

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2361 - L2 Version 6
Chandra X-Ray Center

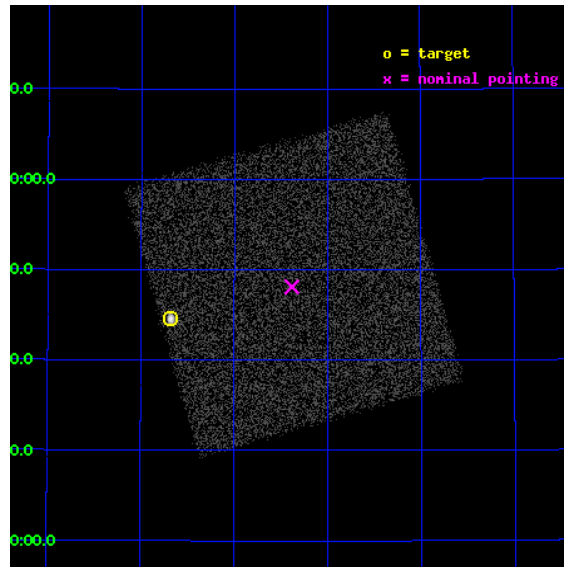
L2 Processing Date : Sep 4 2012

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1 Front

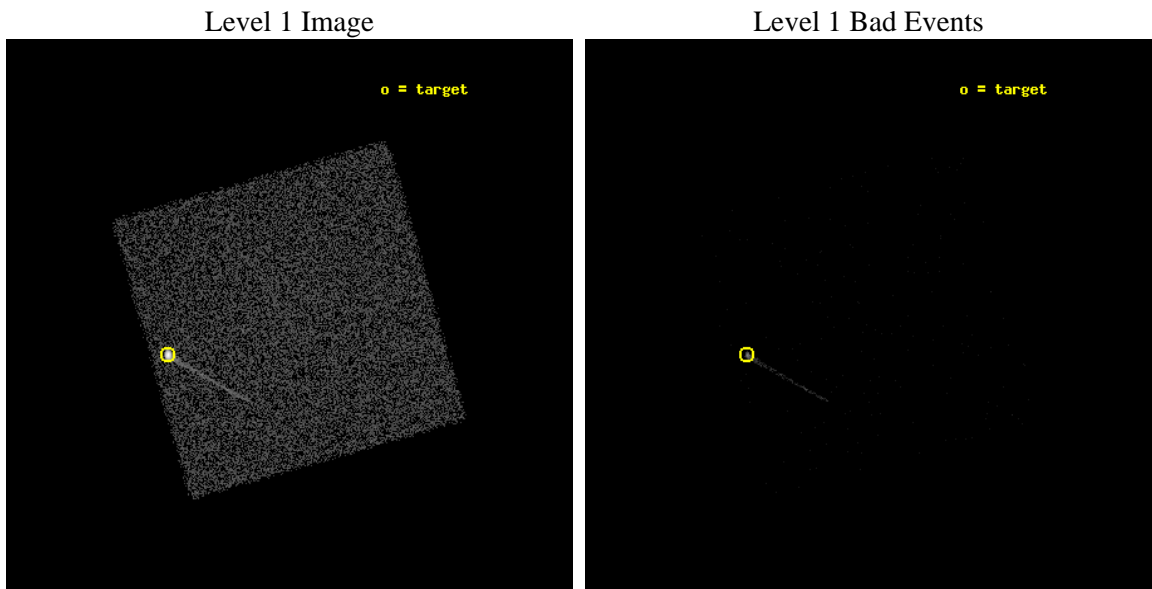
seq_num	290108	Sequence number
obs_id	2361	Observation id
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC,HRC-I,AO2A	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	331.84544930014	Nominal RA [deg]
dec_nom	45.802213056847	Nominal Dec [deg]
roll_nom	299.03144883332	Nominal Roll [deg]
revision	6	Processing version of data
ontime	1190.281295523	[s]
livetime	1184.5263228007	Ontime multiplied by DTCOR
l2events	32917	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	58503	Number of level 1 events
date	2012-09-04T06:23:17	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

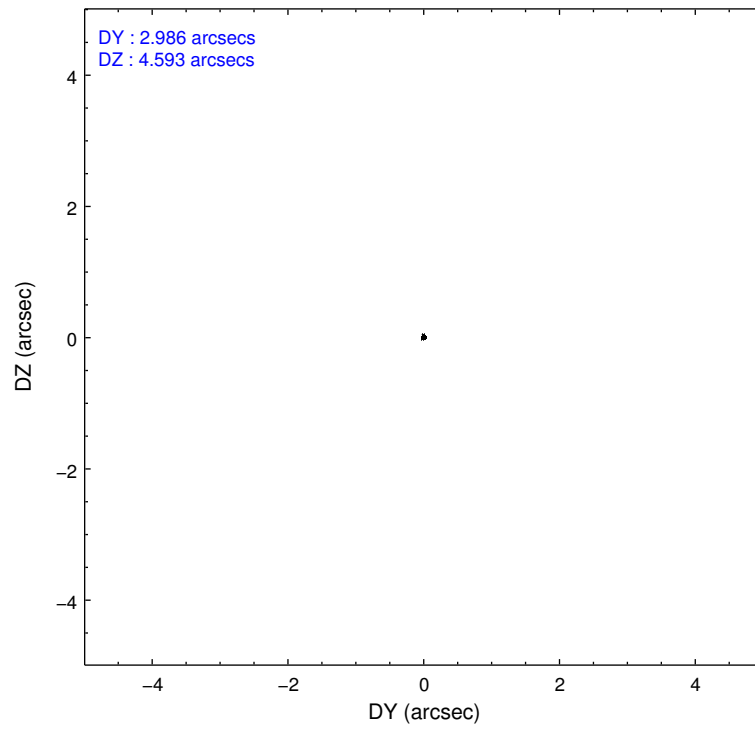
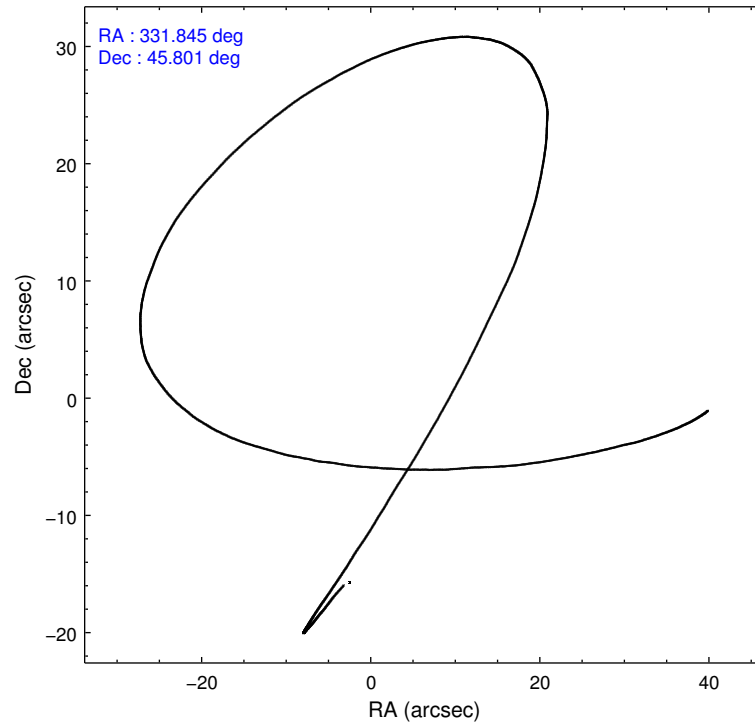
	segment 0
level 1 events	58503
rejected events	12331
rejected %	21%

