

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11917 - L2 Version 2
Chandra X-Ray Center

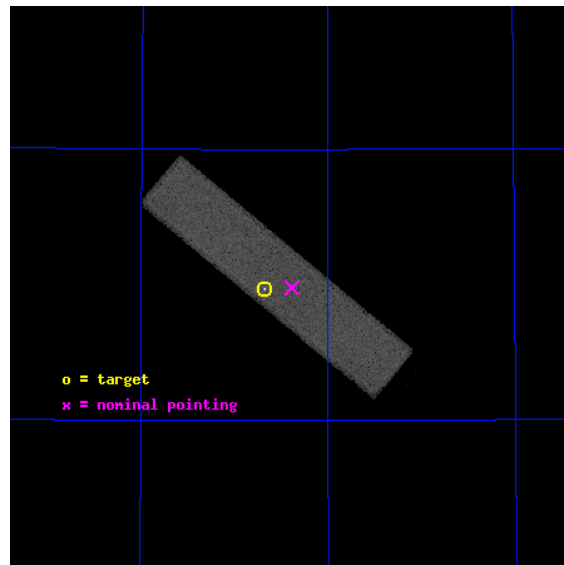
L2 Processing Date : Jul 3 2012

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1 Front

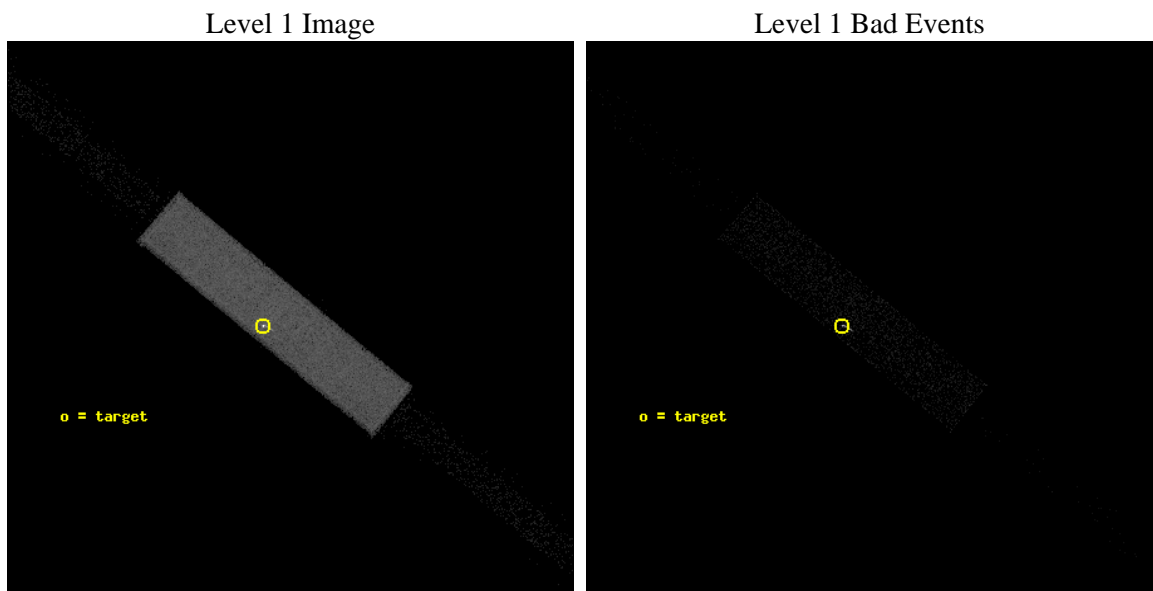
seq_num	290906	Sequence number
obs_id	11917	Observation id
title	AO-11 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.09679040591	Nominal RA [deg]
dec_nom	45.744839374113	Nominal Dec [deg]
roll_nom	219.42537947454	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1155.4313091636	[s]
livetime	1144.0003029537	Ontime multiplied by DTCOR
l2events	88125	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	1155.4313091636	[s]
caldbver	4.5.0	 	l1events	127975	Number of level 1 events
date	2012-07-03T23:52:00	Date and time of file creation			
revision	2	Processing version of data			

2.1.3 Events

Level 1 Events

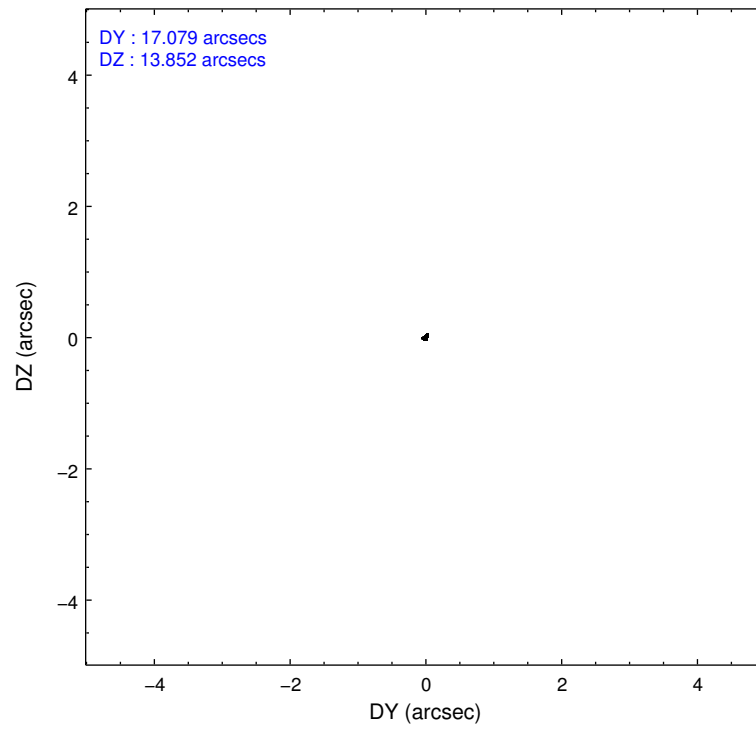
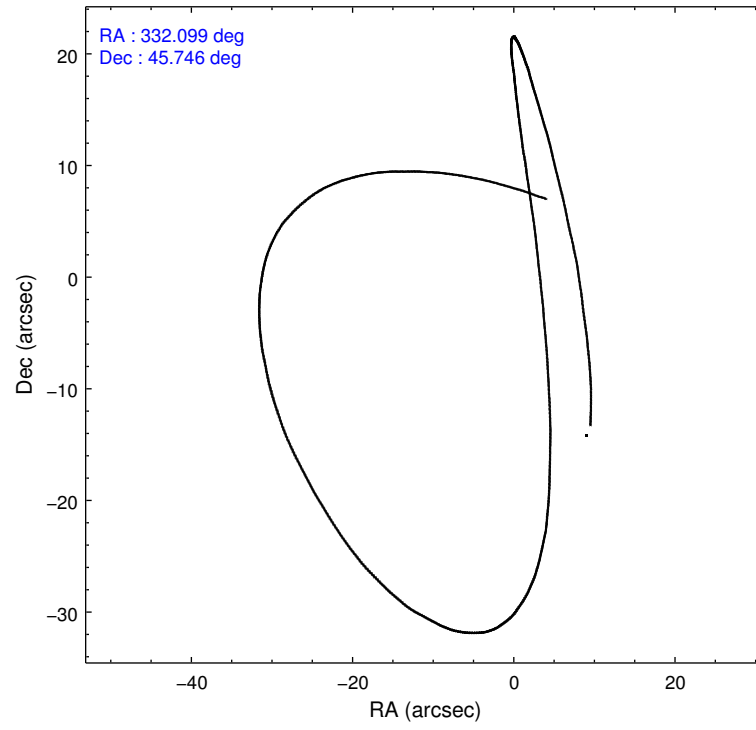
	segment 1	segment 2	segment 3
level 1 events	1030	126001	944
rejected events	1030	25162	936
rejected %	100%	19%	99%

