653386685	Nominal Roll [deg]
revision	6	Processing version of data
ontime	1190.281295523	[s]
livetime	1169.8452565705	Ontime multiplied by DTCOR
l2events	150514	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1190.281295523	[s]
caldbver	4.5.1.1	 	l1events	229629	Number of level 1 events
date	2012-09-04T06:09:08	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

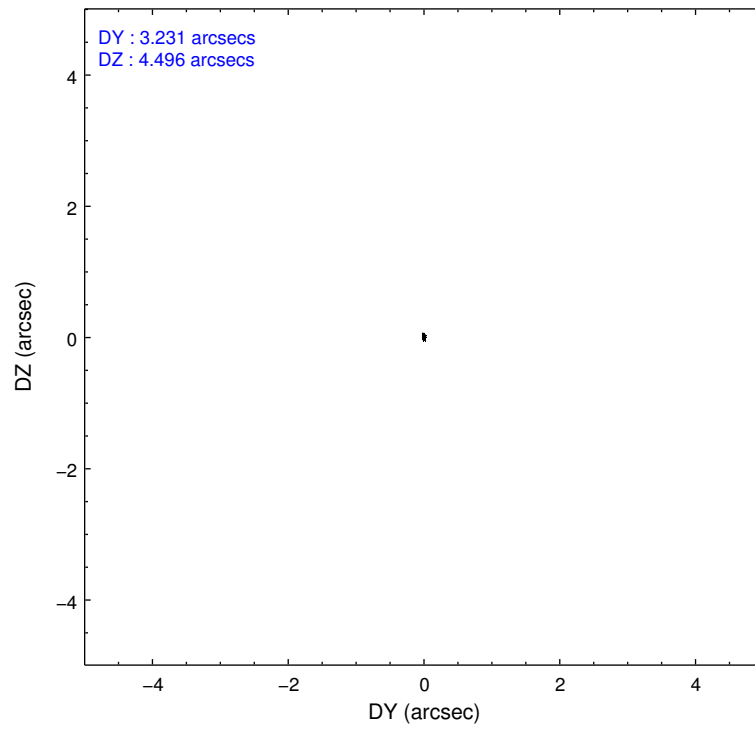
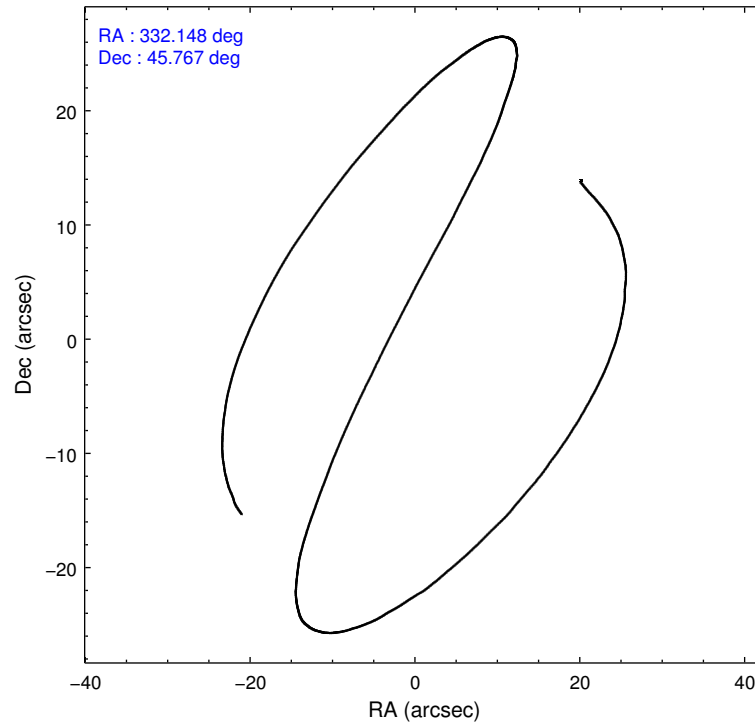
	segment 0
level 1 events	229629
rejected events	41535
rejected %	18%