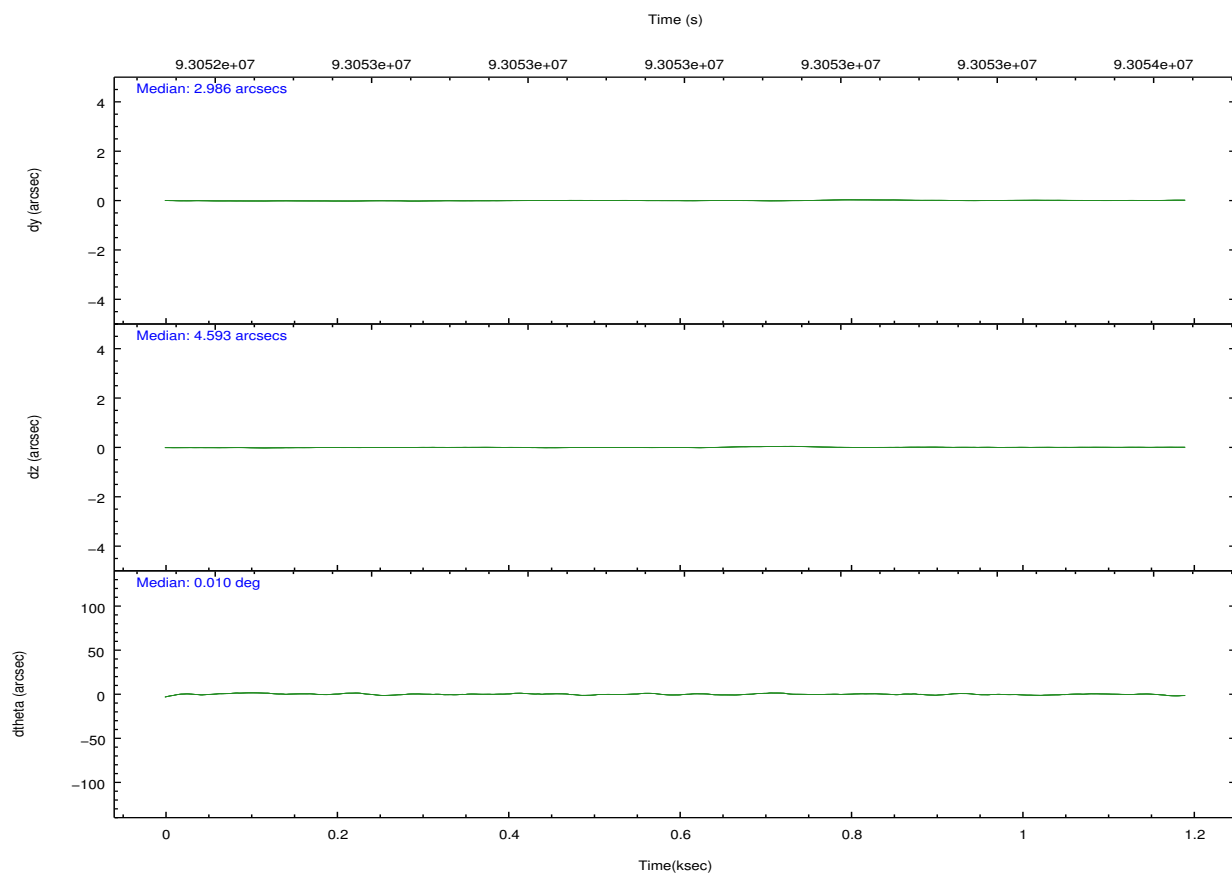
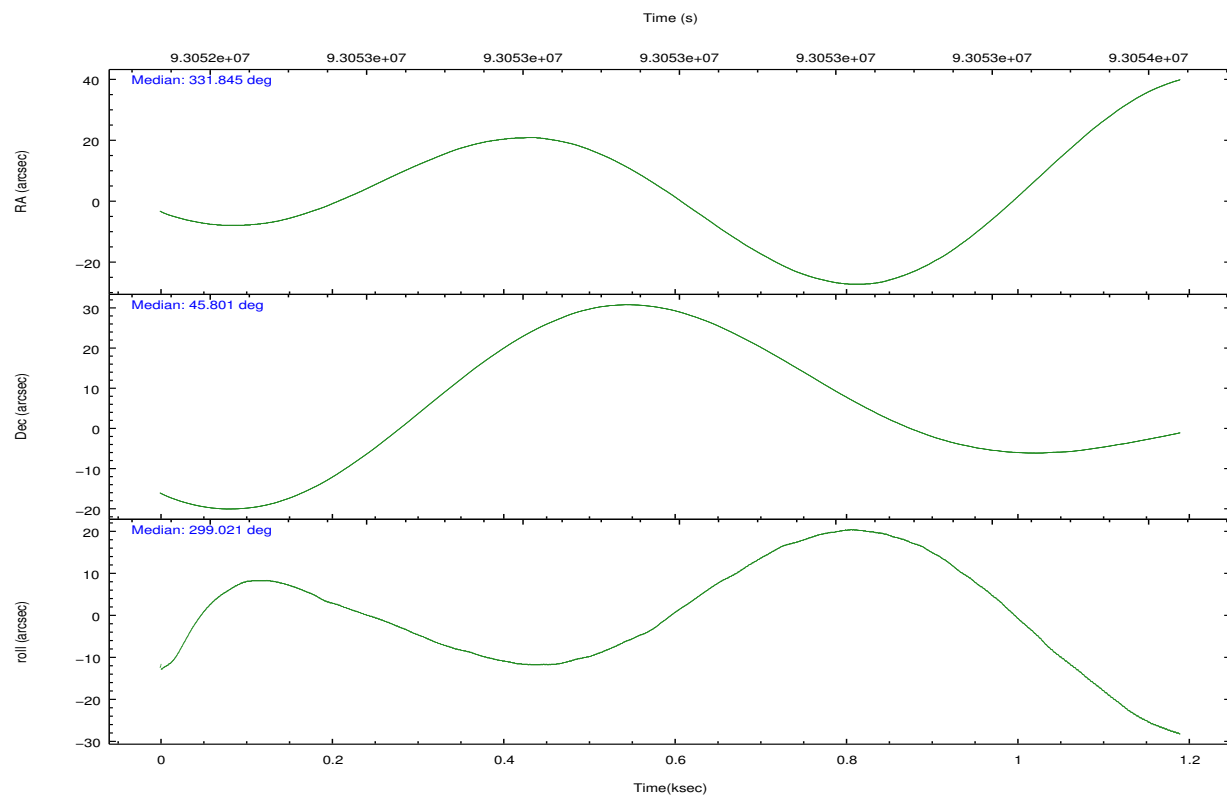
2.2 Compared Parameters

