

V&V Reference Report

L2 ASCDS Version : 10.4.1

Observation 17352 - L2 Version 1
Chandra X-Ray Center

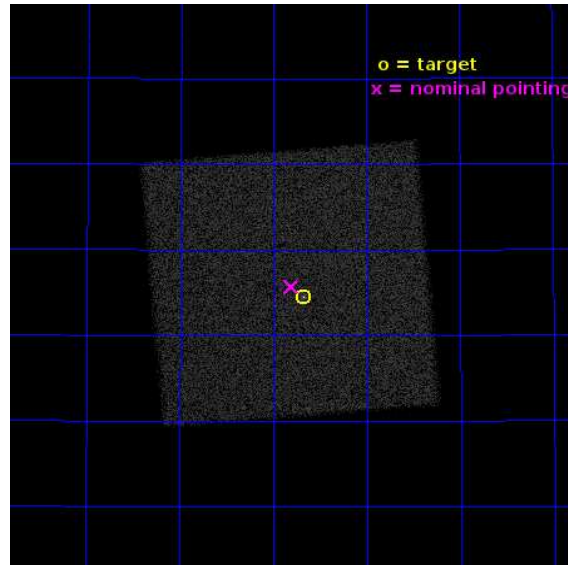
L2 Processing Date : Sep 27 2015

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1 Front

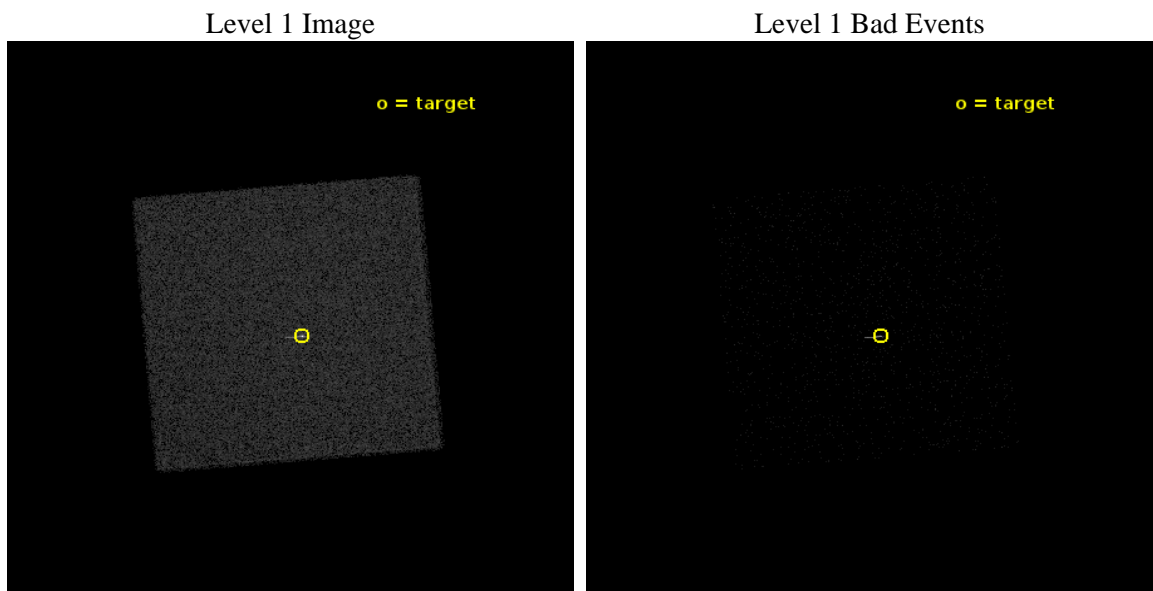
seq_num	291225	Sequence number
obs_id	17352	Observation id
title	AO-16 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.20202498156	Nominal RA [deg]
dec_nom	45.761805119796	Nominal Dec [deg]
roll_nom	220.11311057534	Nominal Roll [deg]
revision	1	Processing version of data
ontime	1182.0813168287	[s]
livetime	1171.4456649161	Ontime multiplied by DTCOR
l2events	87756	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	10.4.1	Processing system revision	ontime	1182.0813168287	[s]
caldsver	4.6.8	 	l1events	148380	Number of level 1 events
date	2015-09-27T03:41:53	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

Level 1 Events

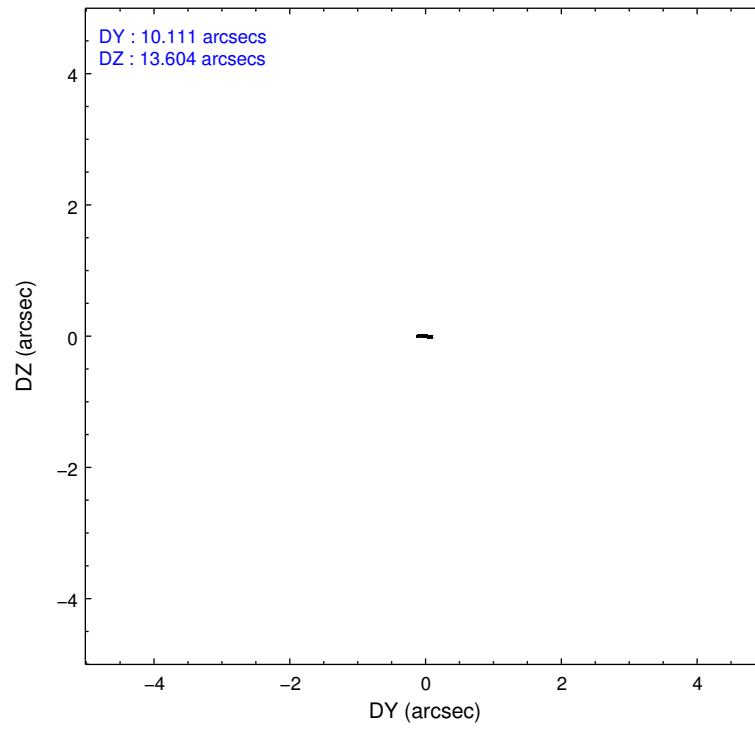
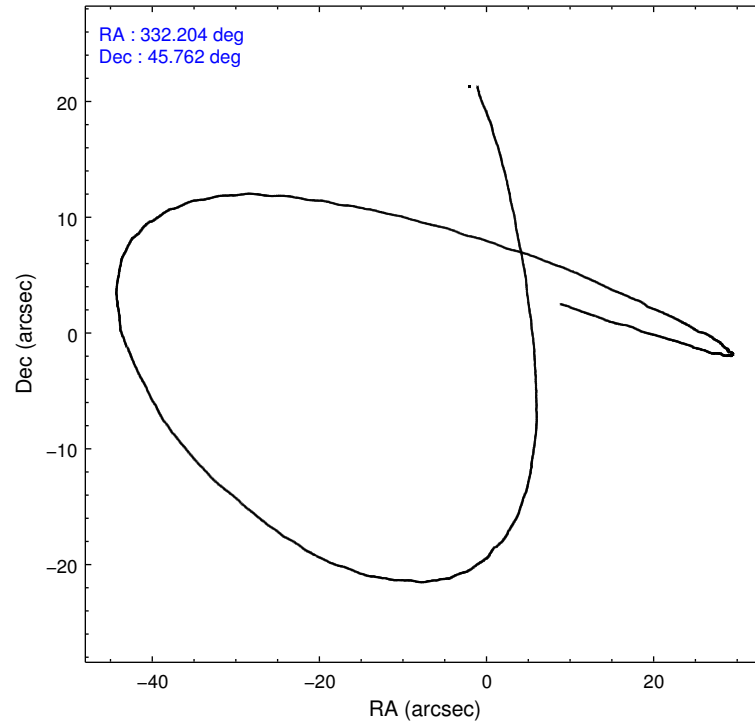
	segment 0
level 1 events	148380
rejected events	32231
rejected %	21%

