

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13070 - L2 Version 4
Chandra X-Ray Center

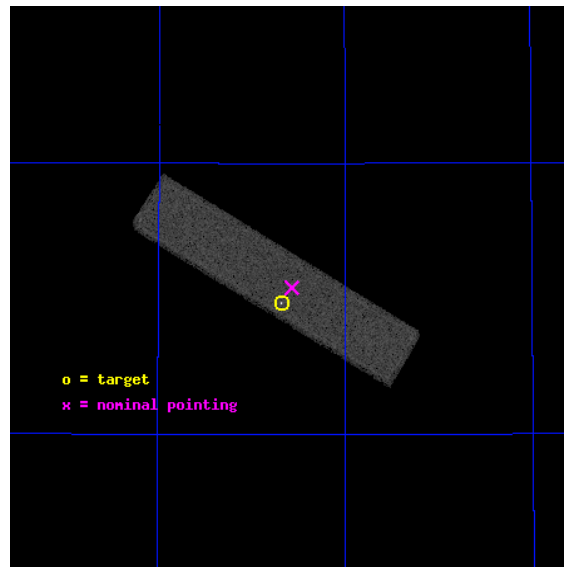
L2 Processing Date : Aug 9 2012

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1 Front

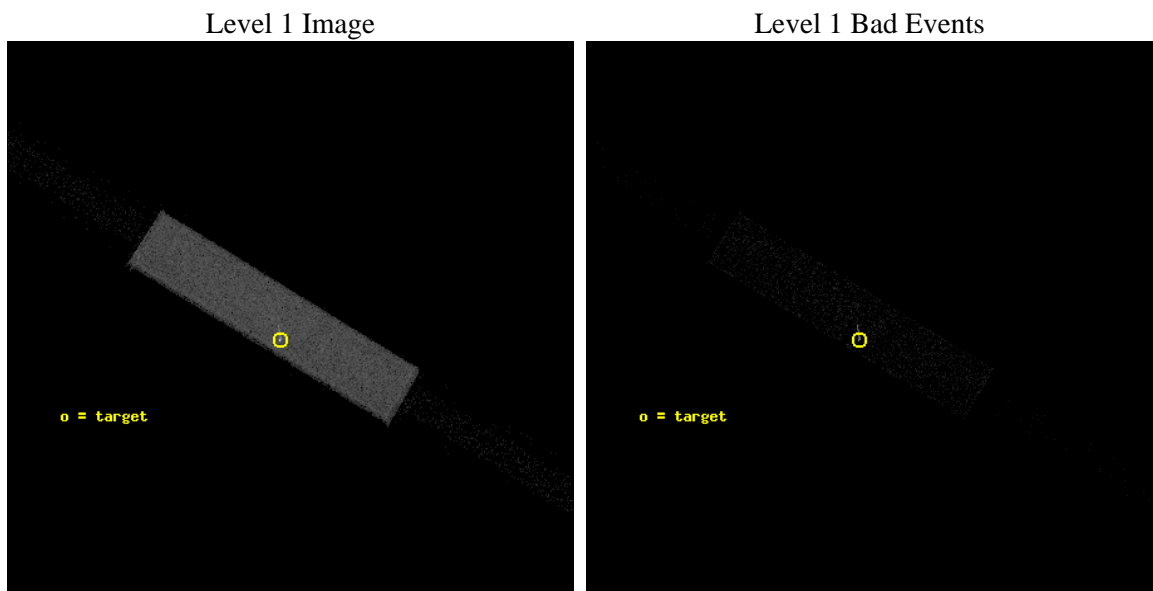
seq_num	290989	Sequence number
obs_id	13070	Observation id
title	AO-12 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.14214215878	Nominal RA [deg]
dec_nom	45.77080697663	Nominal Dec [deg]
roll_nom	211.24605158861	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1149.2813102603	[s]
livetime	1140.8283699939	Ontime multiplied by DTCOR
l2events	63017	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	1149.2813102603	[s]
caldsver	4.5.1.1	 	l1events	97432	Number of level 1 events
date	2012-08-10T00:59:33	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

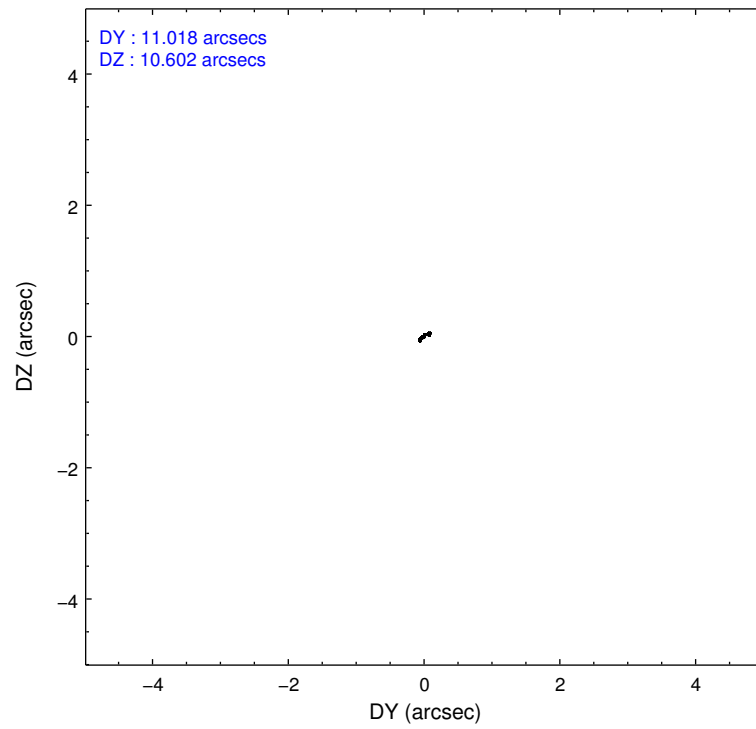
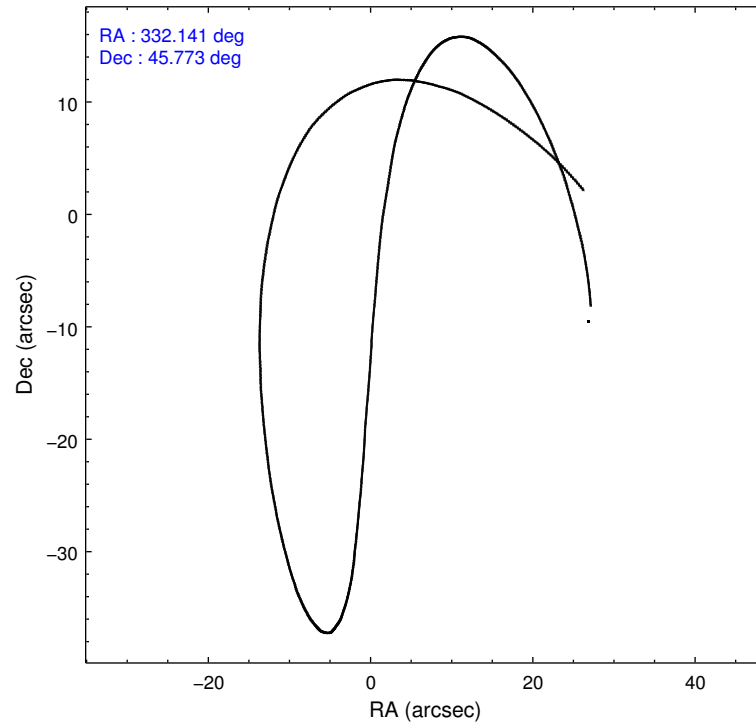
	segment 1	segment 2	segment 3
level 1 events	823	95809	800
rejected events	823	22036	800
rejected %	100%	22%	100%

