

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13056 - L2 Version 3
Chandra X-Ray Center

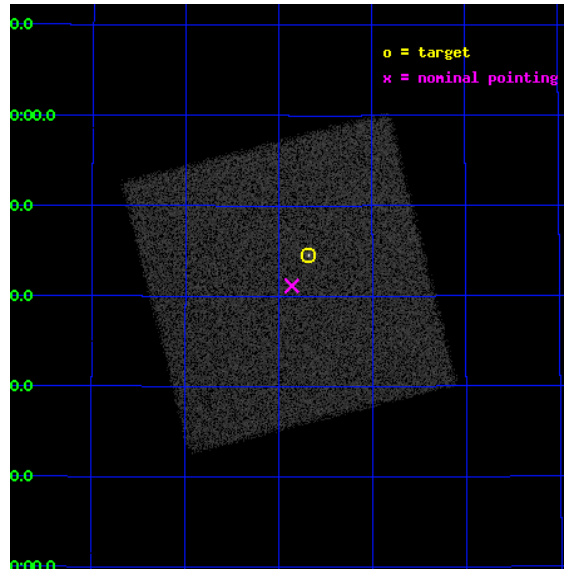
L2 Processing Date : Jul 27 2012

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1 Front

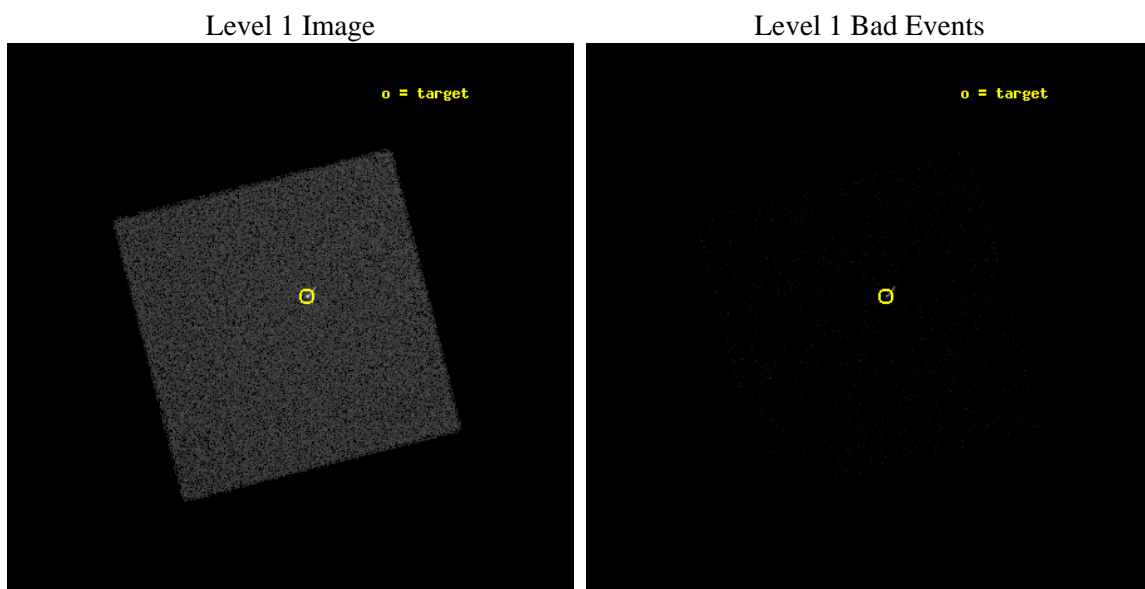
seq_num	290975	Sequence number
obs_id	13056	Observation id
title	AO-12 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.21517852106	Nominal RA [deg]
dec_nom	45.68604881834	Nominal Dec [deg]
roll_nom	210.69379753517	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1182.0813120008	[s]
livetime	1170.8574498689	Ontime multiplied by DTCOR
l2events	81819	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	1182.0813120008	[s]
caldbver	4.5.1	 	l1events	143086	Number of level 1 events
date	2012-07-28T01:33:17	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

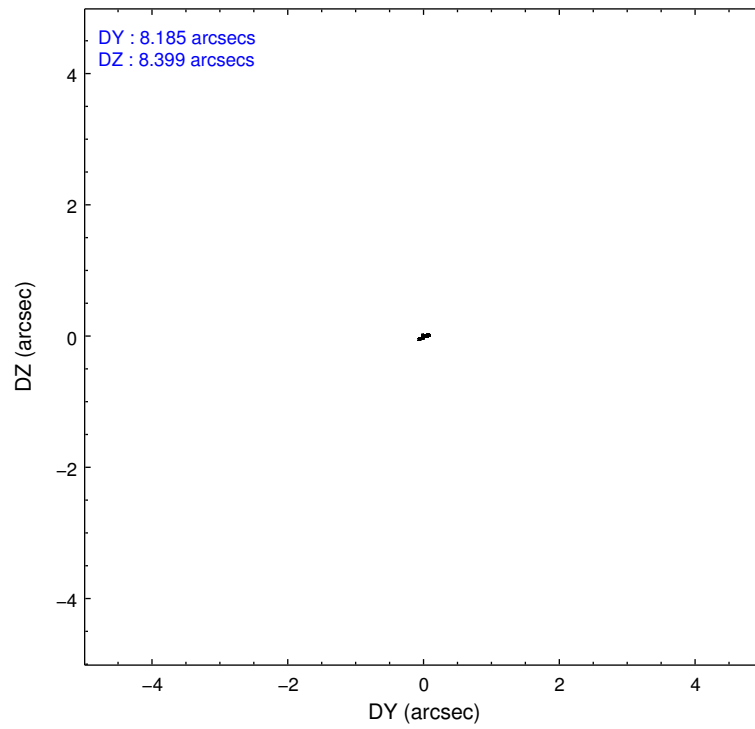
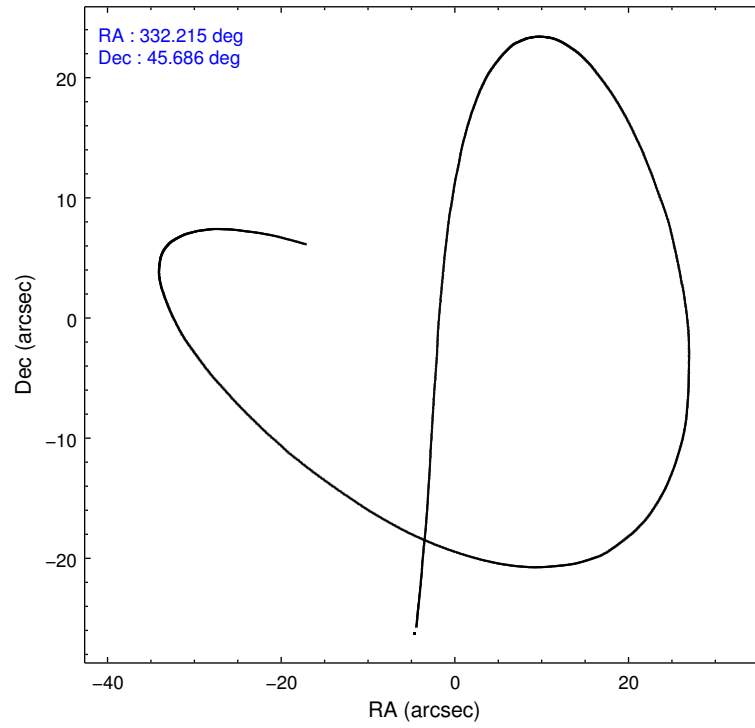
	segment 0
level 1 events	143086
rejected events	31172
rejected %	21%