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	331.812004	331.8454493001399
[deg] Pointing Dec	45.816481	45.80221305684722
[deg] Pointing Roll	299.150973	299.031448833323
[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)	93052581.184000	93052205.113435
Observation start date	2000-12-12T23:55:17	2000-12-12T23:50:05
[s] Observation end time (MET)	93053581.184000	93053714.938493
Observation end date	2000-12-13T00:11:57	2000-12-13T00:15:14

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

2.3 Aspect



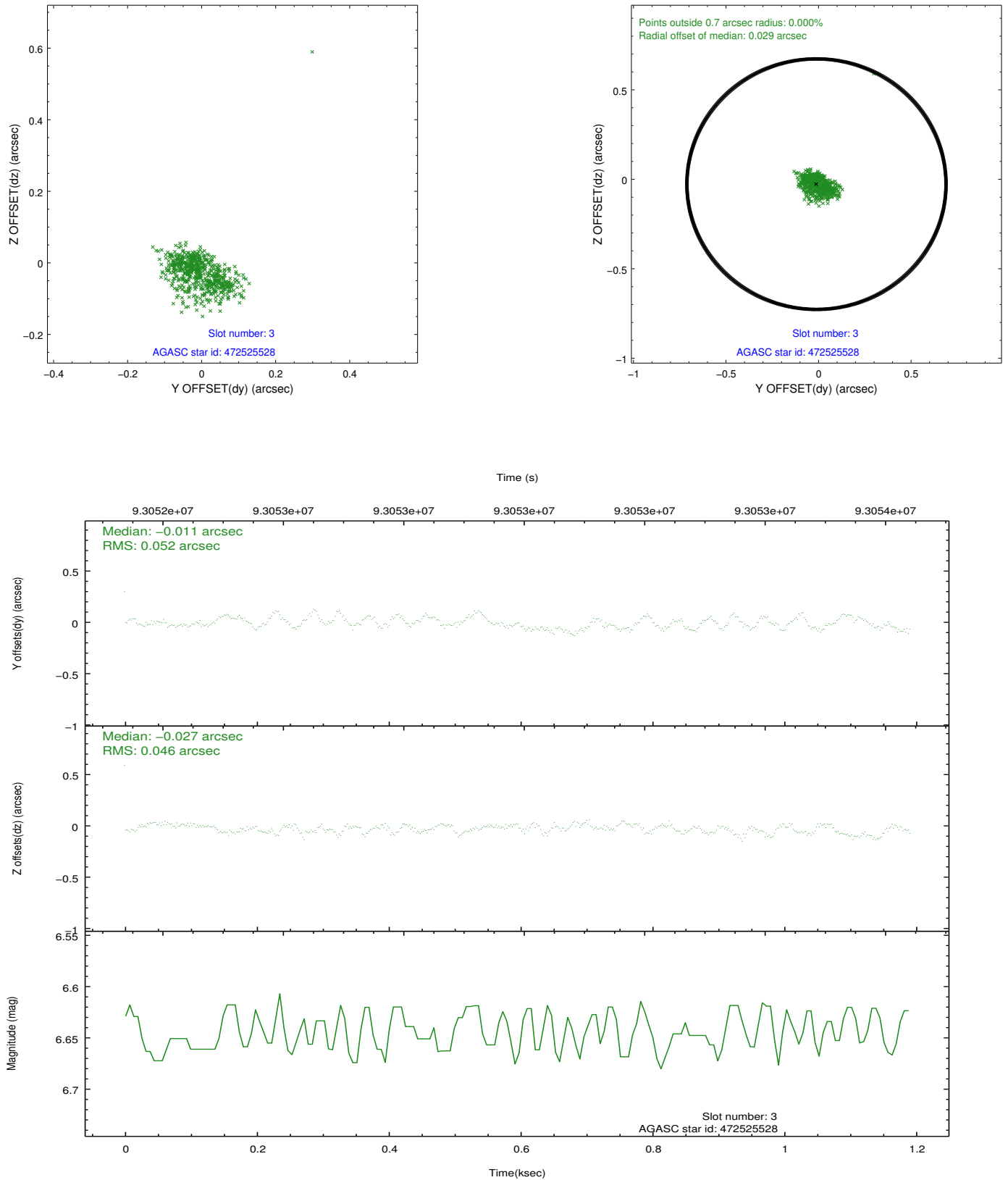


Slot Statistics

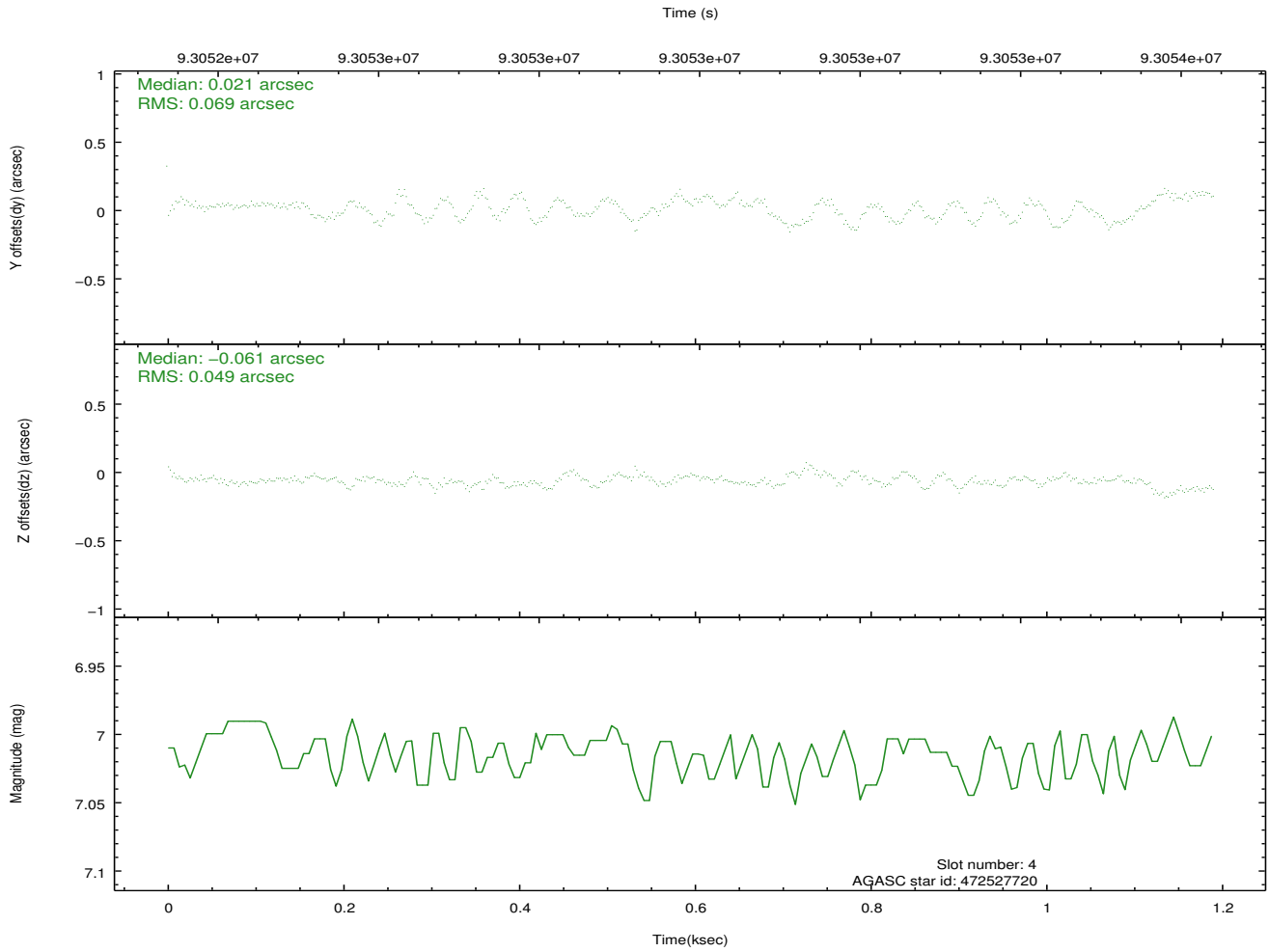
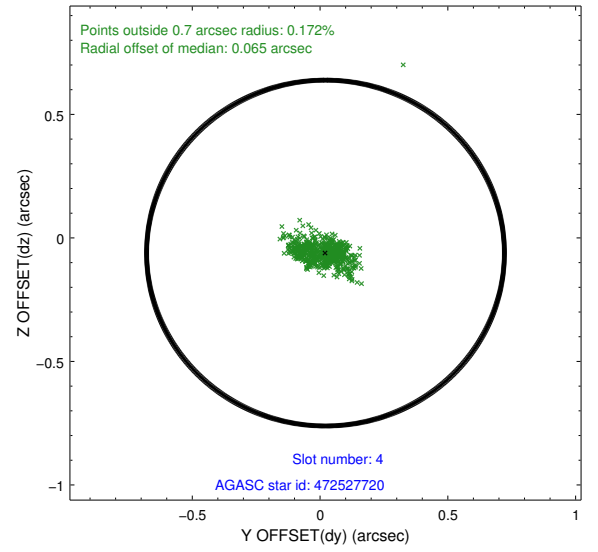
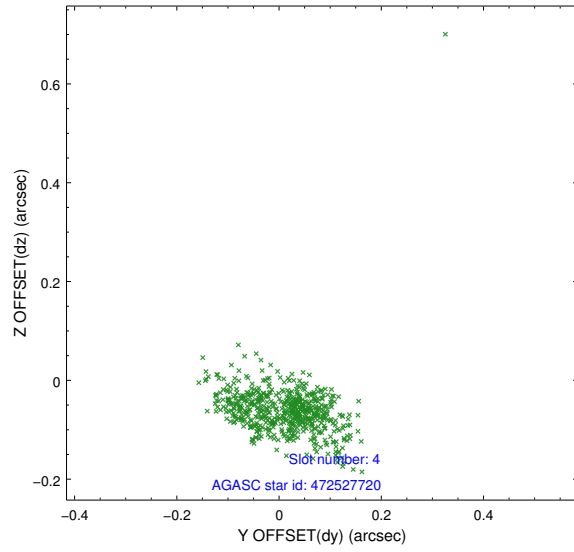
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	291	0.043	0.026	0.005	0.009	0.000000	0.000000	-758.45	-1292.37
1	FID	HRC-I-2	7.00	291	0.083	-0.051	0.006	0.012	0.000000	0.000000	851.61	-1298.50
2	FID	HRC-I-4	6.98	291	-0.011	-0.067	0.005	0.009	0.000000	0.000000	1287.27	1005.19
3	GUIDE	472525528	6.65	582	-0.011	-0.027	0.067	0.109	331.551102	45.248694	1461.07	-1571.28
4	GUIDE	472527720	7.01	582	0.021	-0.061	0.082	0.140	331.460205	45.112509	1777.84	-2015.44
5	GUIDE	472523760	8.23	582	-0.044	-0.142	0.053	0.086	331.645363	45.403260	1095.52	-1094.52
6	GUIDE	472655152	9.43	582	-0.010	0.116	0.098	0.155	332.504239	45.862991	692.84	1600.35
7	GUIDE	472655704	9.49	581	0.058	0.105	0.119	0.206	332.167195	45.285228	2106.77	-140.48

