

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6513 - L2 Version 3
Chandra X-Ray Center

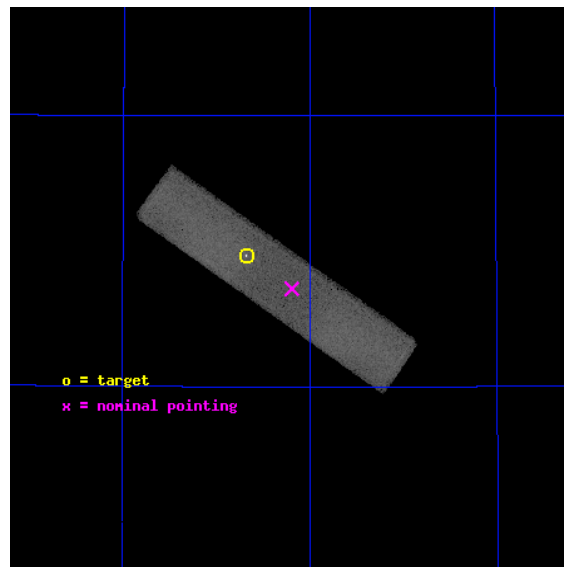
L2 Processing Date : Aug 11 2012

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1 Front

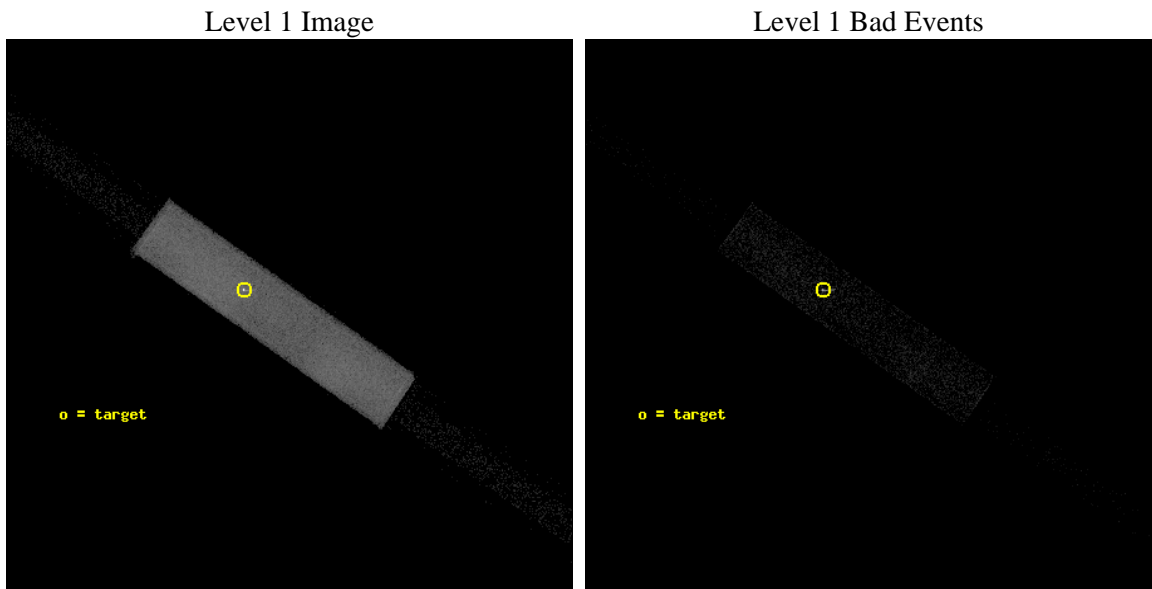
seq_num	290606	Sequence number
obs_id	6513	Observation id
title	AO7B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.04749586472	Nominal RA [deg]
dec_nom	45.68116892039	Nominal Dec [deg]
roll_nom	215.11592110647	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1151.3313041925	[s]
livetime	1135.5030644303	Ontime multiplied by DTCOR
l2events	112553	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	1151.3313041925	[s]
caldsver	4.5.1.1	 	l1events	162812	Number of level 1 events
date	2012-08-11T14:02:08	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

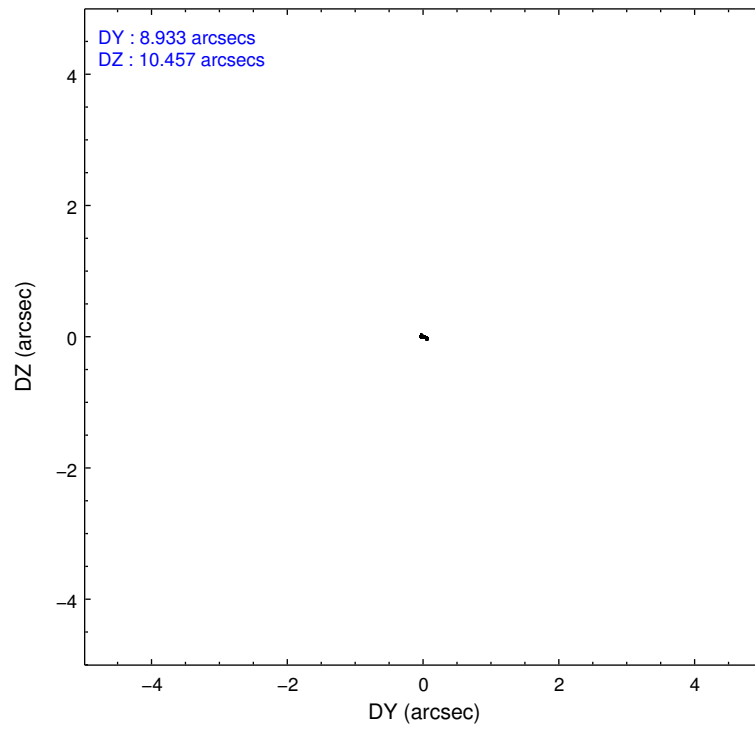
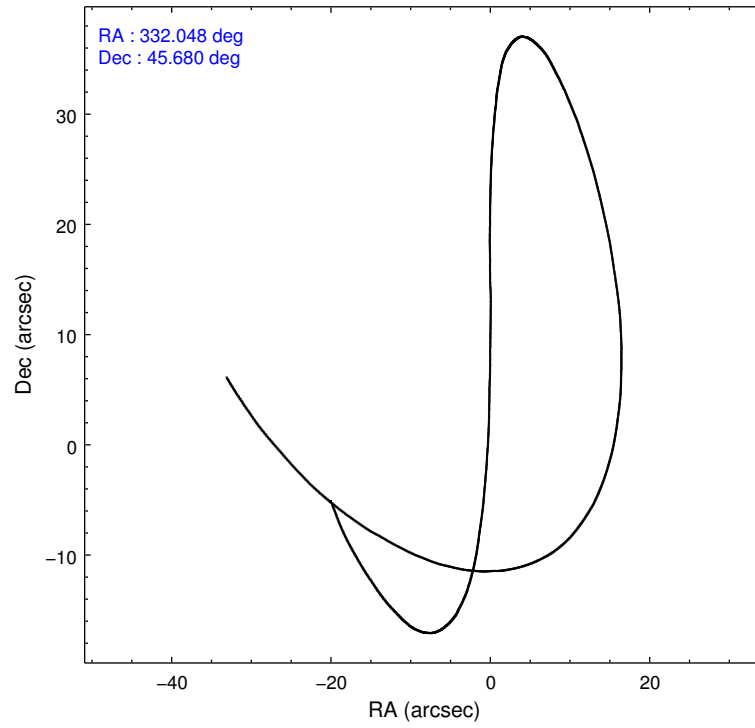
	segment 1	segment 2	segment 3
level 1 events	1483	159957	1372
rejected events	1483	33581	1372
rejected %	100%	20%	100%