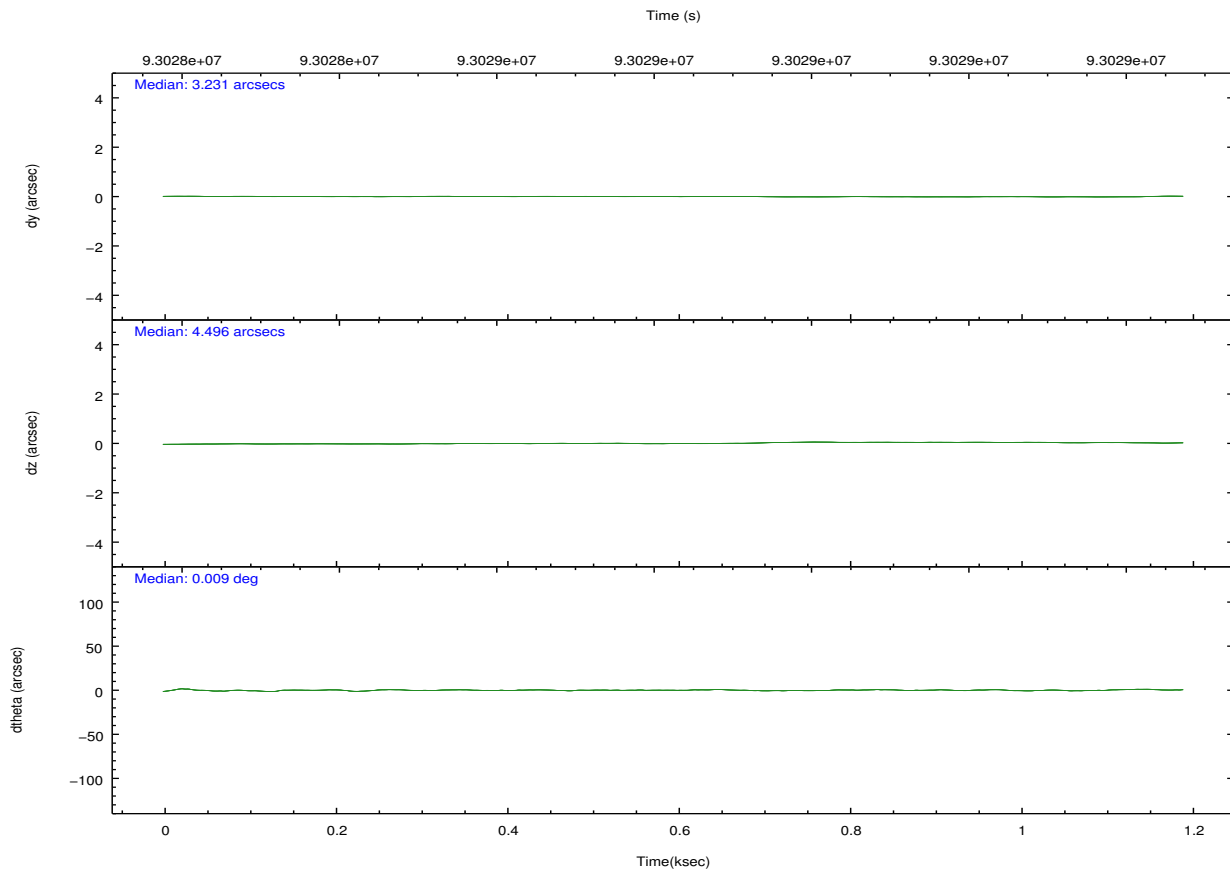
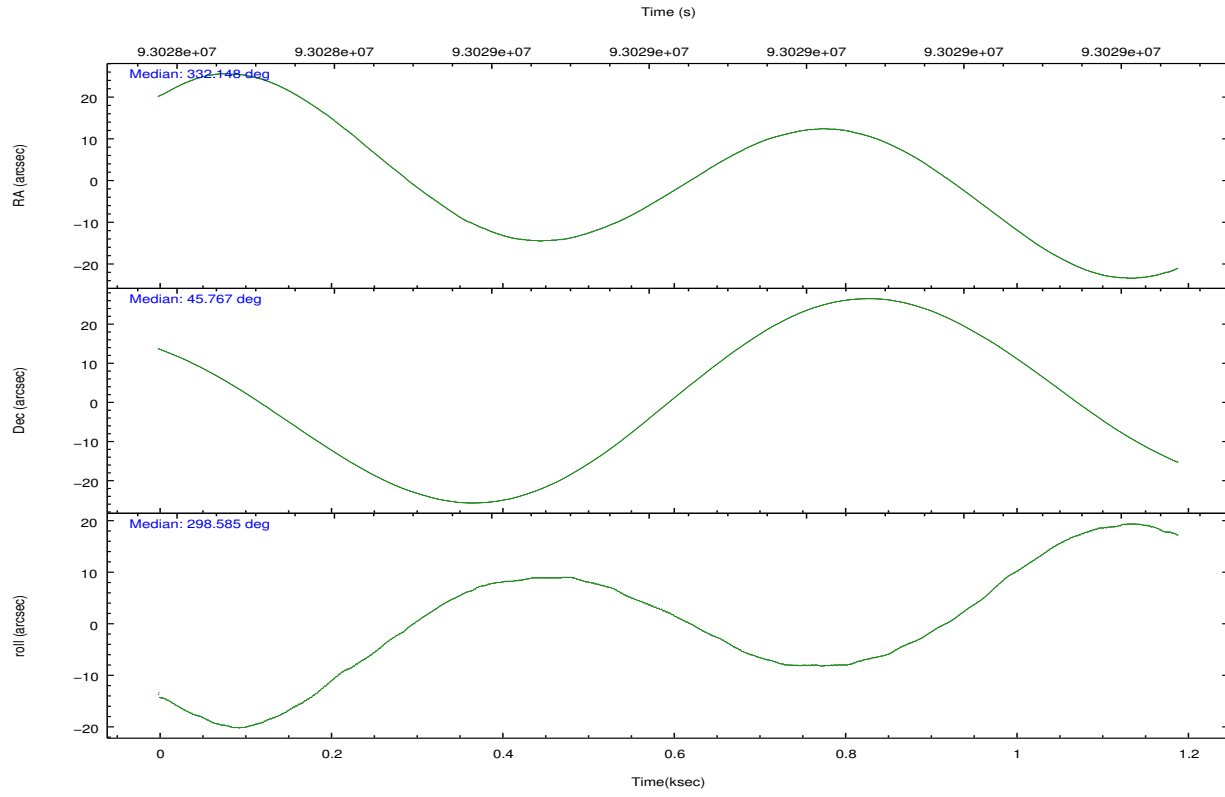
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.114056	332.1478828774133
[deg] Pointing Dec	45.780981	45.76726831357018
[deg] Pointing Roll	298.716291	298.5965338668524
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9854943052878
[mm] SIM translation stage offset	0	-5.413686238853188e-06
[s] Observation start time (MET)	93028421.184000	93028044.837511
Observation start date	2000-12-12T17:12:37	2000-12-12T17:07:24
[s] Observation end time (MET)	93029421.184000	93029554.662569
Observation end date	2000-12-12T17:29:17	2000-12-12T17:32:34