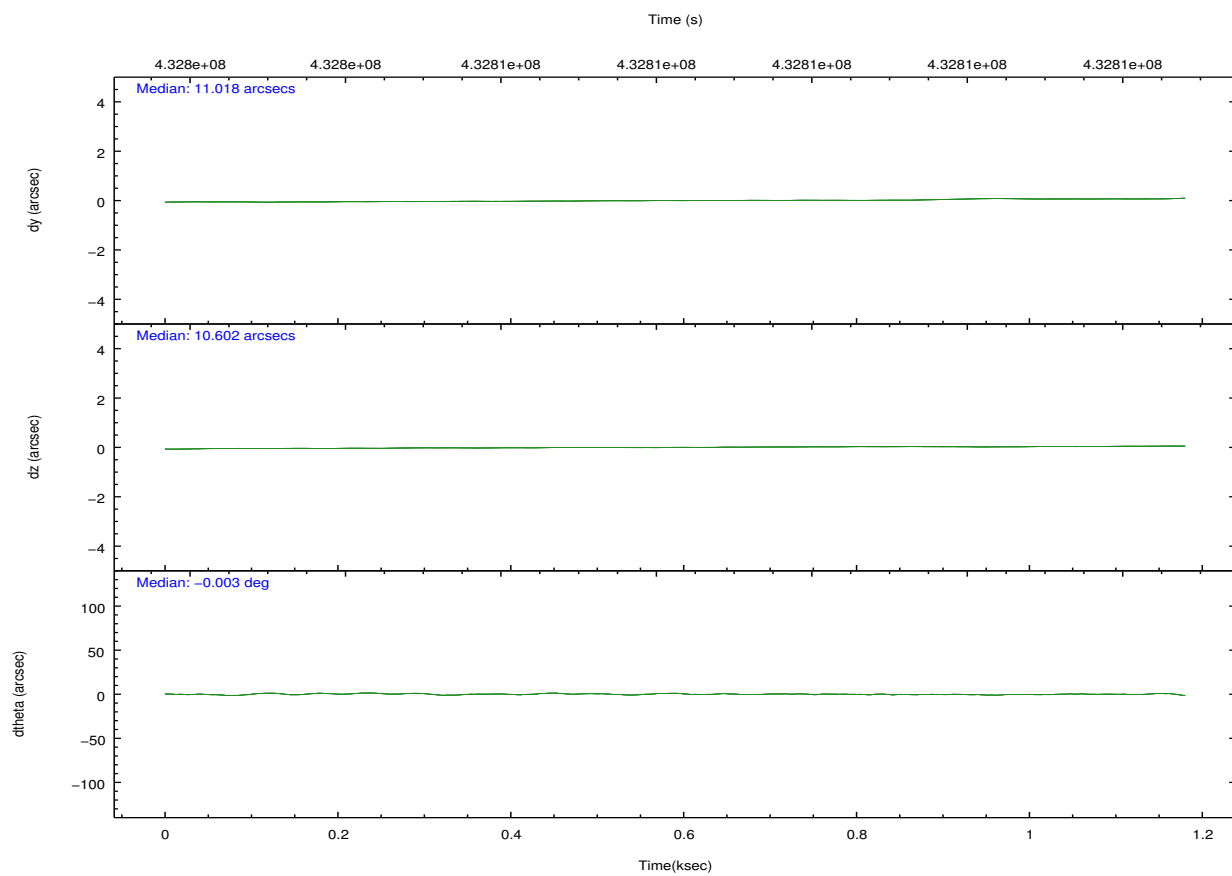
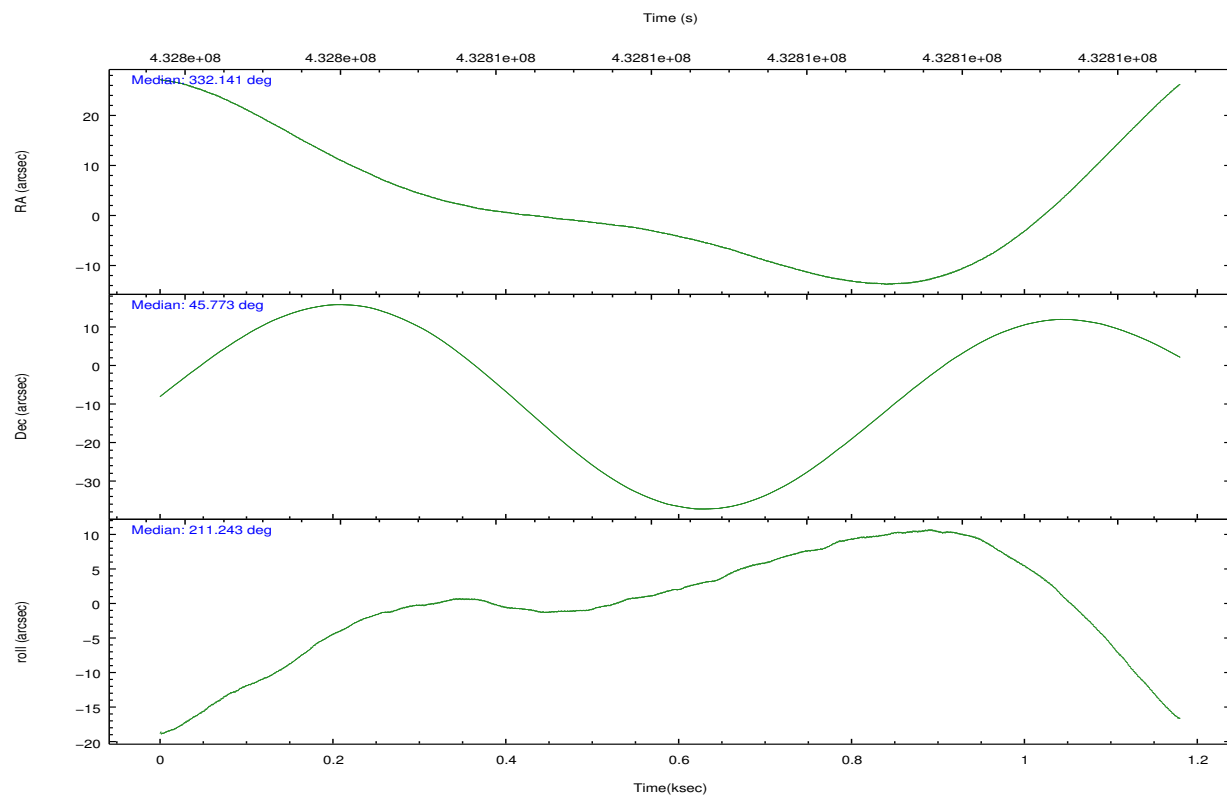
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.160436	332.1421421587823
[deg] Pointing Dec	45.795534	45.77080697662966
[deg] Pointing Roll	211.165603	211.2460515886082
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	432805012.184000	432804635.97451
Observation start date	2011-09-19T07:35:46	2011-09-19T07:30:35
[s] Observation end time (MET)	432806012.184000	432806145.79959
Observation end date	2011-09-19T07:52:26	2011-09-19T07:55:45