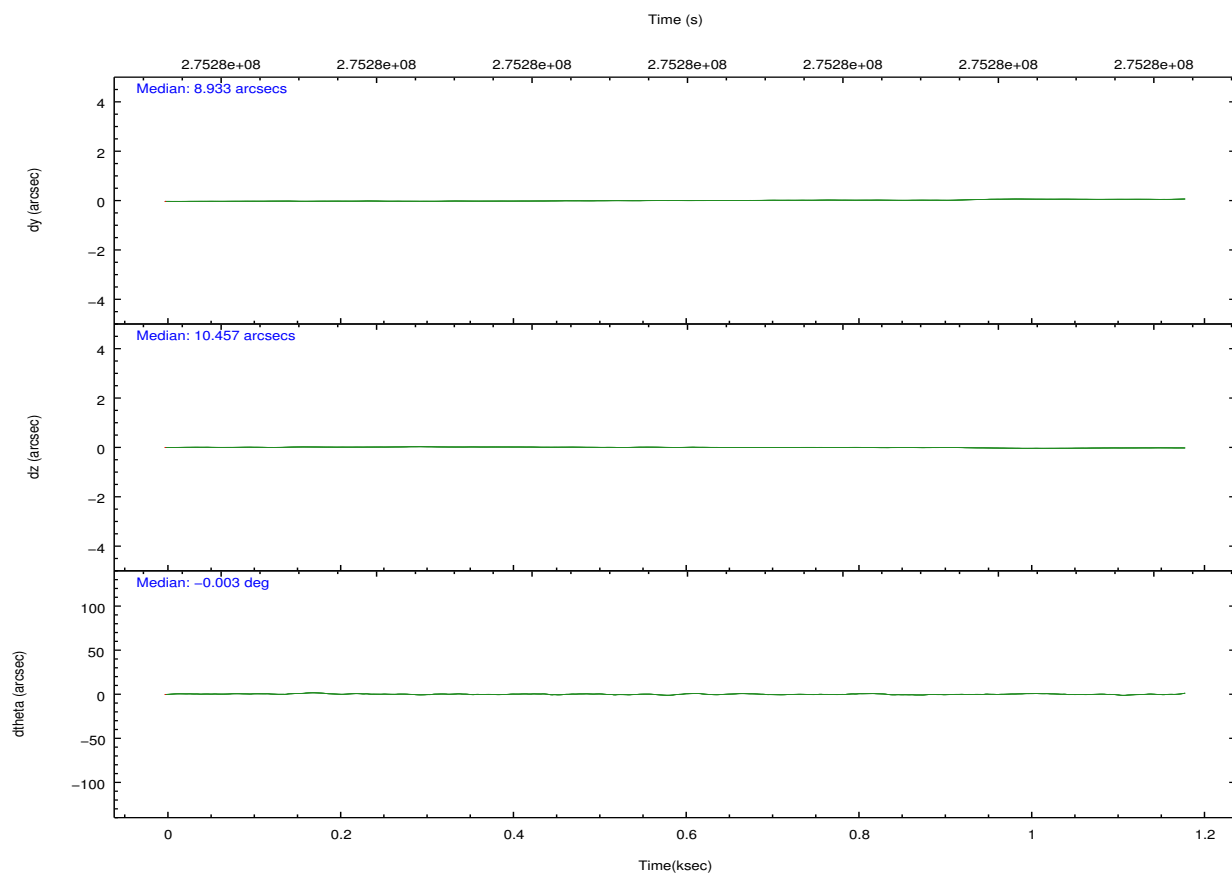
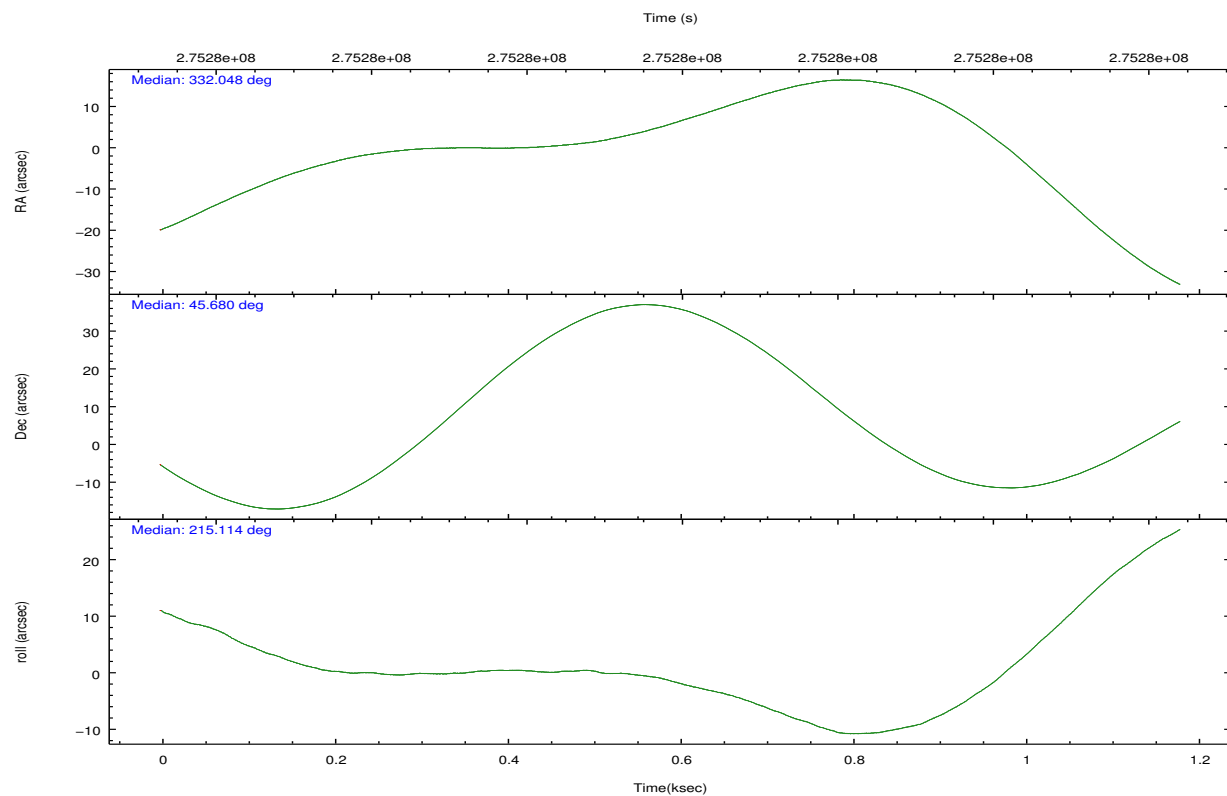
2.2 Compared Parameters

