

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6501 - L2 Version 3
Chandra X-Ray Center

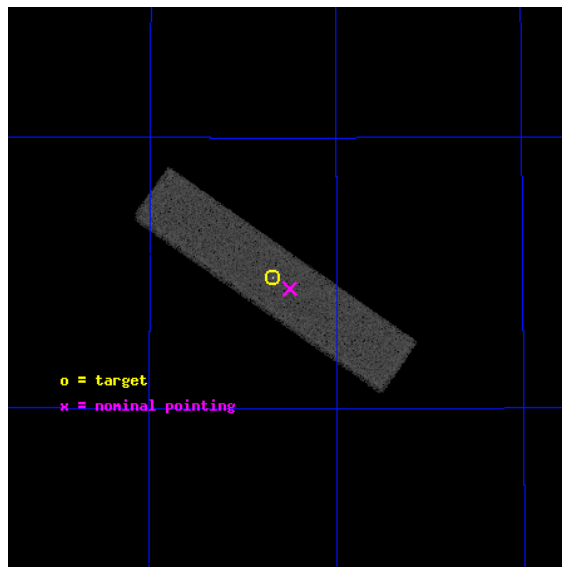
L2 Processing Date : Aug 11 2012

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1 Front

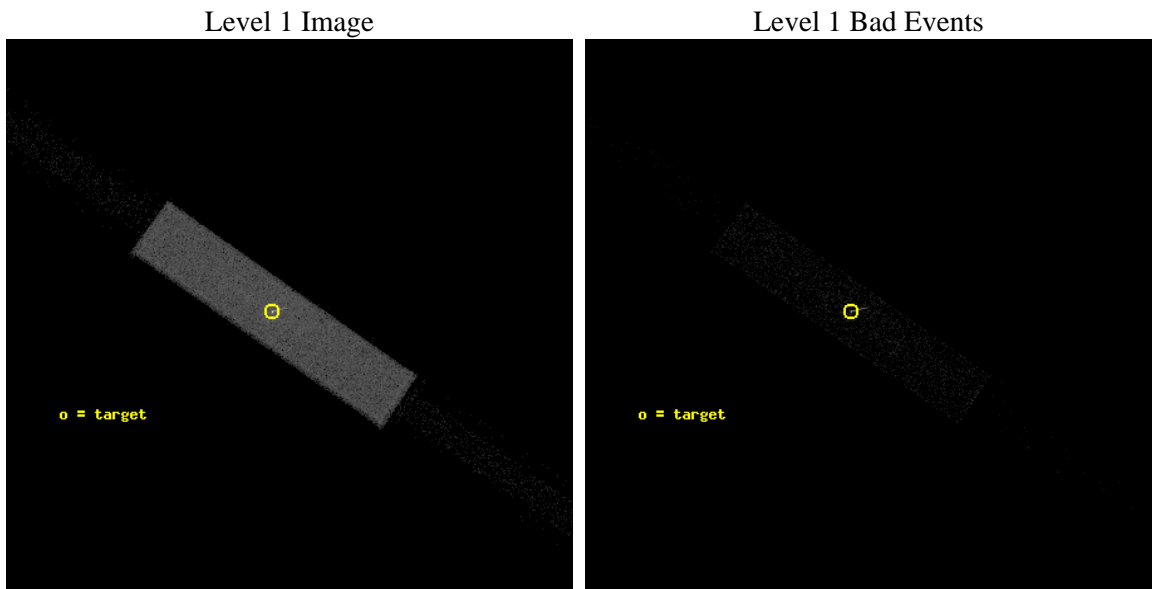
seq_num	290594	Sequence number
obs_id	6501	Observation id
title	AO7B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.12447286117	Nominal RA [deg]
dec_nom	45.721763689402	Nominal Dec [deg]
roll_nom	214.75240010455	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1151.3313041329	[s]
livetime	1142.4318136252	Ontime multiplied by DTCOR
l2events	62482	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	1151.3313041329	[s]
caldsver	4.5.1.1	 	l1events	100637	Number of level 1 events
date	2012-08-11T13:48:22	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

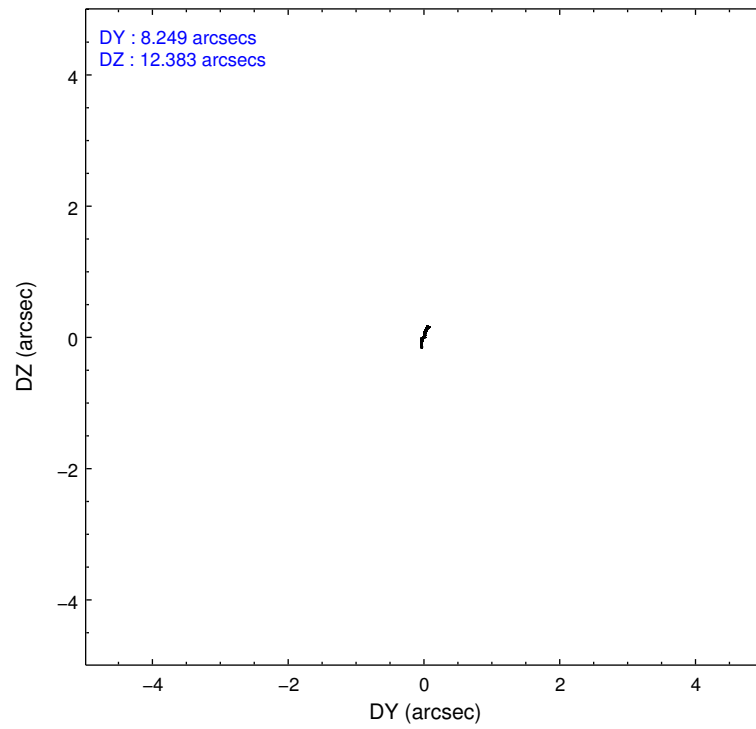
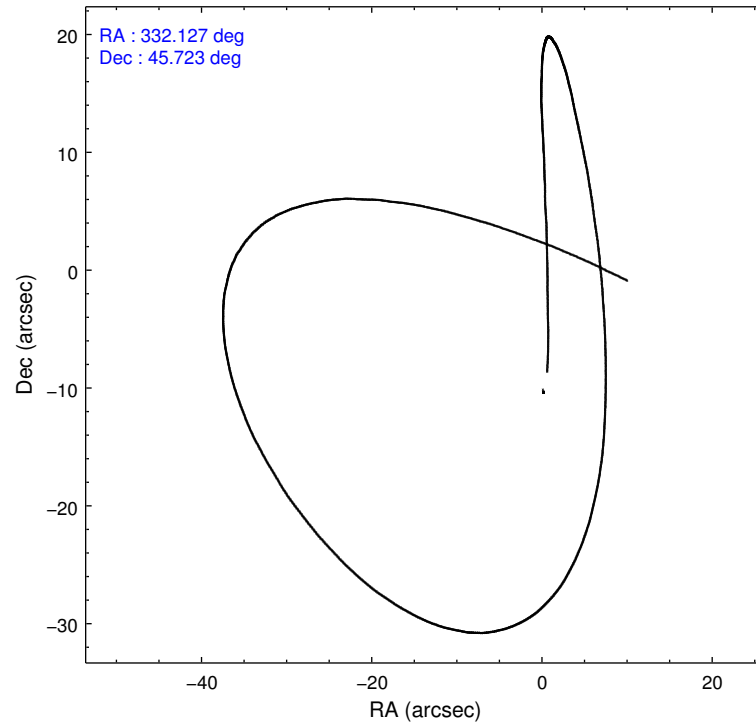
	segment 1	segment 2	segment 3
level 1 events	866	98932	839
rejected events	866	23003	839
rejected %	100%	23%	100%