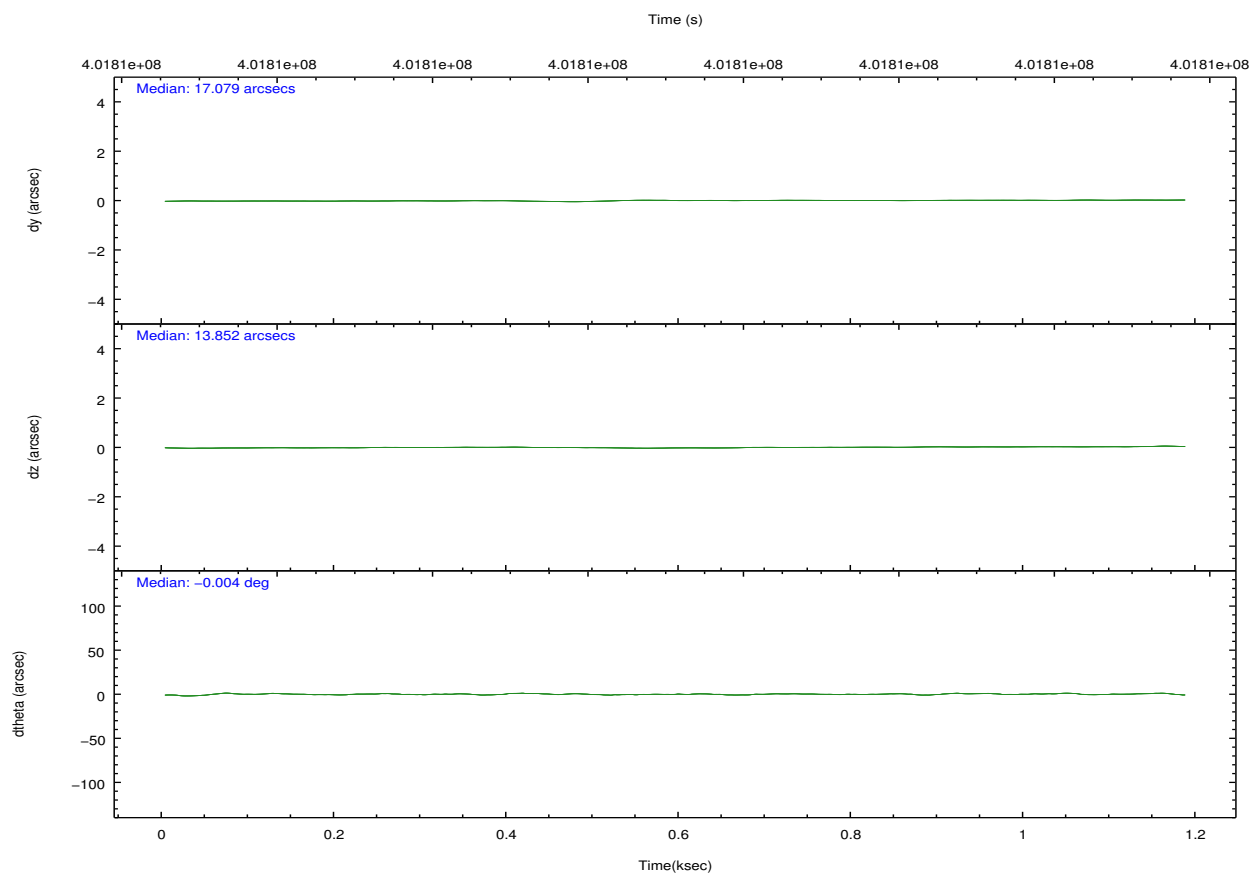
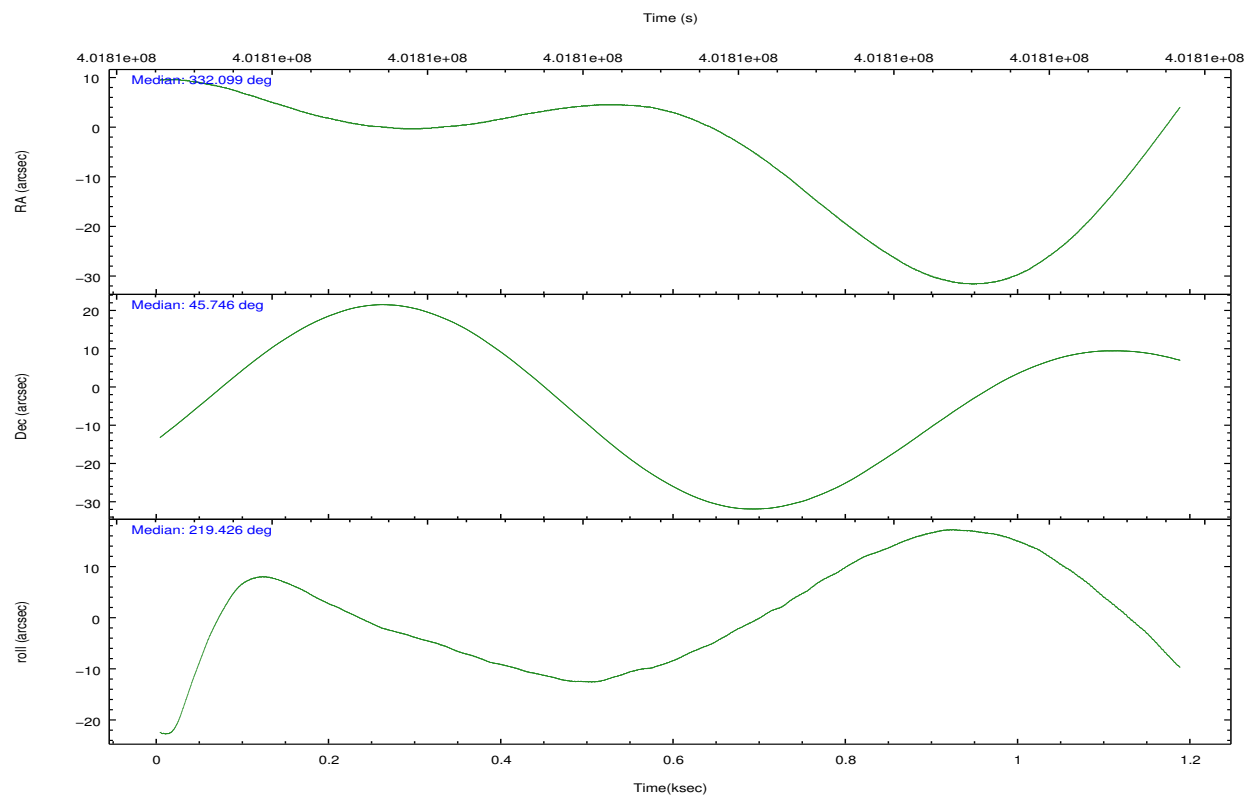
2.2 Compared Parameters