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	332.062477	332.0474958647176
[deg] Pointing Dec	45.708872	45.68116892039013
[deg] Pointing Roll	215.037870	215.1159211064675
[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)	275277970.184000	275277594.45591
Observation start date	2006-09-22T02:05:05	2006-09-22T01:59:54
[s] Observation end time (MET)	275278970.184000	275279104.28098
Observation end date	2006-09-22T02:21:45	2006-09-22T02:25:04

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

2.3 Aspect



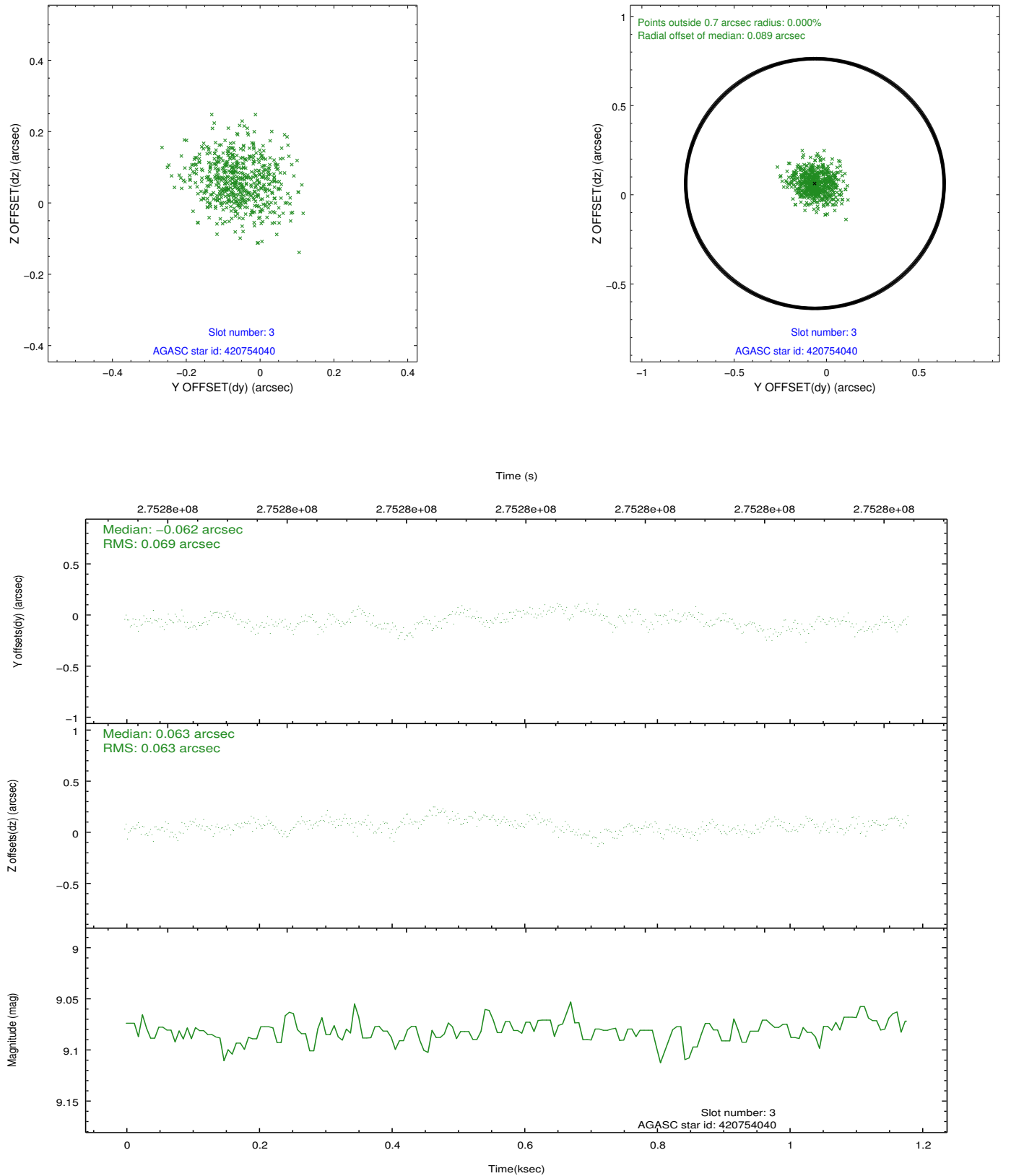


Slot Statistics

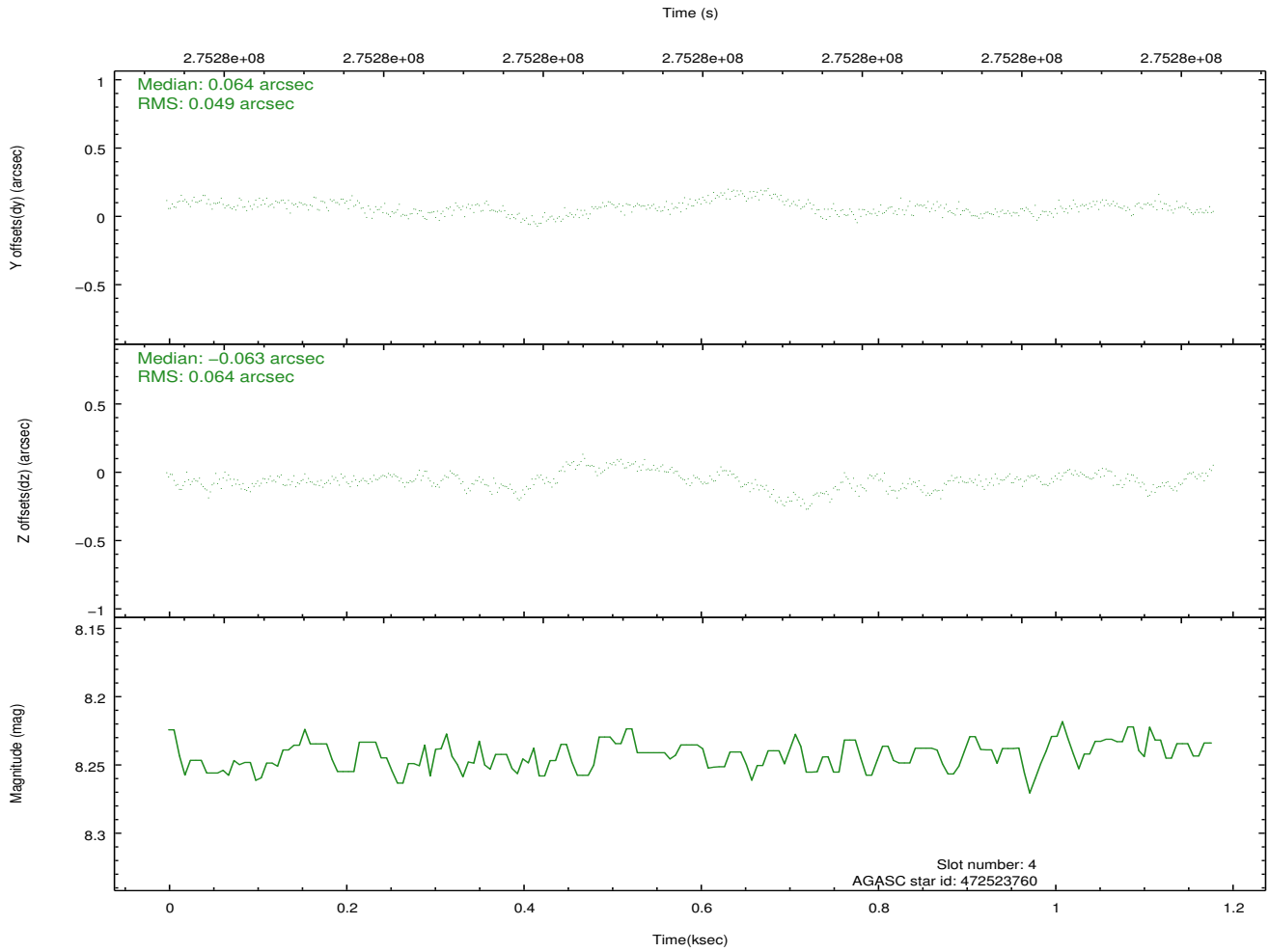
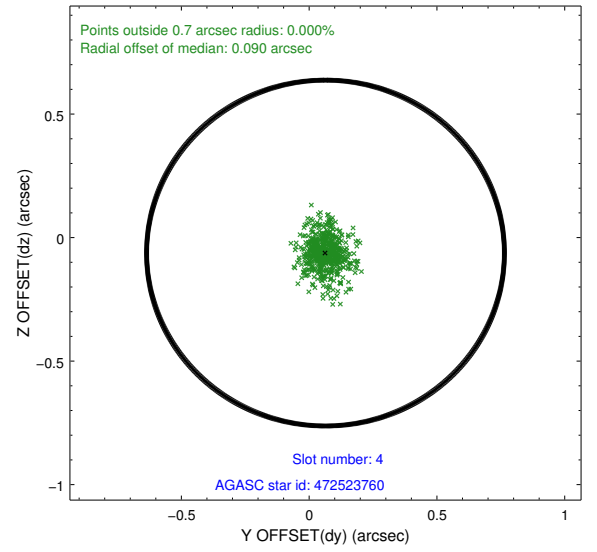
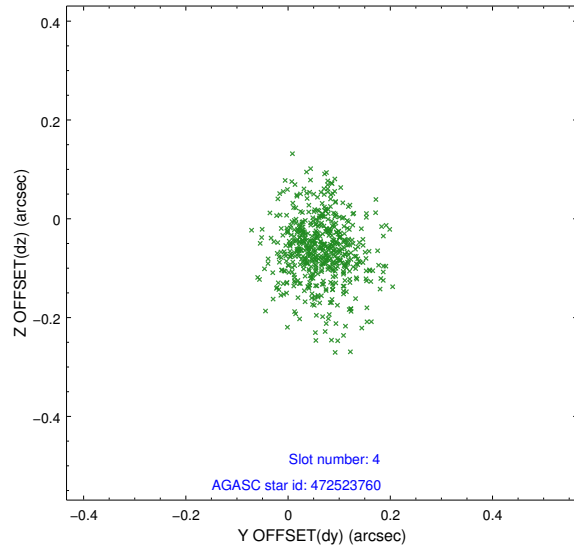
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.06	289	0.146	-0.201	0.007	0.011	0.000000	0.000000	-1163.11	-459.19
1	FID	HRC-S-2	7.05	289	0.154	-0.118	0.004	0.008	0.000000	0.000000	1232.53	-453.35
2	FID	HRC-S-3	7.07	289	0.088	0.018	0.007	0.010	0.000000	0.000000	-1161.62	568.98
3	GUIDE	420754040	9.08	577	-0.062	0.063	0.100	0.166	331.917939	44.882543	2007.42	2220.30
4	GUIDE	472523760	8.24	577	0.064	-0.063	0.081	0.143	331.645363	45.403260	1495.58	293.26
5	GUIDE	472655152	9.43	577	0.003	-0.173	0.151	0.358	332.504239	45.862991	-1225.81	175.57
6	GUIDE	472533912	9.16	577	0.015	0.008	0.141	0.228	331.791136	46.368695	-815.92	-2336.36
7	GUIDE	472659832	9.47	575	-0.023	0.180	0.097	0.167	332.780399	46.098139	-2279.31	-132.89