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



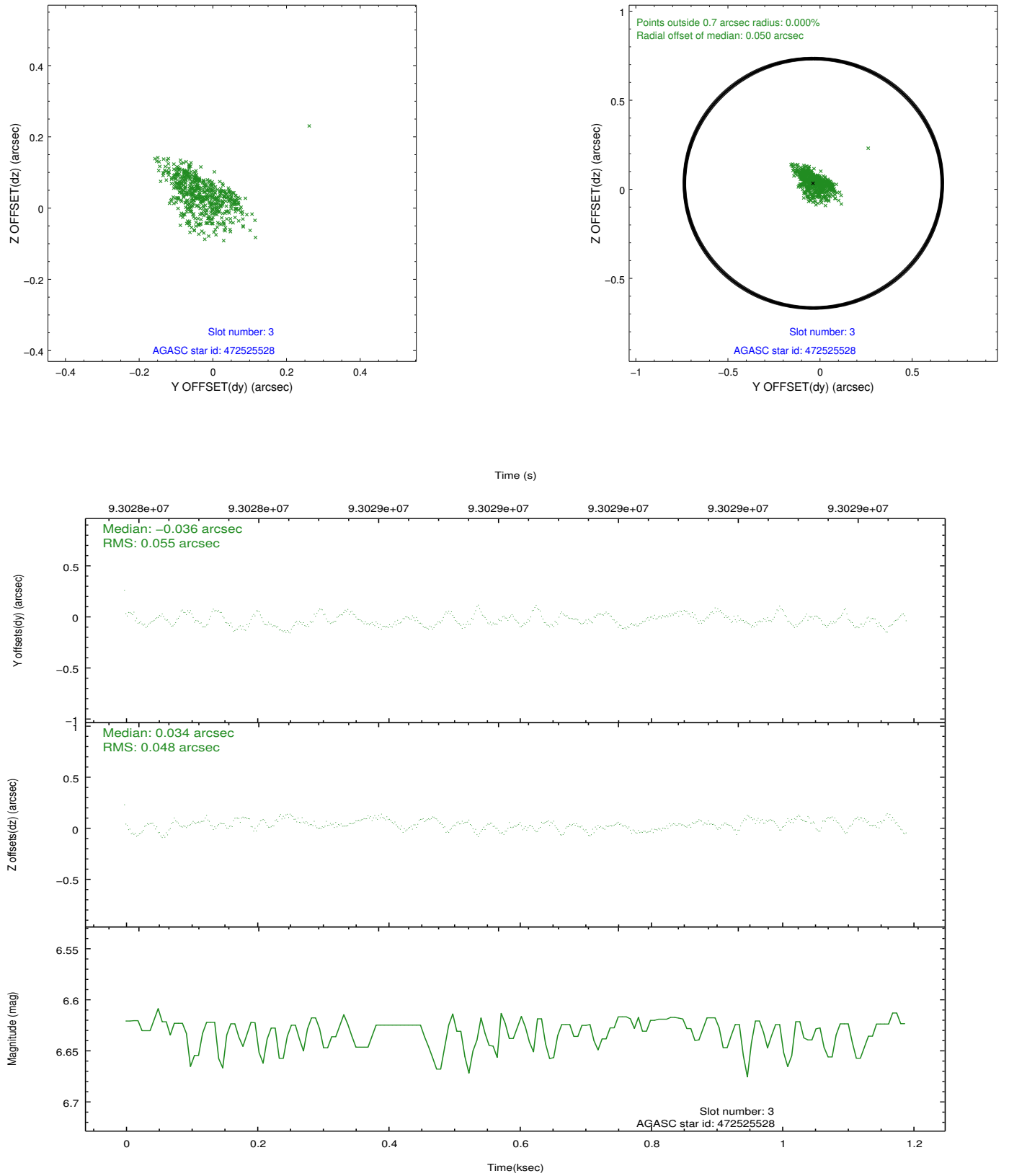


Slot Statistics

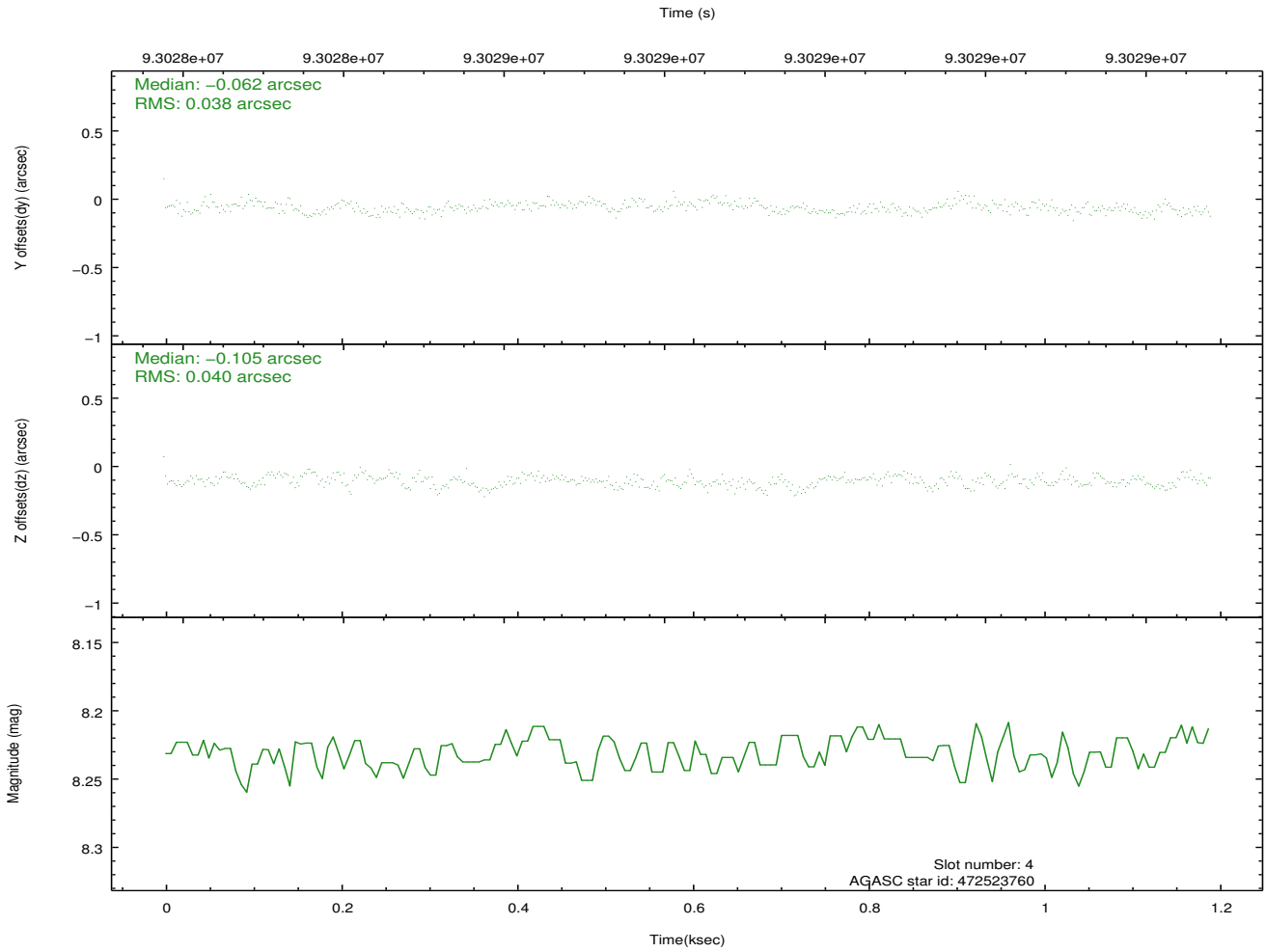
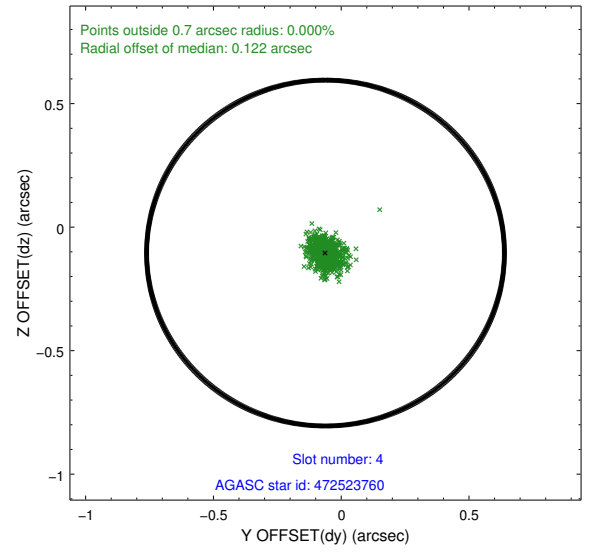
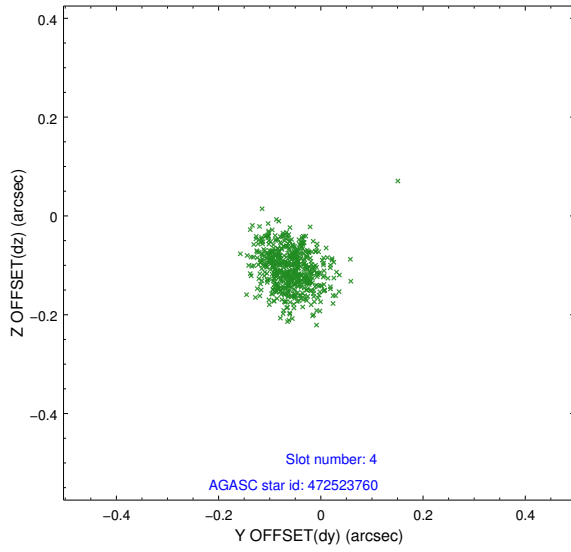
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	291	0.054	0.068	0.006	0.011	0.000000	0.000000	-758.66	-1292.26
1	FID	HRC-I-3	7.05	291	0.026	-0.096	0.007	0.012	0.000000	0.000000	-1189.78	1007.70
2	FID	HRC-I-4	6.99	291	0.034	-0.063	0.006	0.009	0.000000	0.000000	1280.03	1013.23
3	GUIDE	472525528	6.63	582	-0.036	0.034	0.078	0.120	331.551102	45.248694	990.63	-2171.13
4	GUIDE	472523760	8.23	582	-0.062	-0.105	0.057	0.092	331.645363	45.403260	621.88	-1696.10
5	GUIDE	472665256	9.01	582	-0.098	-0.104	0.075	0.118	332.808125	46.195041	-482.80	2231.83
6	GUIDE	472659832	9.47	582	-0.002	0.035	0.102	0.160	332.780399	46.098139	-209.89	2012.85
7	GUIDE	472646552	9.62	581	0.195	0.159	0.104	0.173	333.120915	45.571877	1864.37	1873.49