2.4 Star Slots

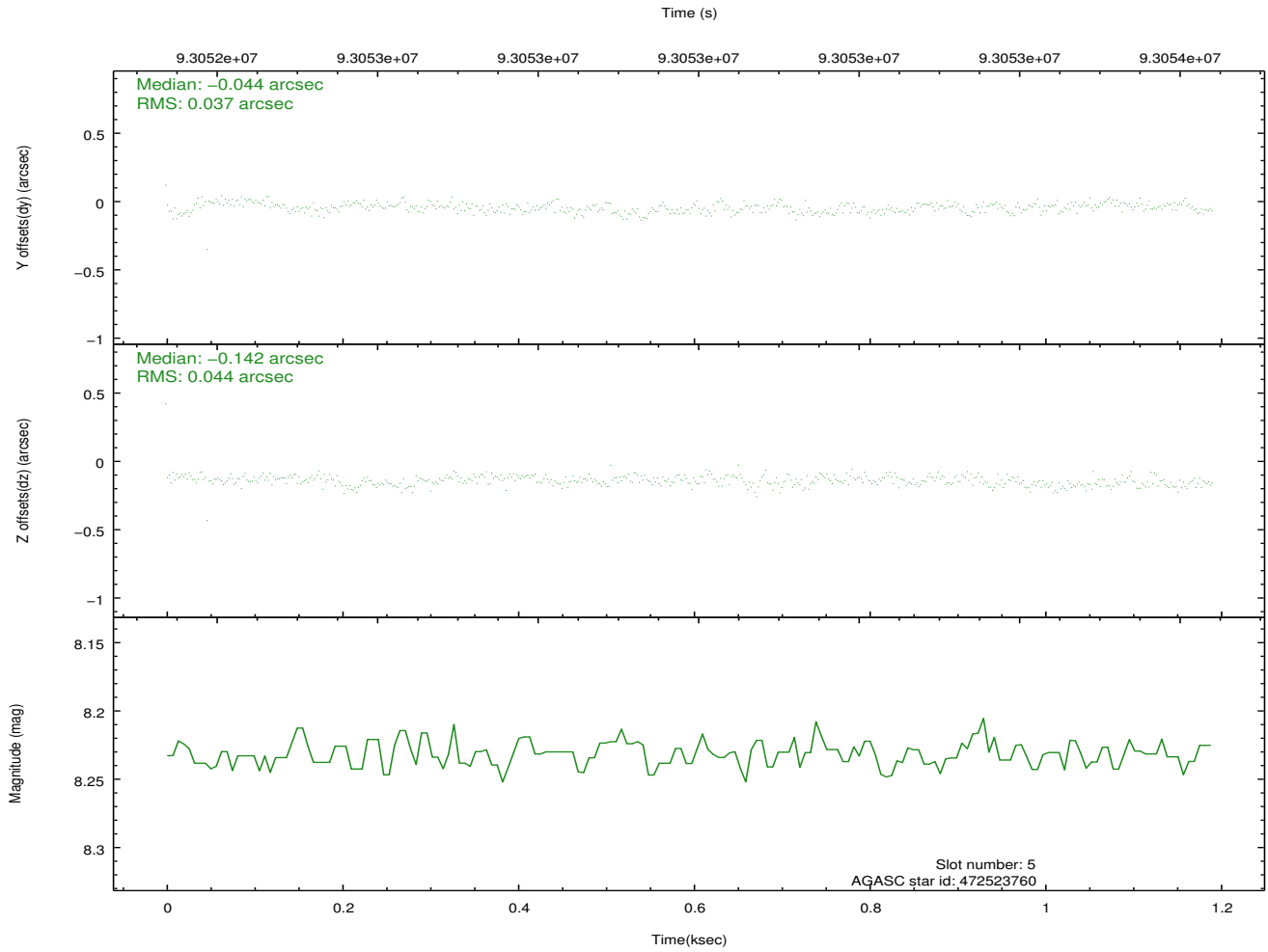
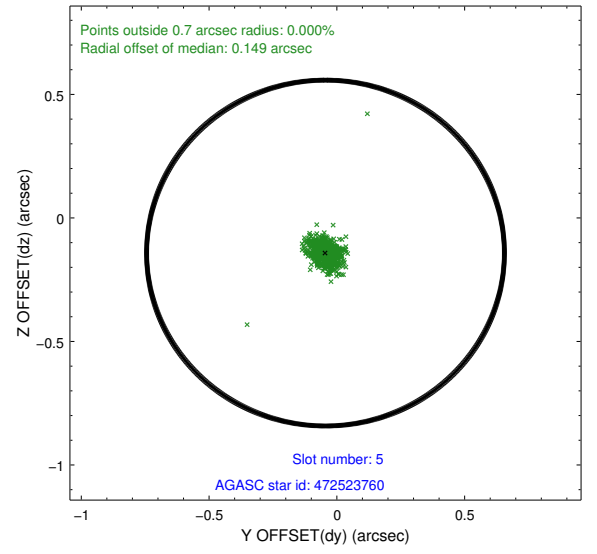
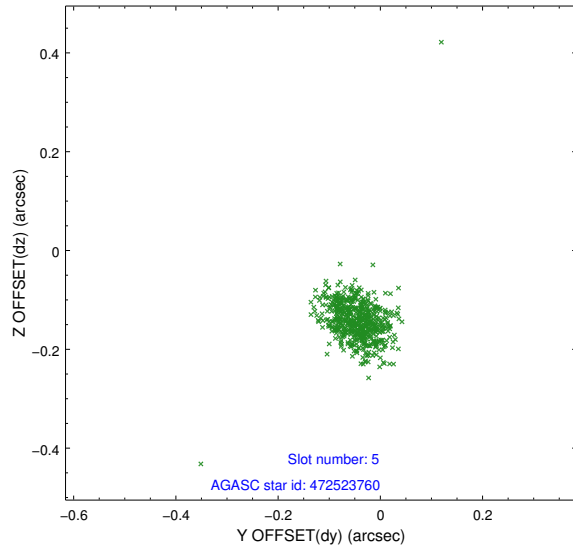
2.4.1 Slot 3