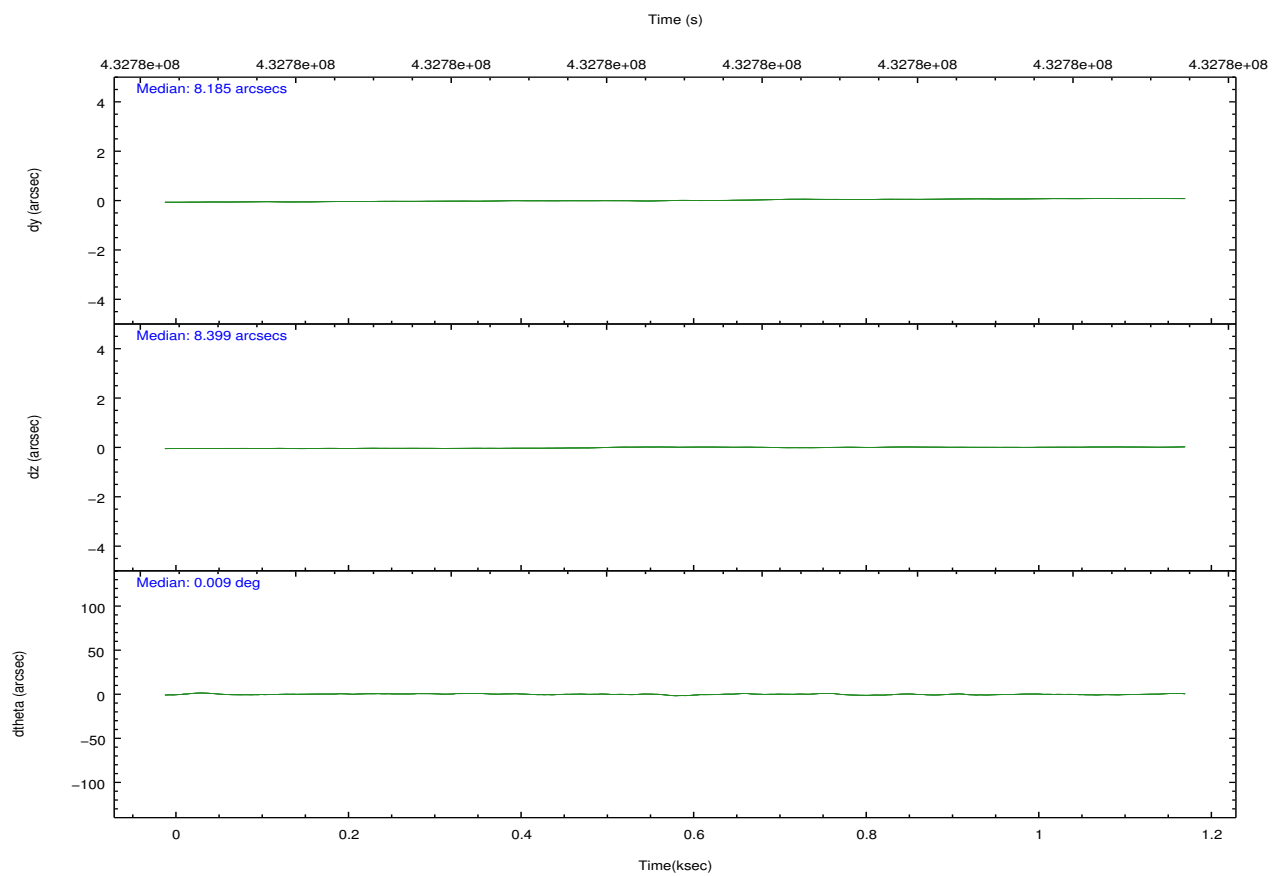
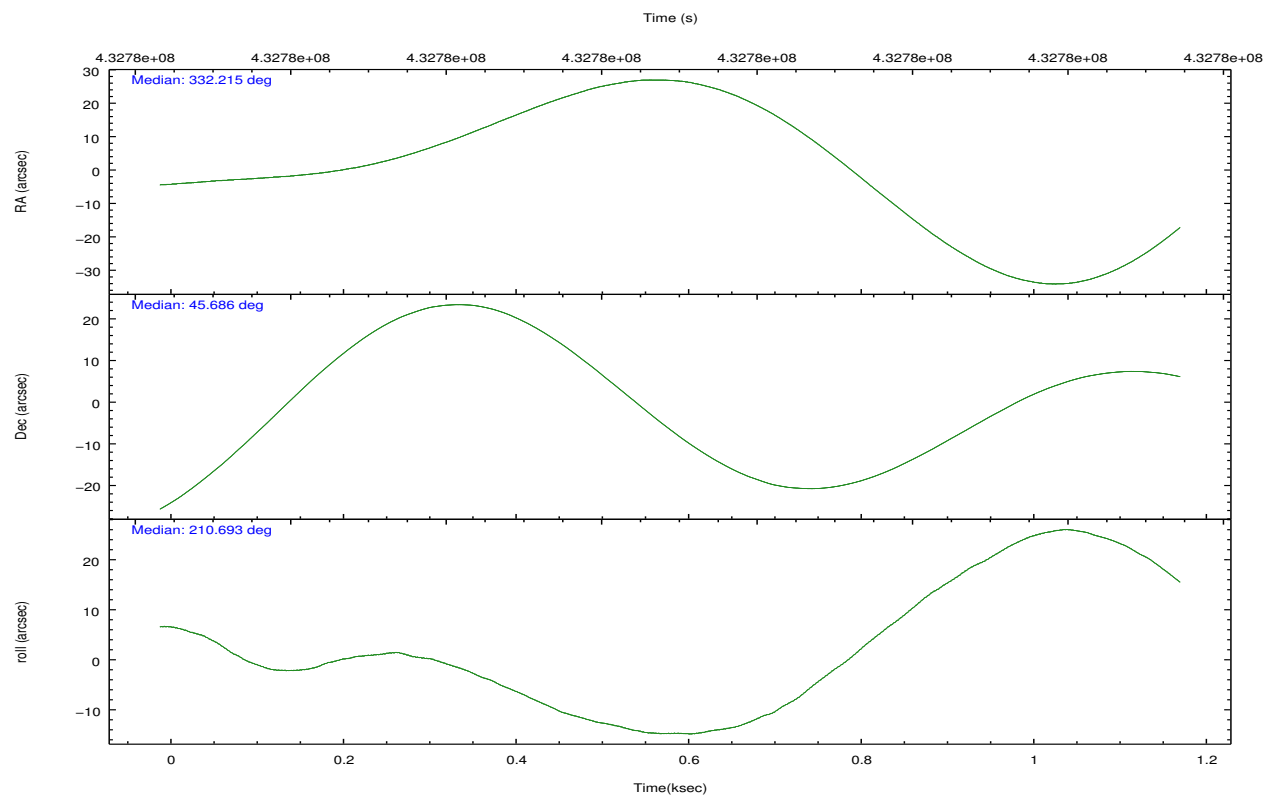
2.2 Compared Parameters