2.4 Star Slots

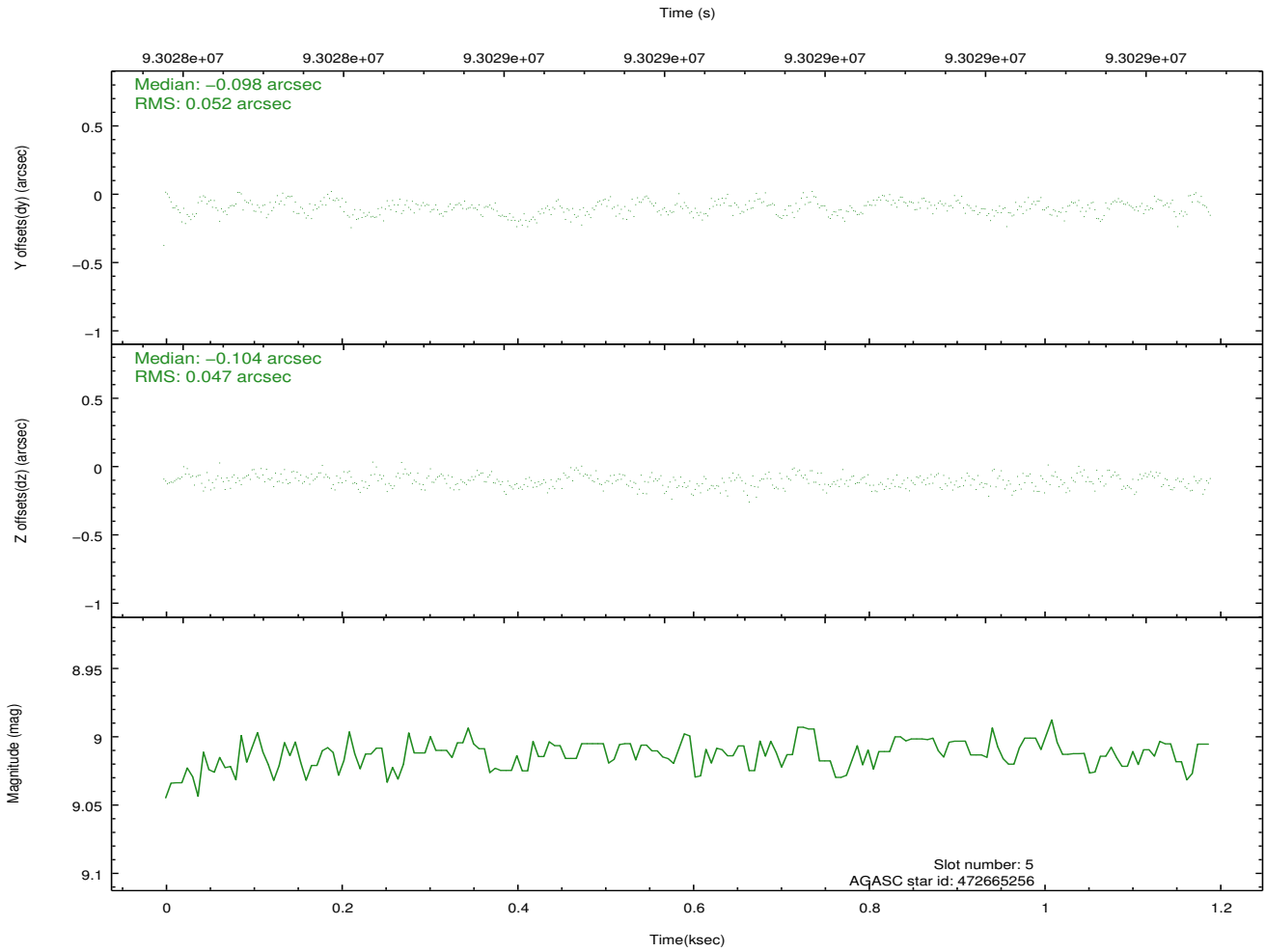
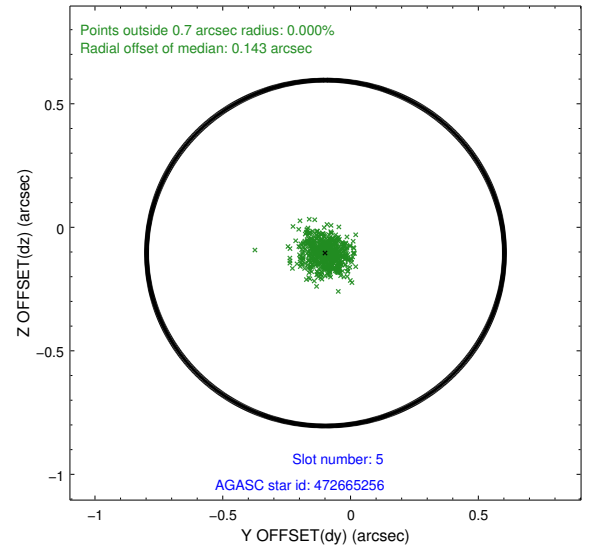
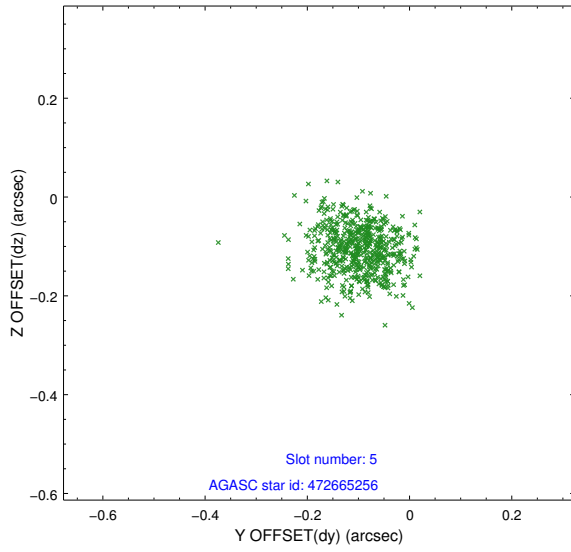
2.4.1 Slot 3