2.4 Star Slots

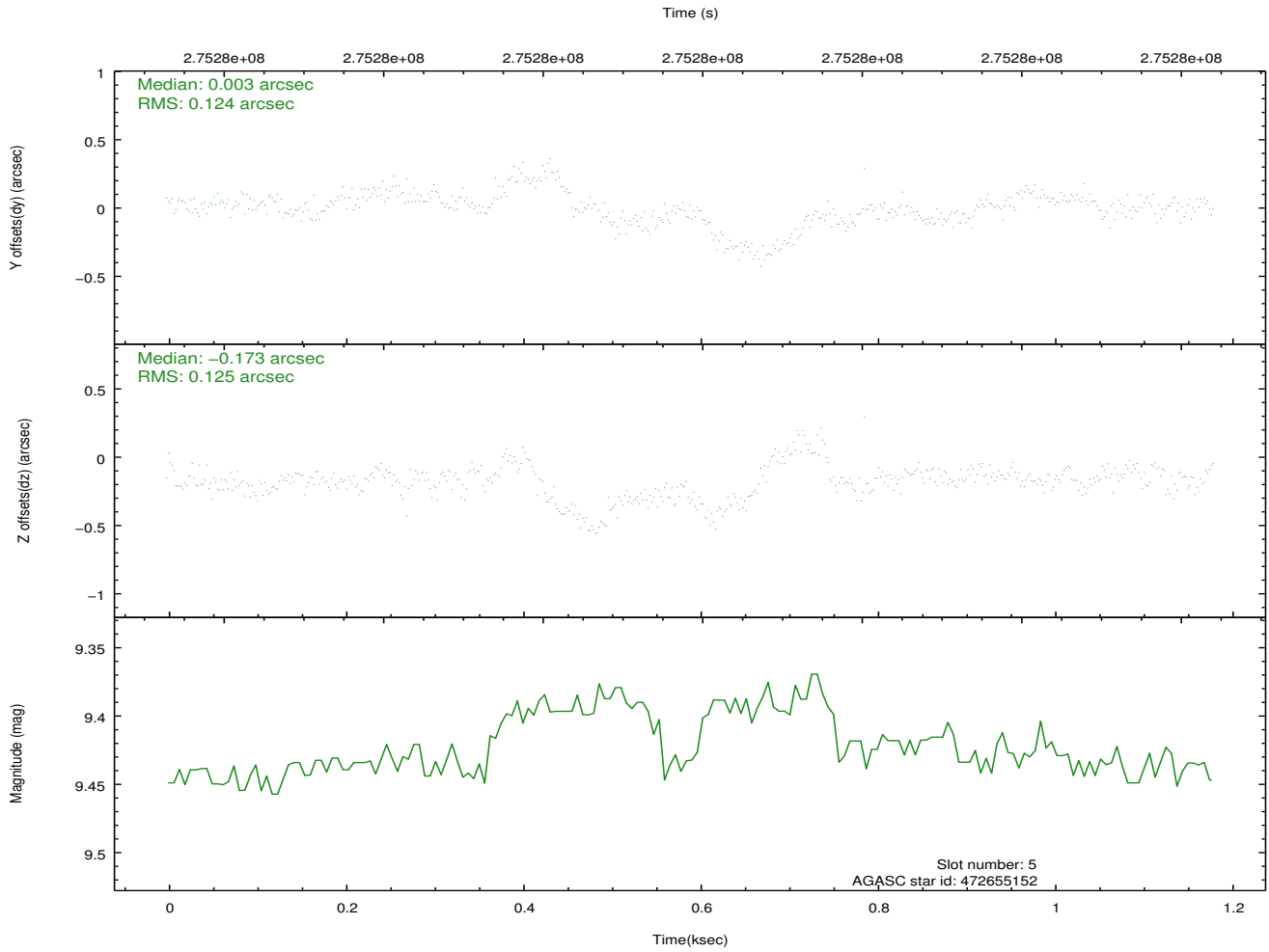
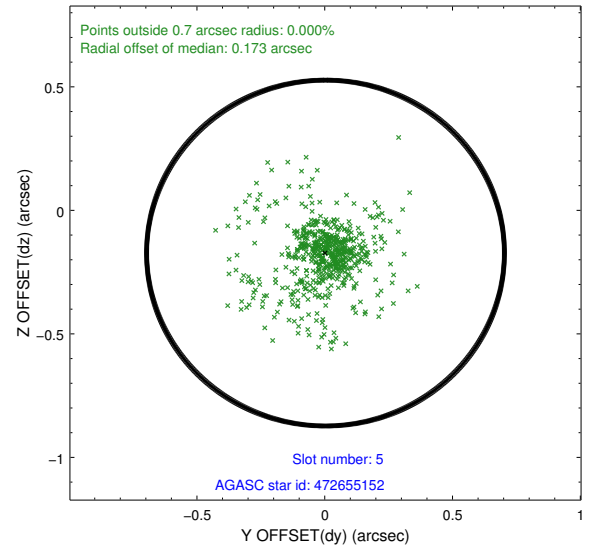
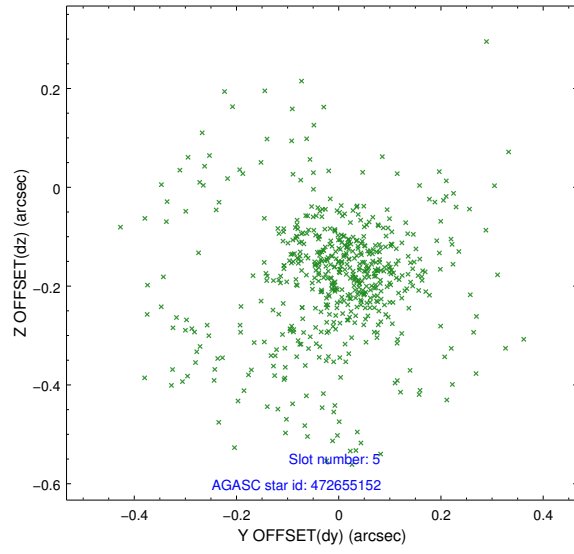
2.4.1 Slot 3