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	332.109967	332.0967904059139
[deg] Pointing Dec	45.771334	45.74483937411312
[deg] Pointing Roll	219.348638	219.4253794745394
[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)	401811709.184000	401811333.56412
Observation start date	2010-09-25T14:20:43	2010-09-25T14:15:33
[s] Observation end time (MET)	401812709.184000	401812843.3892
Observation end date	2010-09-25T14:37:23	2010-09-25T14:40:43

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

2.3 Aspect



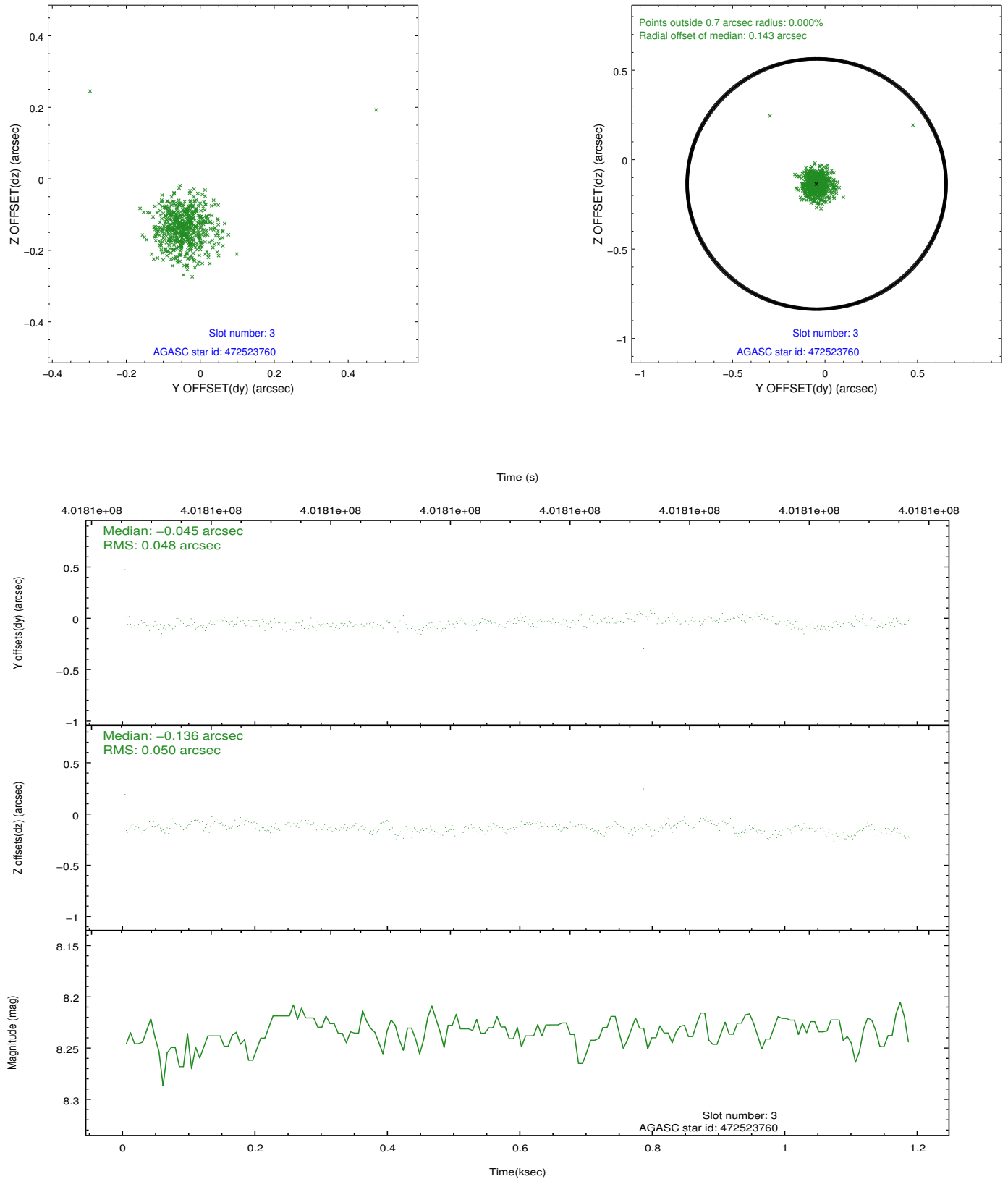


Slot Statistics

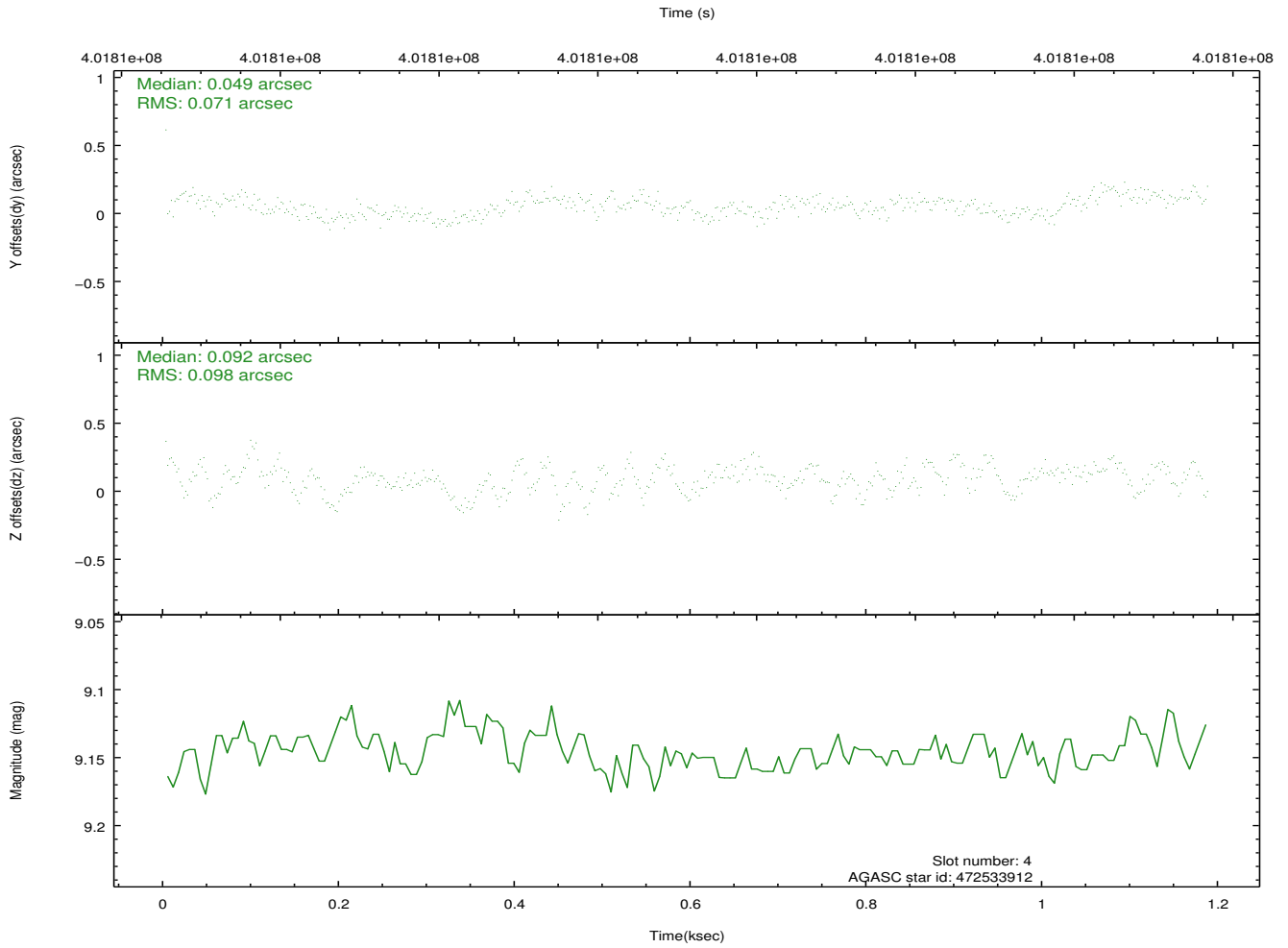
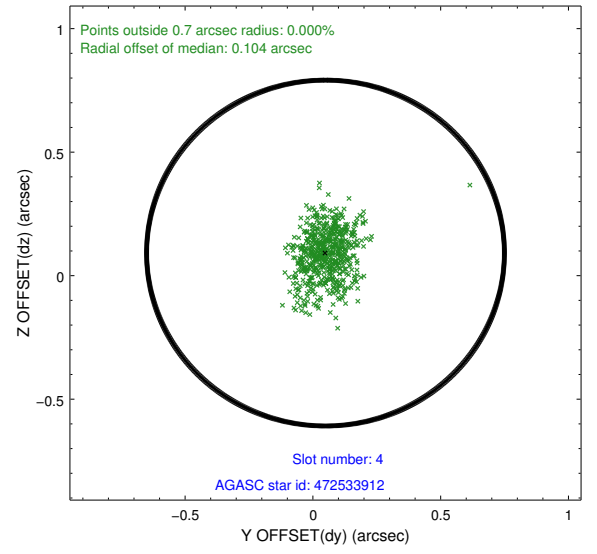
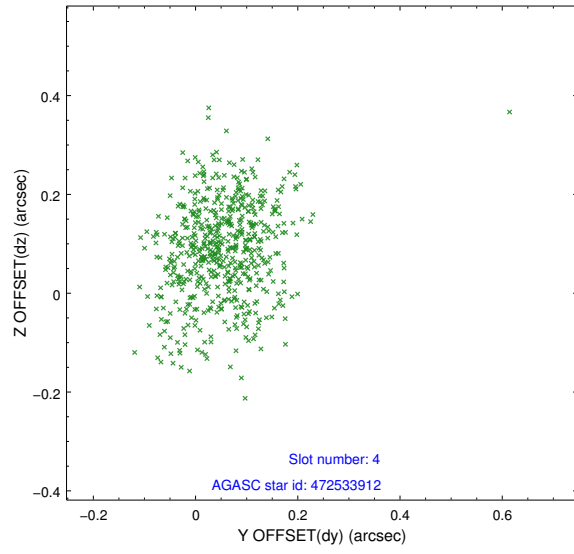
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.99	289	0.042	-0.175	0.007	0.010	0.000000	0.000000	-1171.56	-462.70
1	FID	HRC-S-2	6.97	289	0.280	-0.127	0.004	0.007	0.000000	0.000000	1224.28	-456.88
2	FID	HRC-S-3	7.01	289	0.067	-0.000	0.006	0.009	0.000000	0.000000	-1170.03	565.41
3	GUIDE	472523760	8.24	579	-0.045	-0.136	0.067	0.109	331.645363	45.403260	1747.19	280.90
4	GUIDE	472533912	9.15	579	0.049	0.092	0.125	0.209	331.791136	46.368695	-748.03	-2162.20
5	GUIDE	472655152	9.42	579	-0.047	-0.167	0.115	0.185	332.504239	45.862991	-975.42	369.50
6	GUIDE	472665256	9.02	579	0.110	0.144	0.074	0.128	332.808125	46.195041	-2317.89	-77.95
7	GUIDE	420754040	9.06	578	-0.067	0.078	0.093	0.149	331.917939	44.882543	2402.95	2167.33