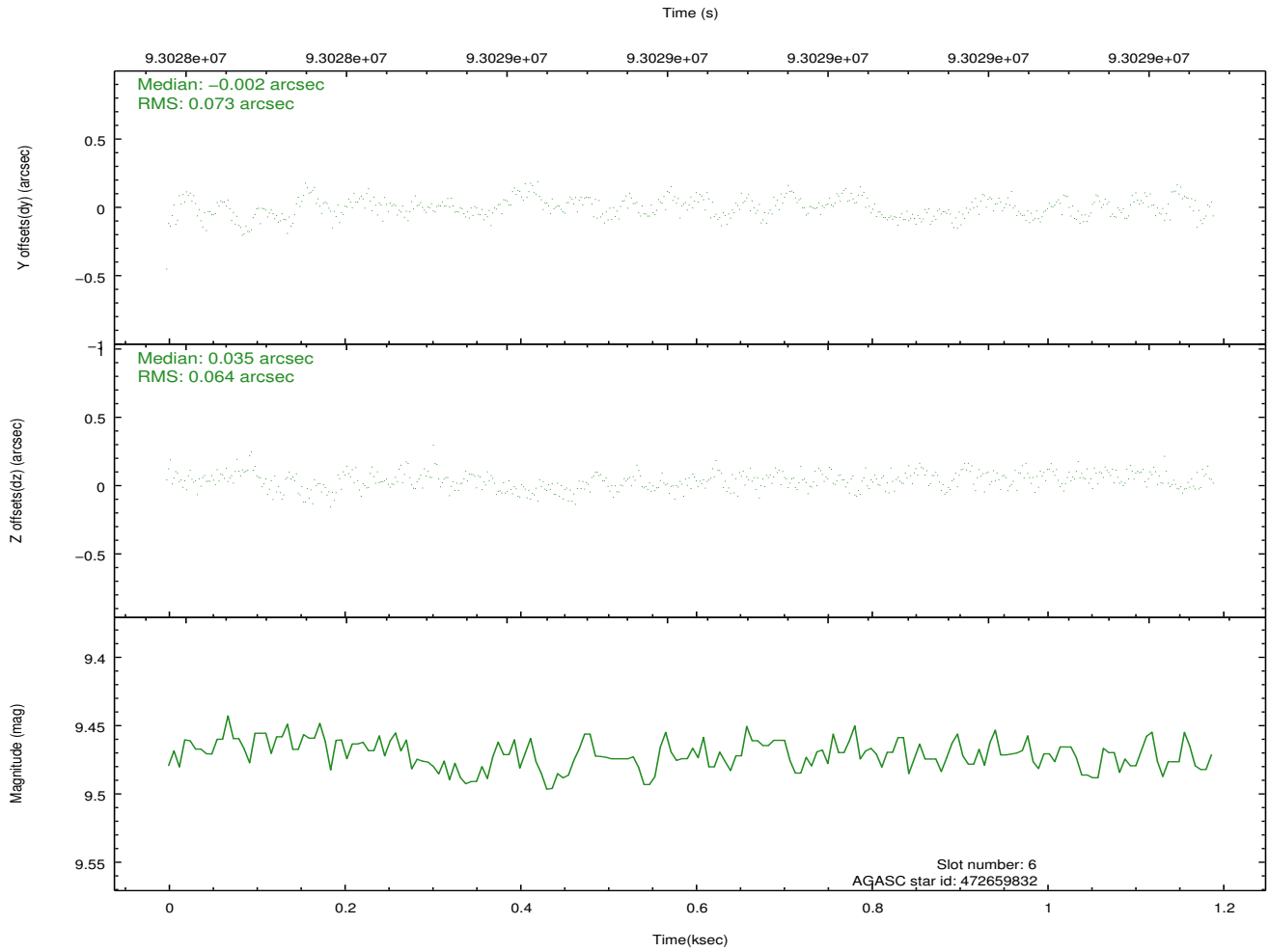
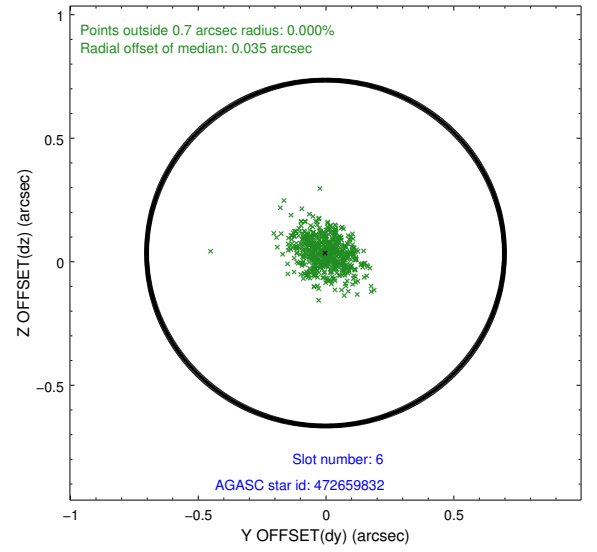
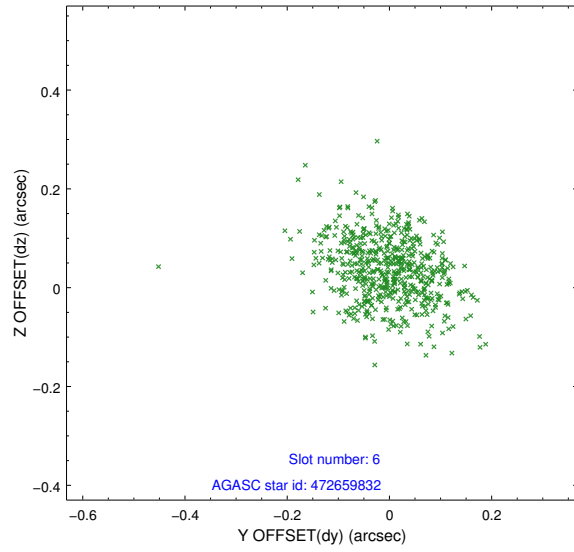
2.4.2 Slot 4