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	332.234277	332.2151785210617
[deg] Pointing Dec	45.709686	45.68604881834041
[deg] Pointing Roll	210.775628	210.6937975351688
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9829799899862
[mm] SIM translation stage offset	0	0.002508901615314585
[s] Observation start time (MET)	432781865.184000	432781489.42329
Observation start date	2011-09-19T01:09:59	2011-09-19T01:04:49
[s] Observation end time (MET)	432782865.184000	432783000.27337
Observation end date	2011-09-19T01:26:39	2011-09-19T01:30:00

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

2.3 Aspect



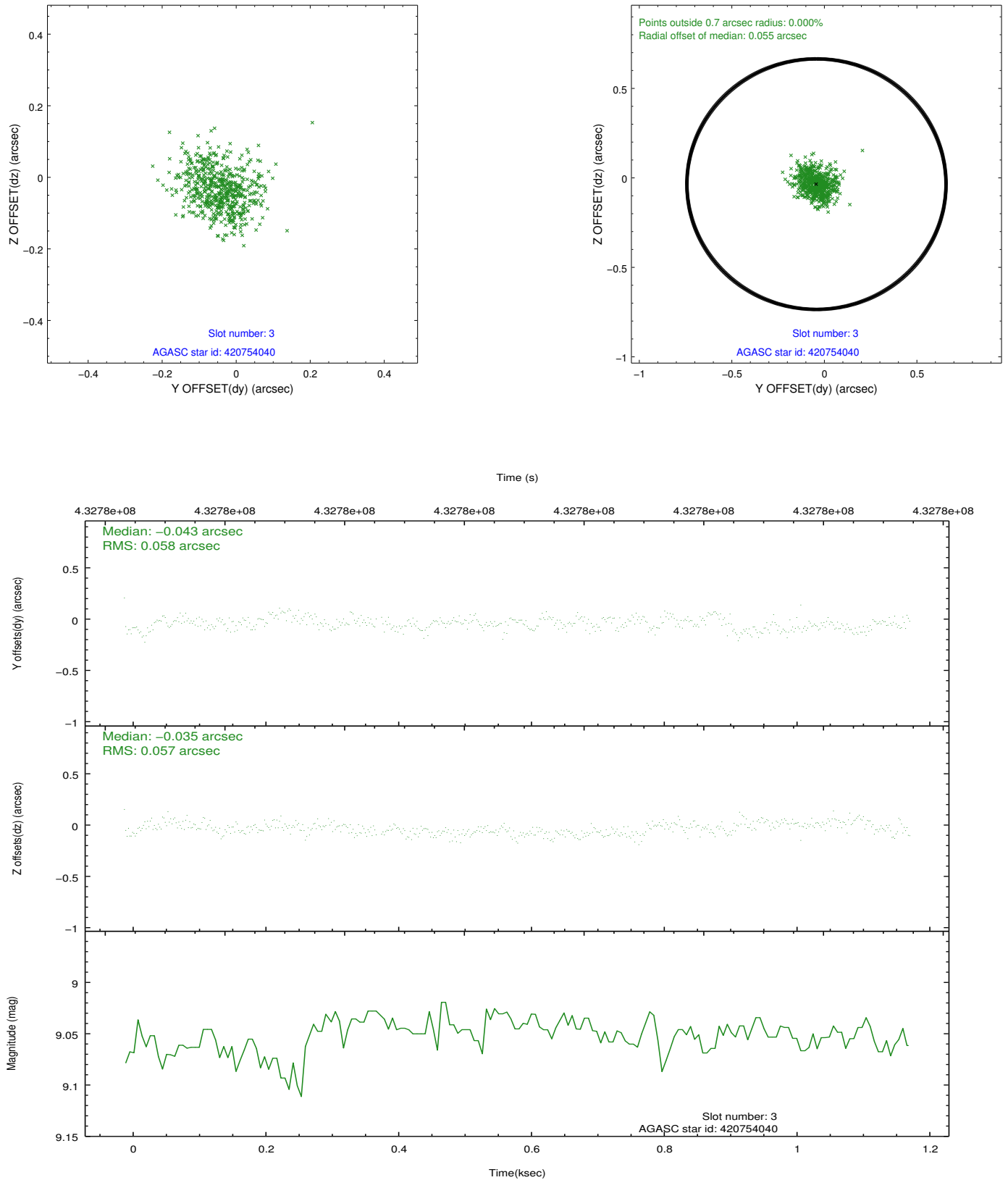


Slot Statistics

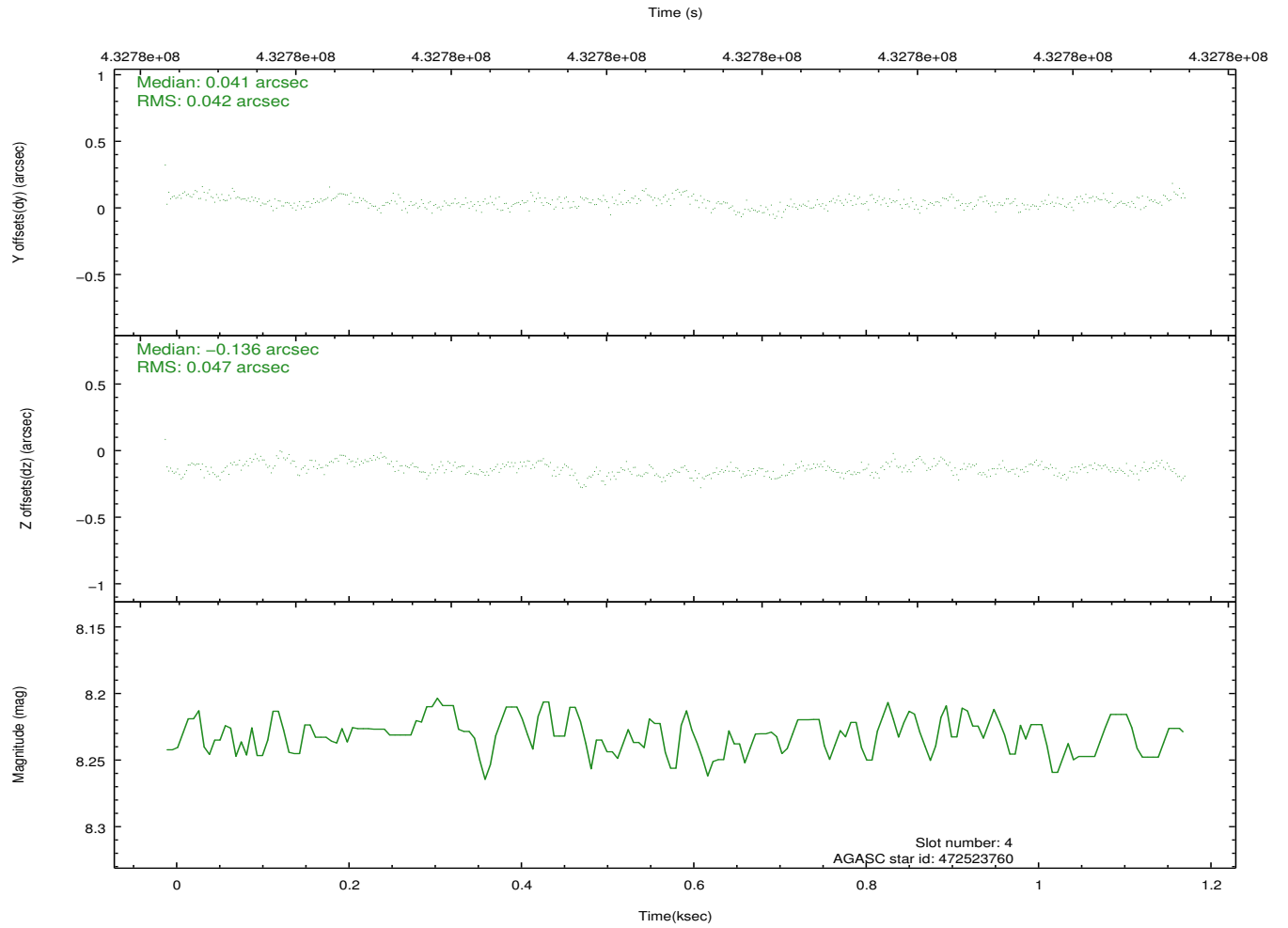
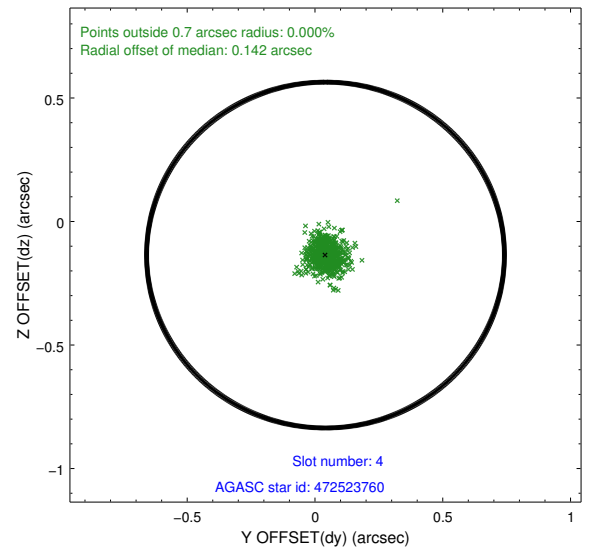
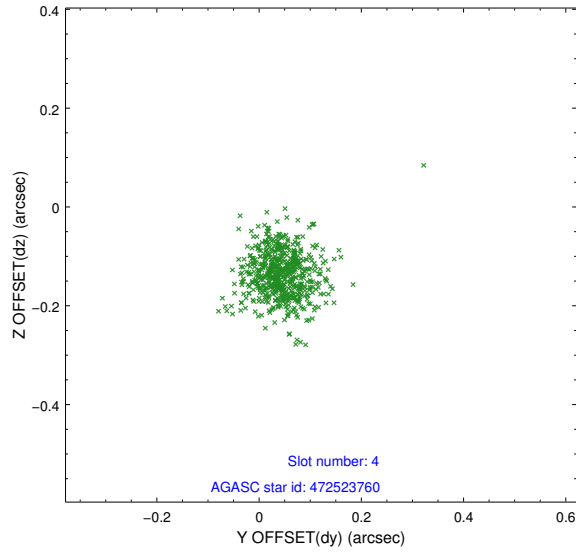
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	289	-0.031	0.046	0.008	0.014	0.000000	0.000000	-763.86	-1296.22
1	FID	HRC-I-2	6.98	289	0.219	-0.170	0.006	0.010	0.000000	0.000000	846.38	-1302.51
2	FID	HRC-I-3	7.03	289	-0.070	0.036	0.006	0.010	0.000000	0.000000	-1189.43	1003.83
3	GUIDE	420754040	9.05	574	-0.043	-0.035	0.088	0.137	331.917939	44.882543	2213.83	2146.78
4	GUIDE	472523760	8.23	578	0.041	-0.136	0.065	0.110	331.645363	45.403260	1843.77	187.43
5	GUIDE	472655152	9.43	578	0.120	0.096	0.117	0.190	332.504239	45.862991	-861.97	-125.90
6	GUIDE	472665256	9.00	578	0.230	0.056	0.094	0.159	332.808125	46.195041	-2127.38	-771.74
7	GUIDE	472525528	6.62	577	-0.350	0.031	0.072	0.124	331.551102	45.248694	2328.24	534.67