2.4 Star Slots

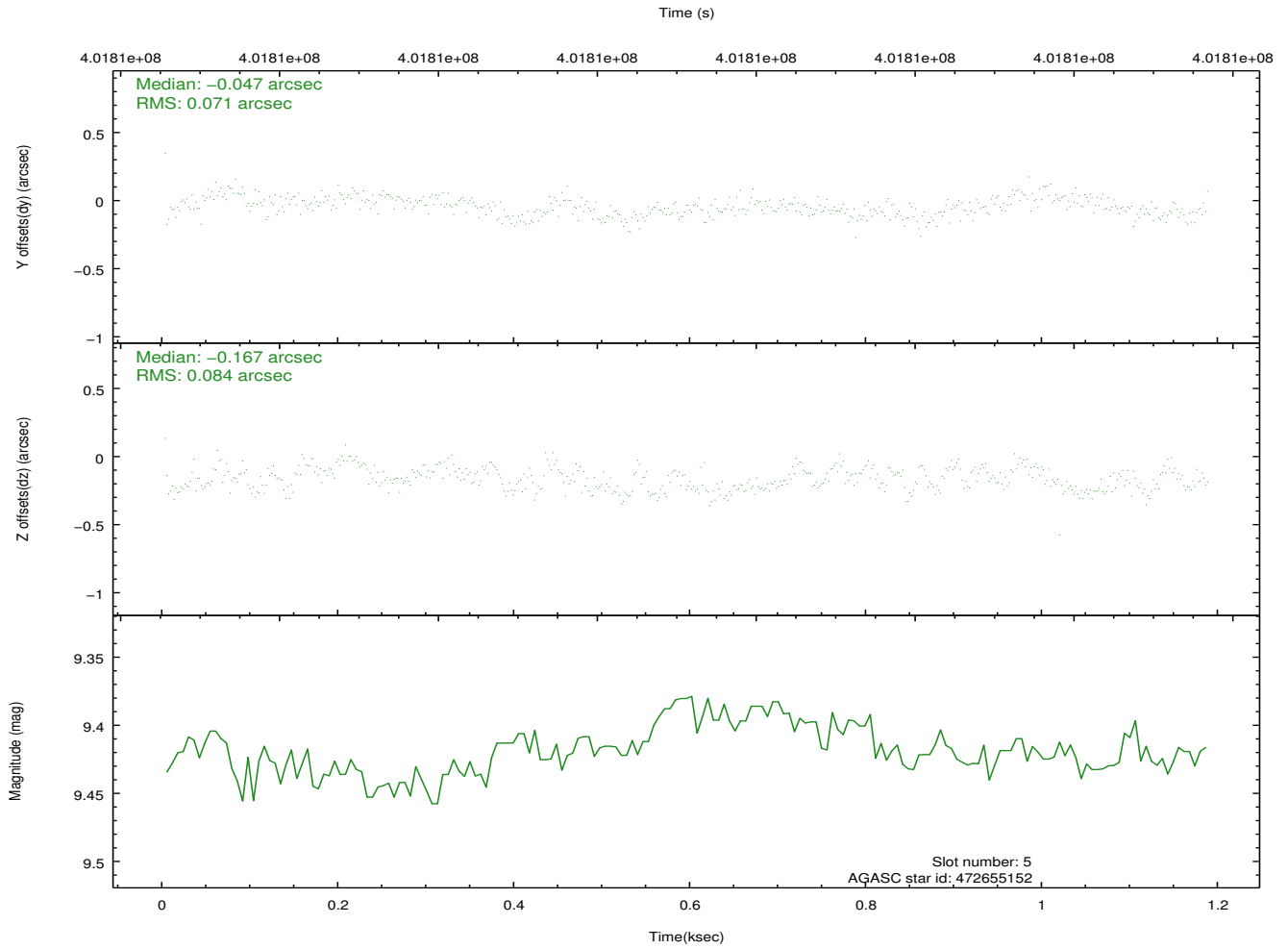
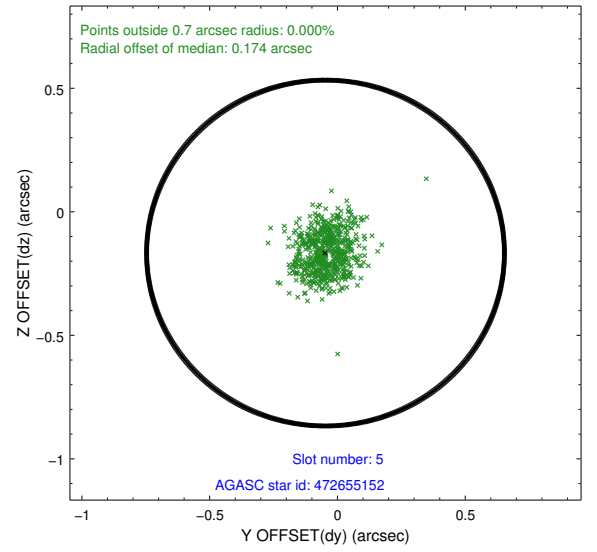
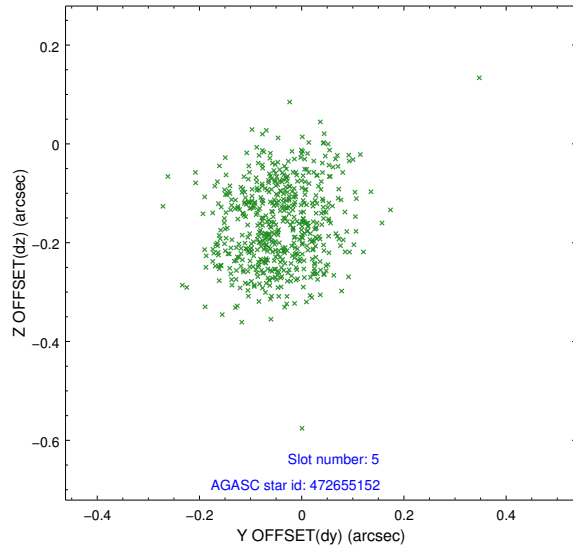
2.4.1 Slot 3