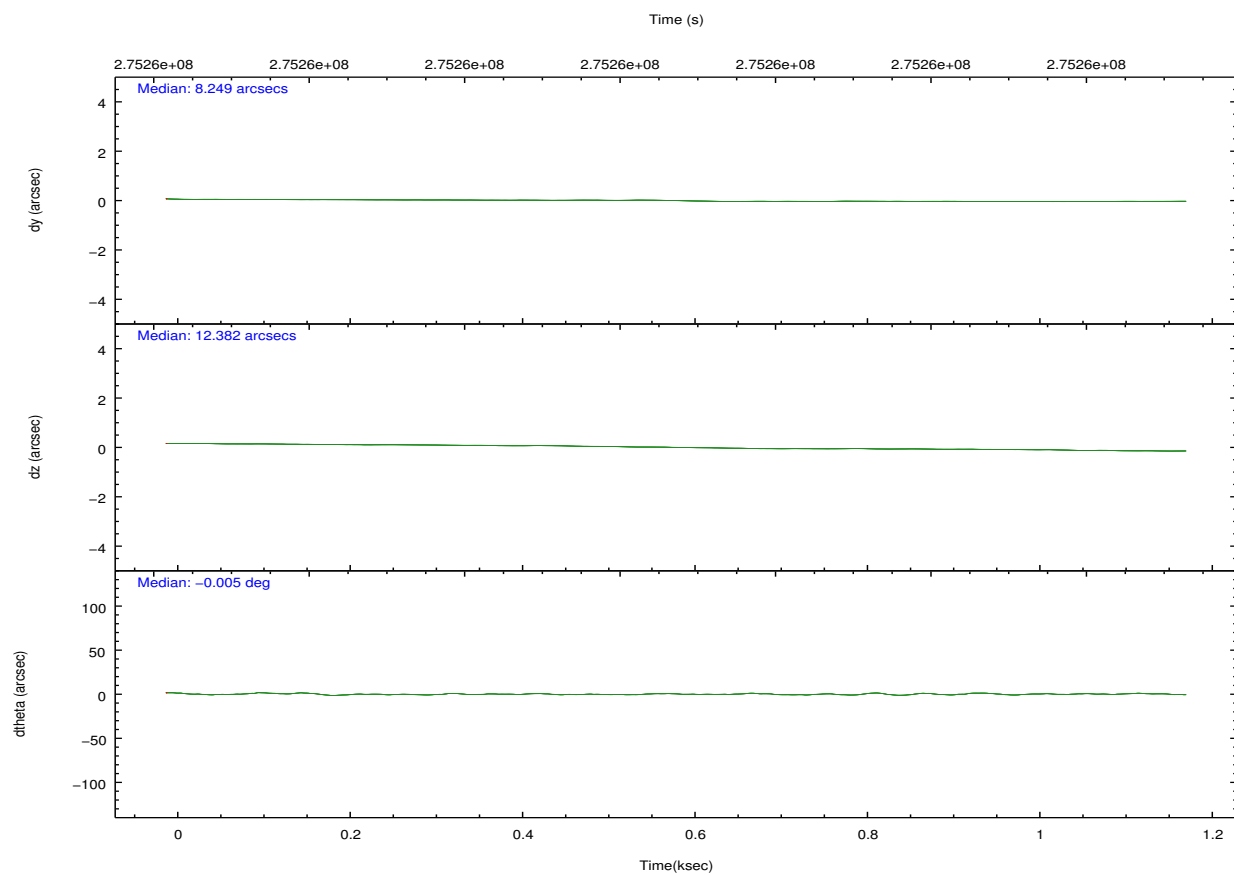
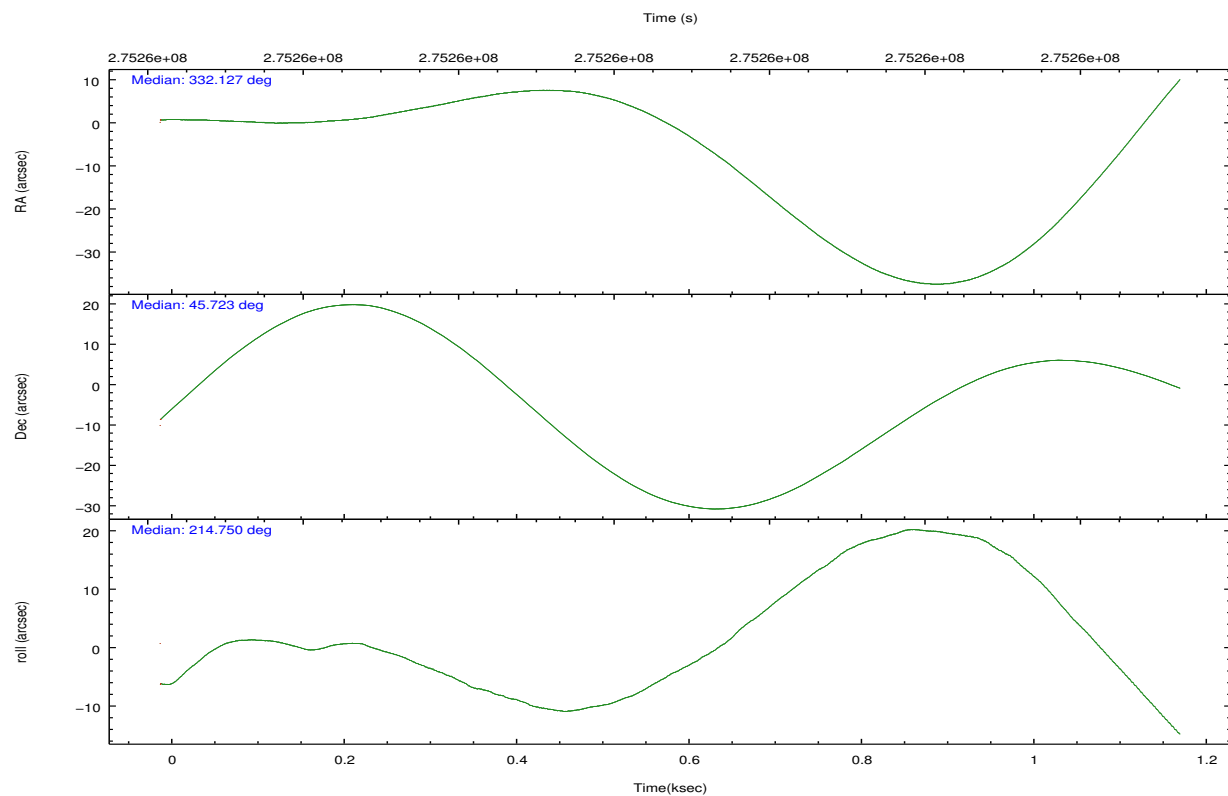
2.2 Compared Parameters