2.4 Star Slots

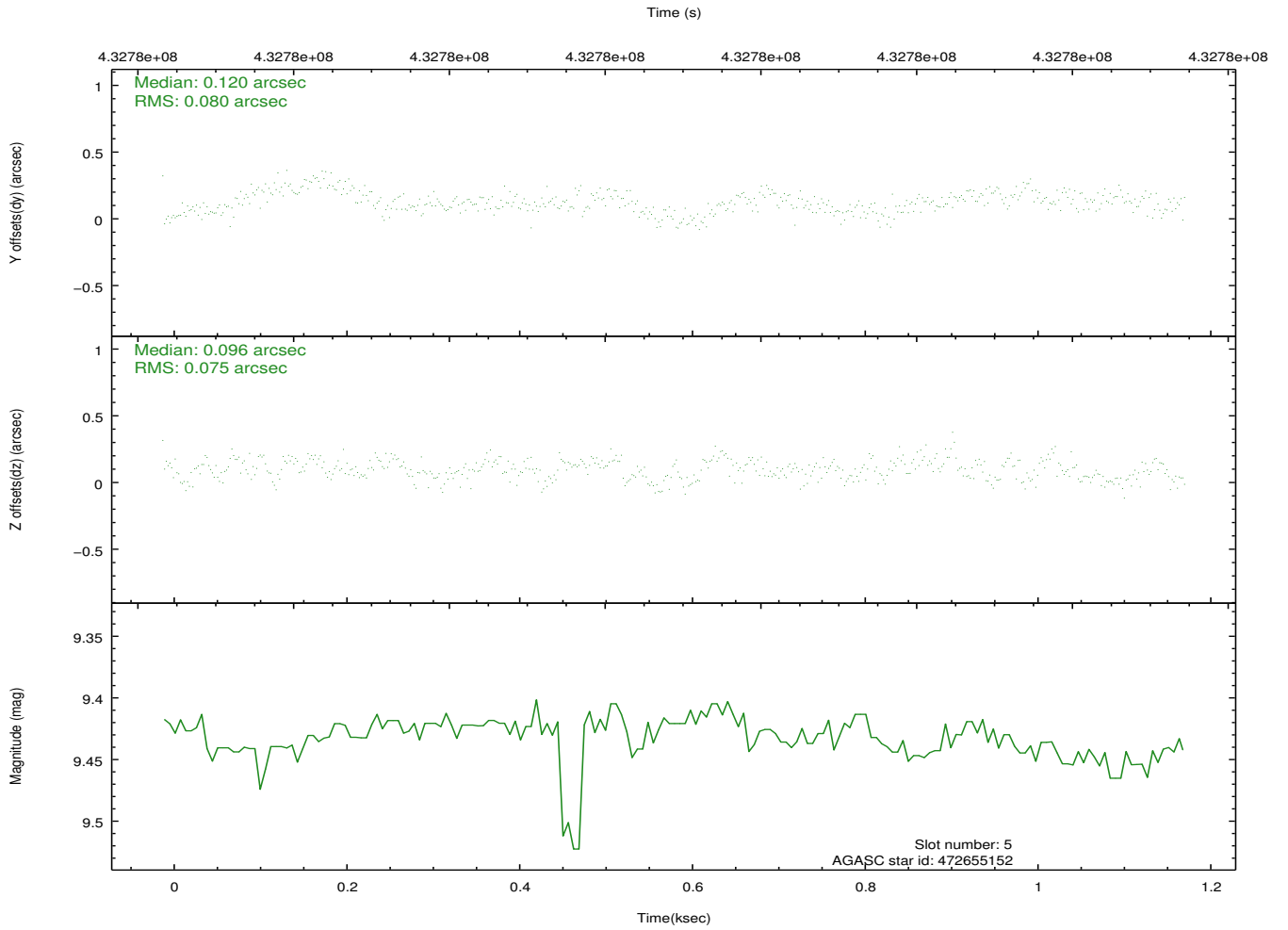
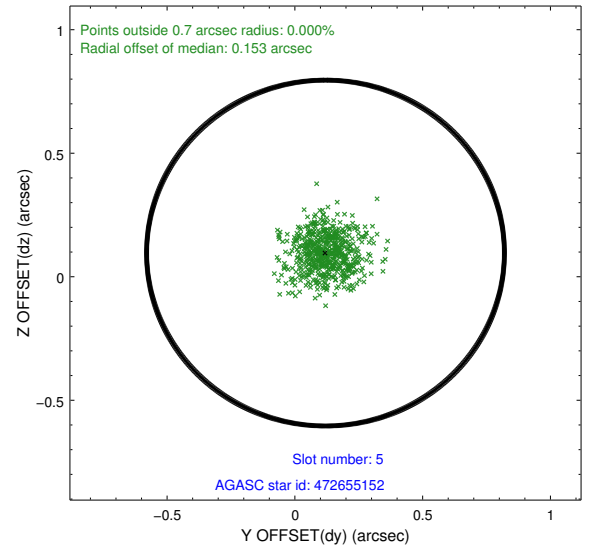
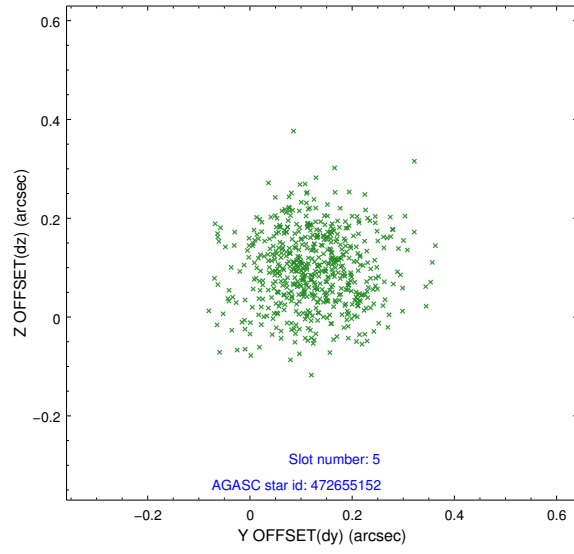
2.4.1 Slot 3