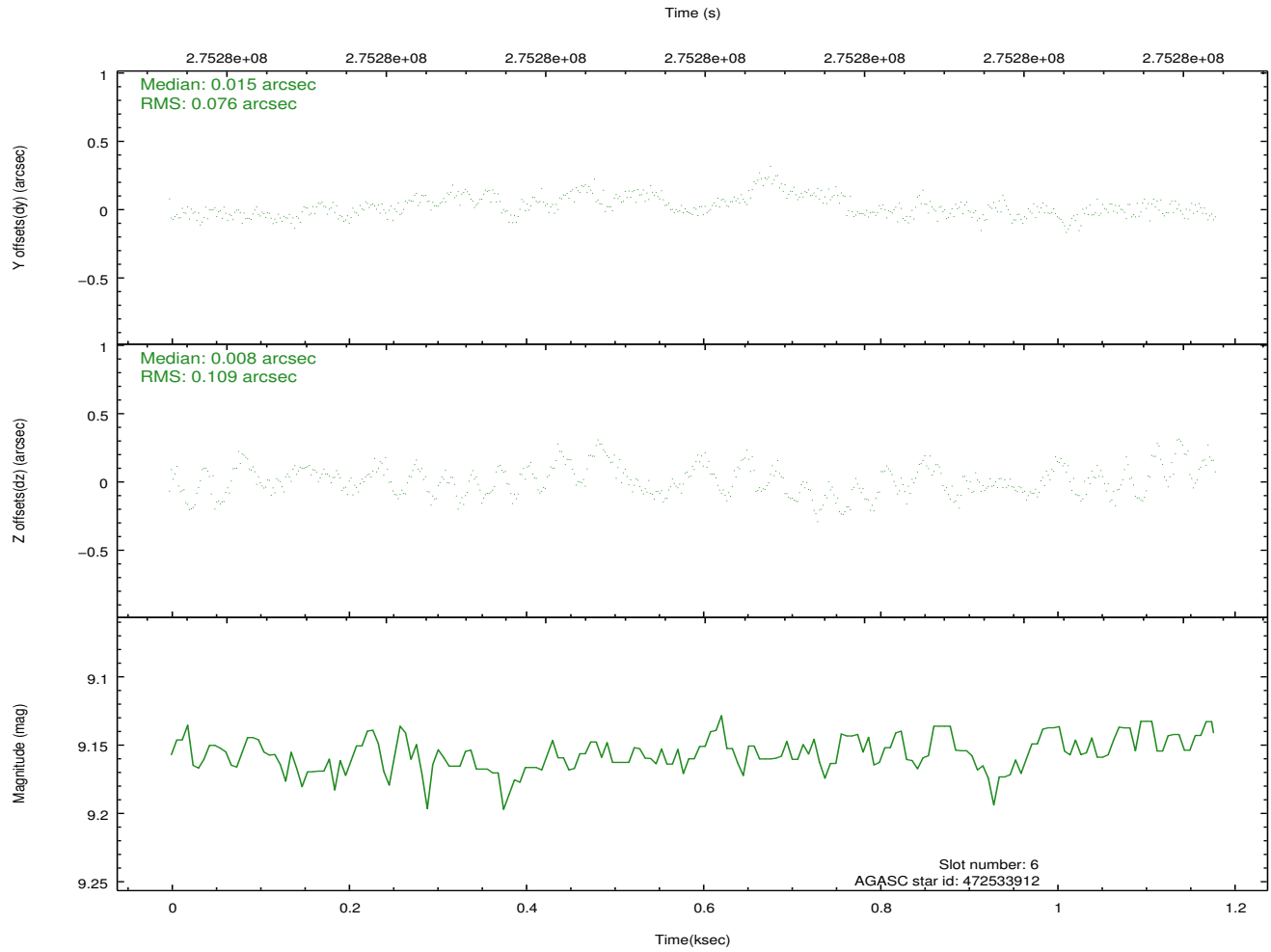
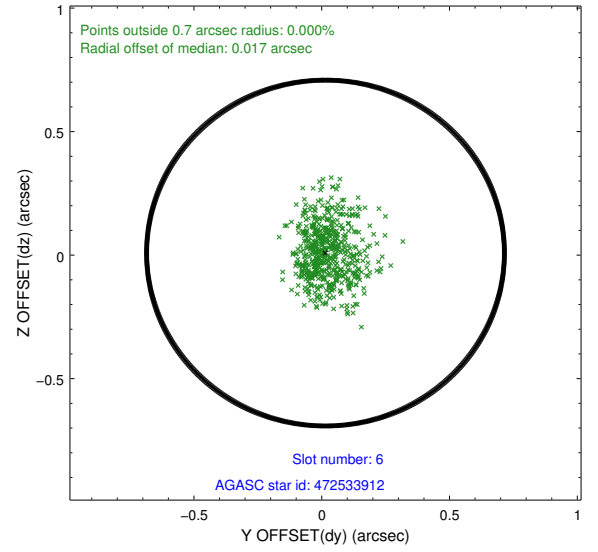
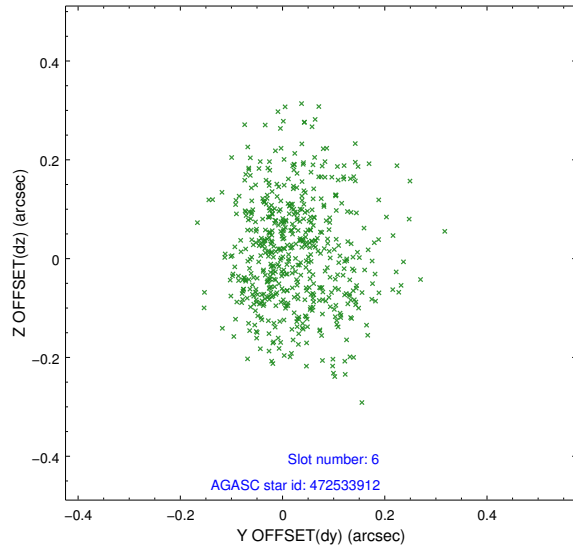
2.4.2 Slot 4