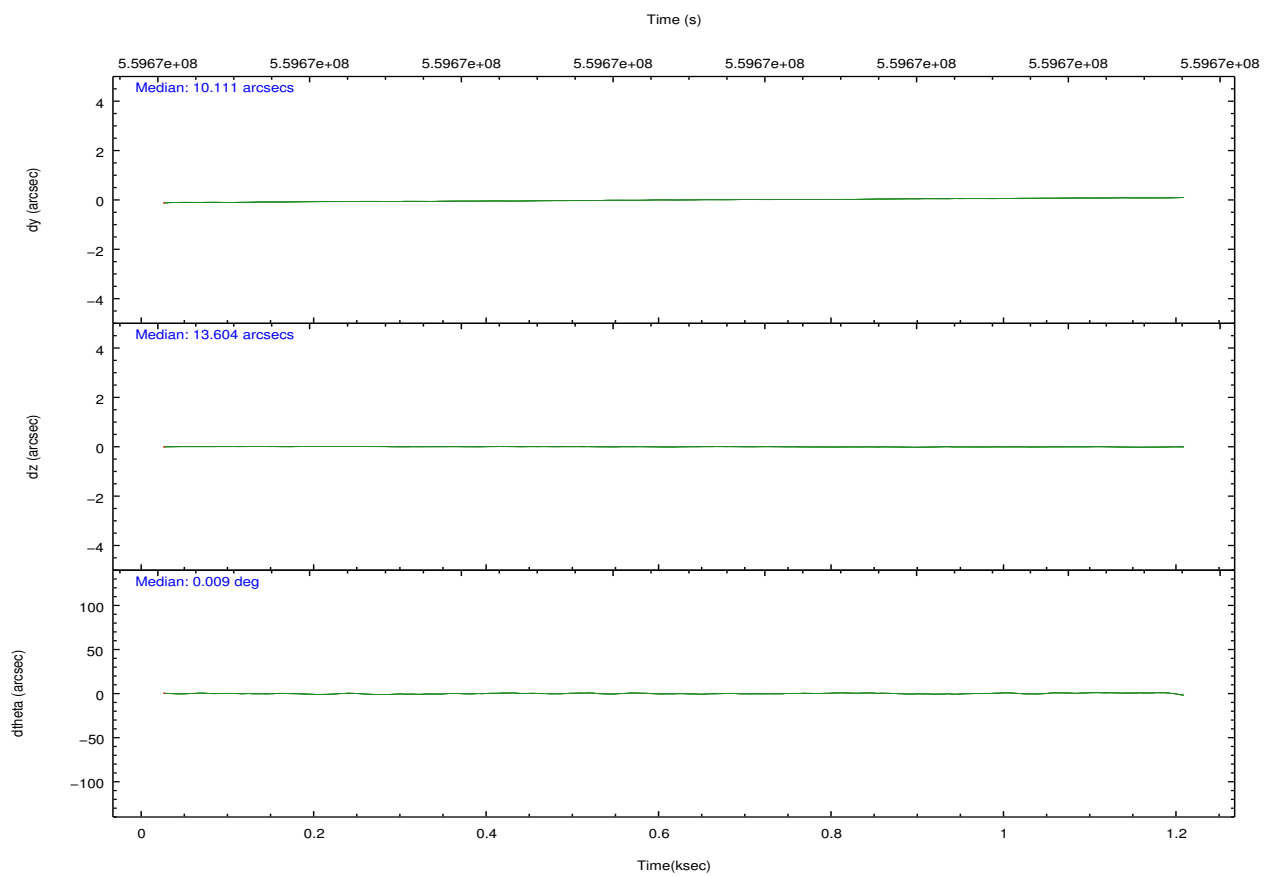
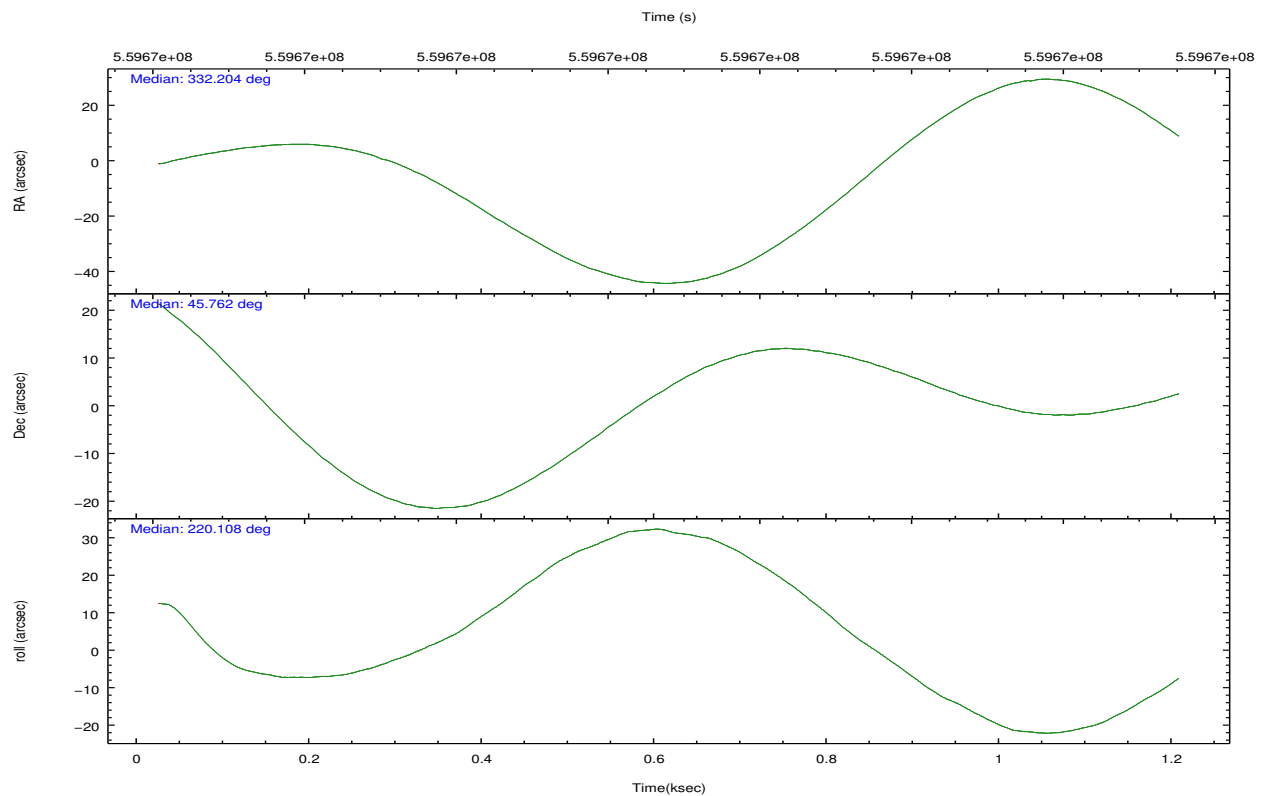
2.2 Compared Parameters