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	332.140728	332.1244728611673
[deg] Pointing Dec	45.747225	45.72176368940189
[deg] Pointing Roll	214.673410	214.7524001045547
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	275259850.184000	275259474.50506
Observation start date	2006-09-21T21:03:05	2006-09-21T20:57:54
[s] Observation end time (MET)	275260850.184000	275260984.33013
Observation end date	2006-09-21T21:19:45	2006-09-21T21:23:04

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

2.3 Aspect



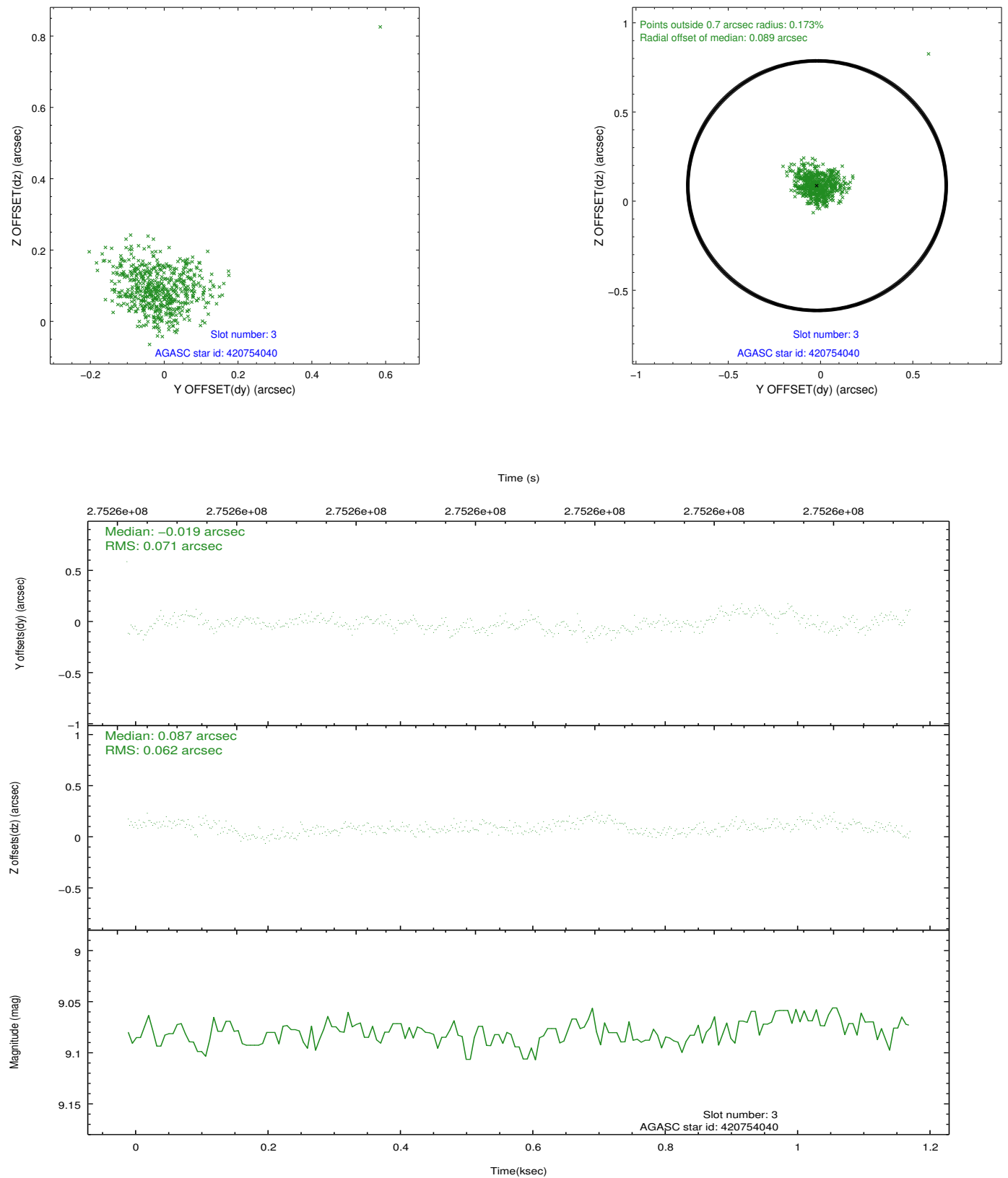


Slot Statistics

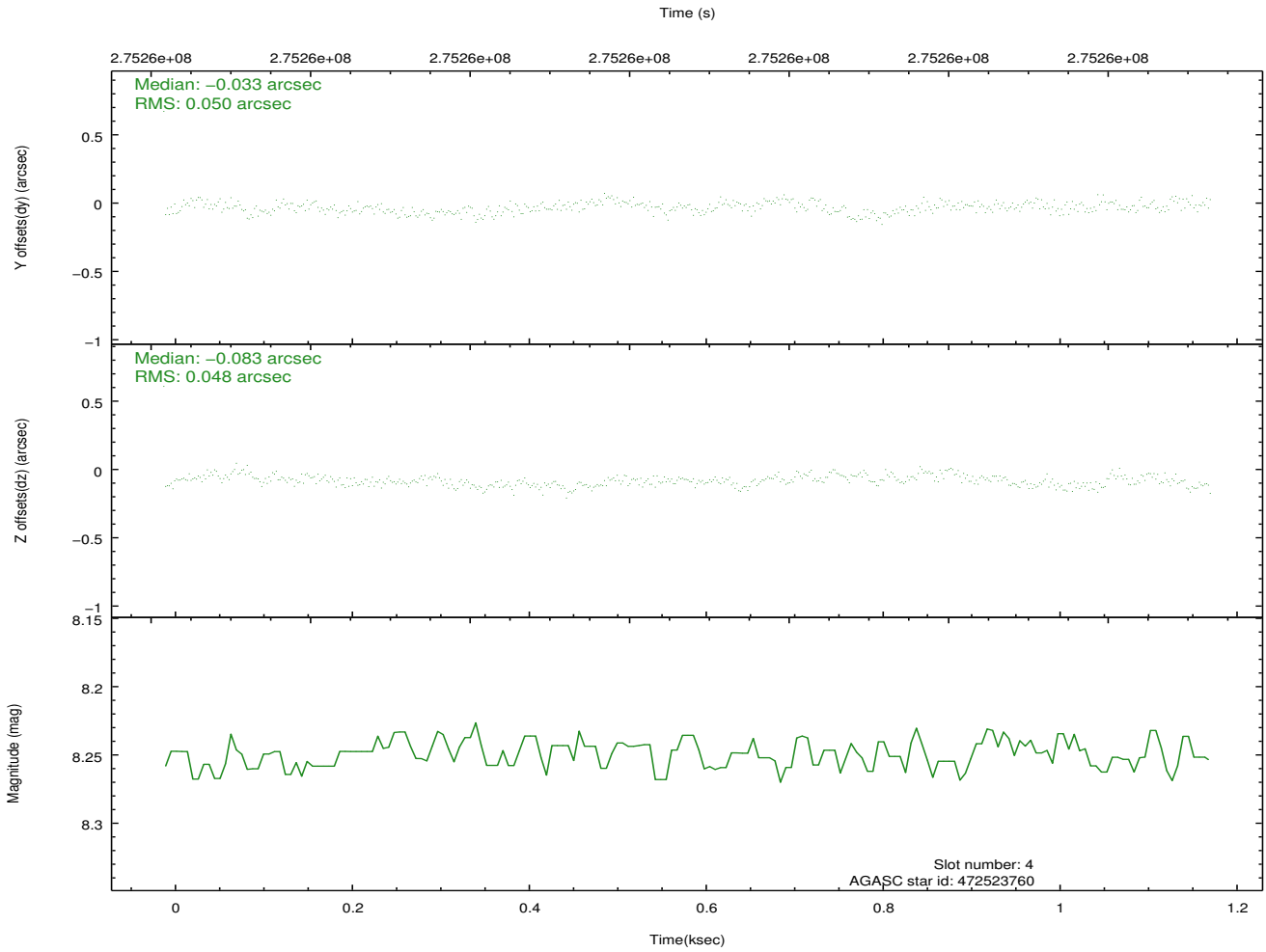
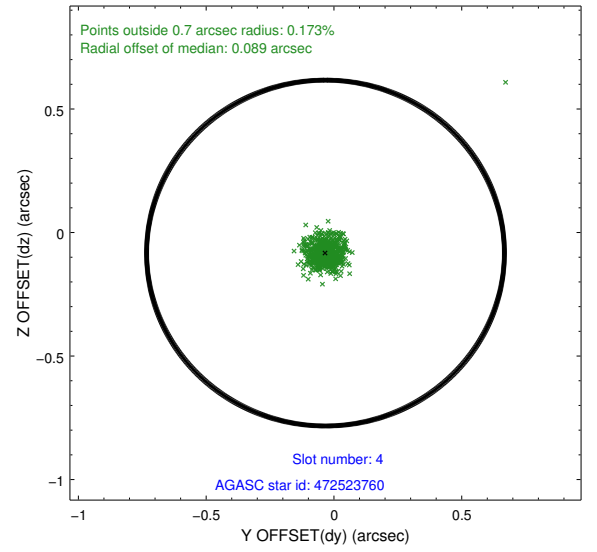
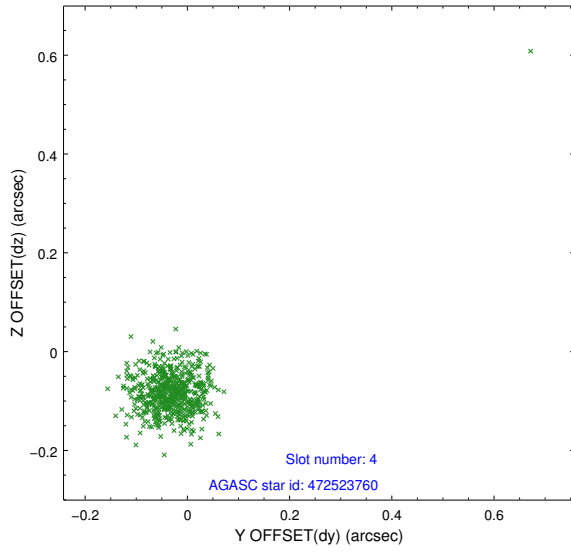
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.06	289	0.139	-0.120	0.006	0.011	0.000000	0.000000	-1162.39	-461.13
1	FID	HRC-S-2	7.06	289	0.147	-0.112	0.005	0.010	0.000000	0.000000	1233.26	-455.31
2	FID	HRC-S-3	7.07	289	0.104	-0.070	0.006	0.010	0.000000	0.000000	-1160.90	566.87
3	GUIDE	420754040	9.08	578	-0.019	0.087	0.093	0.151	331.917939	44.882543	2238.08	2240.61
4	GUIDE	472523760	8.25	578	-0.033	-0.083	0.060	0.096	331.645363	45.403260	1736.90	310.78
5	GUIDE	472533912	9.16	578	-0.019	0.049	0.125	0.204	331.791136	46.368695	-555.65	-2330.94
6	GUIDE	472655152	9.43	576	-0.007	-0.129	0.115	0.182	332.504239	45.862991	-987.72	173.89
7	GUIDE	472665256	9.02	577	0.080	0.079	0.084	0.131	332.808125	46.195041	-2289.49	-381.02