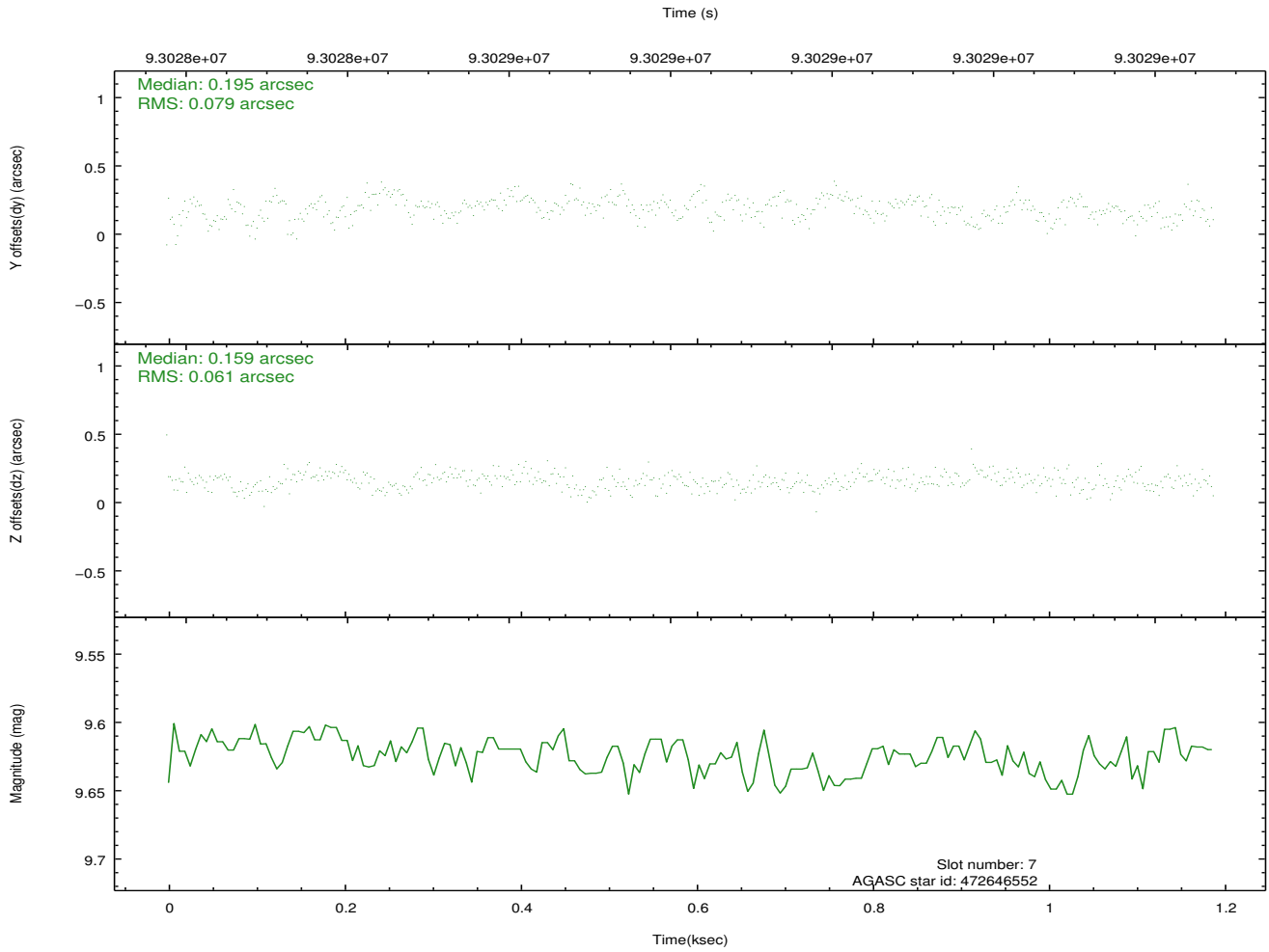
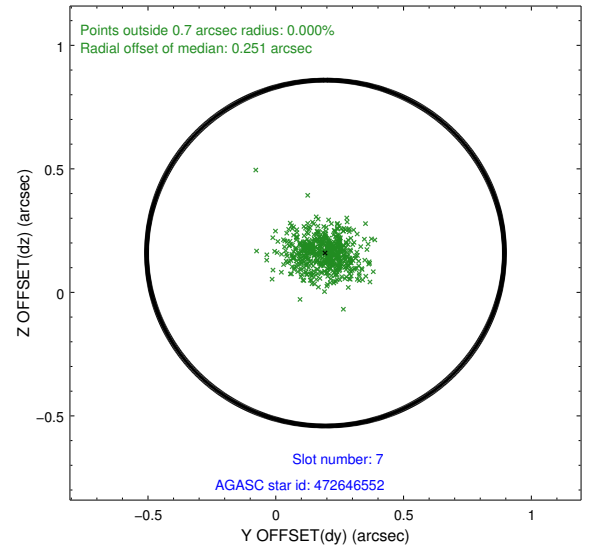
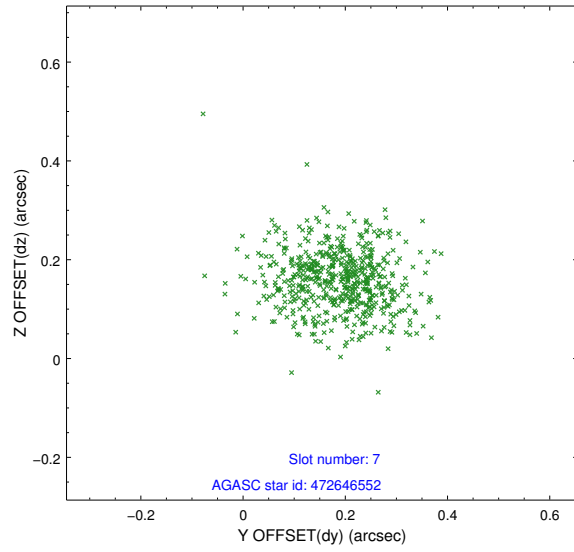
2.4.3 Slot 5