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

2.3 Aspect



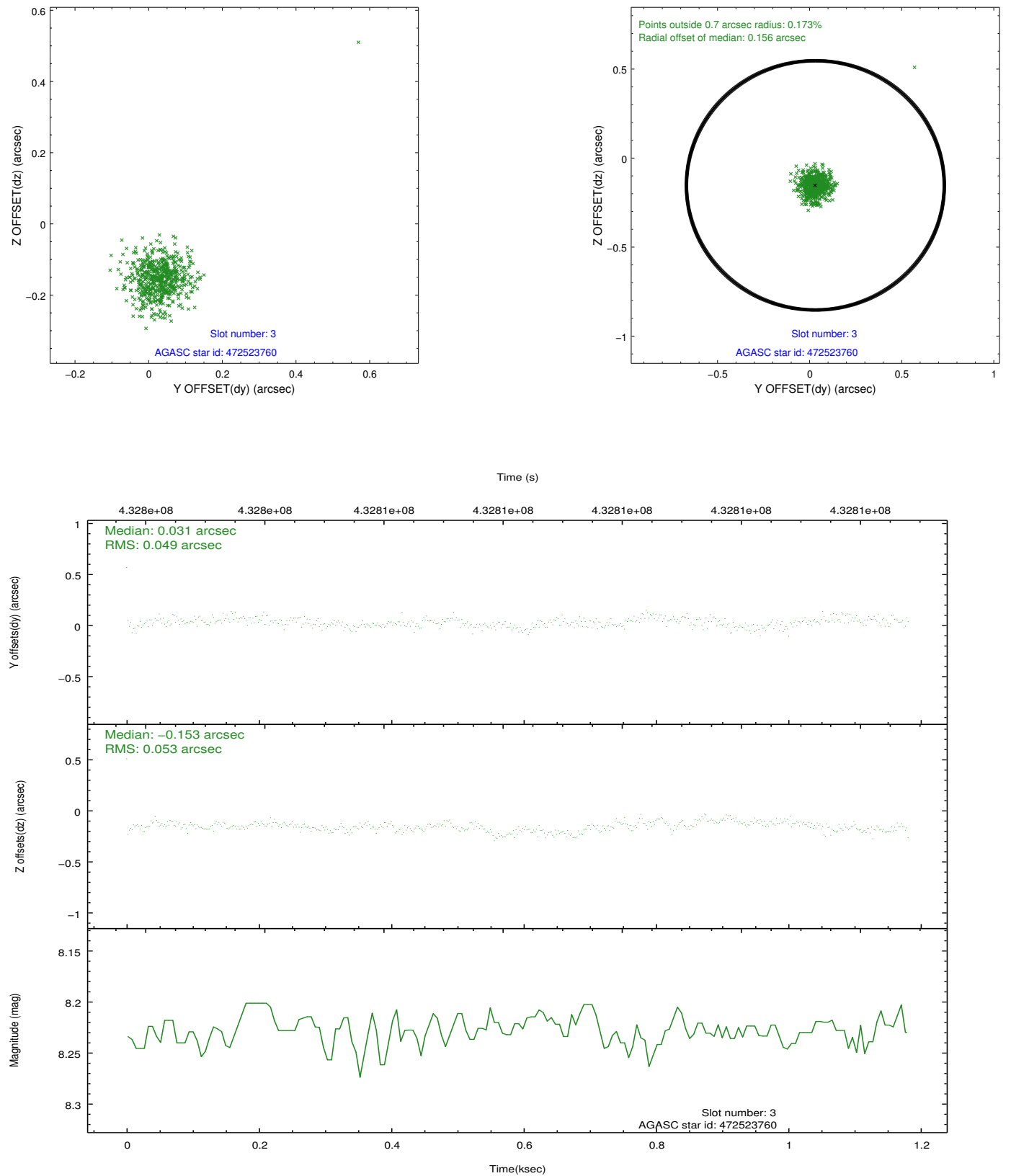


Slot Statistics

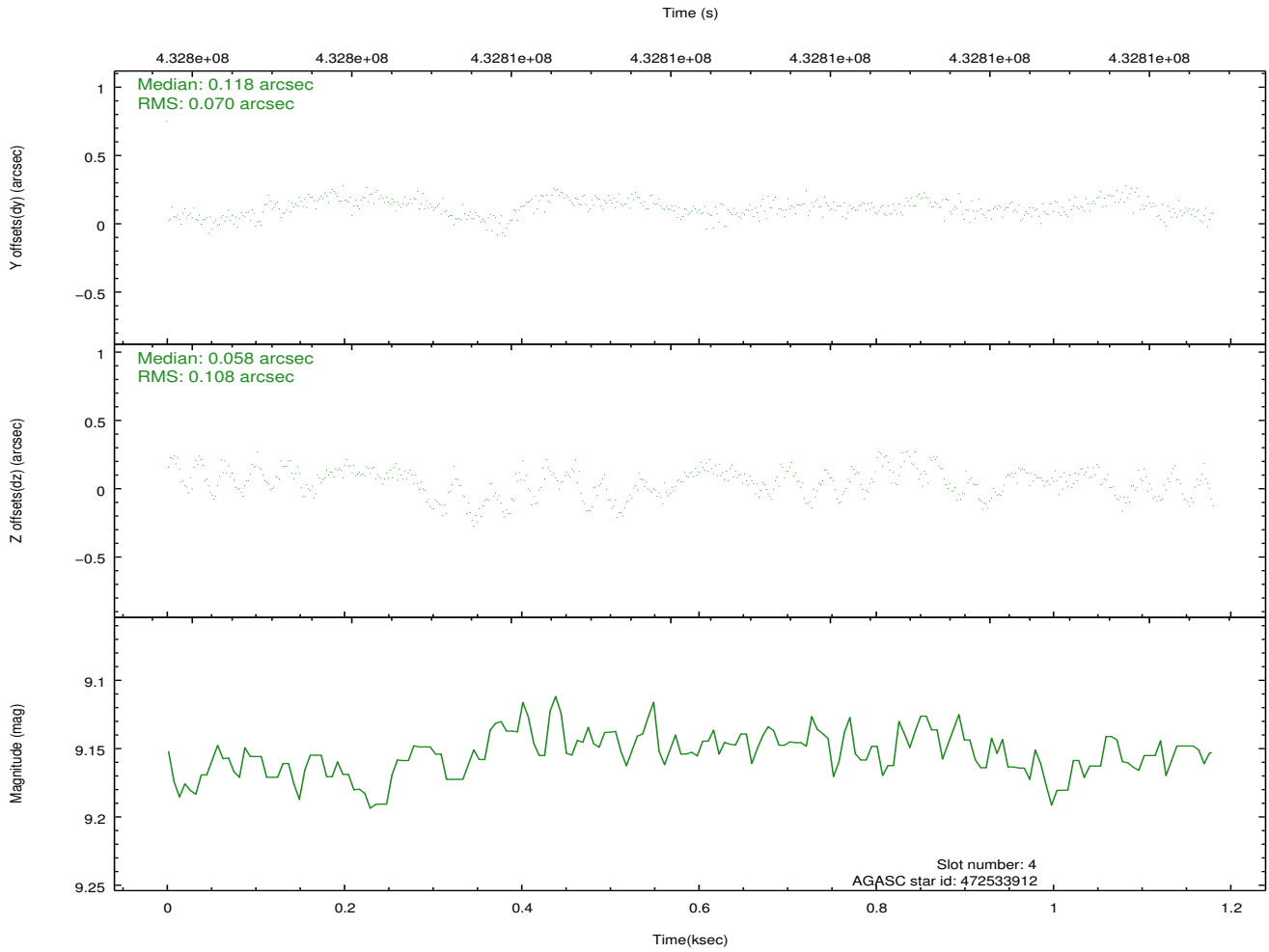
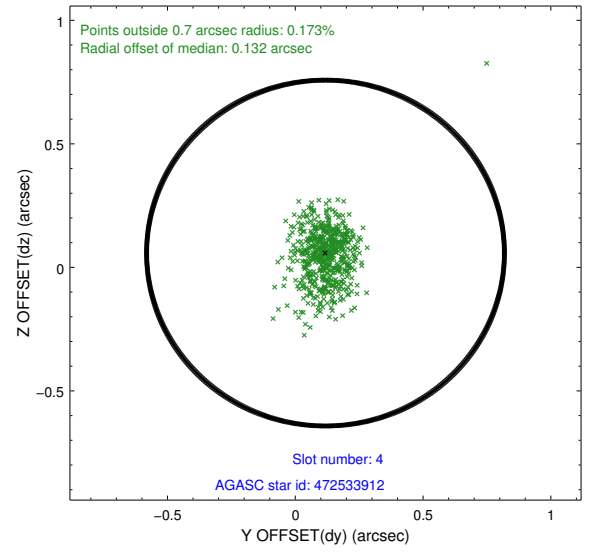
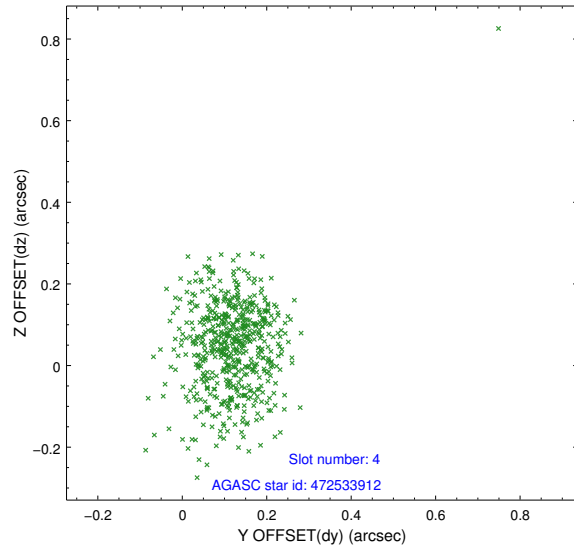
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	288	0.047	-0.169	0.006	0.010	0.000000	0.000000	-1165.35	-459.27
1	FID	HRC-S-2	6.97	288	0.278	-0.128	0.005	0.010	0.000000	0.000000	1230.49	-453.47
2	FID	HRC-S-3	6.99	288	0.064	-0.004	0.006	0.011	0.000000	0.000000	-1163.78	568.84
3	GUIDE	472523760	8.23	577	0.031	-0.153	0.066	0.109	331.645363	45.403260	1844.50	535.09
4	GUIDE	472533912	9.15	577	0.118	0.058	0.128	0.216	331.791136	46.368695	-278.82	-2237.12
5	GUIDE	472655152	9.41	577	0.080	-0.123	0.148	0.232	332.504239	45.862991	-862.87	236.83
6	GUIDE	472665256	9.00	577	0.172	0.225	0.102	0.157	332.808125	46.195041	-2128.36	-396.43
7	GUIDE	472525528	6.62	576	-0.389	0.016	0.079	0.138	331.551102	45.248694	2334.77	883.83