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	332.213147	332.2020249815592
[deg] Pointing Dec	45.788280	45.76180511979597
[deg] Pointing Roll	220.200480	220.113110575345
[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)	559670482.184000	559670106.55601
Observation start date	2015-09-26T16:00:14	2015-09-26T15:55:06
[s] Observation end time (MET)	559671482.184000	559671616.3811001
Observation end date	2015-09-26T16:16:54	2015-09-26T16:20:16

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

2.3 Aspect



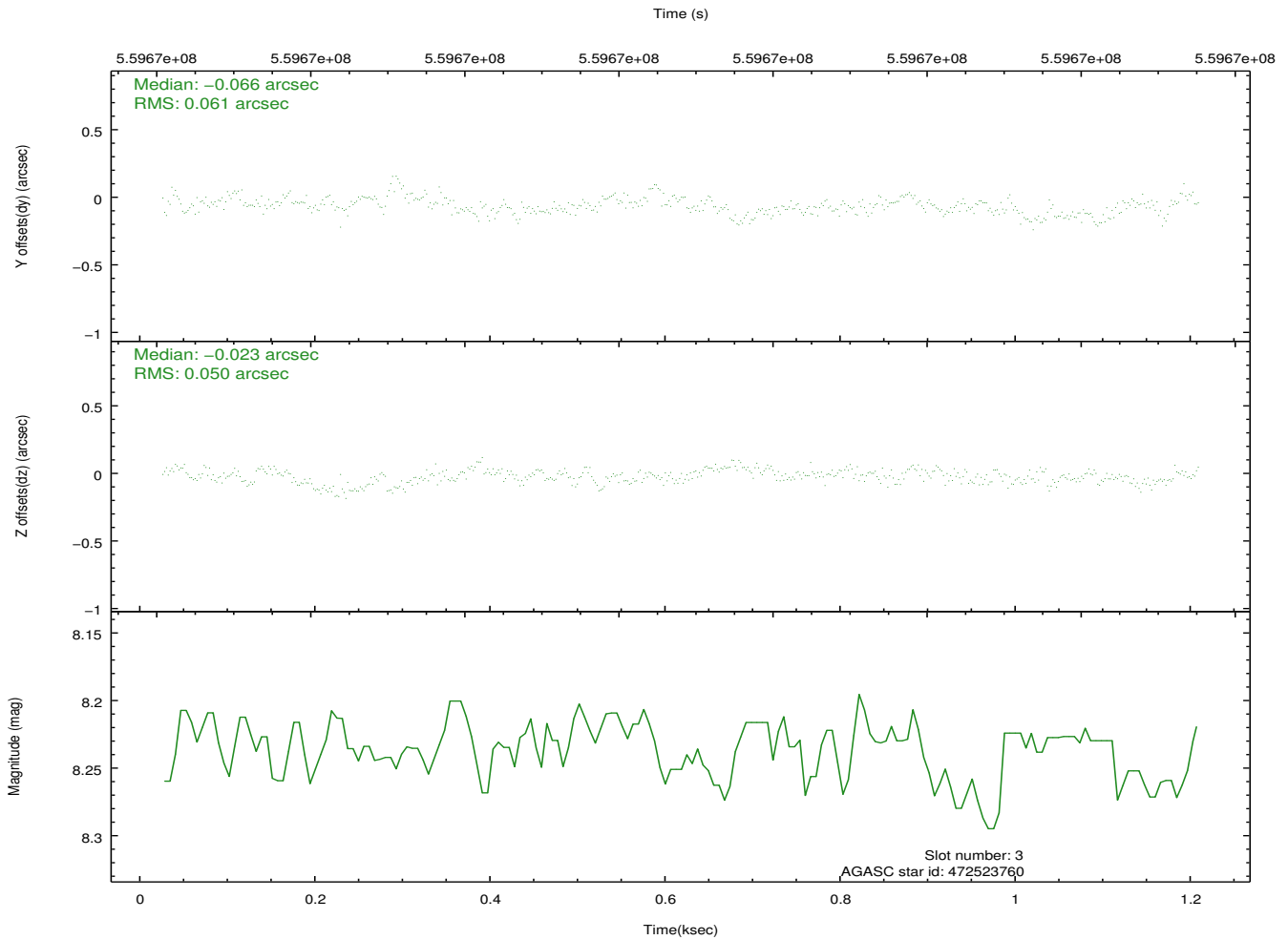
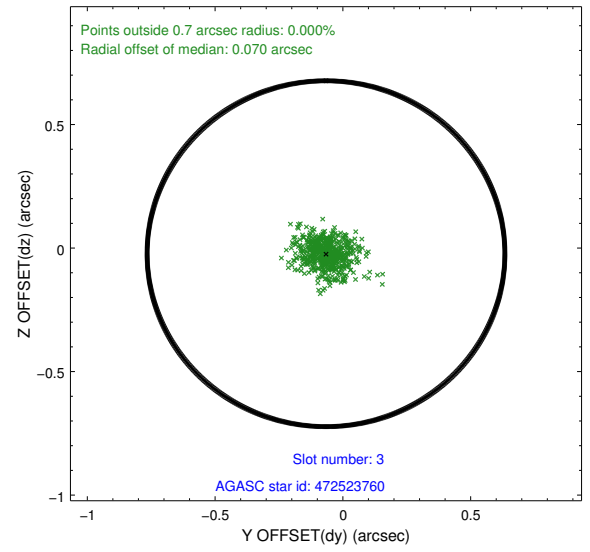
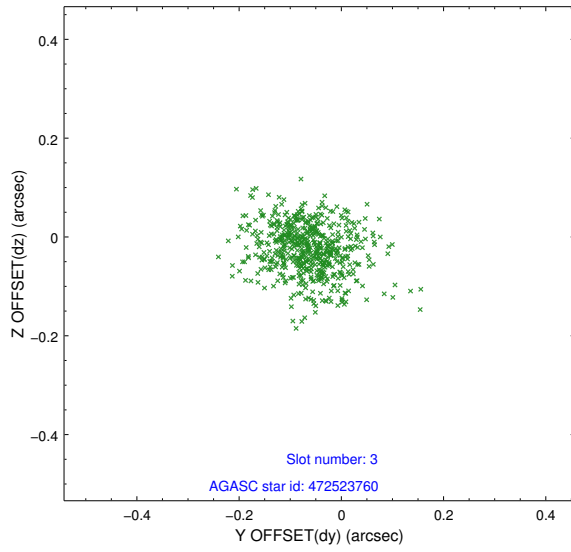


