

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6504 - L2 Version 3
Chandra X-Ray Center

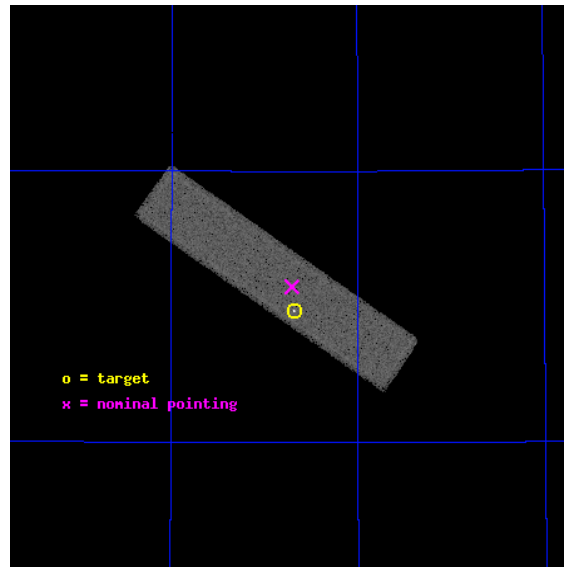
L2 Processing Date : Aug 11 2012

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1 Front

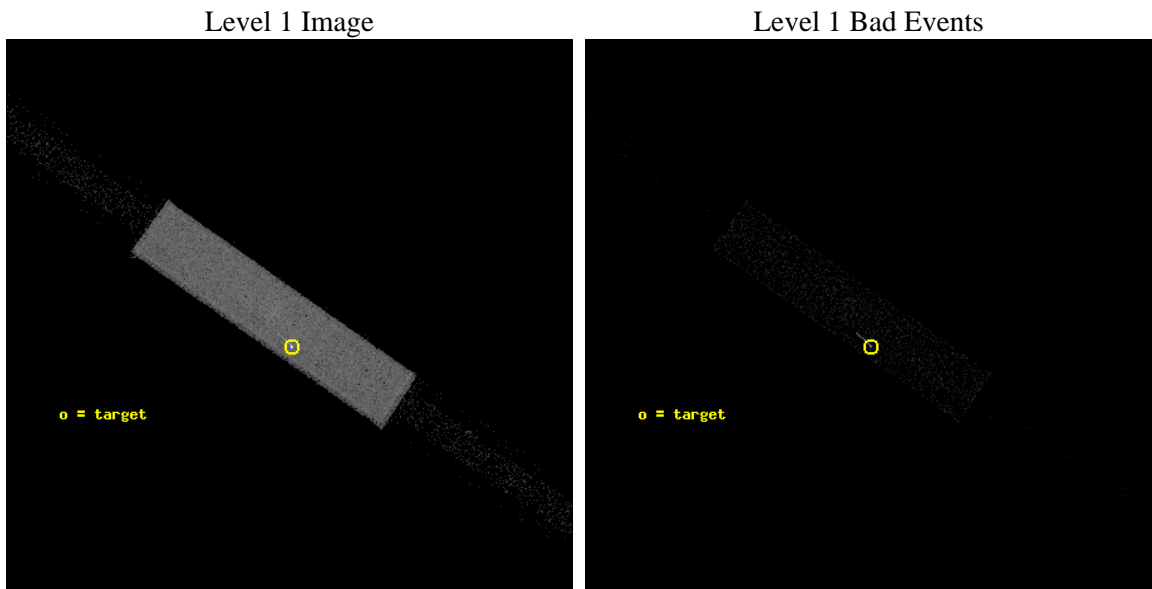
seq_num	290597	Sequence number
obs_id	6504	Observation id
title	AO7B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.17640379207	Nominal RA [deg]
dec_nom	45.7869969484	Nominal Dec [deg]
roll_nom	214.7266224661	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1153.3813042641	[s]
livetime	1144.2592224443	Ontime multiplied by DTCOR
l2events	63639	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	1153.3813042641	[s]
caldsver	4.5.1.1	 	l1events	101815	Number of level 1 events
date	2012-08-11T14:12:28	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