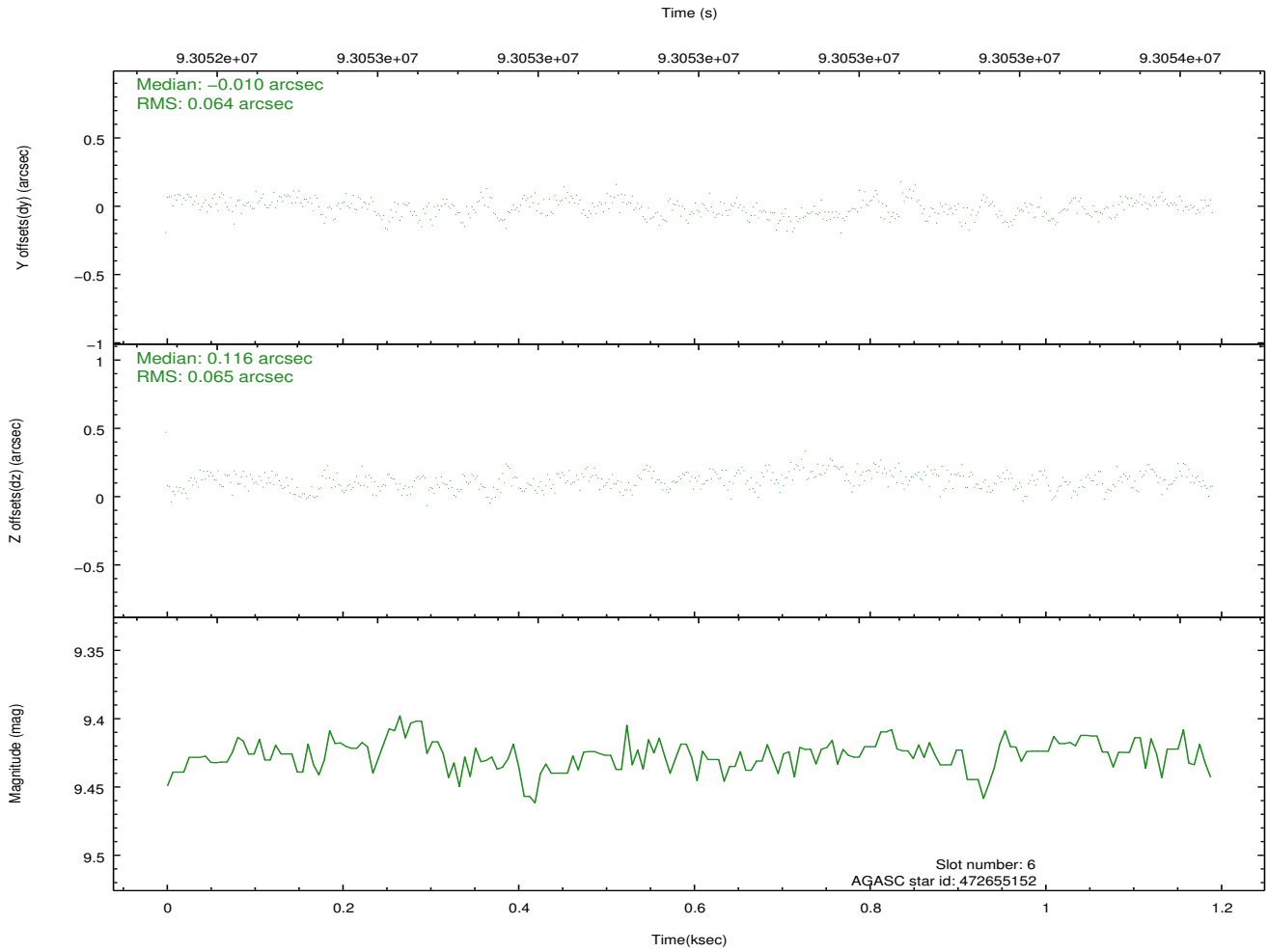
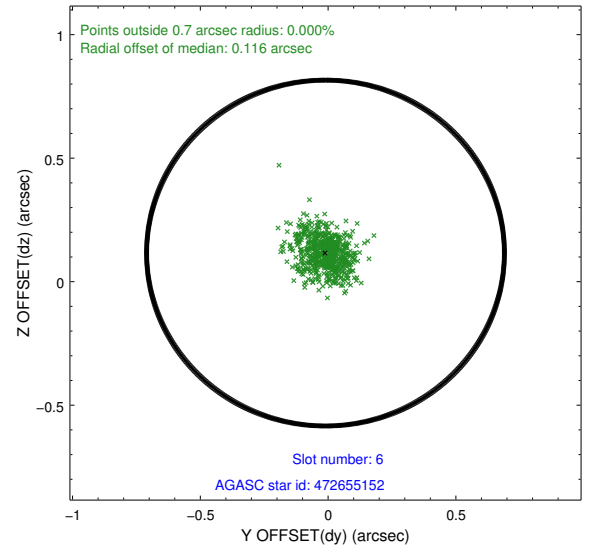
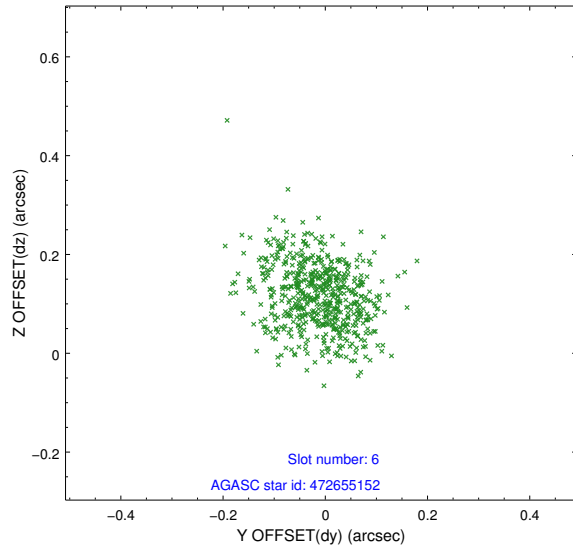
2.4.2 Slot 4