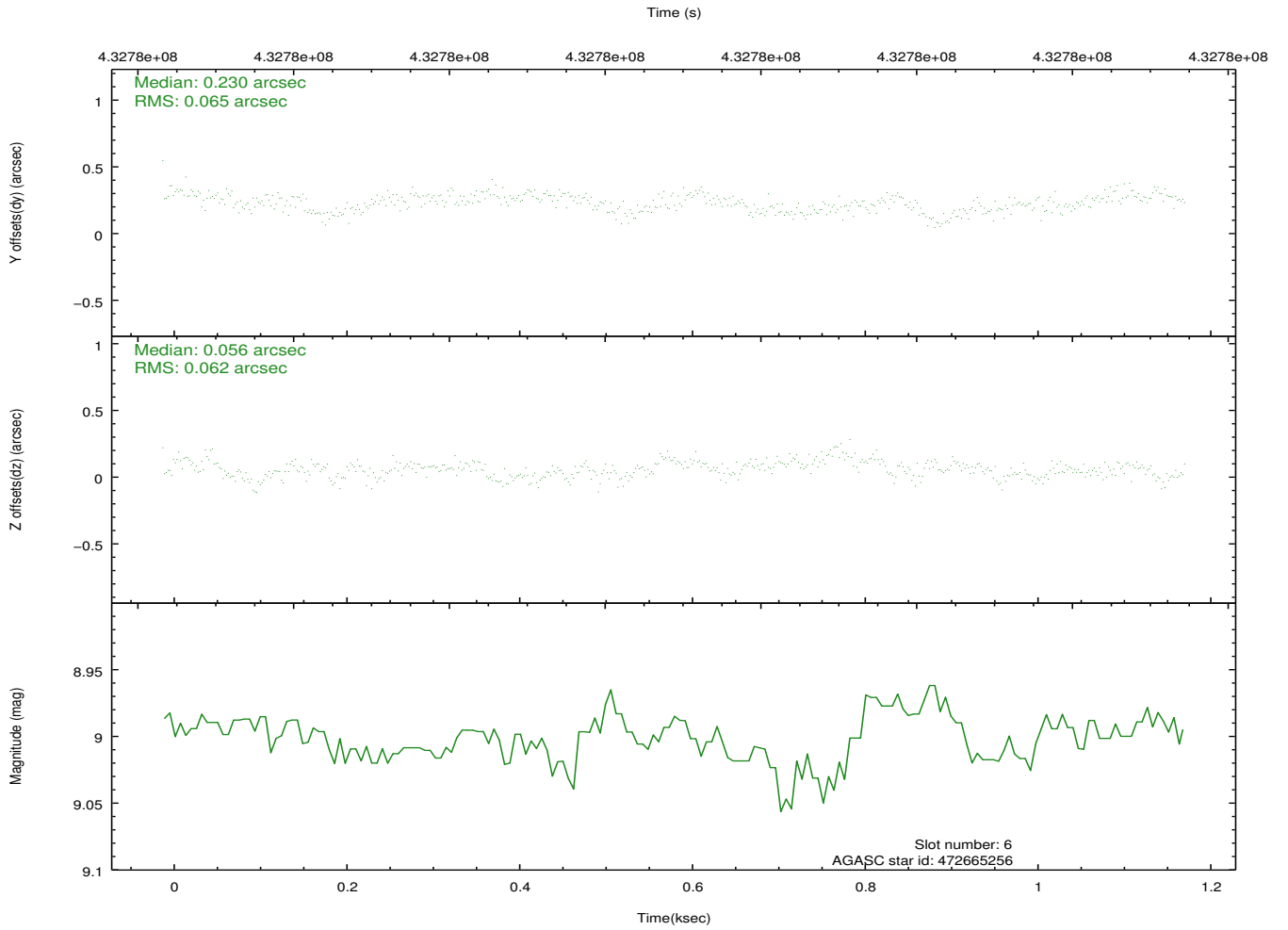
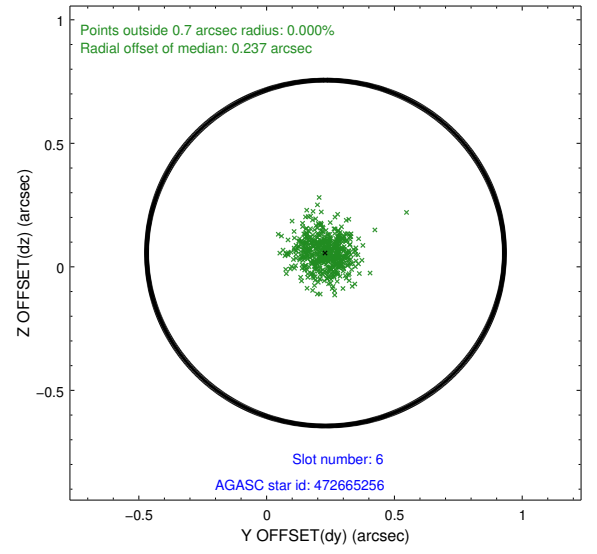
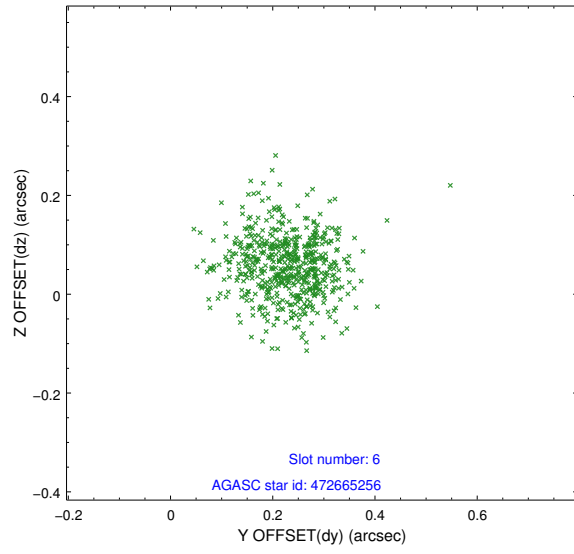
2.4.2 Slot 4