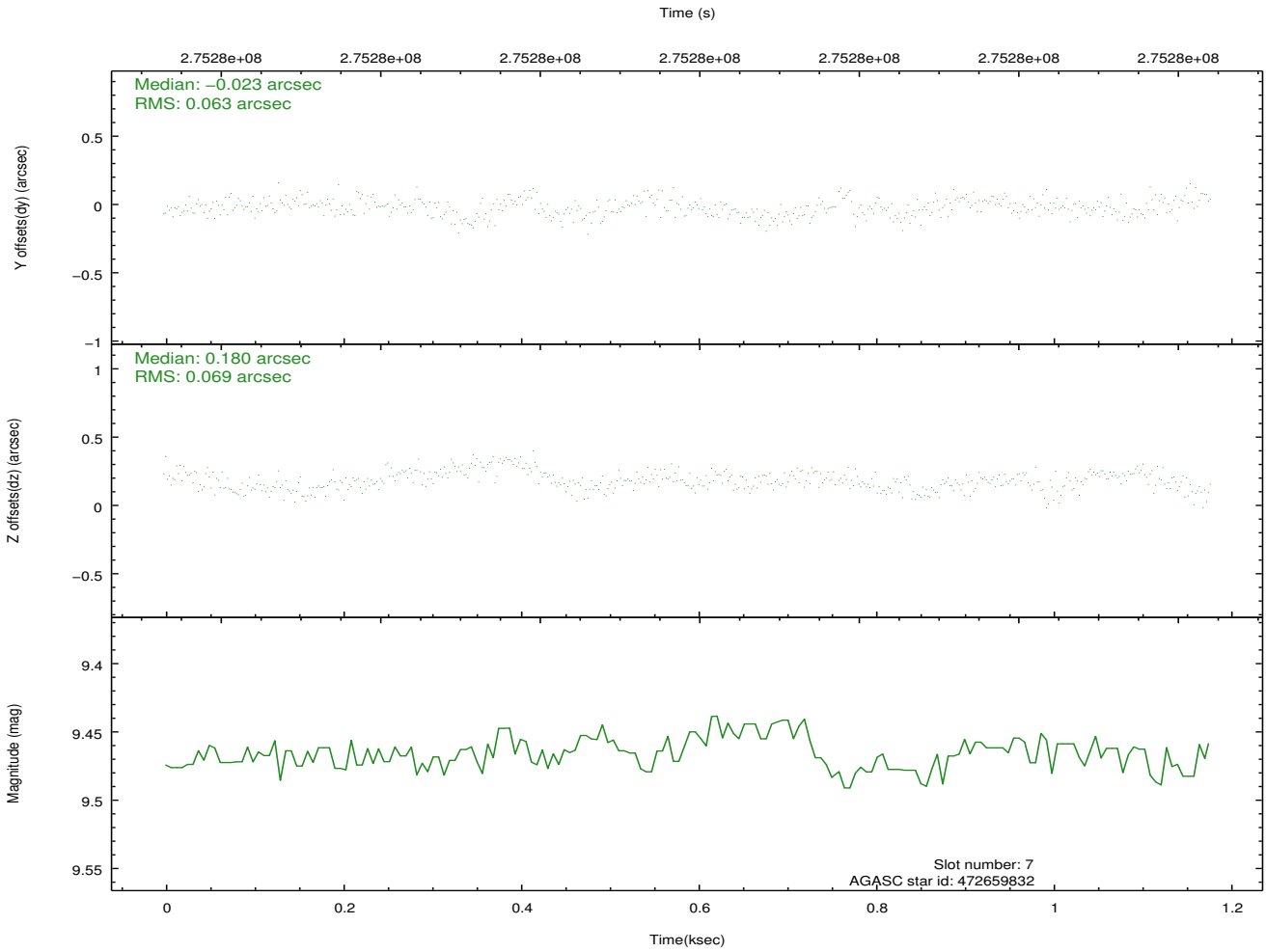
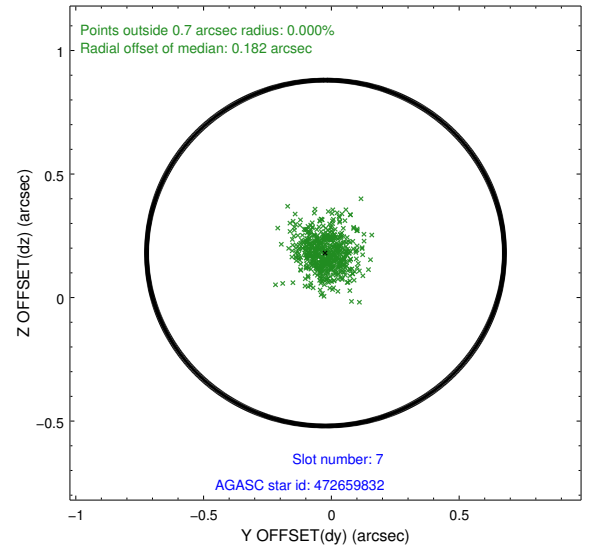
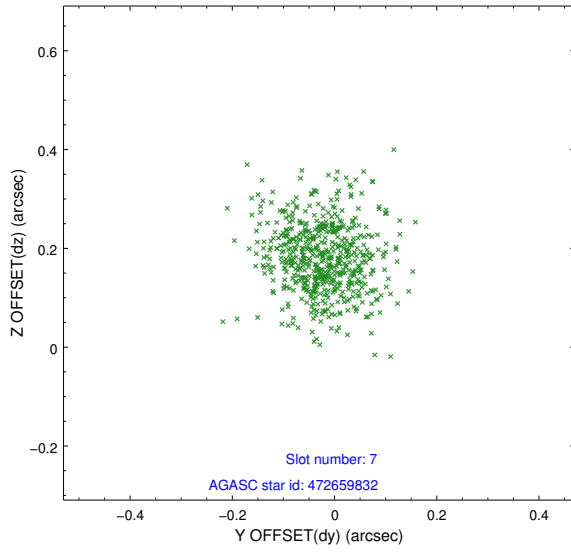
2.4.3 Slot 5