2.4.4 Slot 6

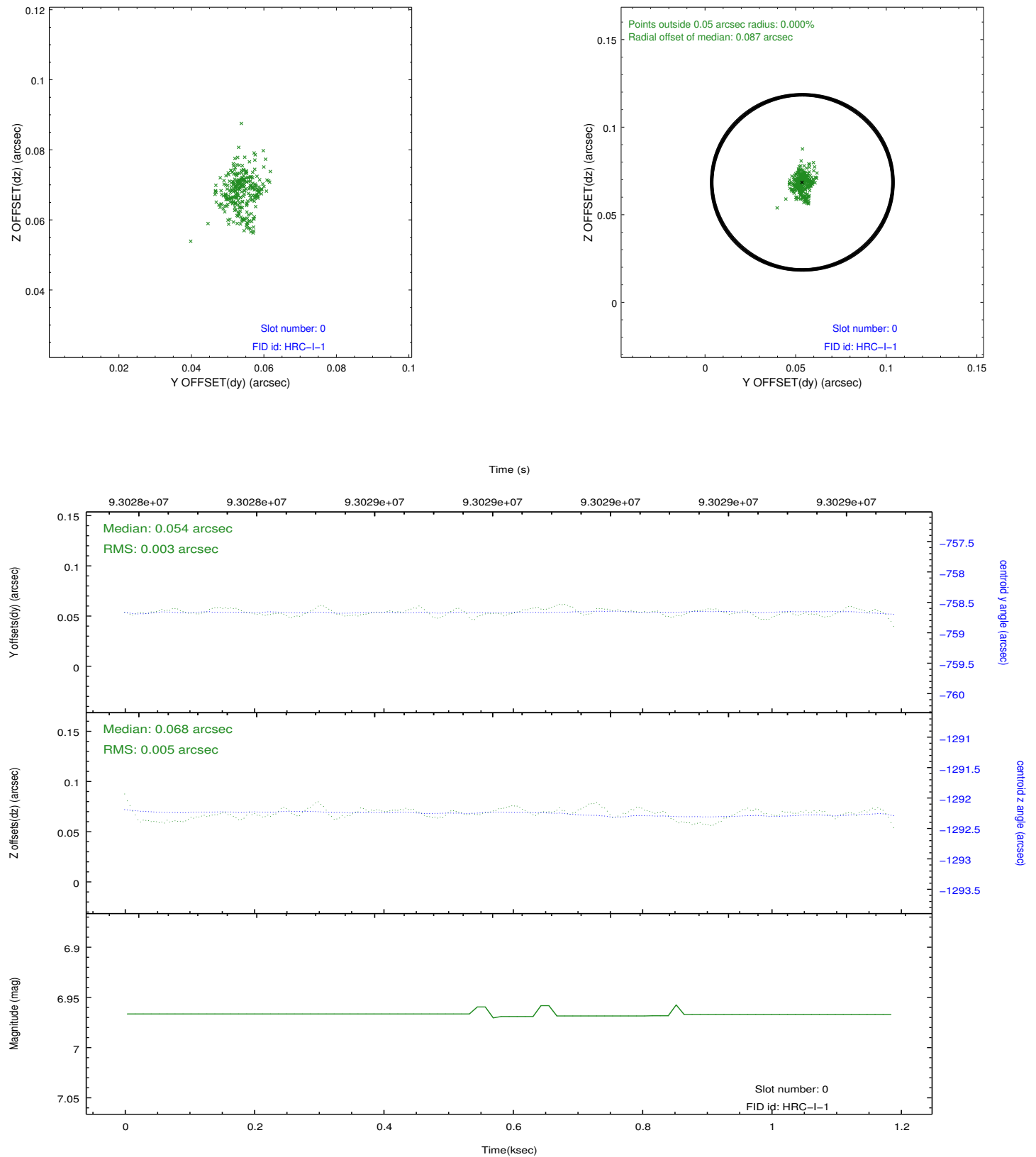


2.4.5 Slot 7

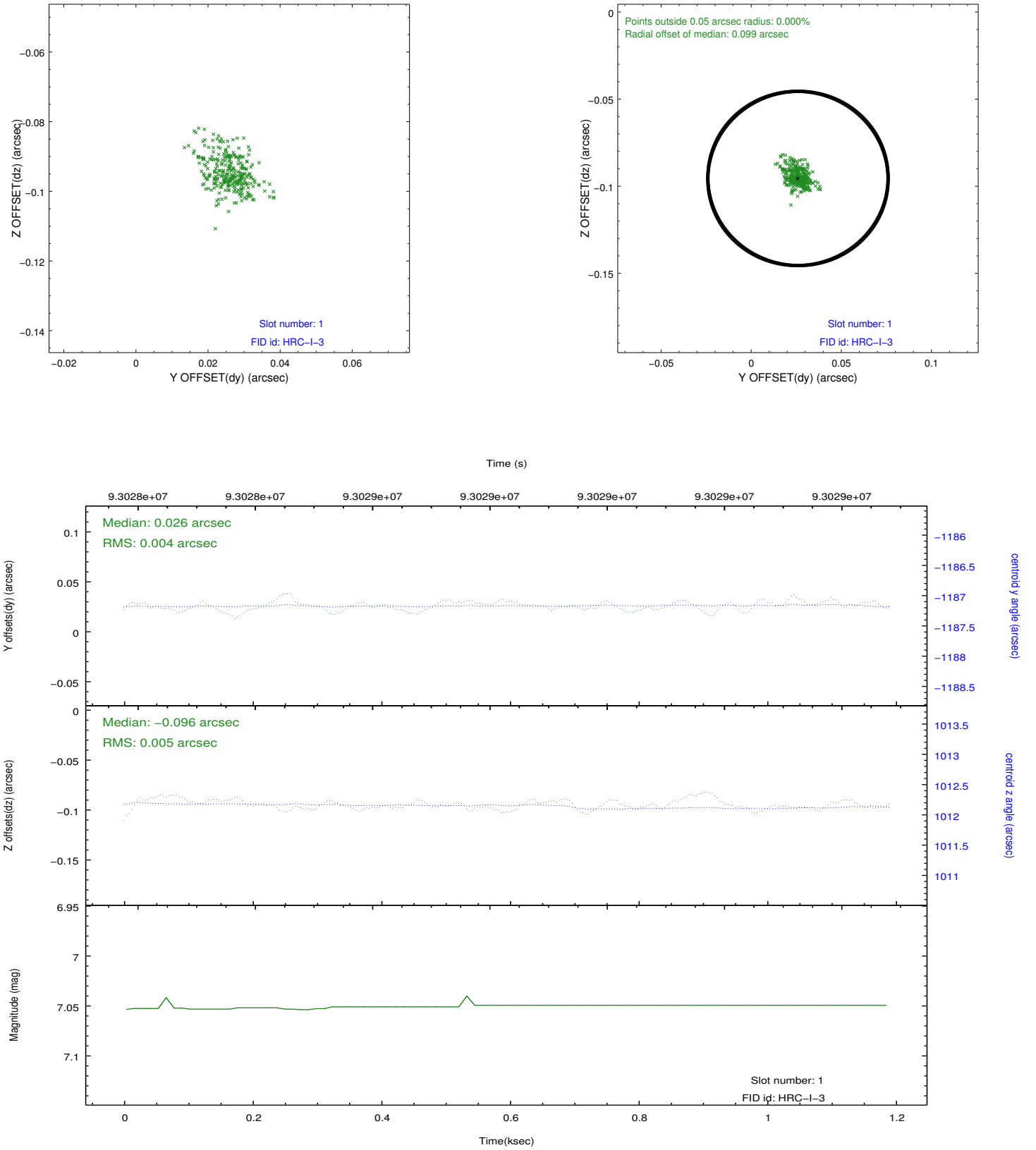