2.4 Star Slots

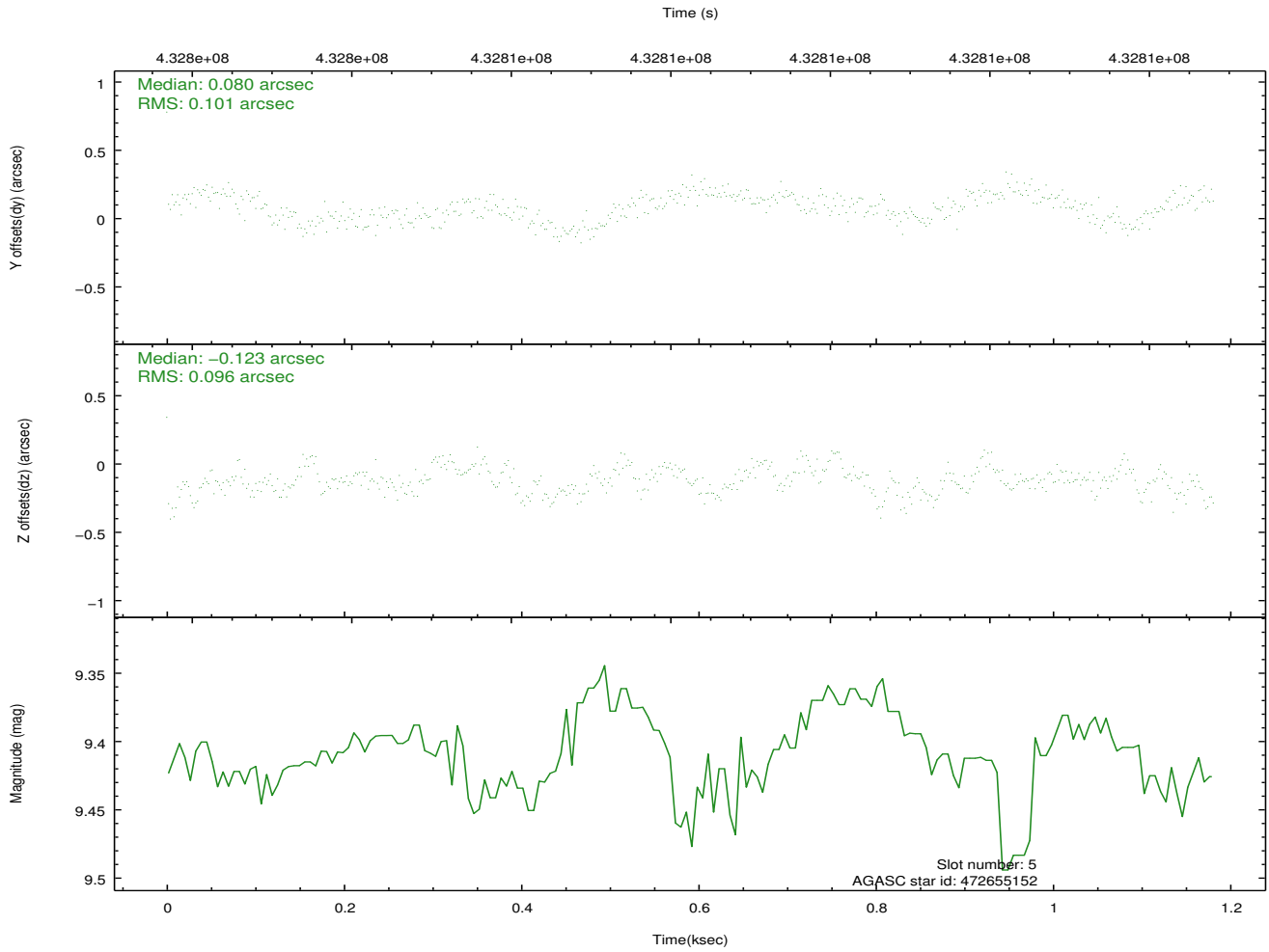
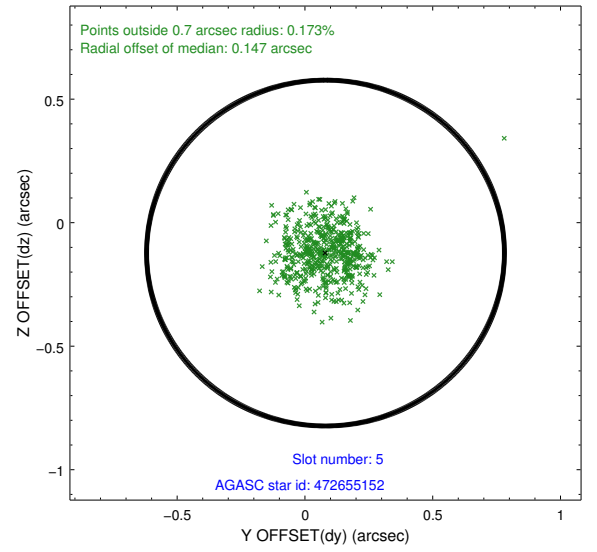
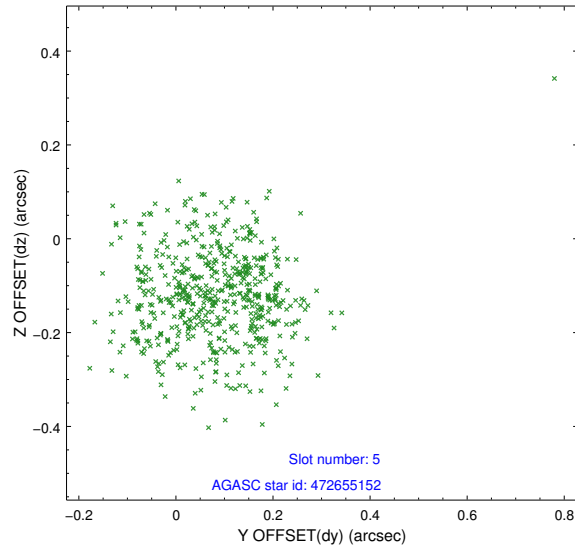
2.4.1 Slot 3