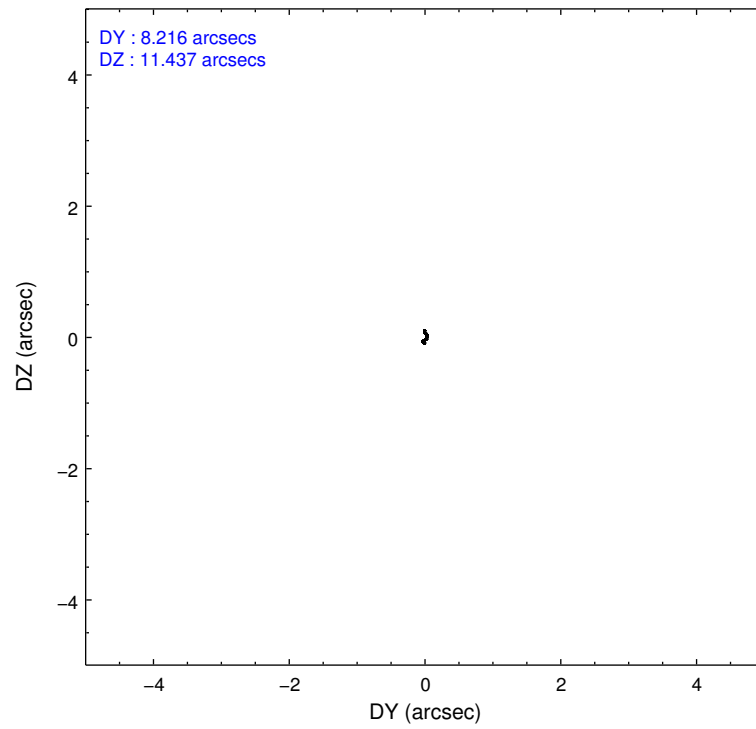
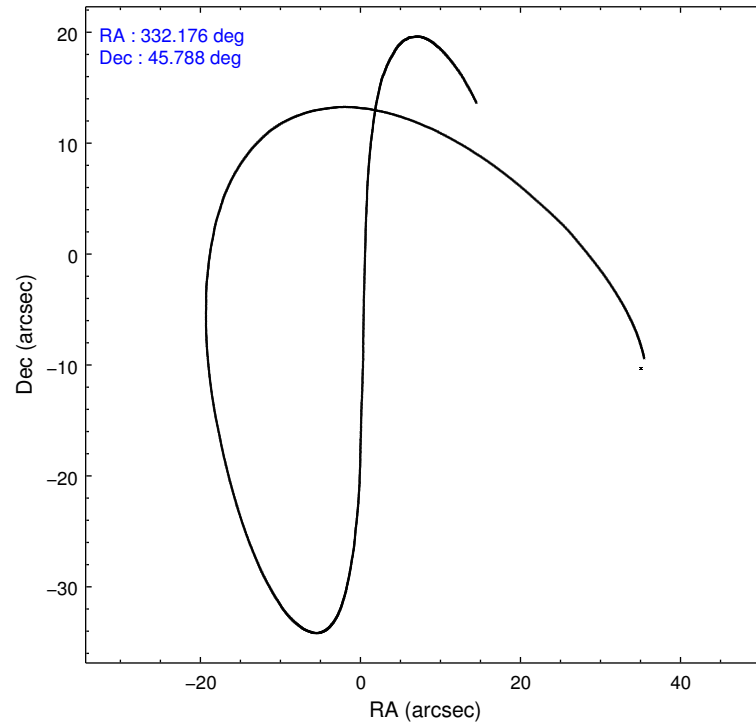
	segment 1	segment 2	segment 3
level 1 events	1002	99872	941
rejected events	1002	22690	941
rejected %	100%	22%	100%