2.4 Star Slots

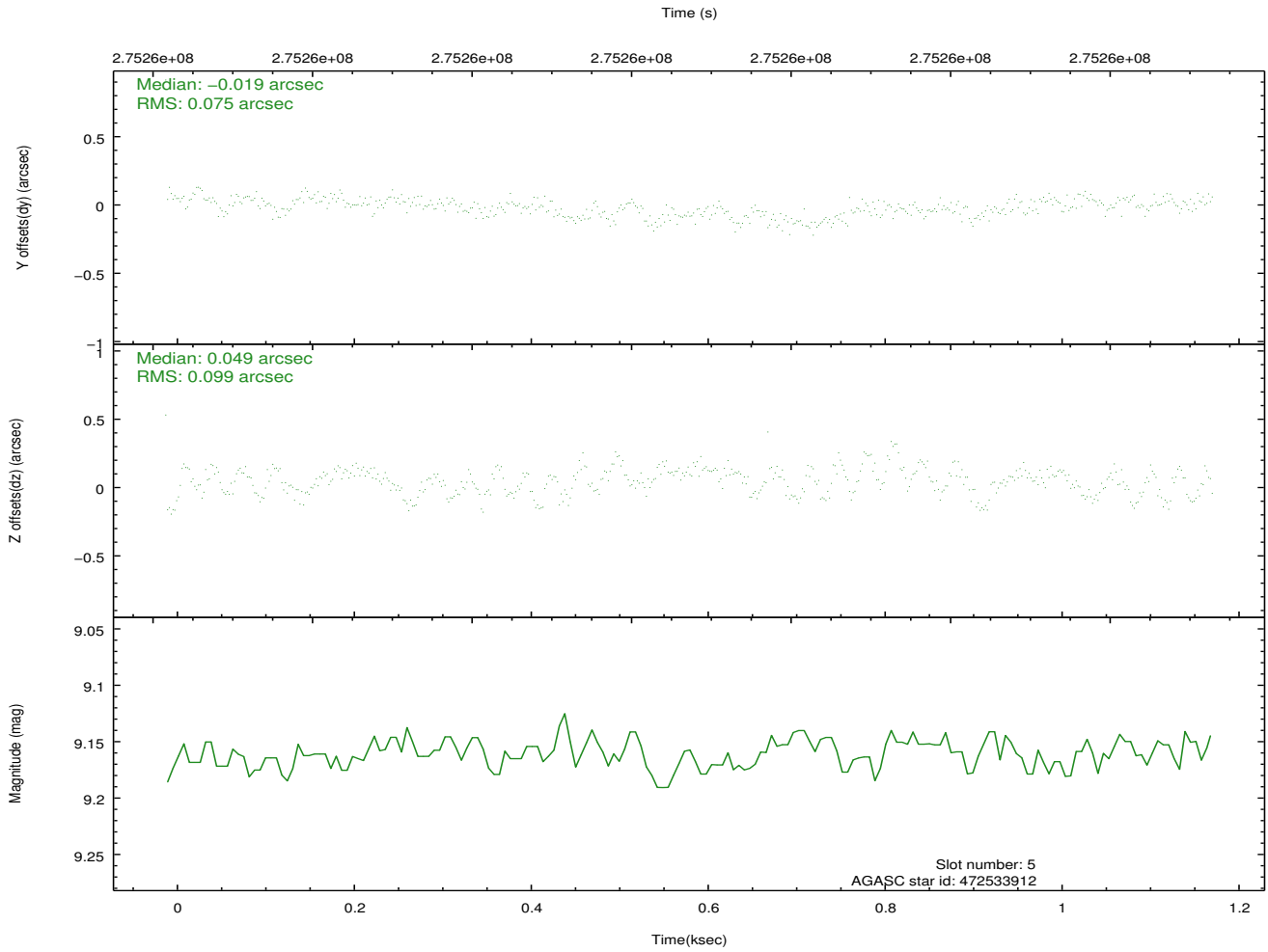
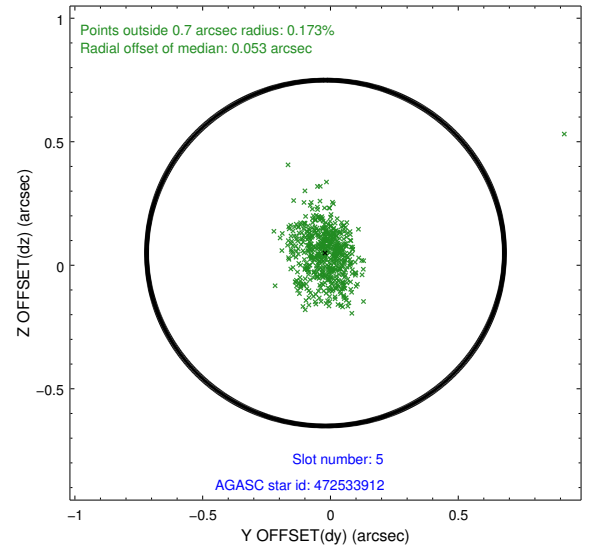
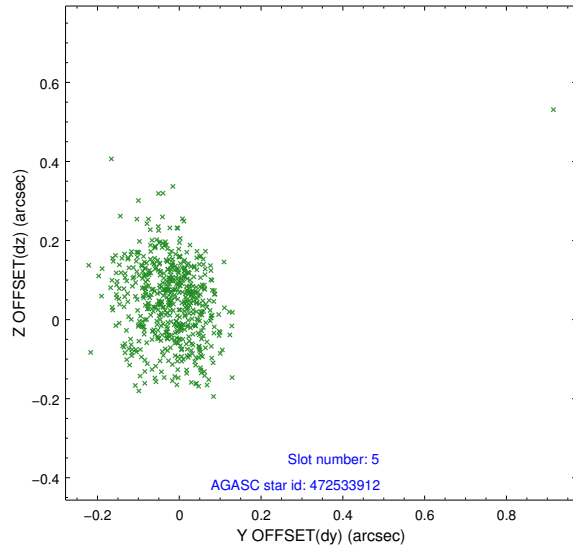
2.4.1 Slot 3