Slot Statistics

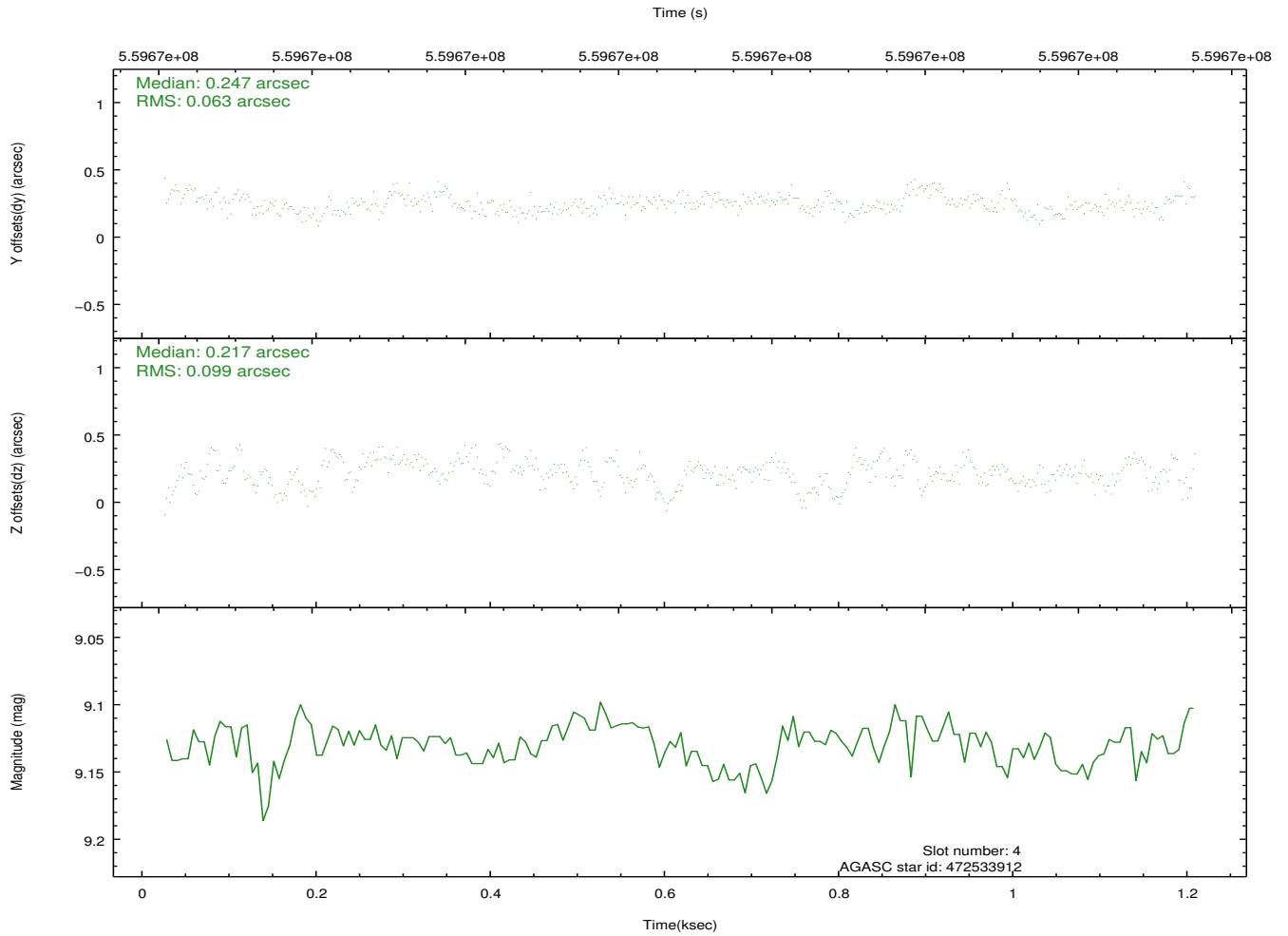
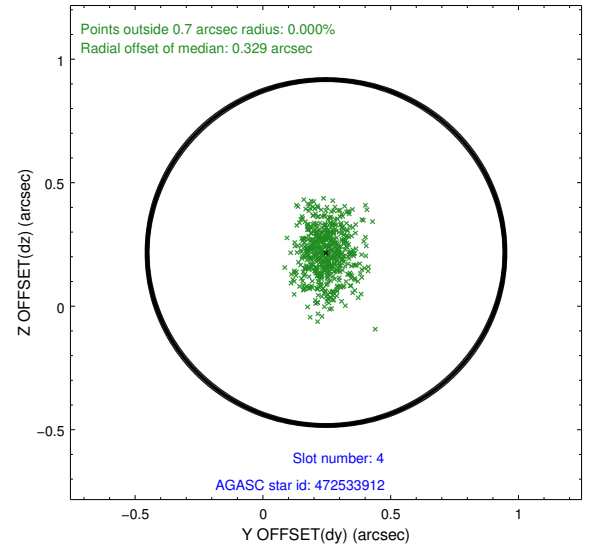
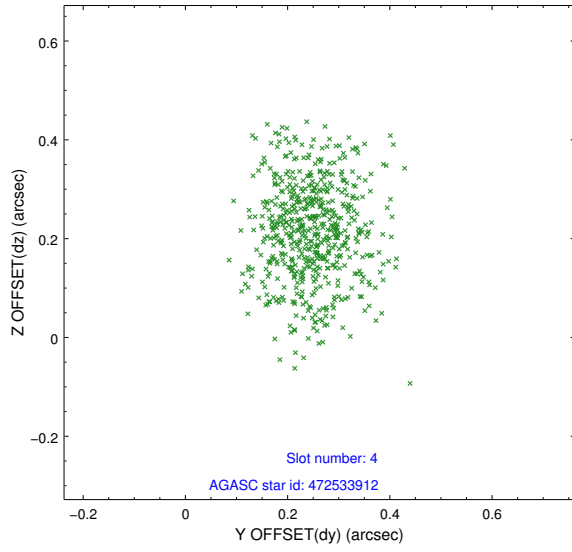
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		HRC-I-1	7.00	289	-0.118	0.009	0.006	0.010	0.000000	0.000000	-765.89	-1301.63
1	FID		HRC-I-2	7.01	289	0.310	-0.166	0.005	0.010	0.000000	0.000000	844.52	-1307.88
2	FID		HRC-I-3	7.08	289	-0.073	0.068	0.006	0.010	0.000000	0.000000	-1191.41	998.47
3	GUIDE	used	472523760	8.23	578	-0.066	-0.023	0.082	0.141	331.645363	45.403260	1989.19	125.01
4	GUIDE	used	472533912	9.13	578	0.247	0.217	0.123	0.204	331.791136	46.368695	-544.40	-2277.86
5	GUIDE	used	472651904	6.08	578	-0.225	-0.314	0.101	0.163	332.170077	45.742257	190.09	47.78
6	GUIDE	used	472655152	9.41	578	-0.060	-0.081	0.167	0.269	332.504239	45.862991	-730.01	261.17
7	GUIDE	used	472665256	9.01	576	0.103	0.225	0.093	0.157	332.808125	46.195041	-2080.77	-168.73