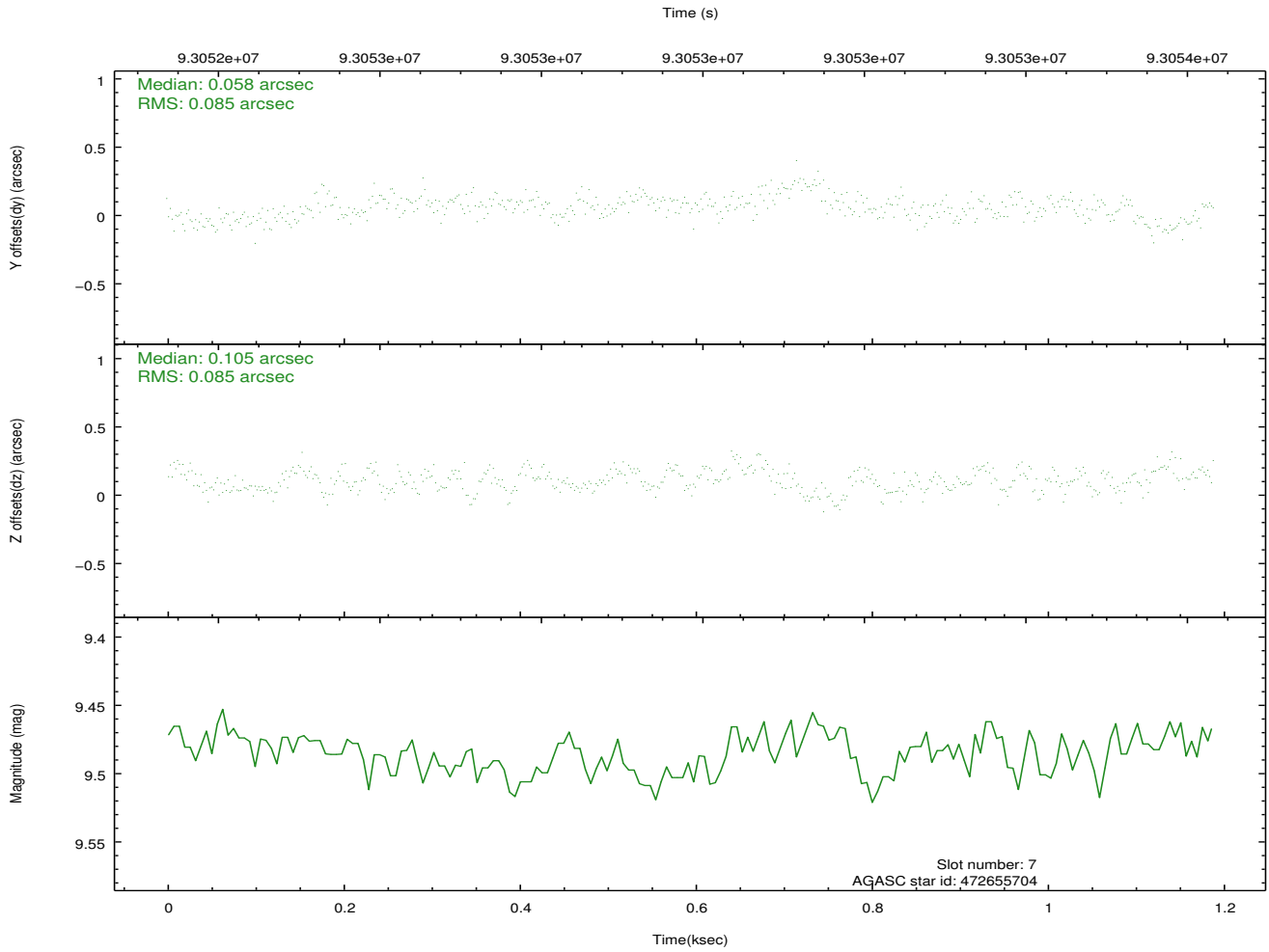
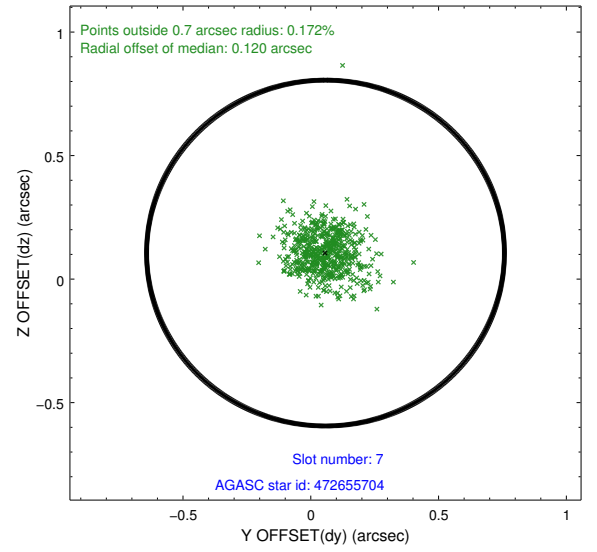
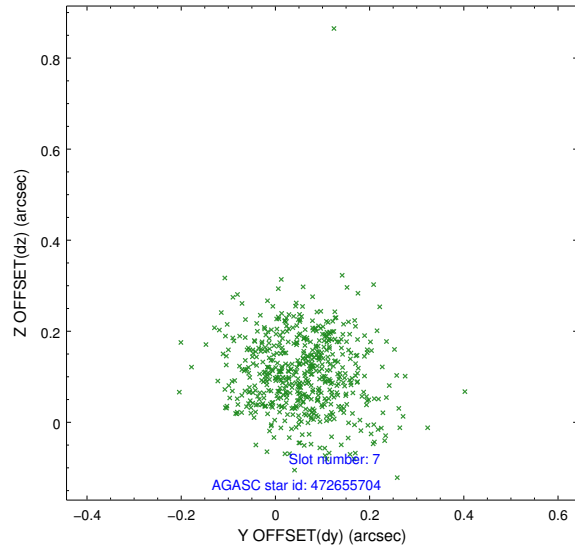
2.4.3 Slot 5