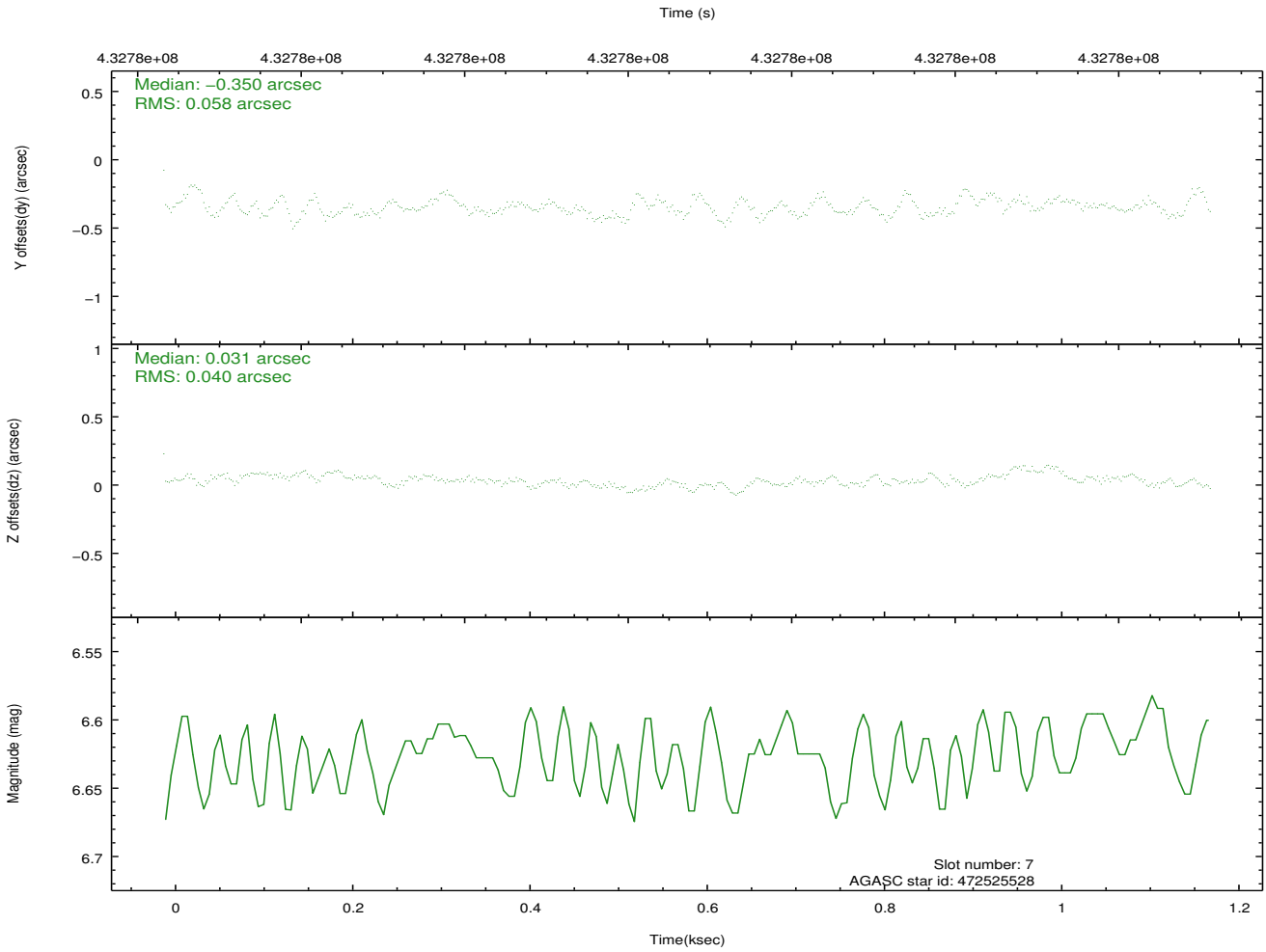
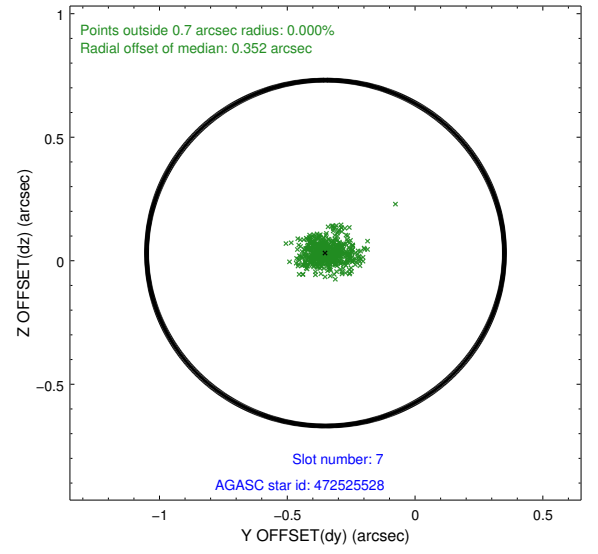
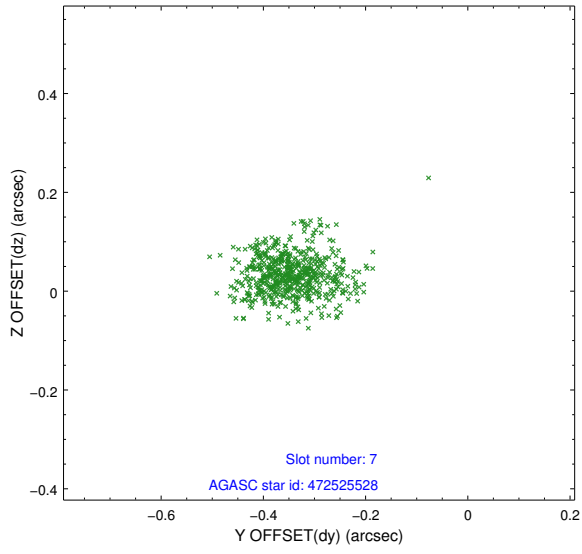
2.4.3 Slot 5