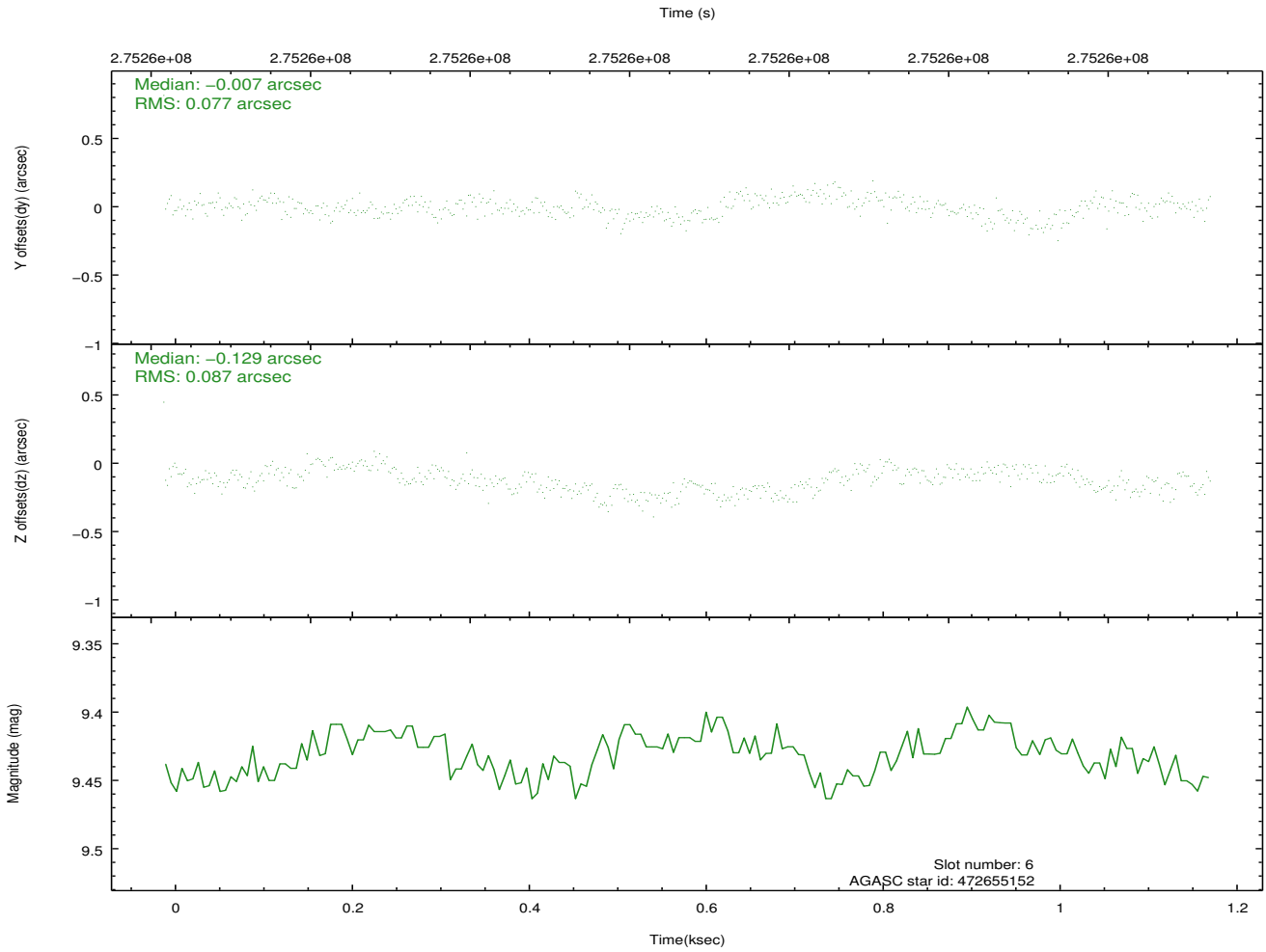
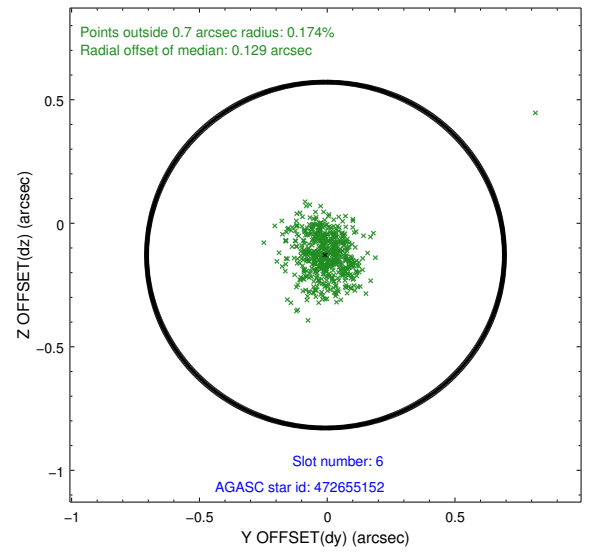
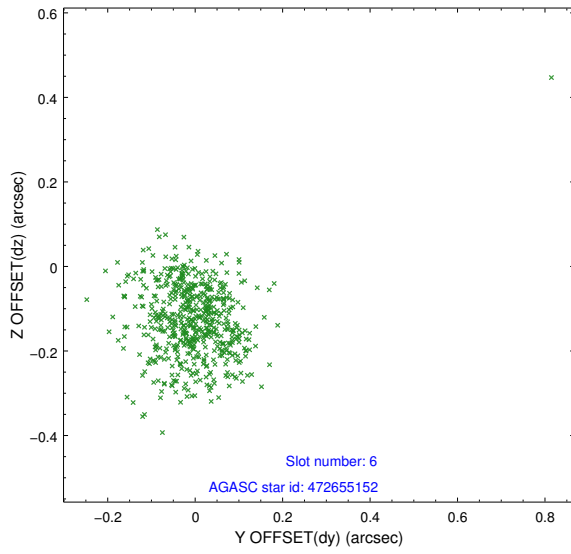
2.4.2 Slot 4