2.4 Star Slots

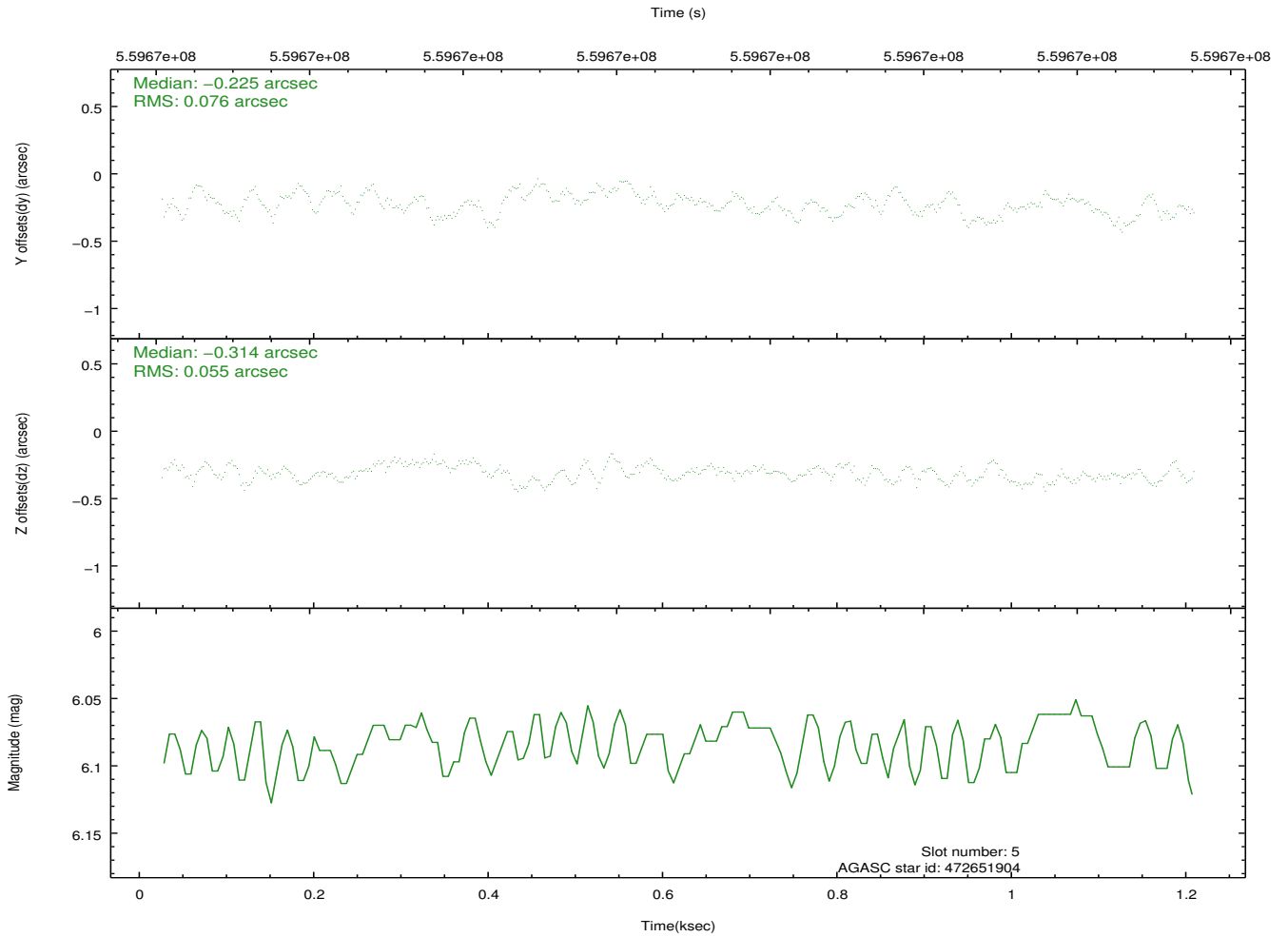
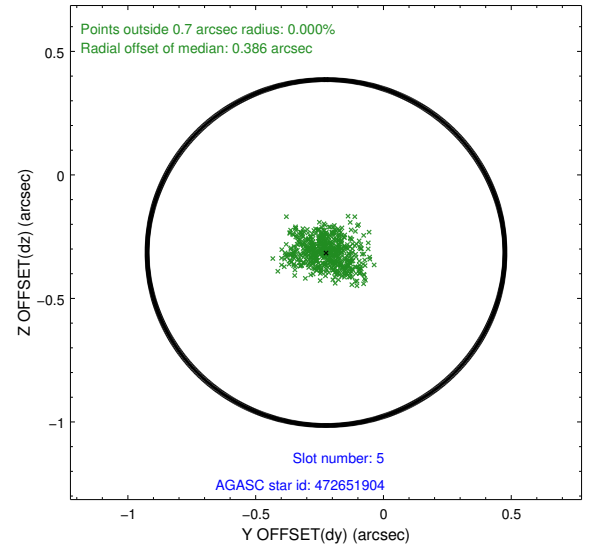
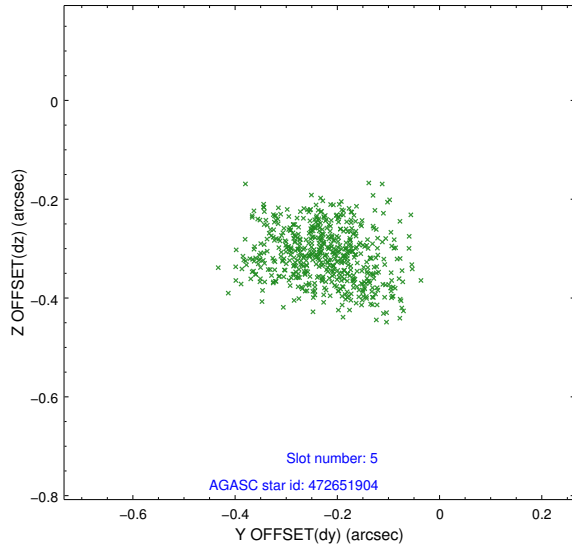
2.4.1 Slot 3