2.4.4 Slot 6

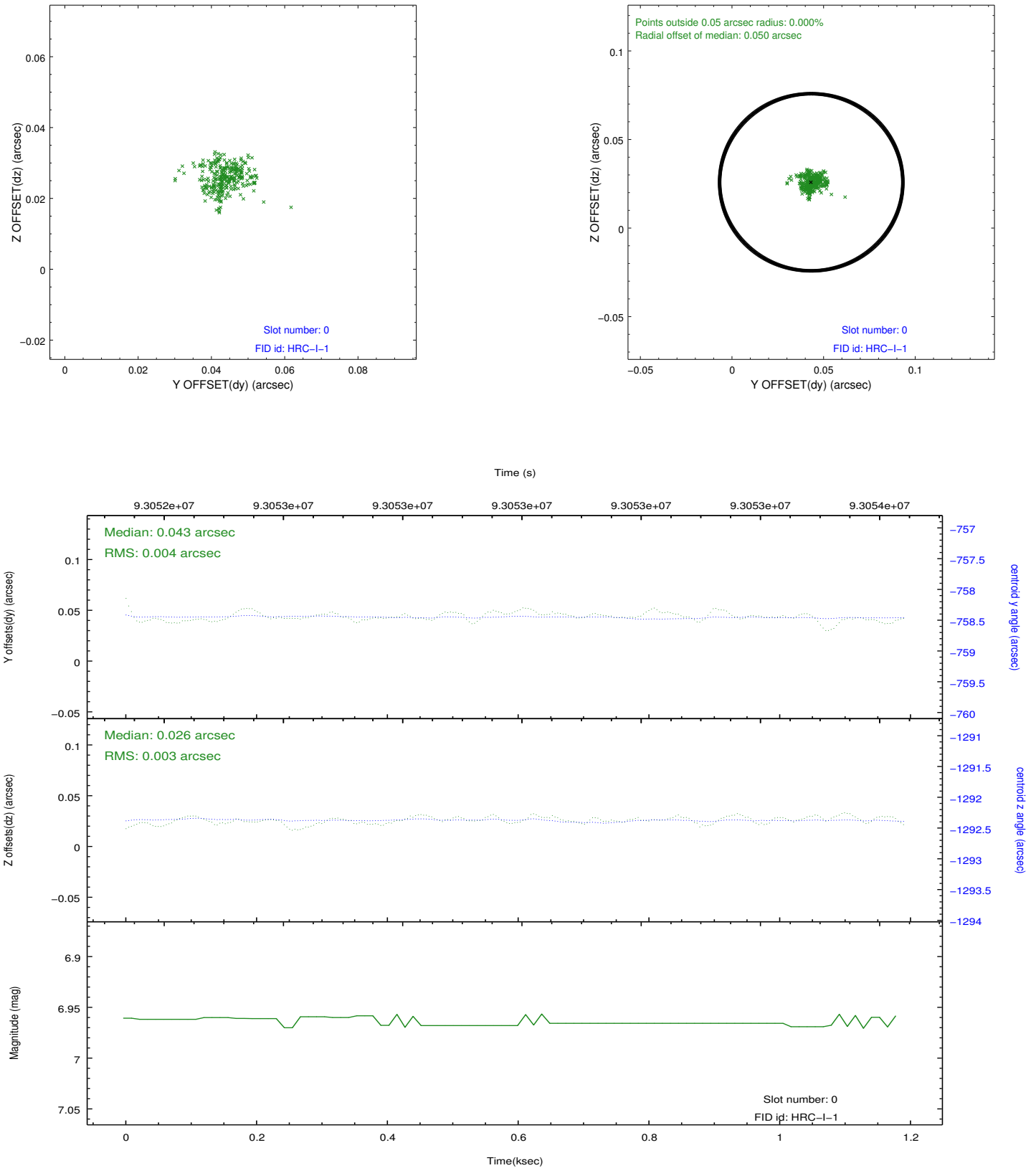


2.4.5 Slot 7

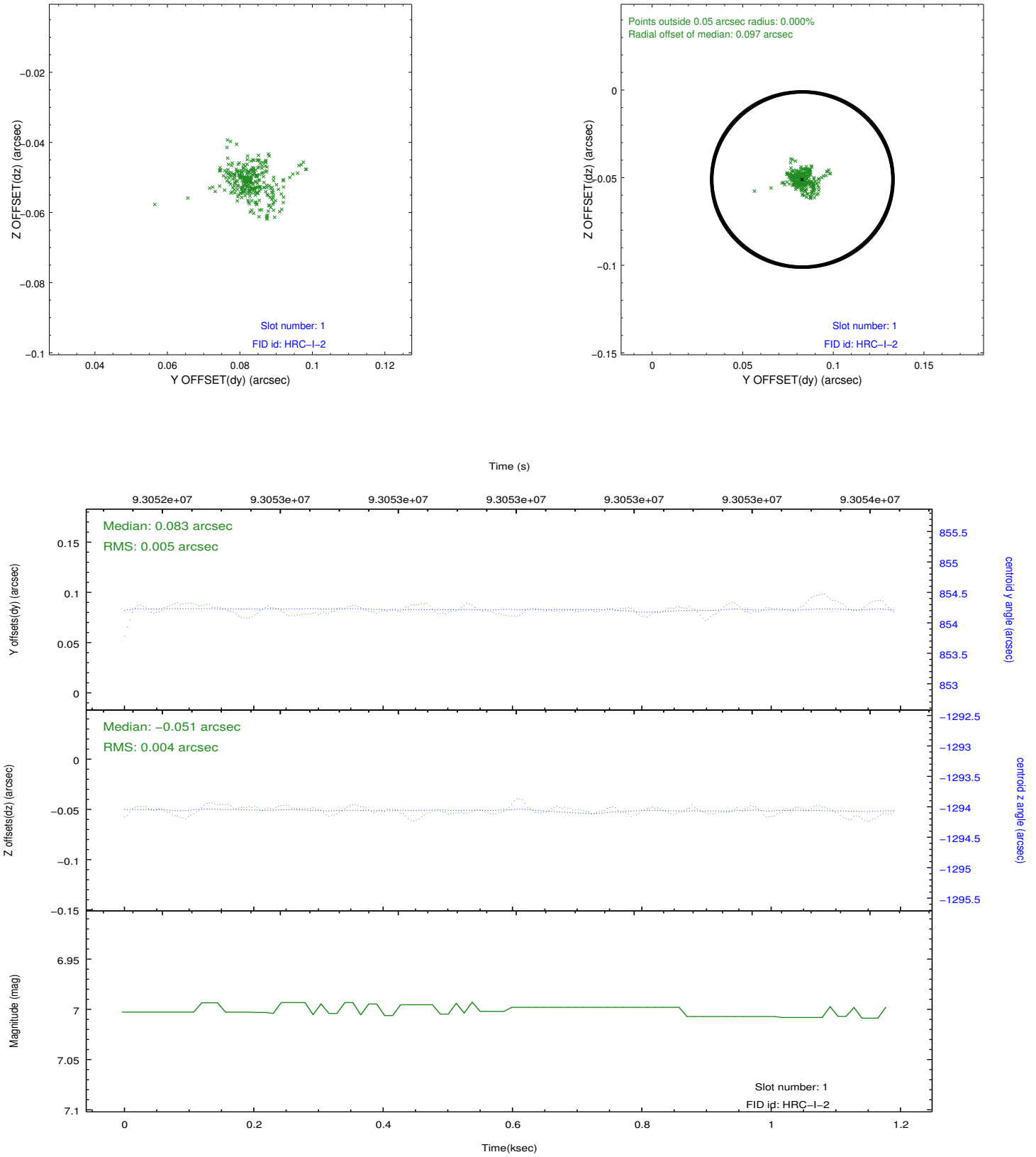


2.5 FID Slots