2.4.4 Slot 6

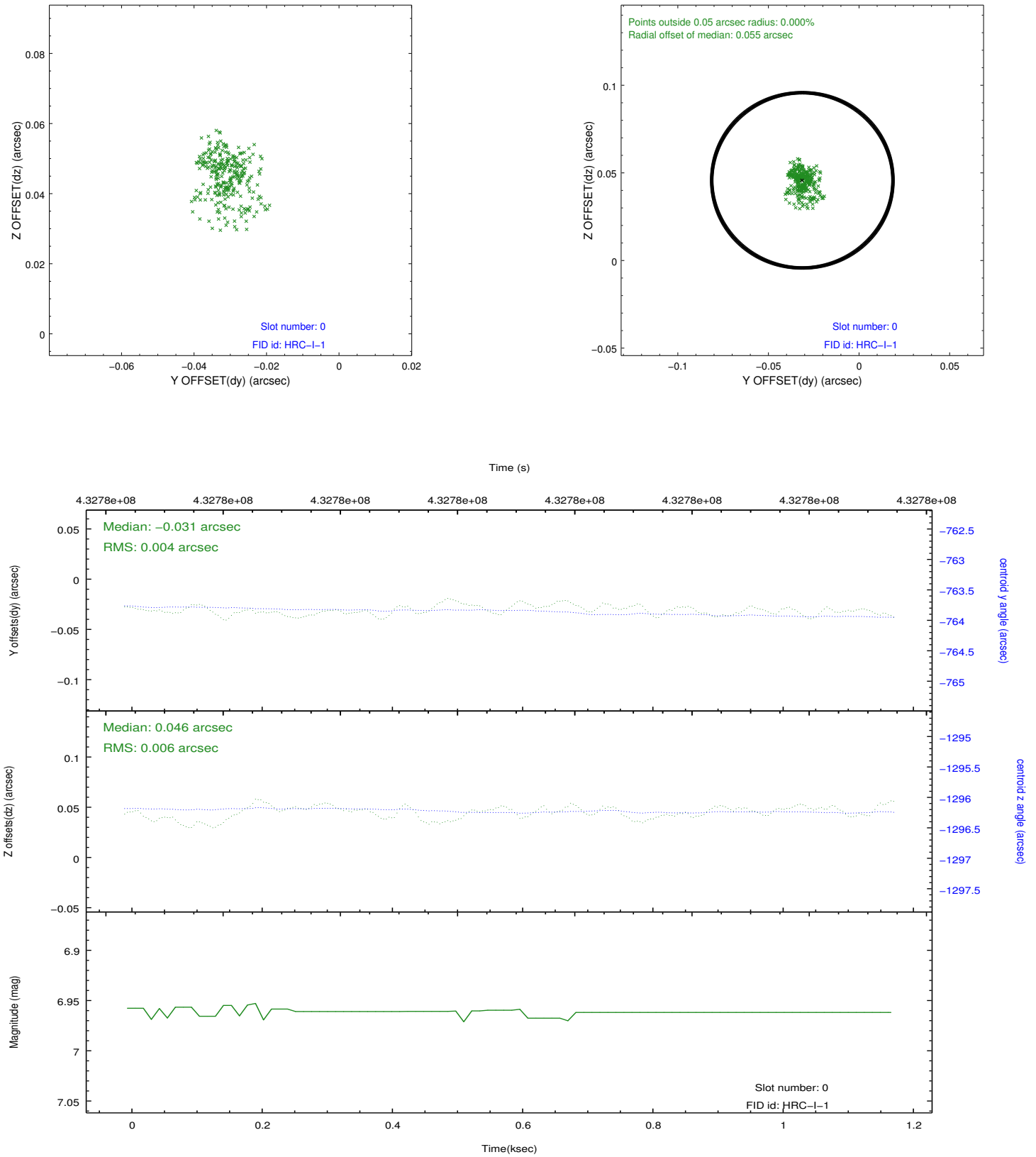


2.4.5 Slot 7

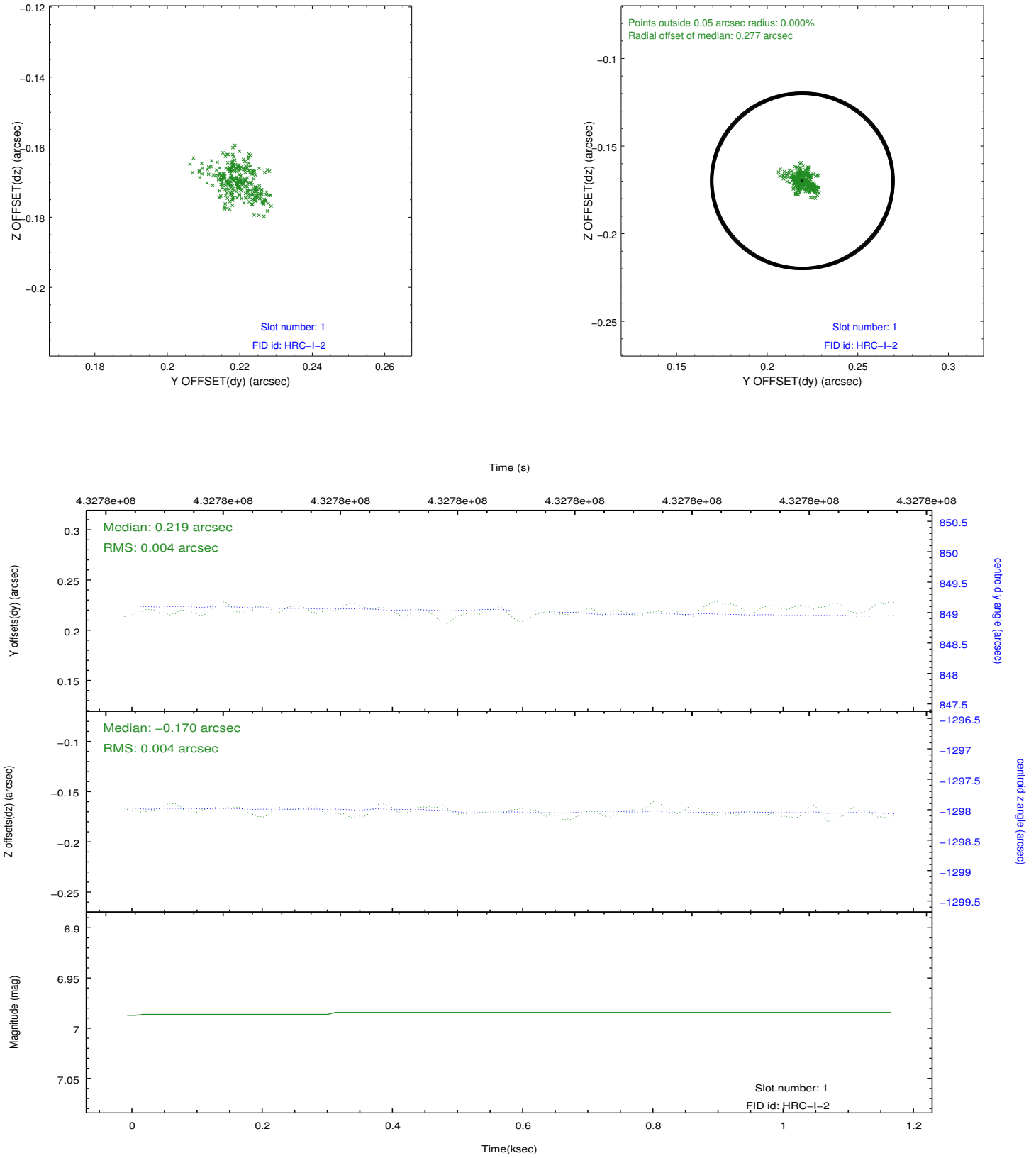


2.5 FID Slots

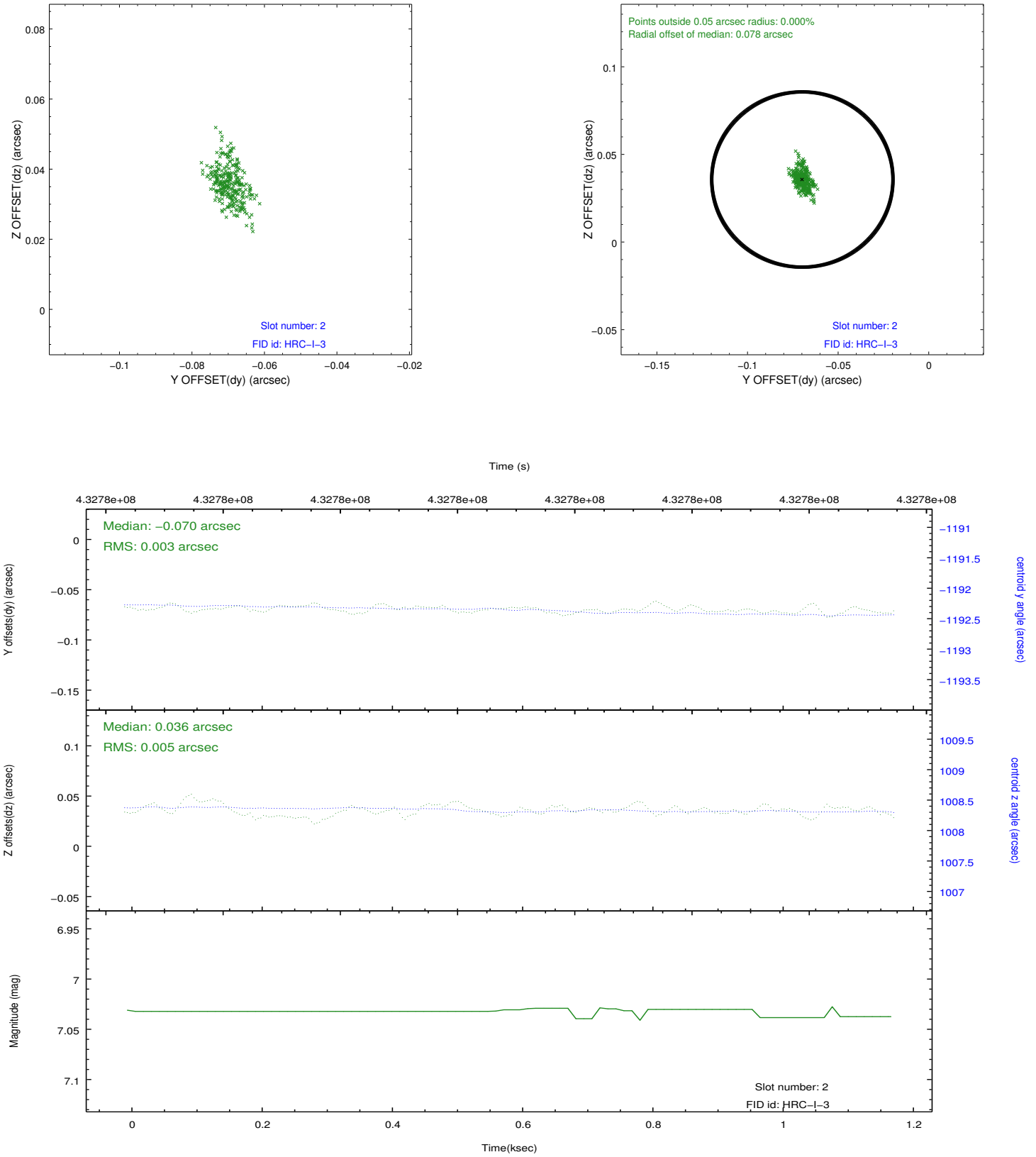
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.07.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1820813119411

A.2 Comments