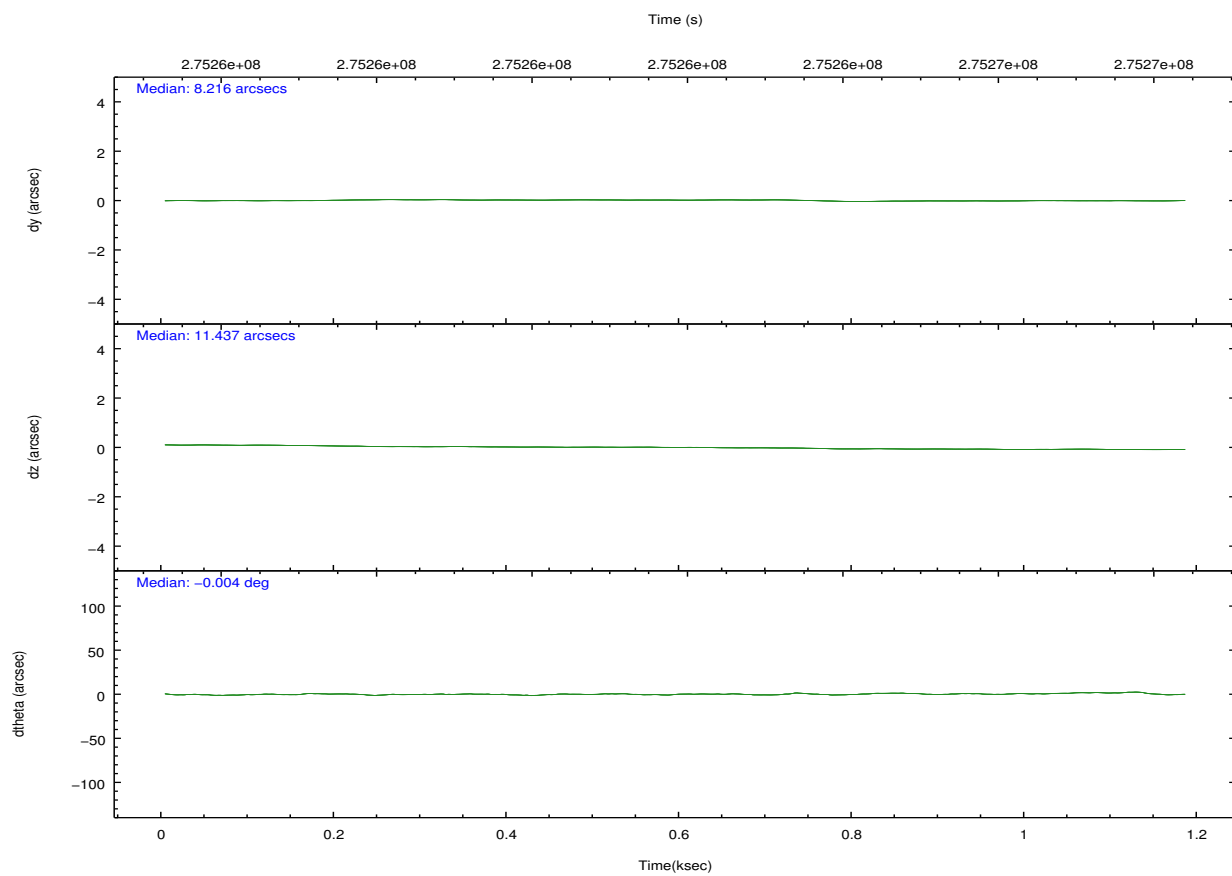
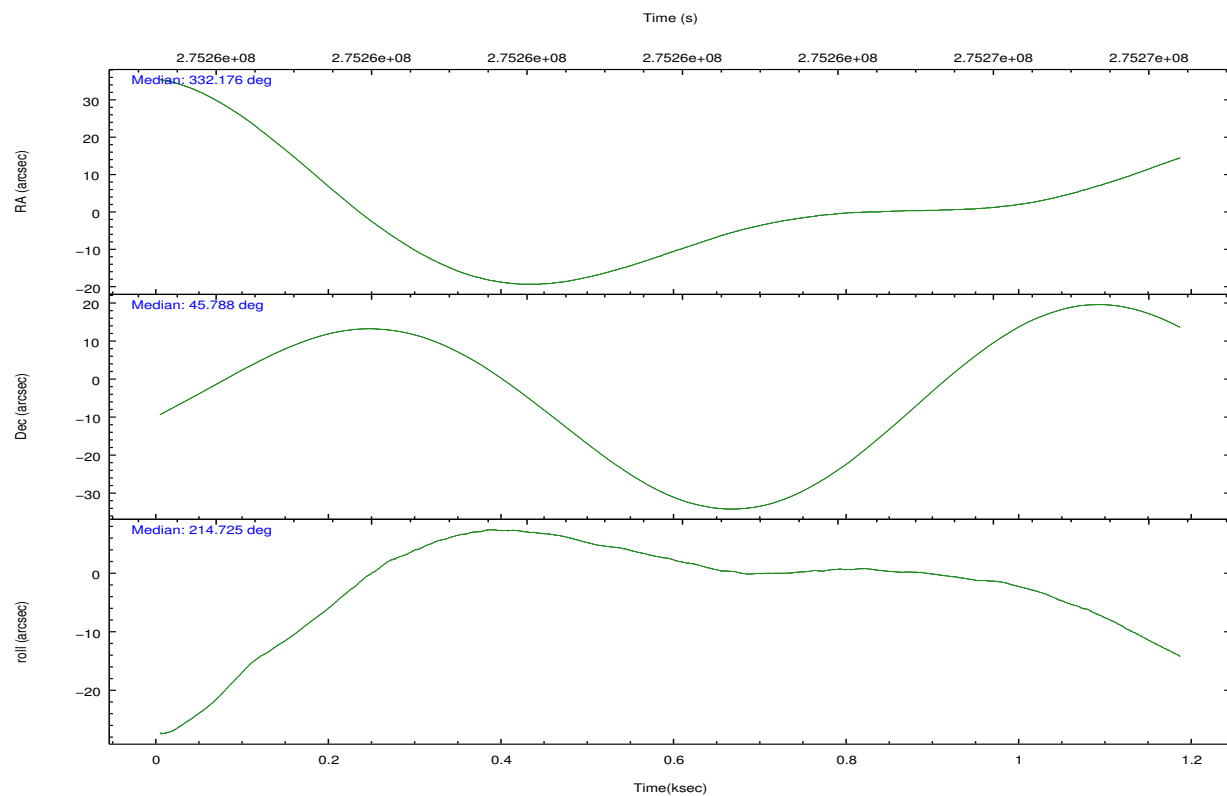
2.2 Compared Parameters