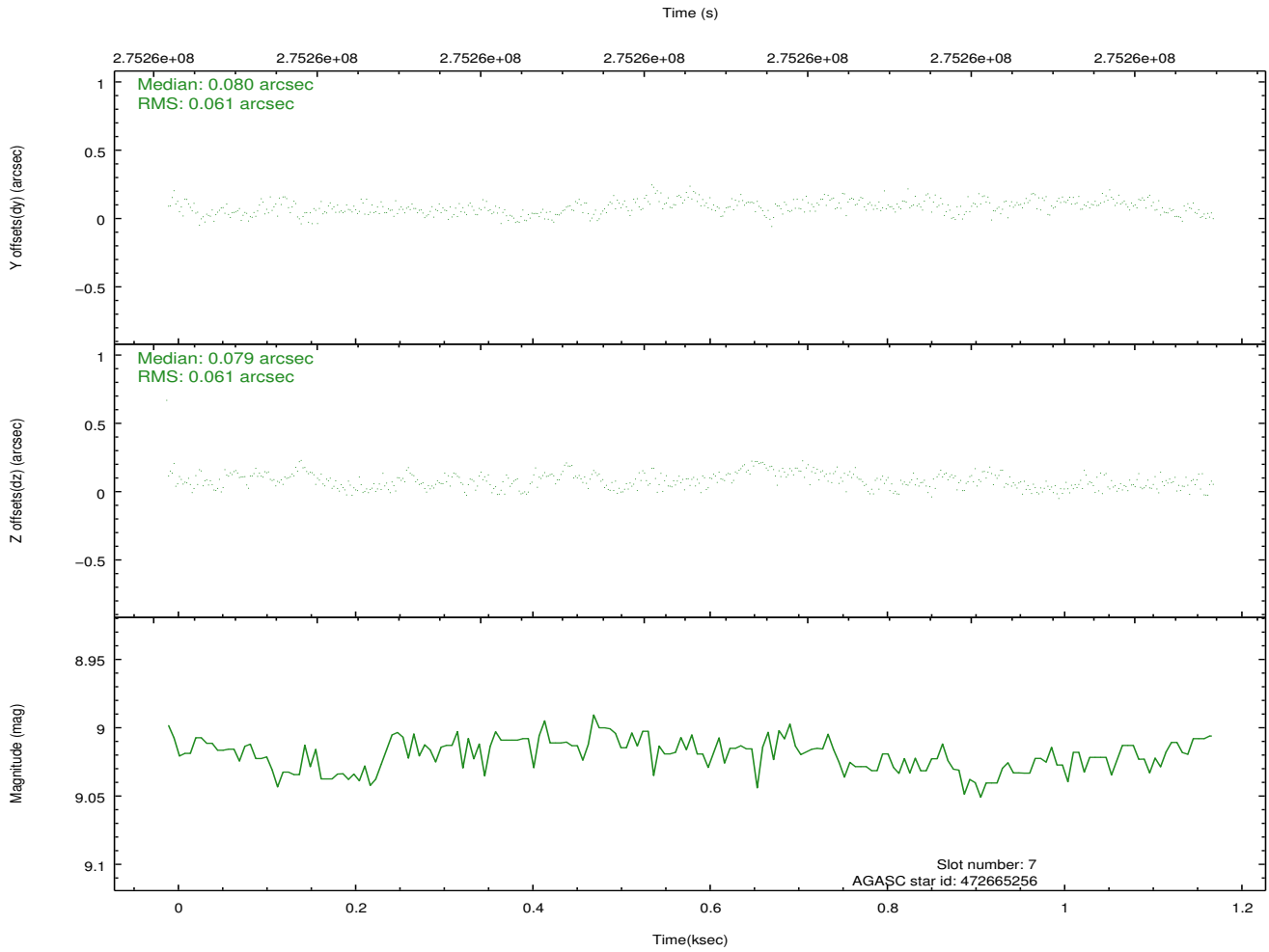
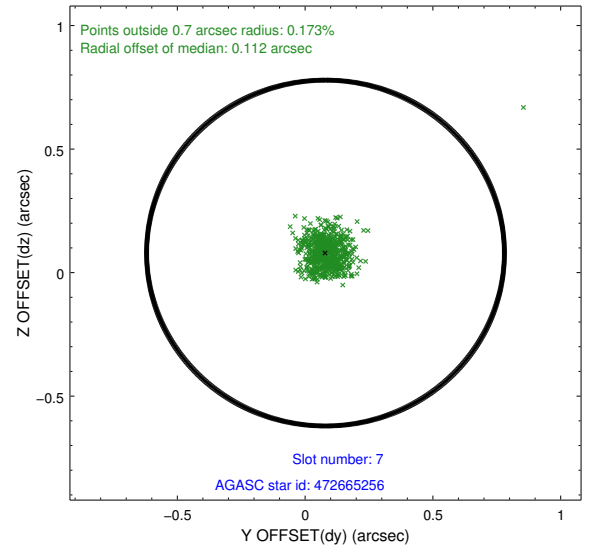
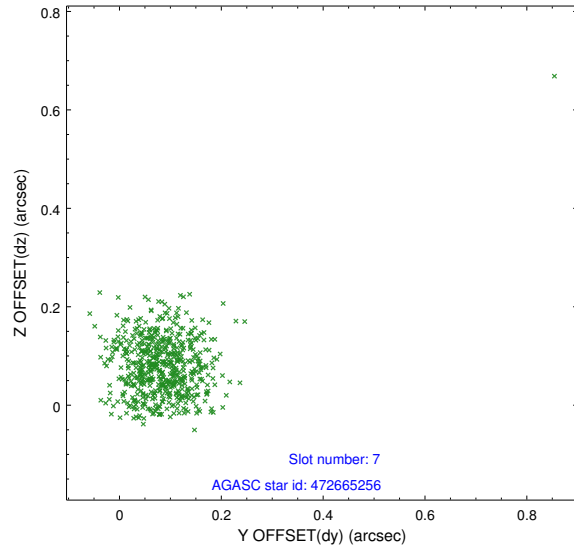
2.4.3 Slot 5