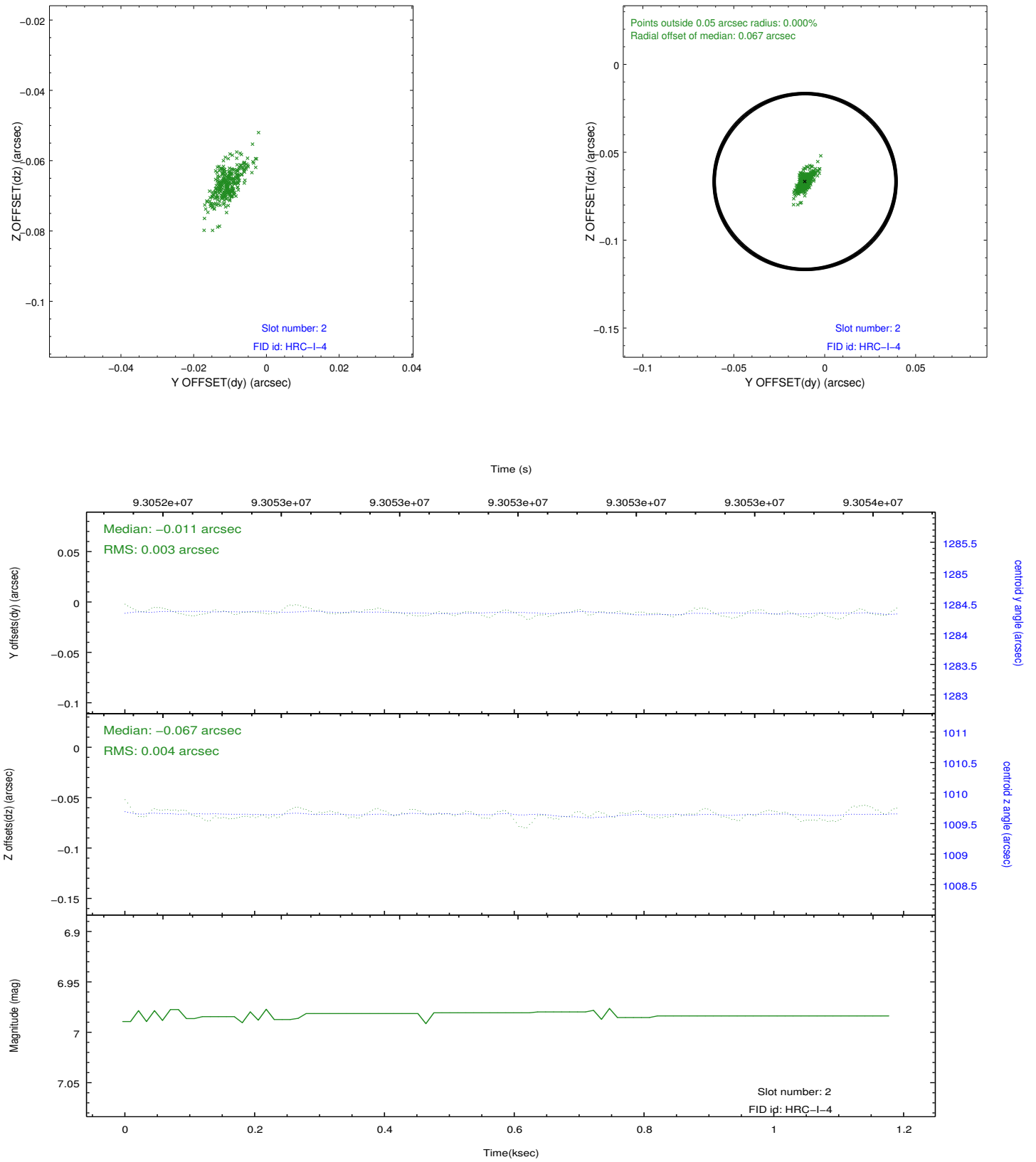
2.5.1 Slot 0



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

Source is near the edge of the chip.