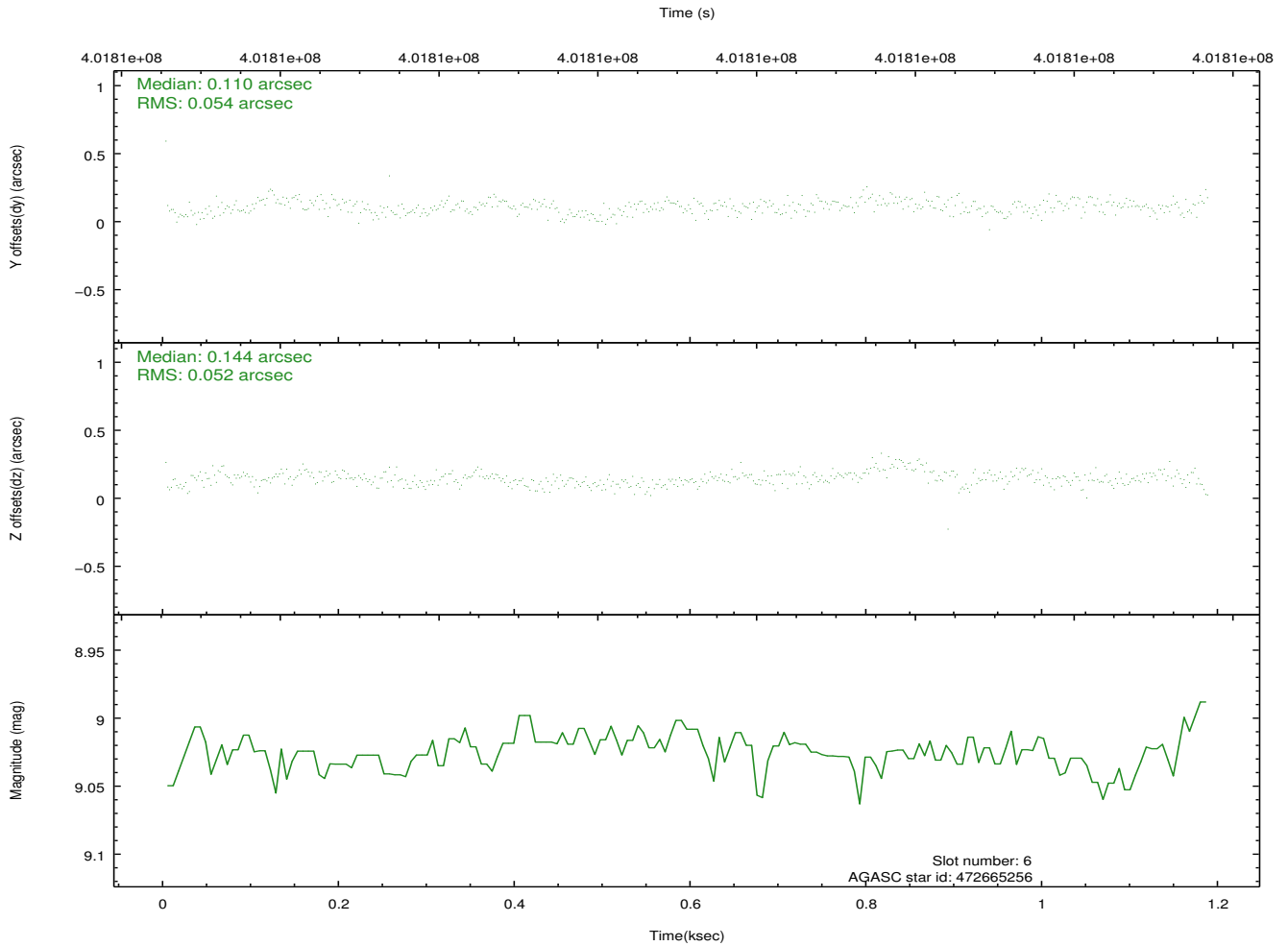
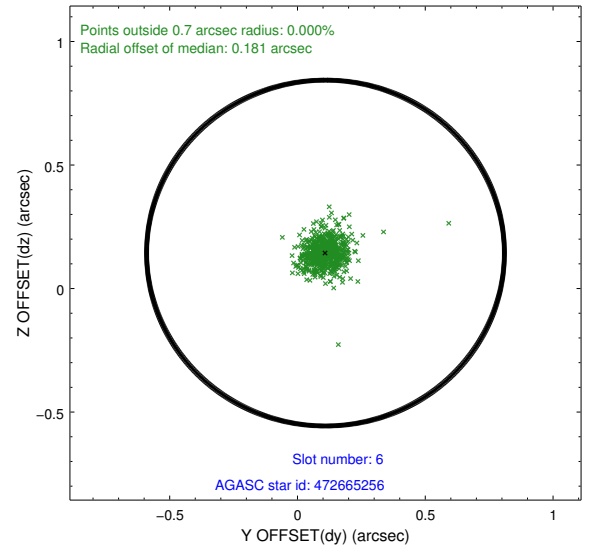
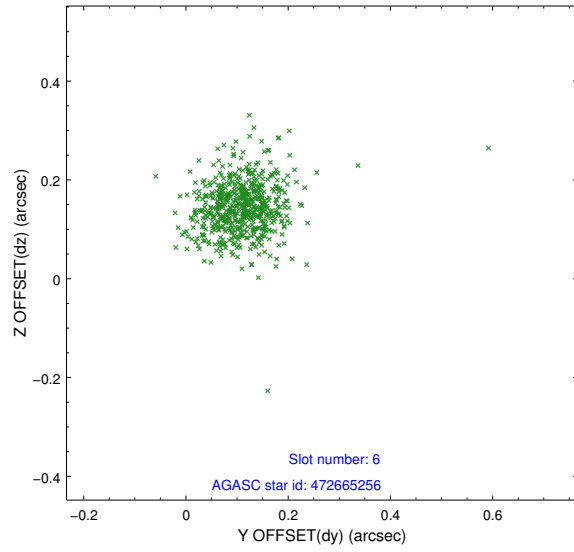
2.4.2 Slot 4