2.4.4 Slot 6

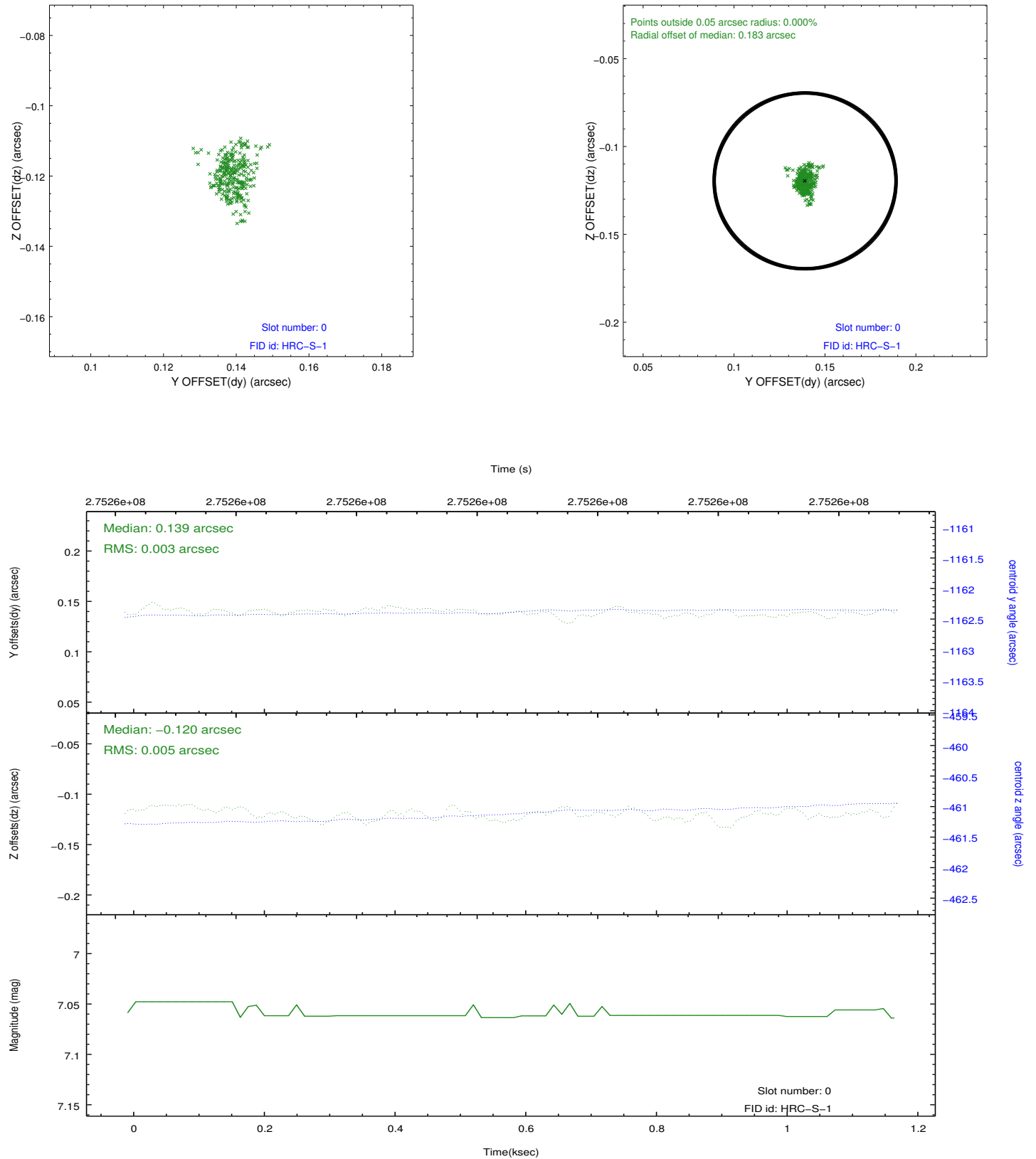


2.4.5 Slot 7

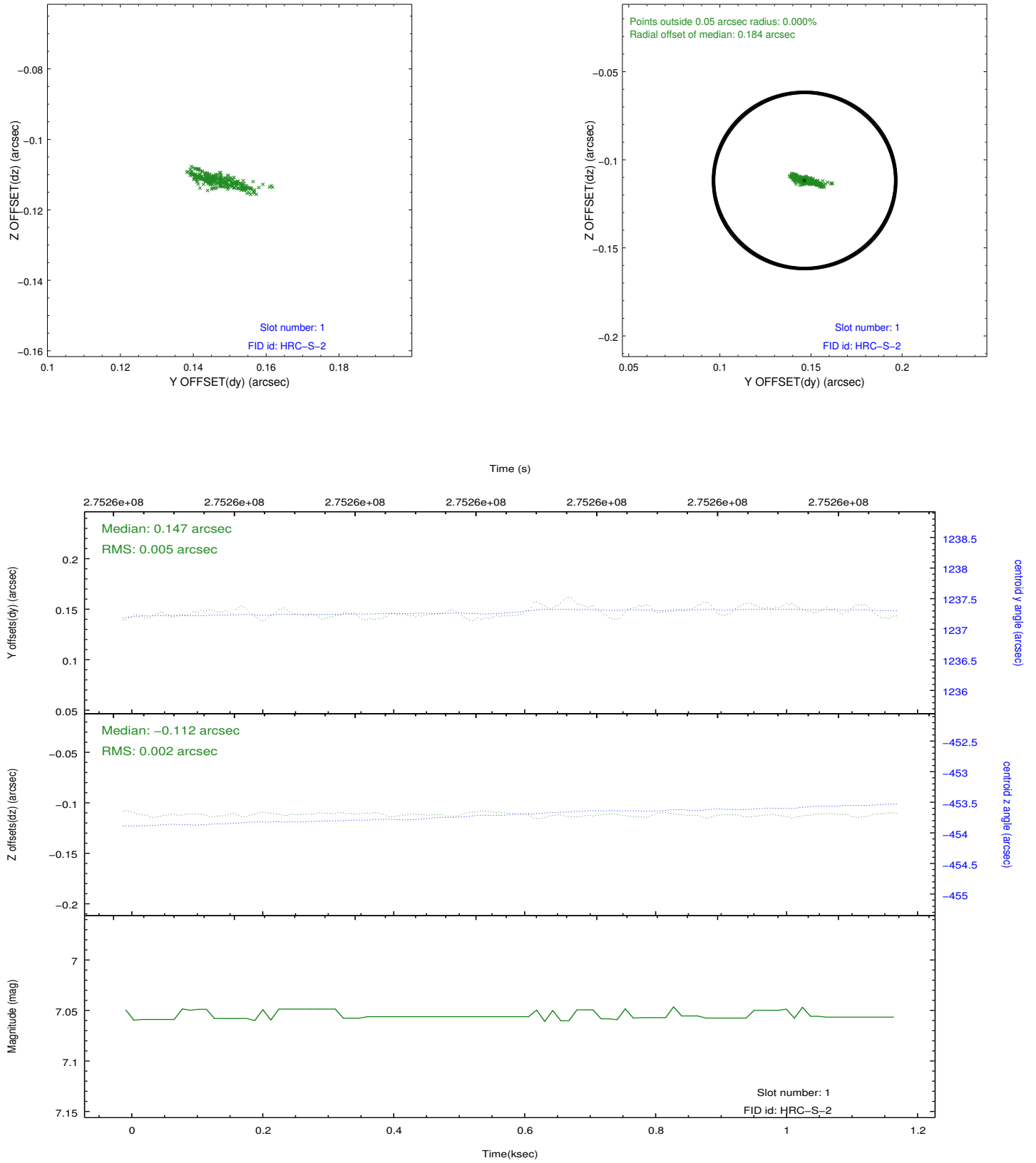


2.5 FID Slots

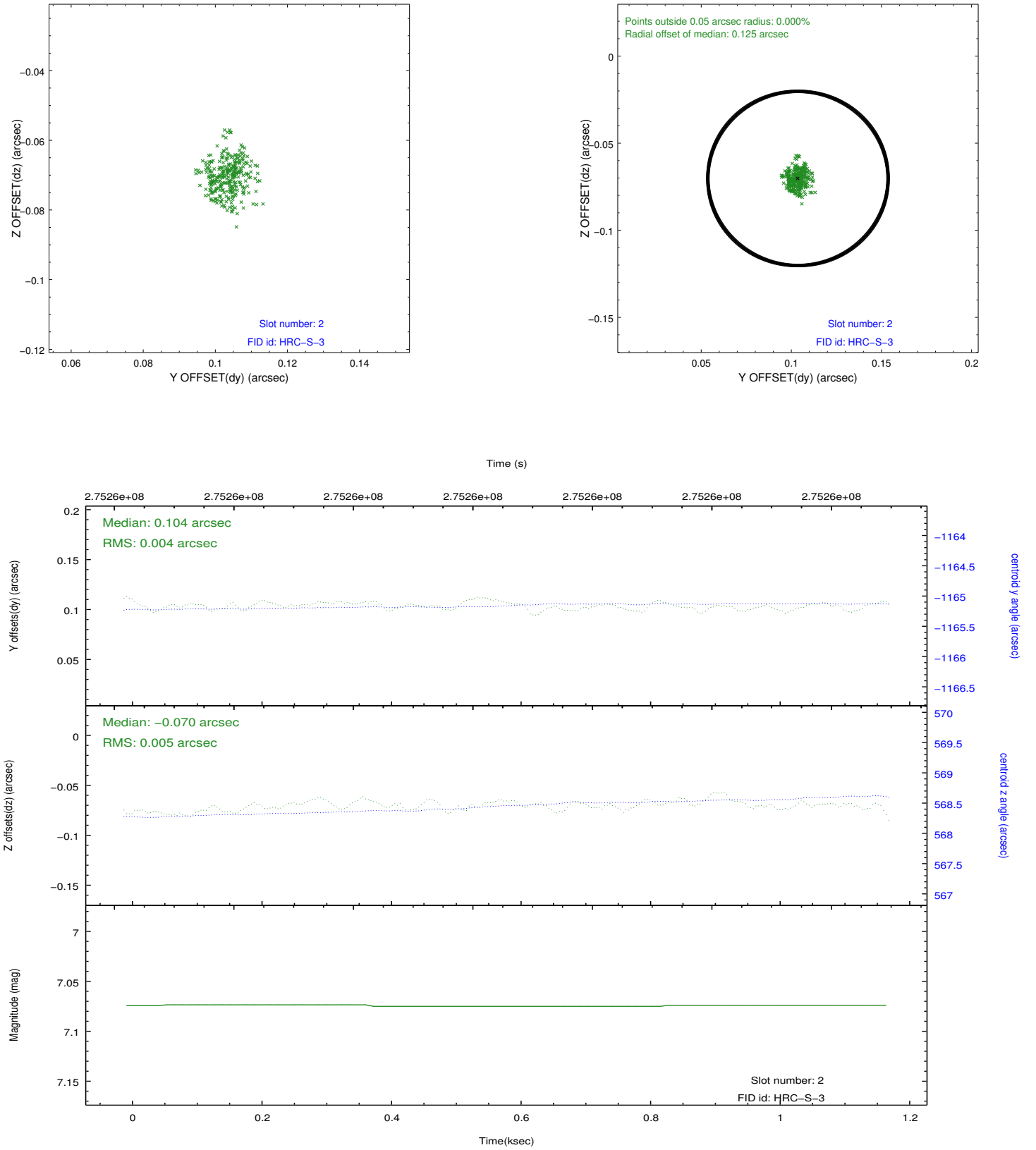
2.5.1 Slot 0



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)	2012.08.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1513313

A.2 Comments