2.4.4 Slot 6

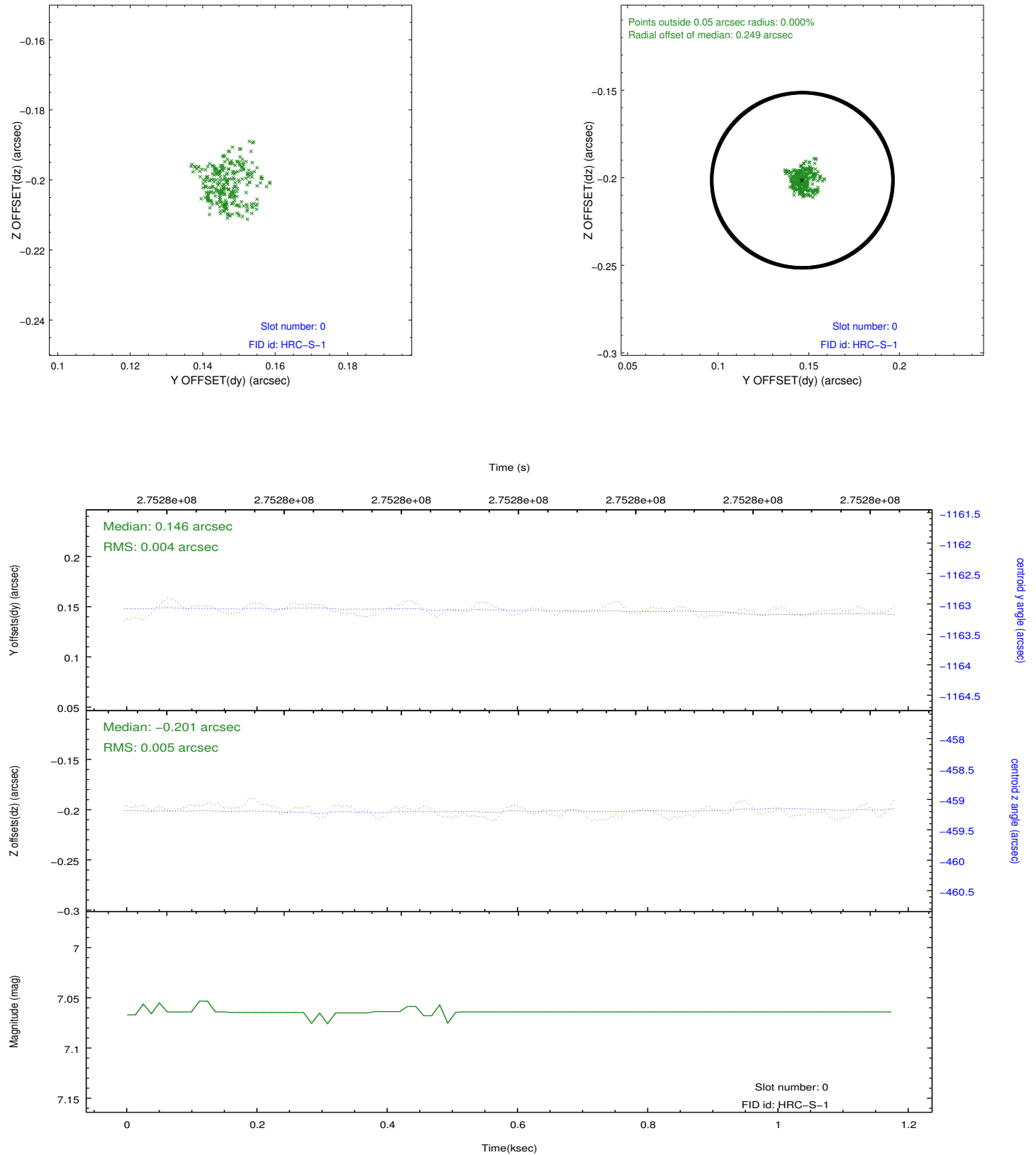


2.4.5 Slot 7

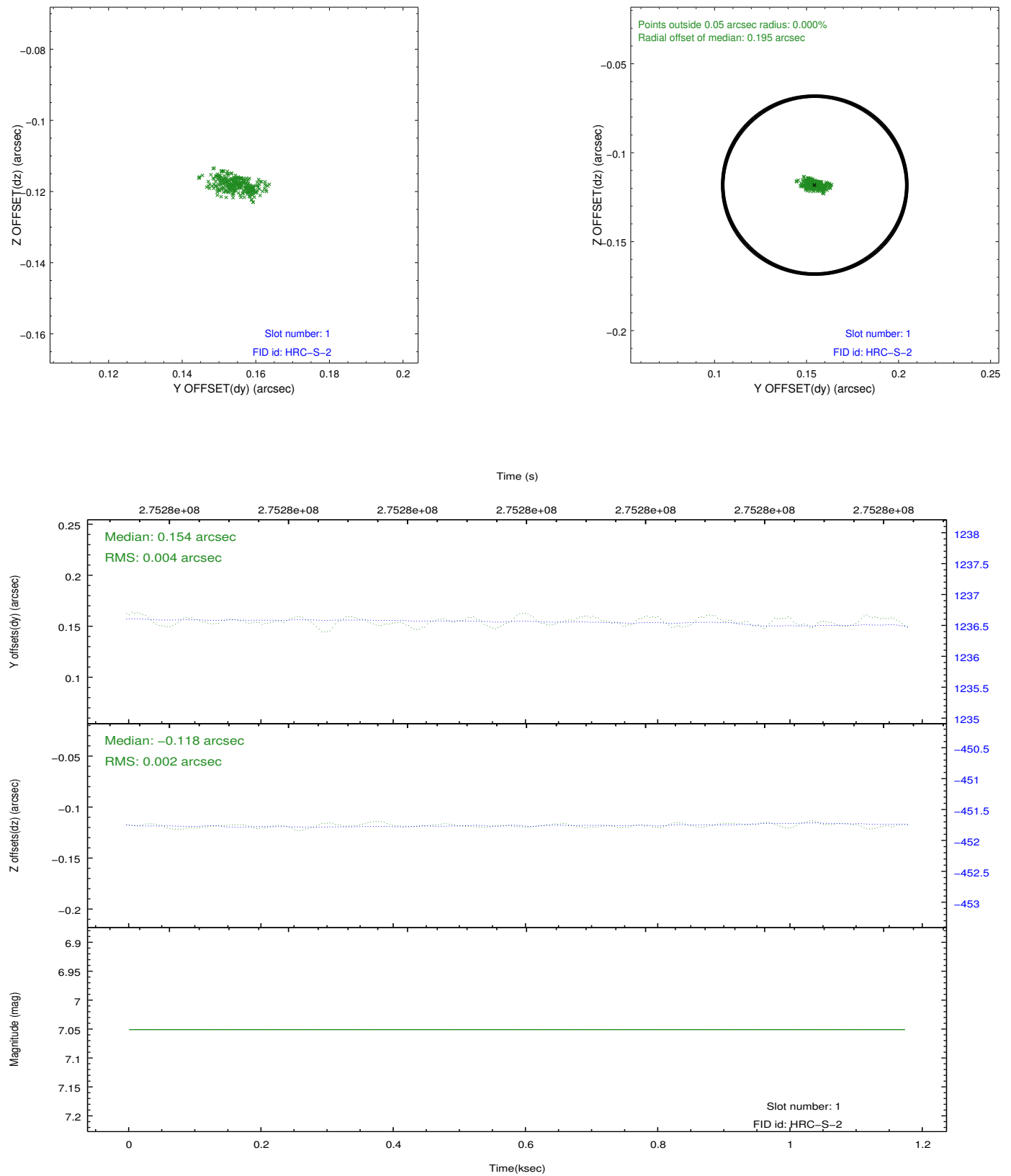