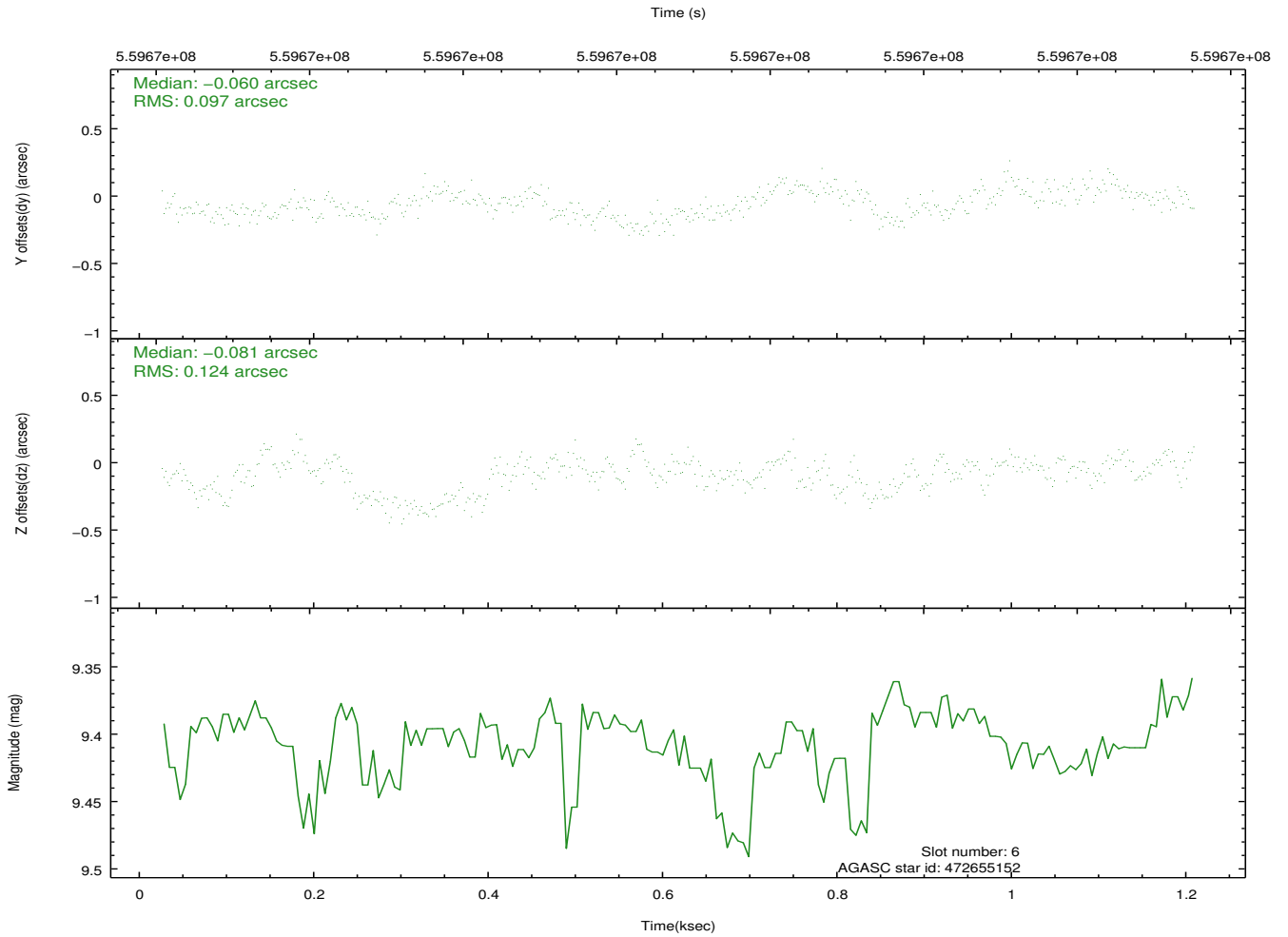
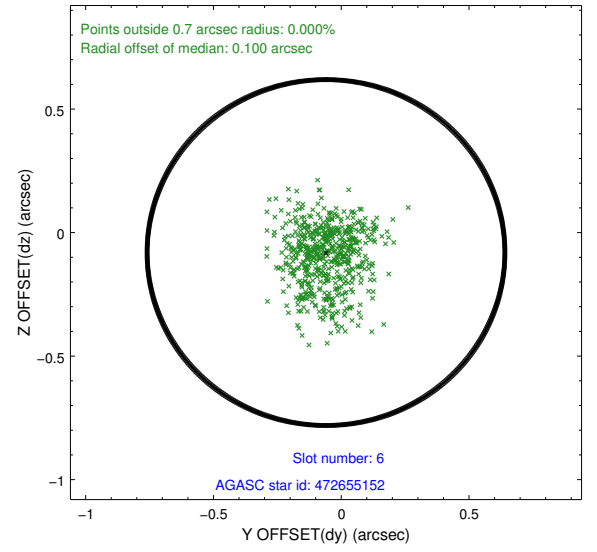
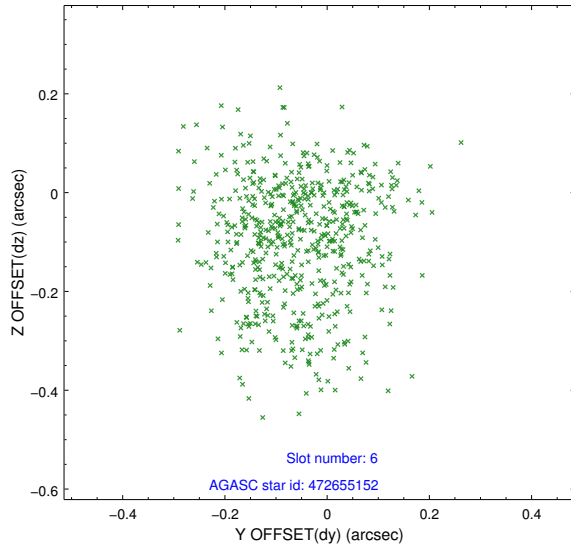
2.4.2 Slot 4