2.5 FID Slots

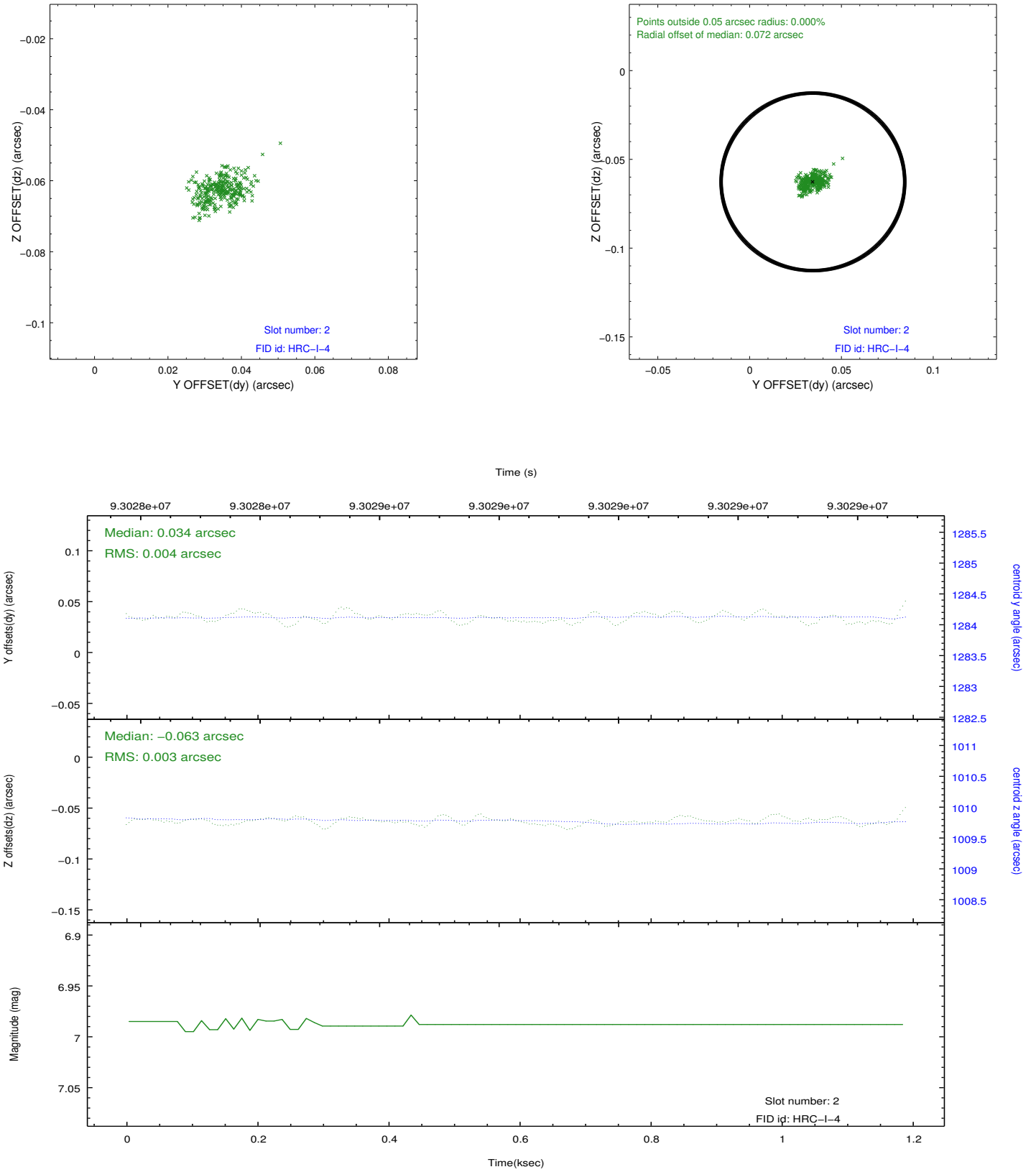
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.19

A.2 Comments