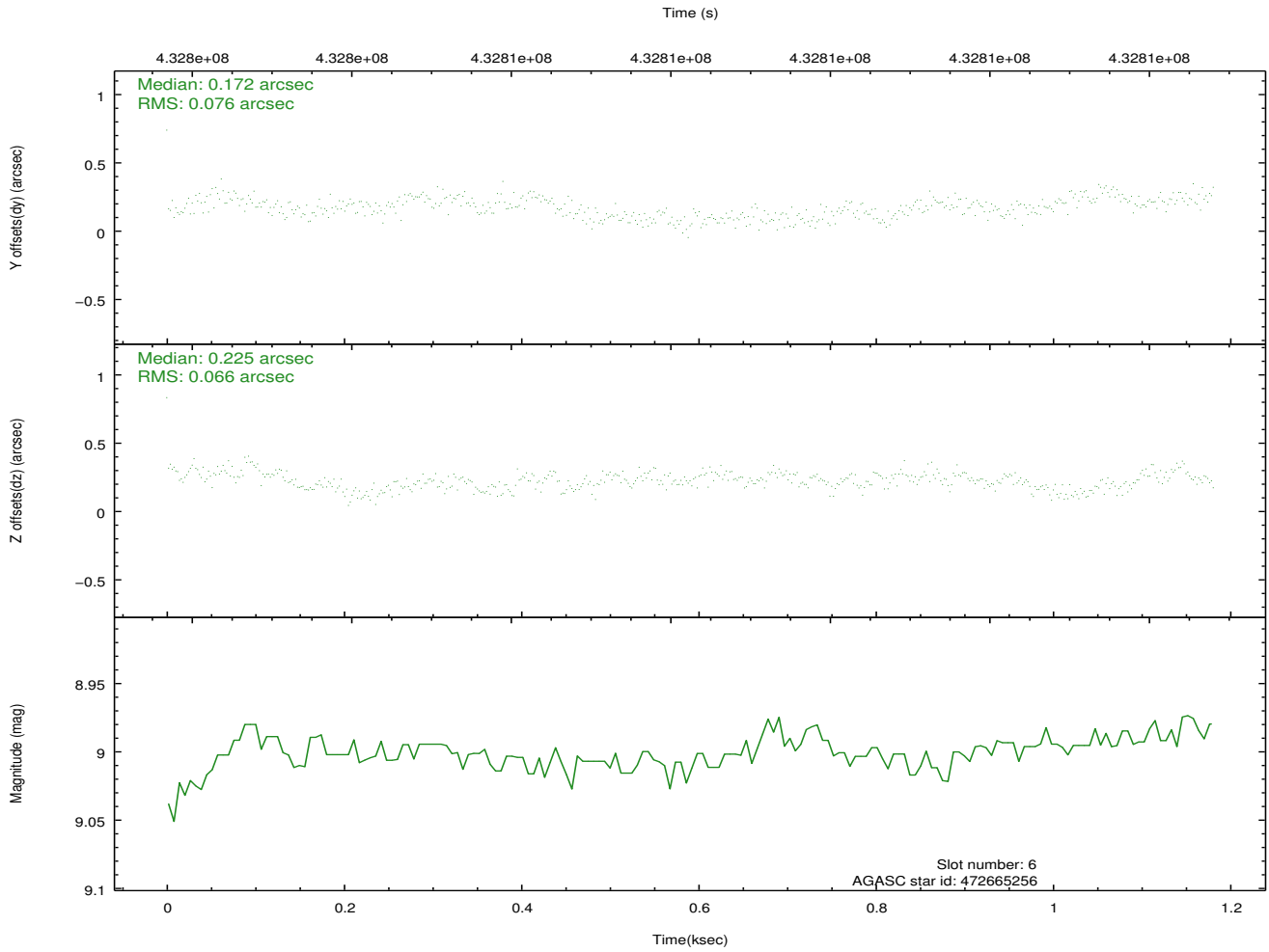
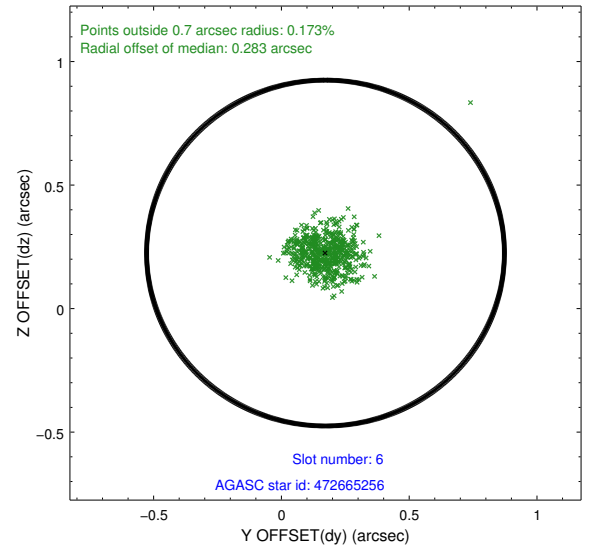
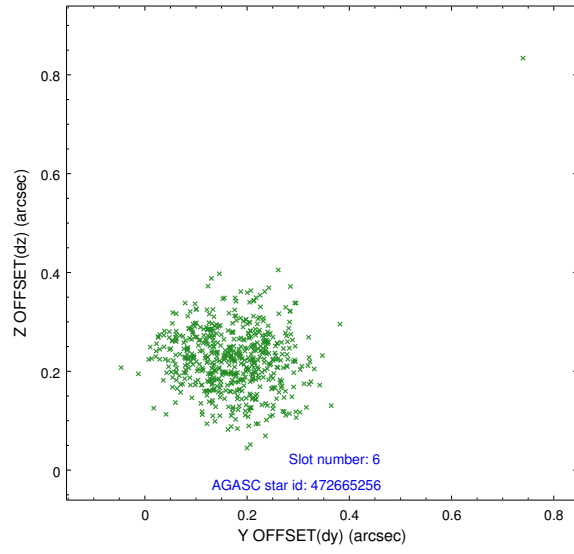
2.4.2 Slot 4