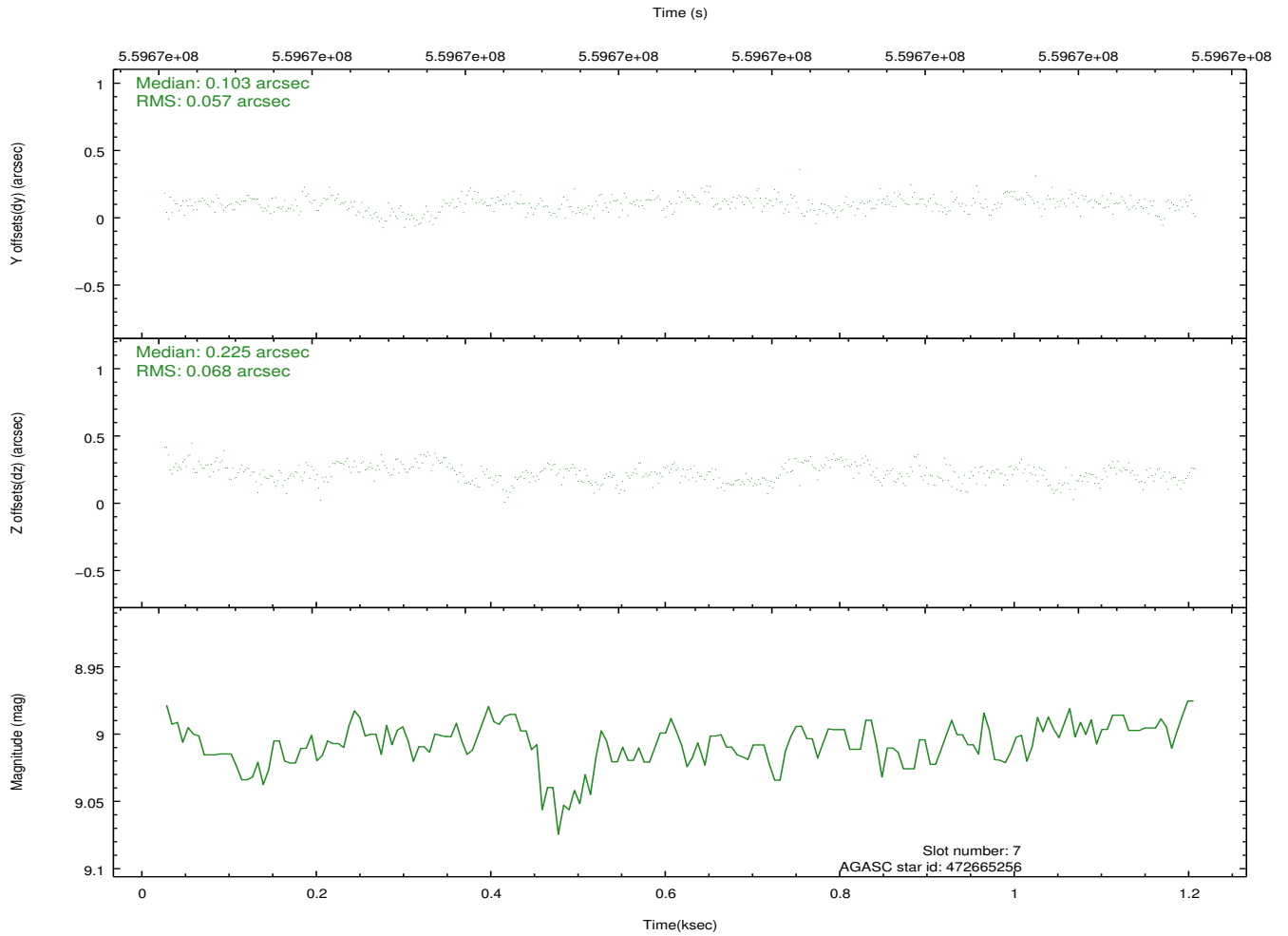
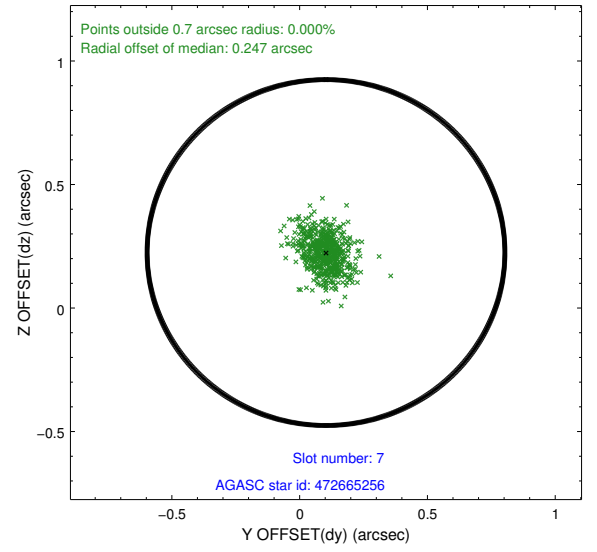
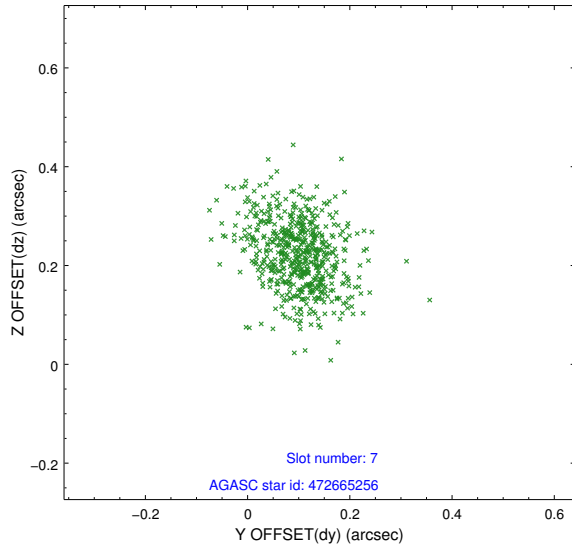
2.4.3 Slot 5