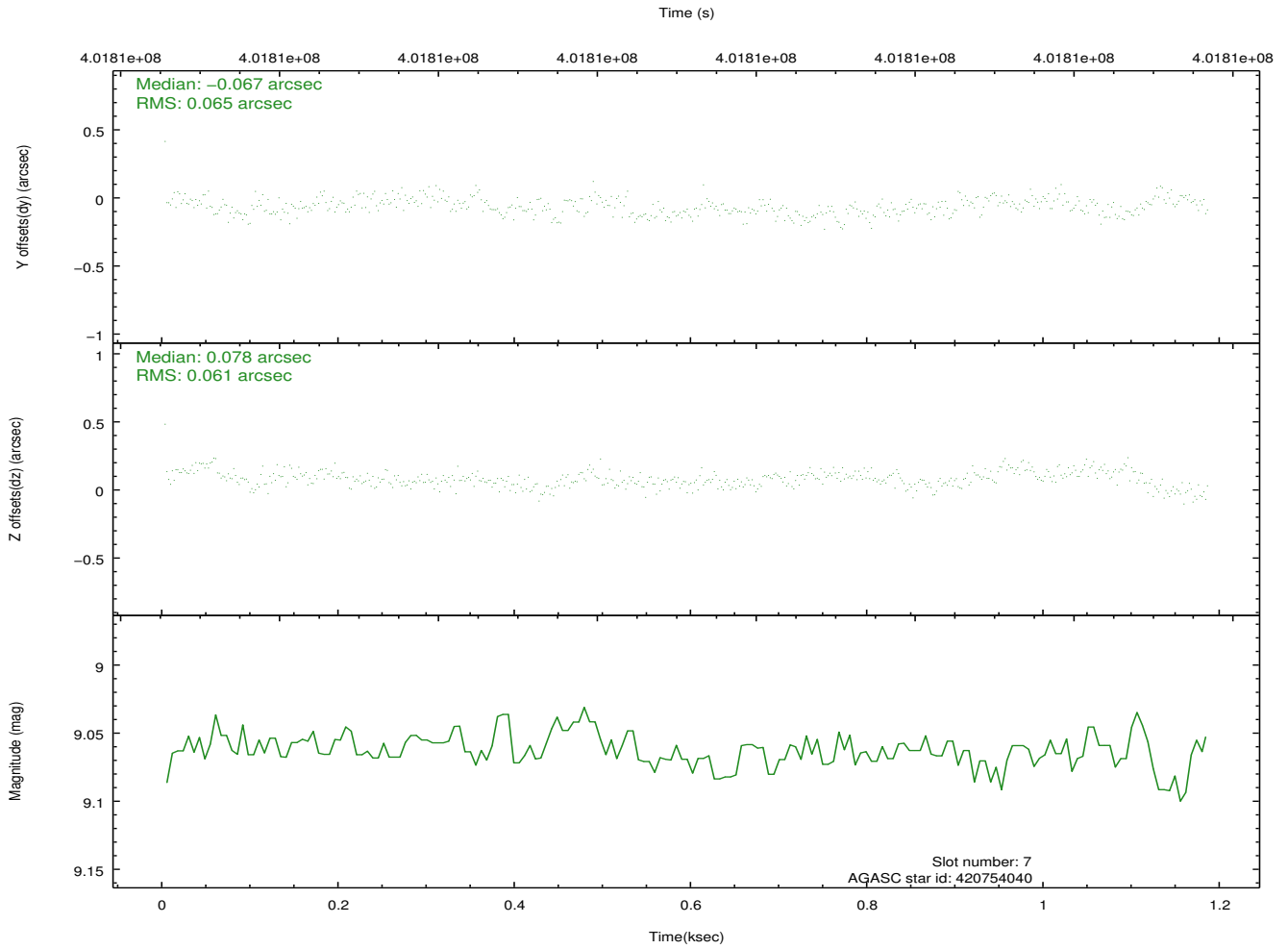
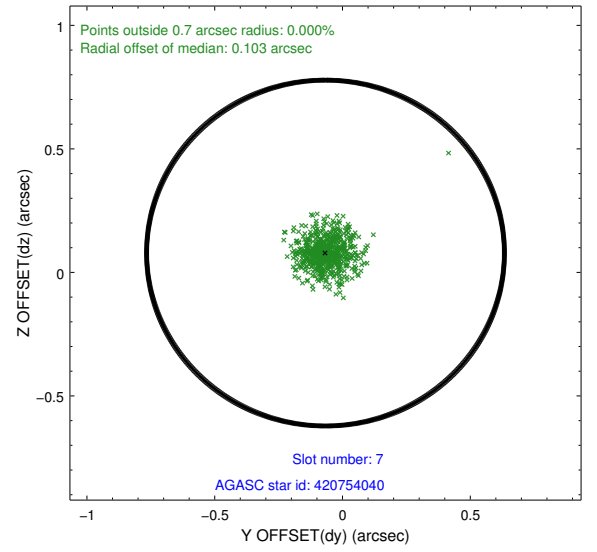
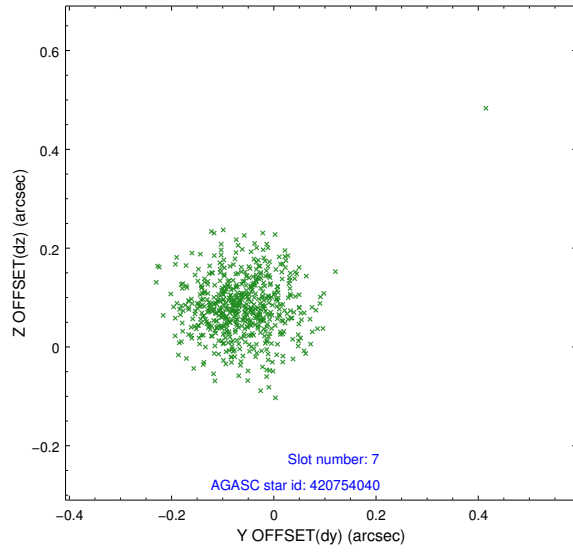
2.4.3 Slot 5