2.5 FID Slots

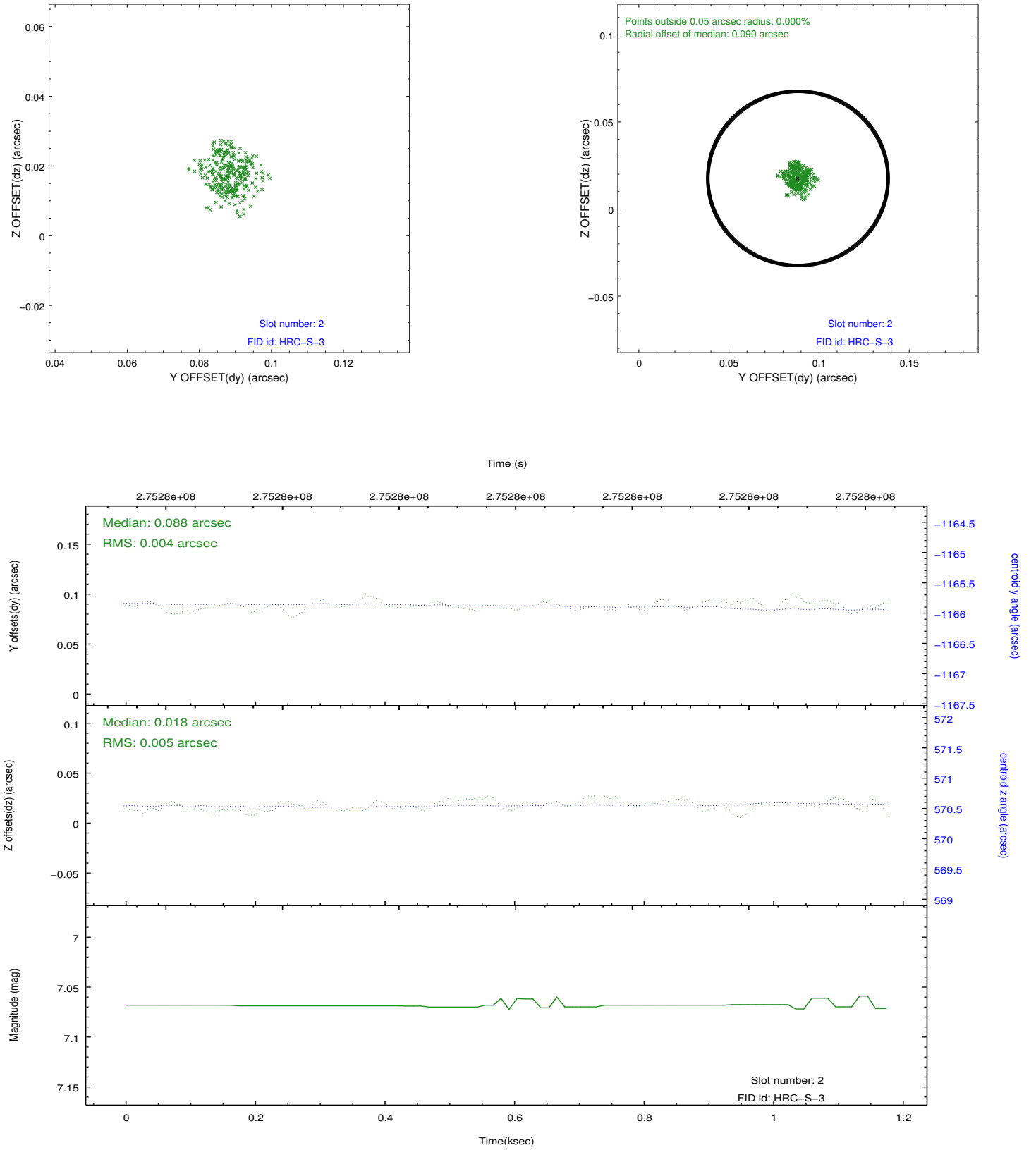
2.5.1 Slot 0



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