2.4.4 Slot 6

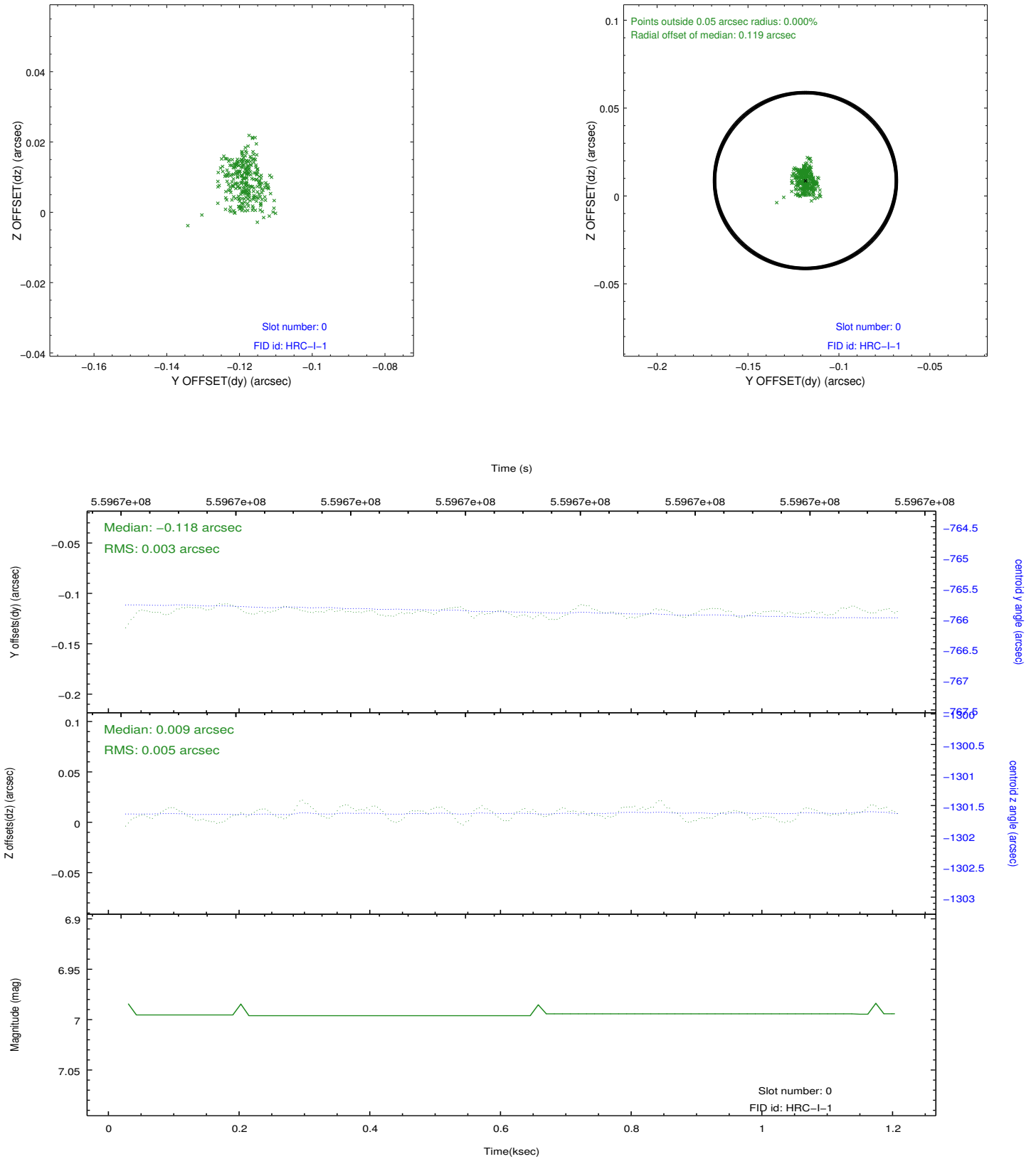


2.4.5 Slot 7

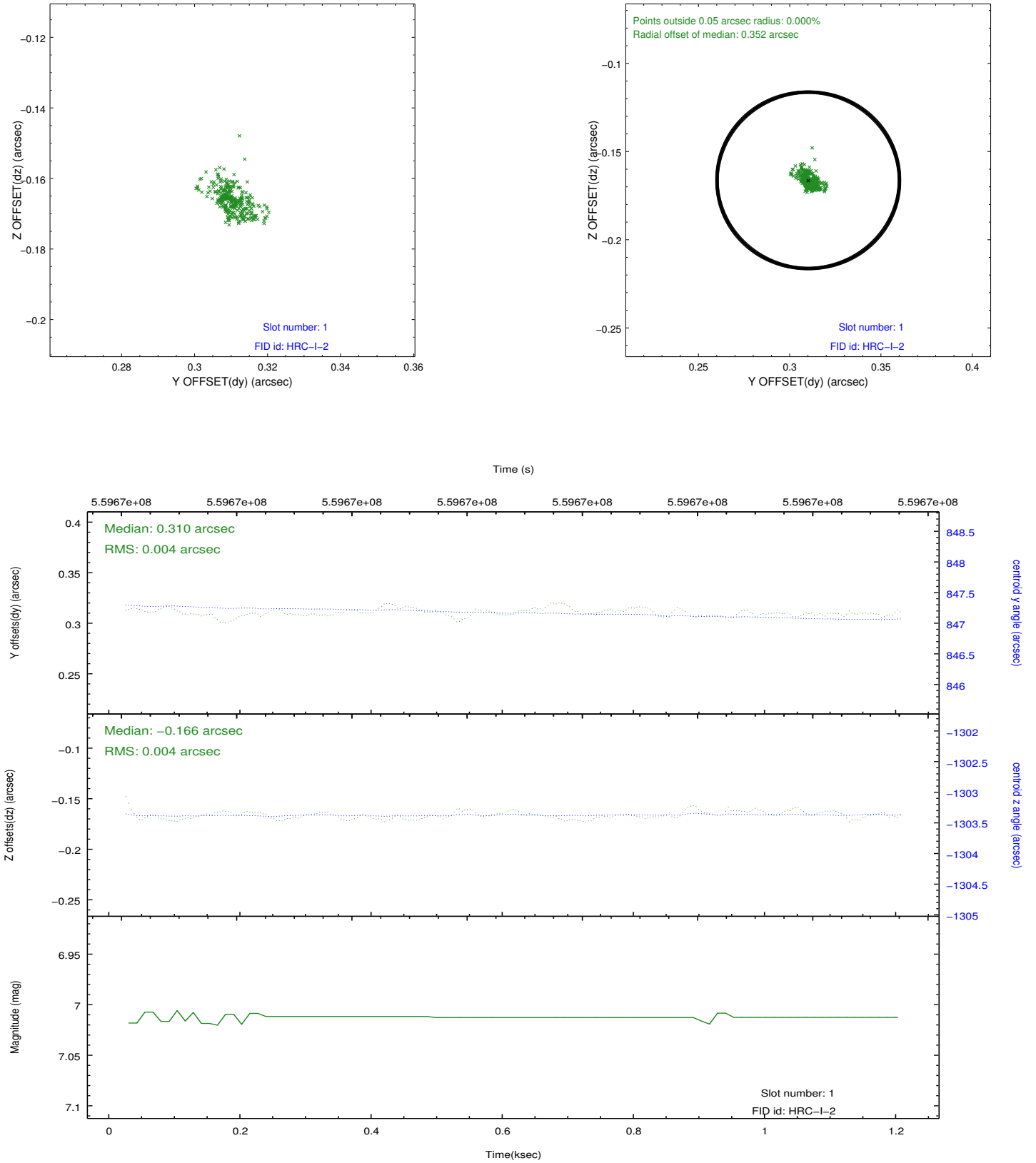


2.5 FID Slots

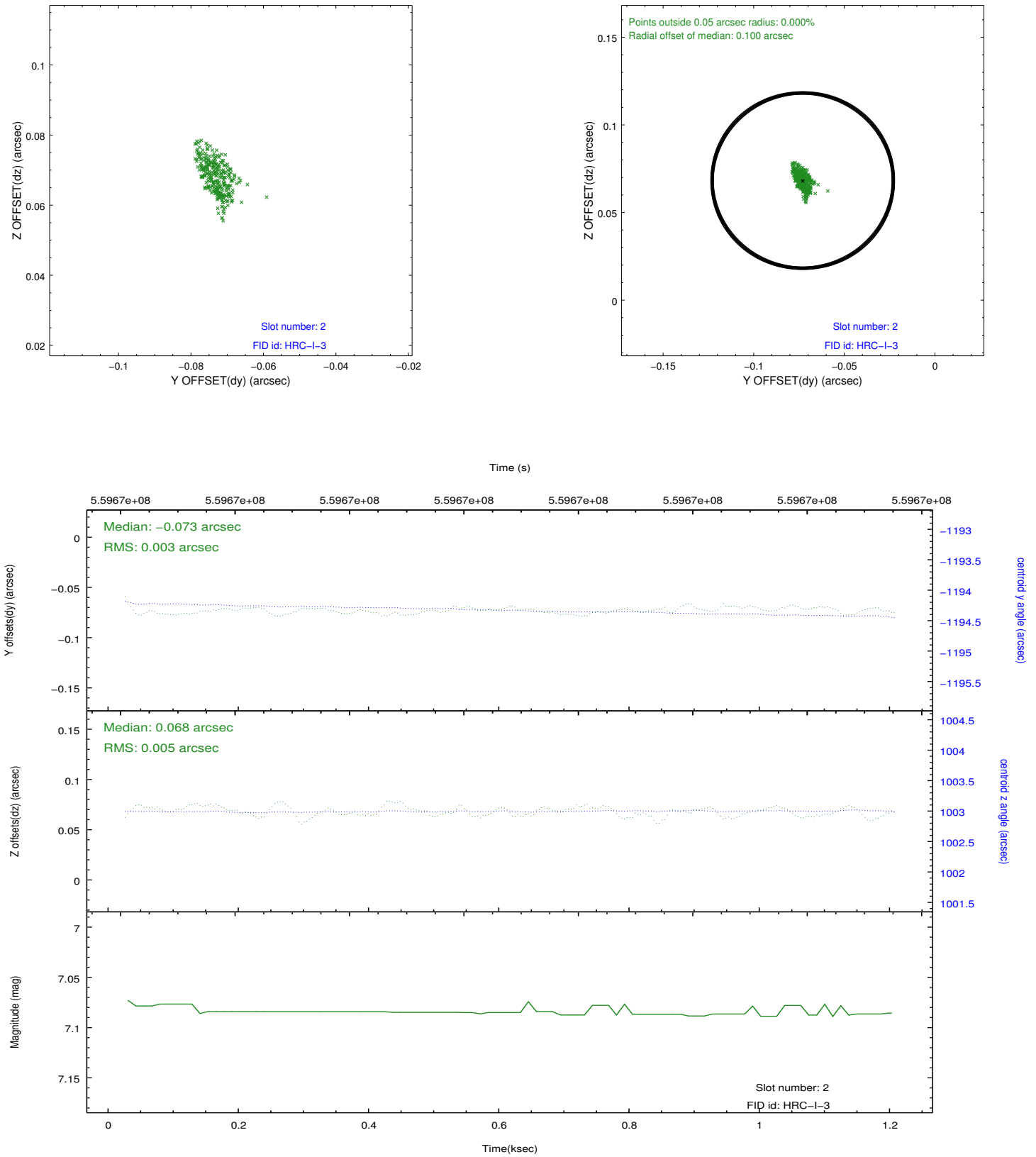
2.5.1 Slot 0



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)	2015.09.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1820813168287

A.2 Comments