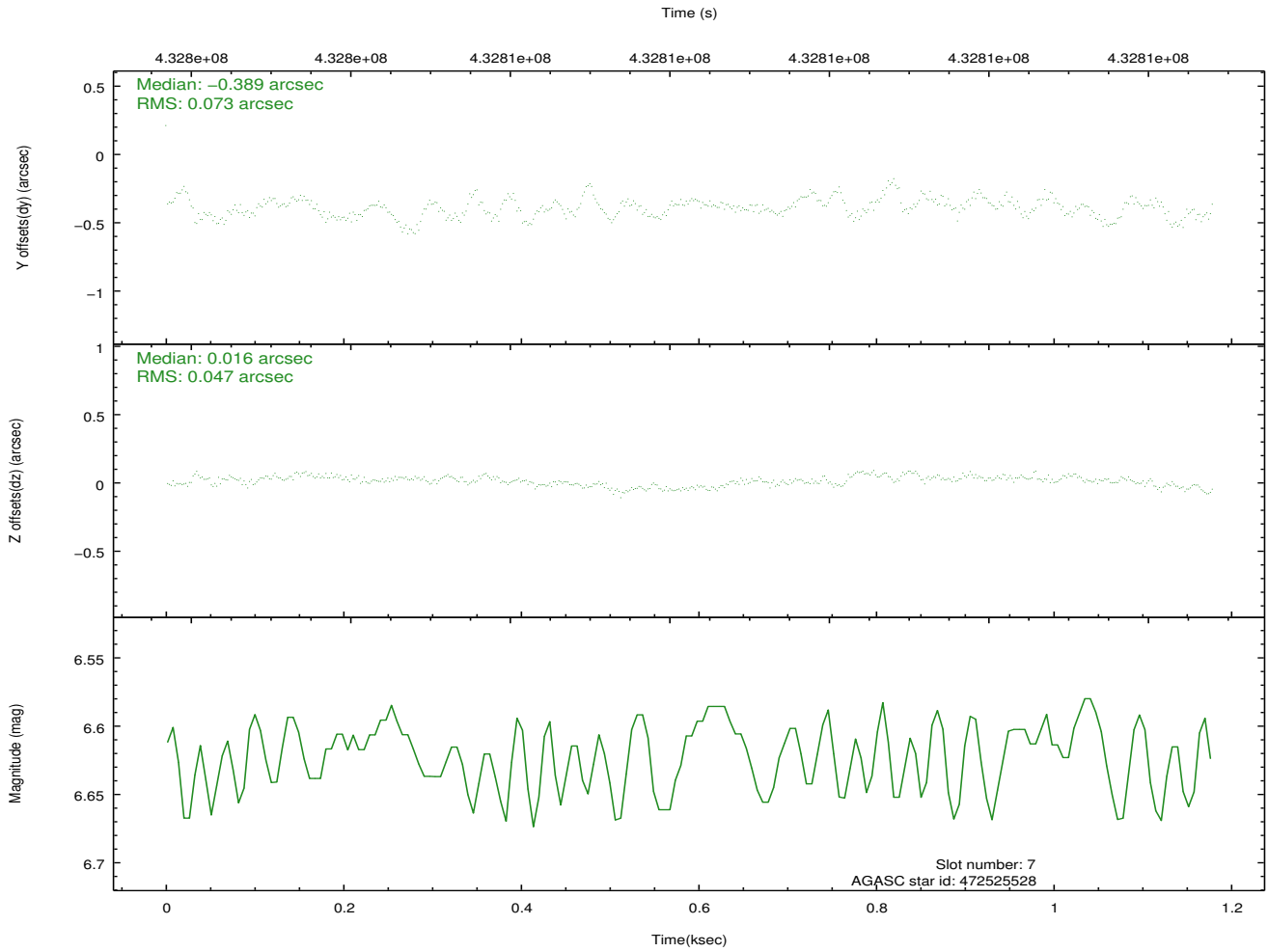
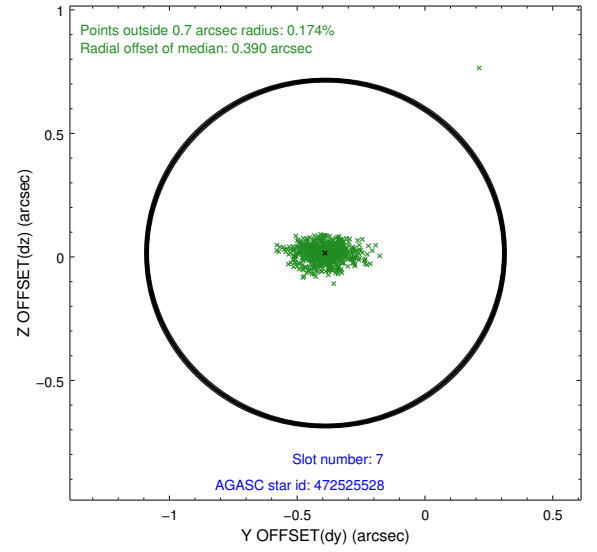
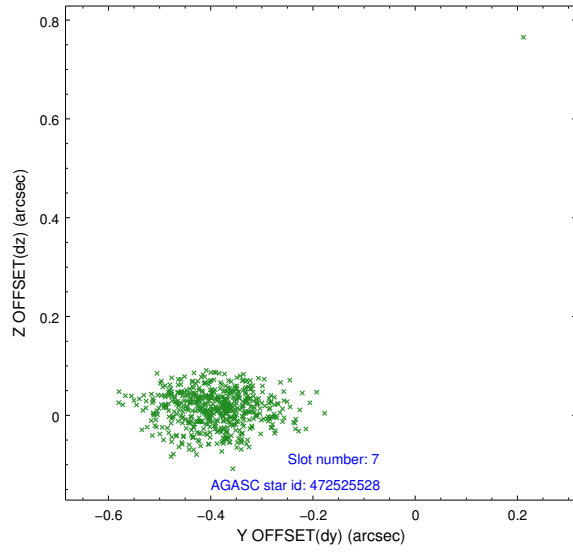
2.4.3 Slot 5