2.4.4 Slot 6

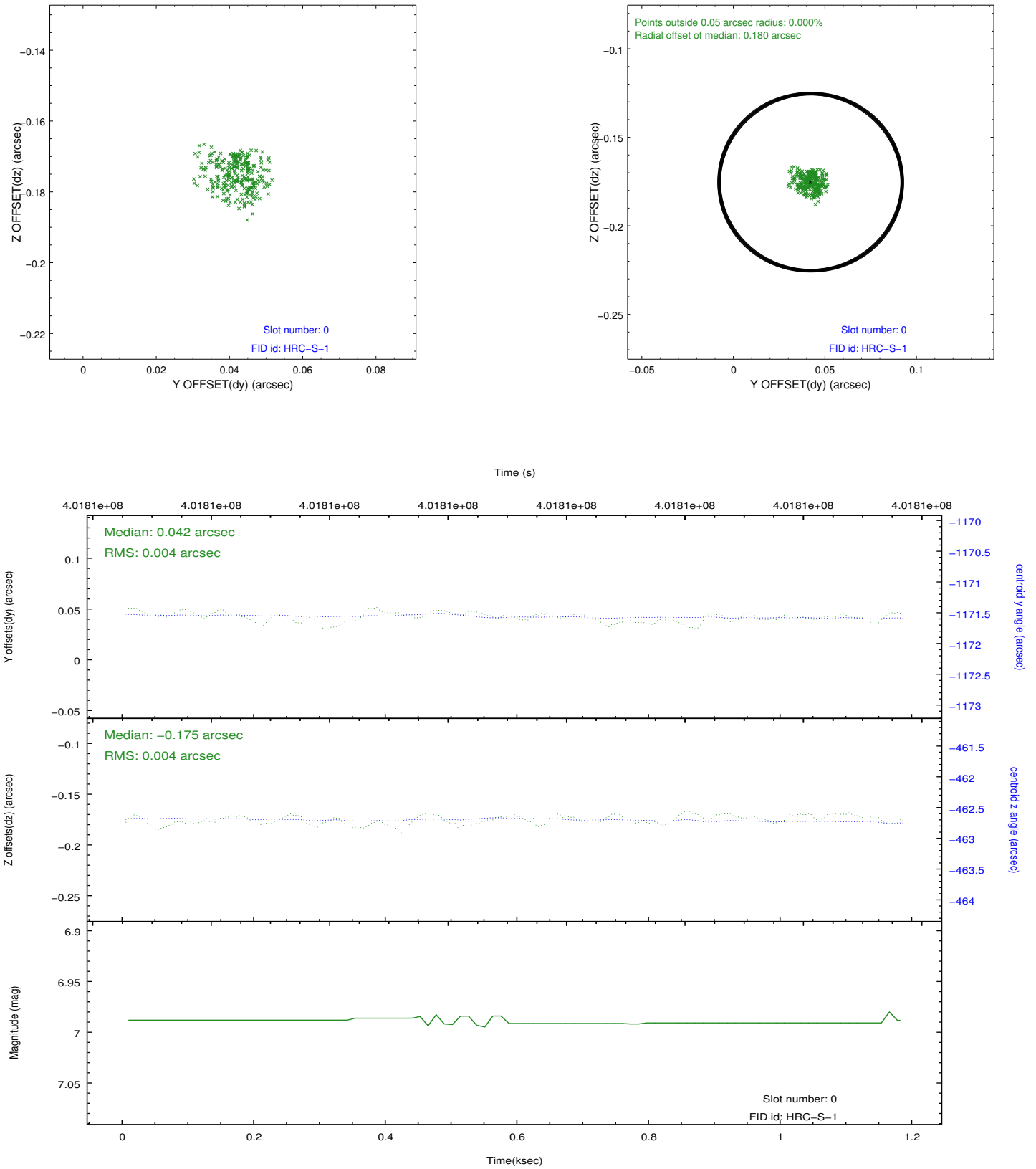


2.4.5 Slot 7

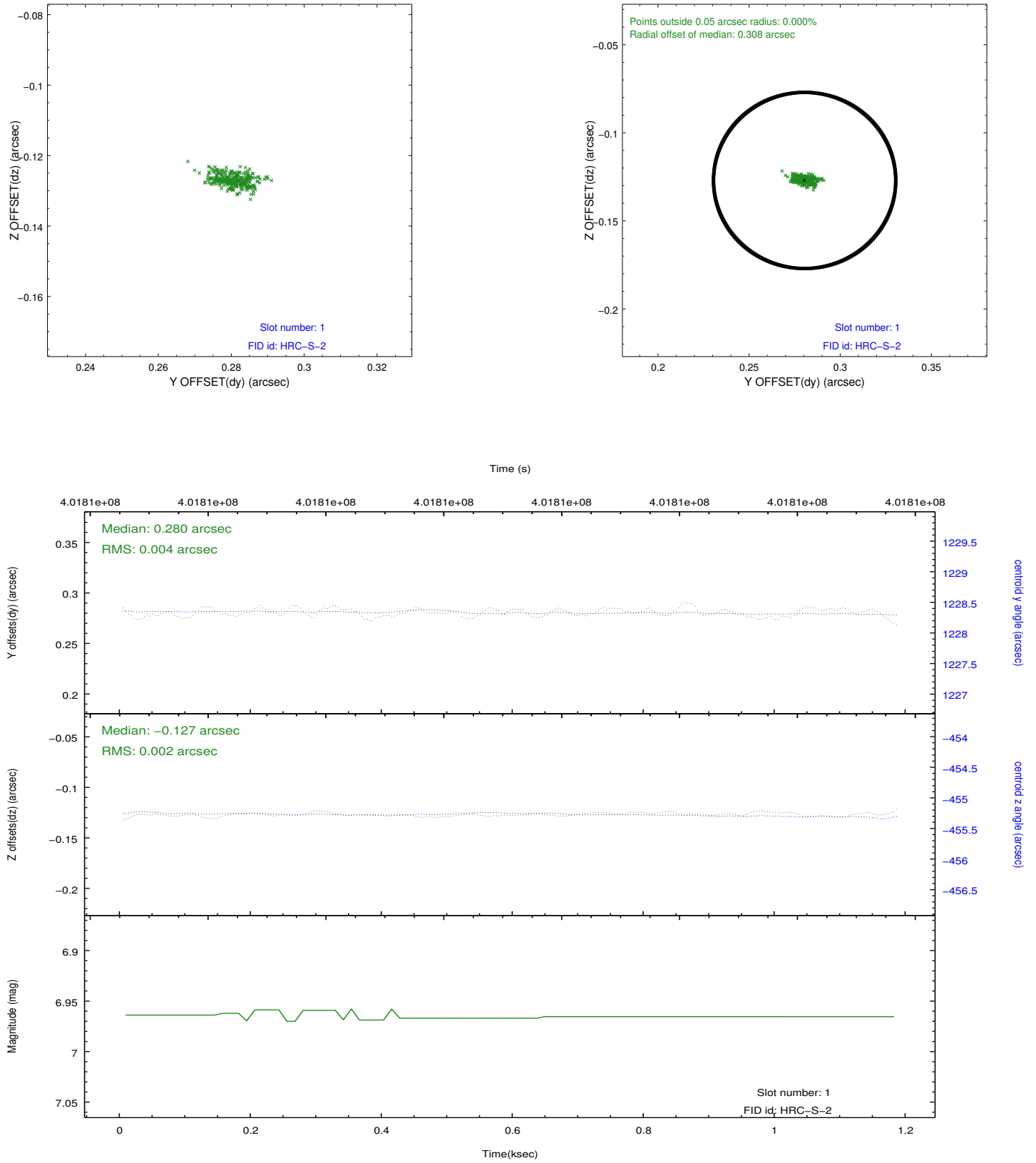


2.5 FID Slots

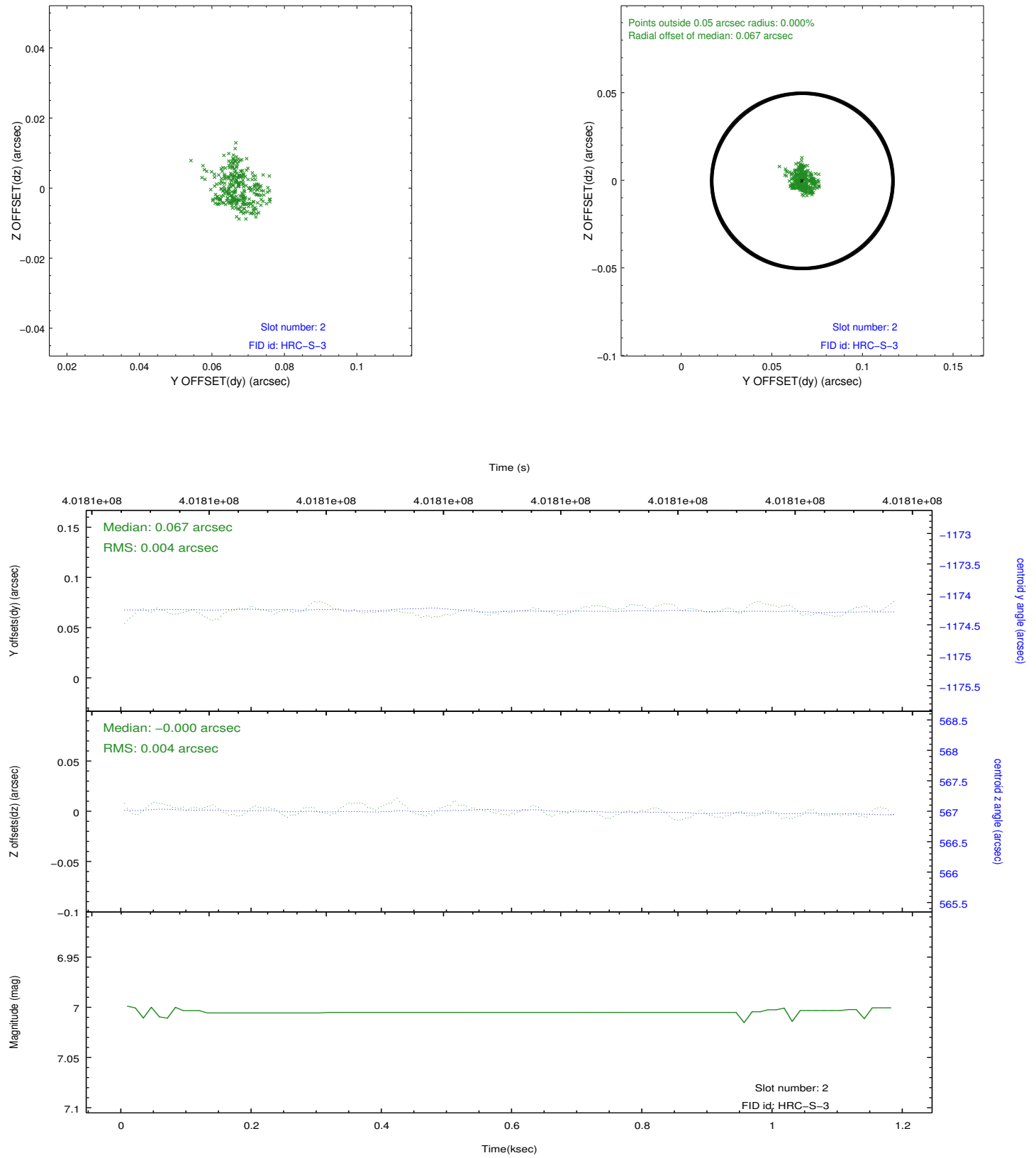
2.5.1 Slot 0



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)	2012.07.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1551750592589

A.2 Comments