2.4.4 Slot 6

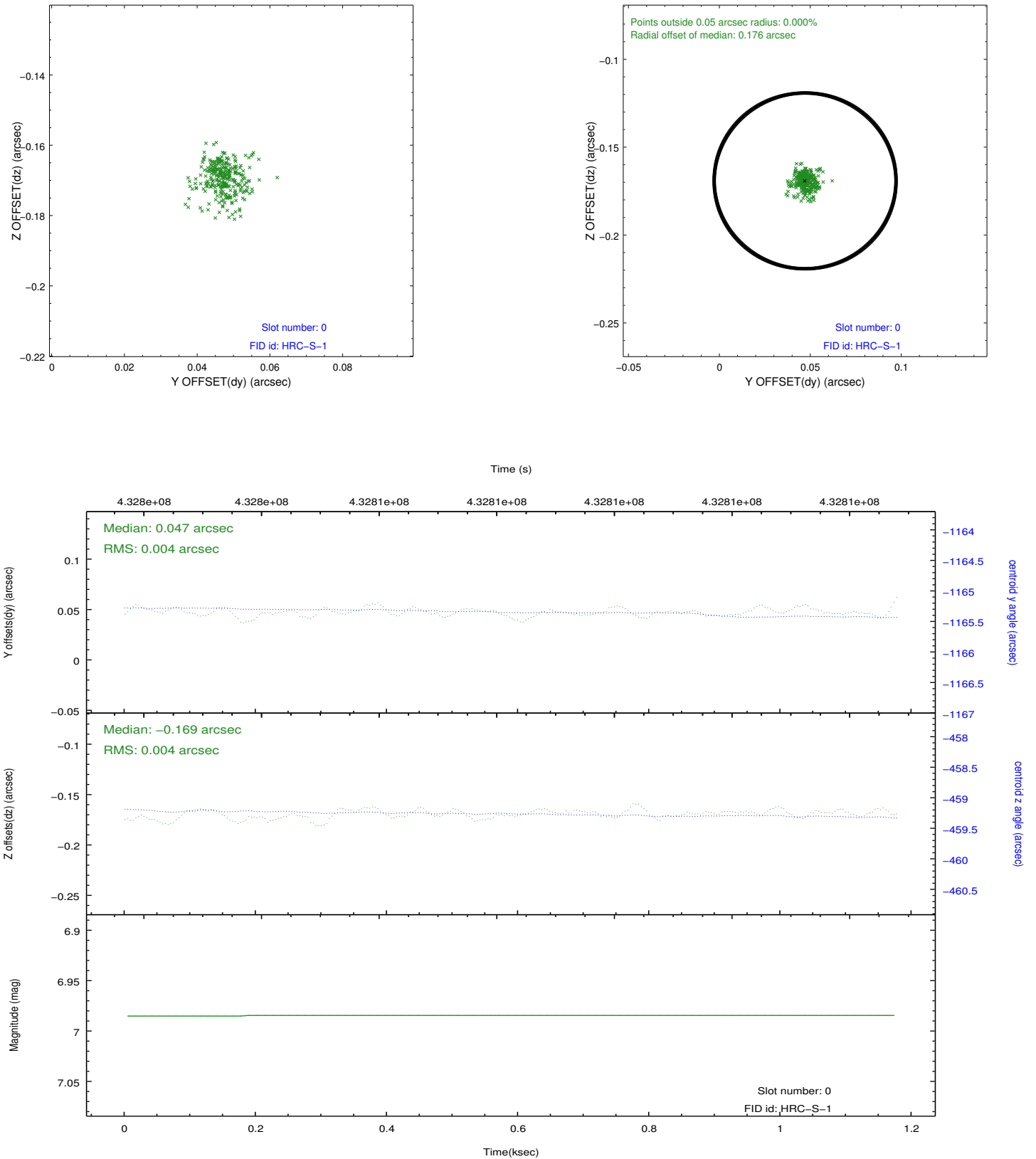


2.4.5 Slot 7

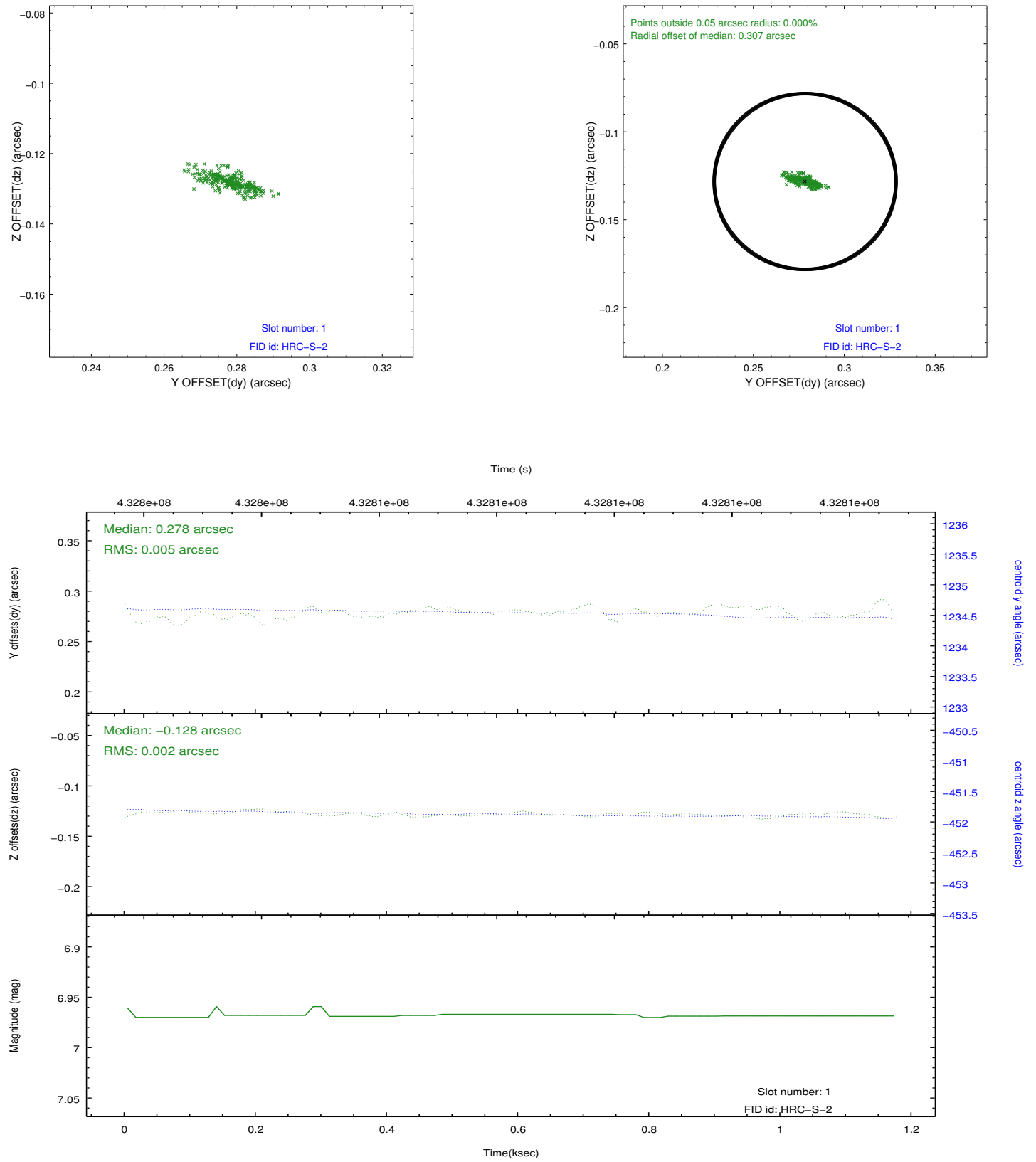


2.5 FID Slots

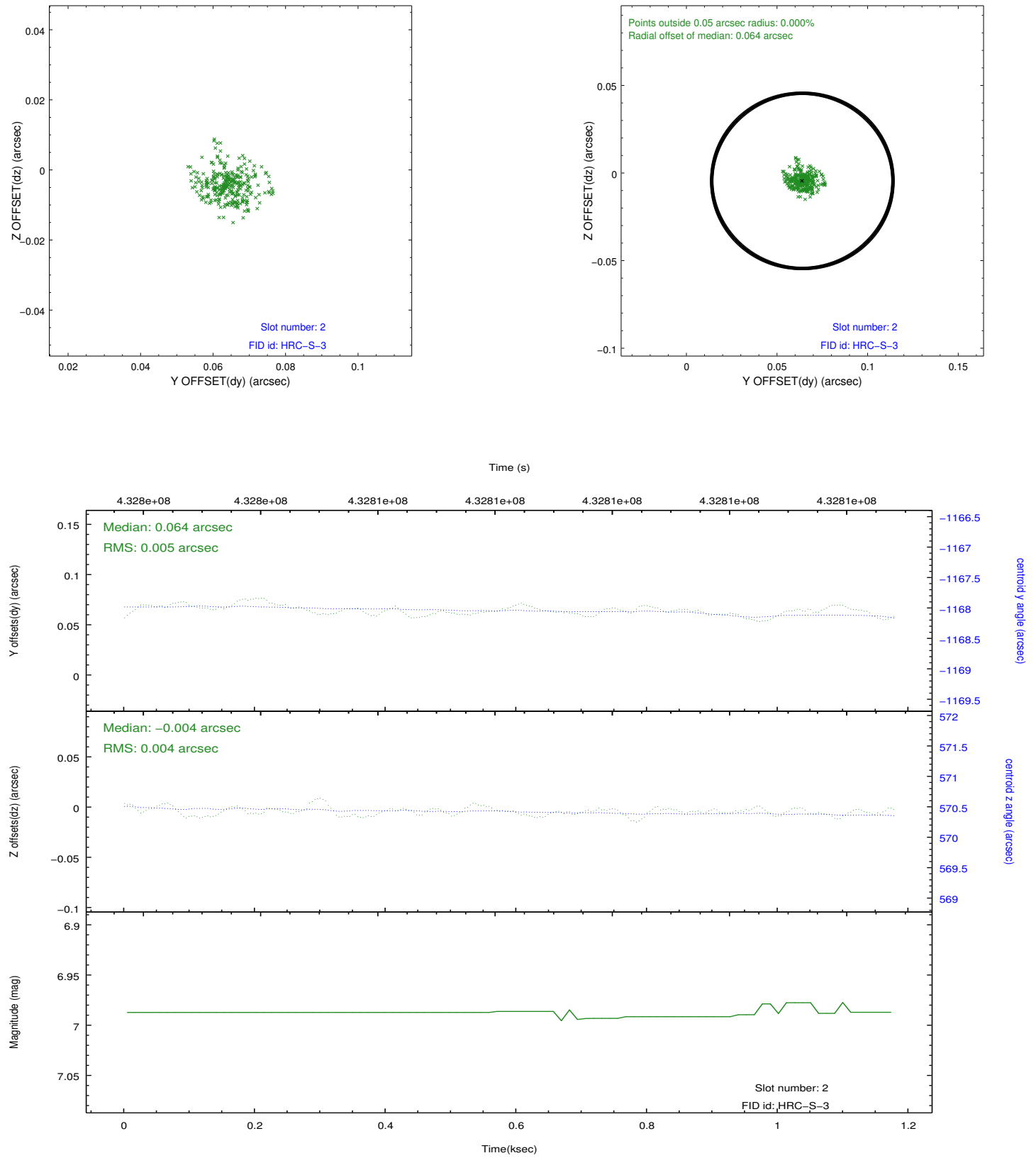
2.5.1 Slot 0



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)	2012.08.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1492813102603

A.2 Comments