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	332.192159	332.1764037920654
[deg] Pointing Dec	45.812559	45.78699694839995
[deg] Pointing Roll	214.647933	214.726622466099
[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)	275264380.184000	275264004.49277
Observation start date	2006-09-21T22:18:35	2006-09-21T22:13:24
[s] Observation end time (MET)	275265380.184000	275265514.31784
Observation end date	2006-09-21T22:35:15	2006-09-21T22:38:34

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

2.3 Aspect



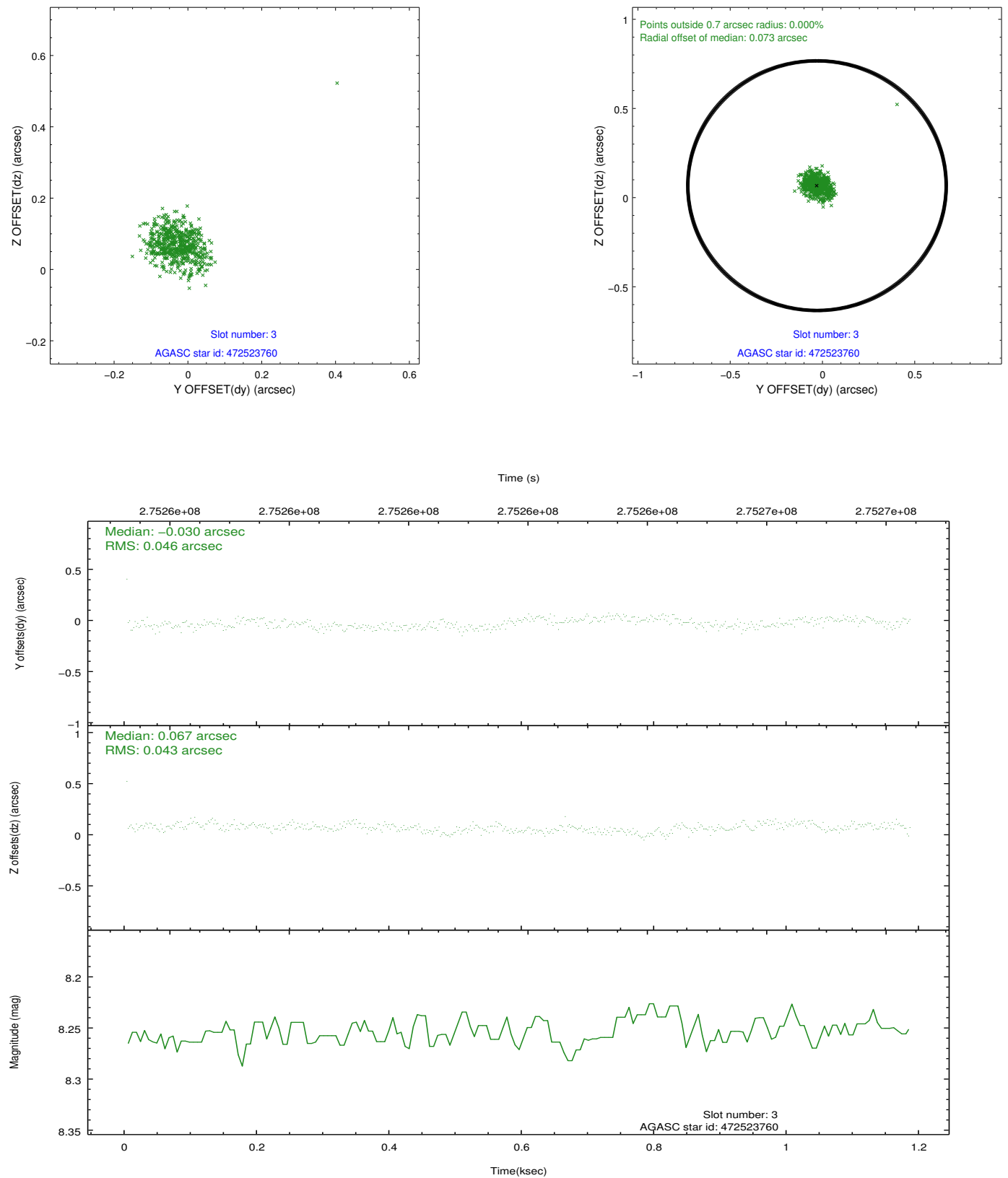


Slot Statistics

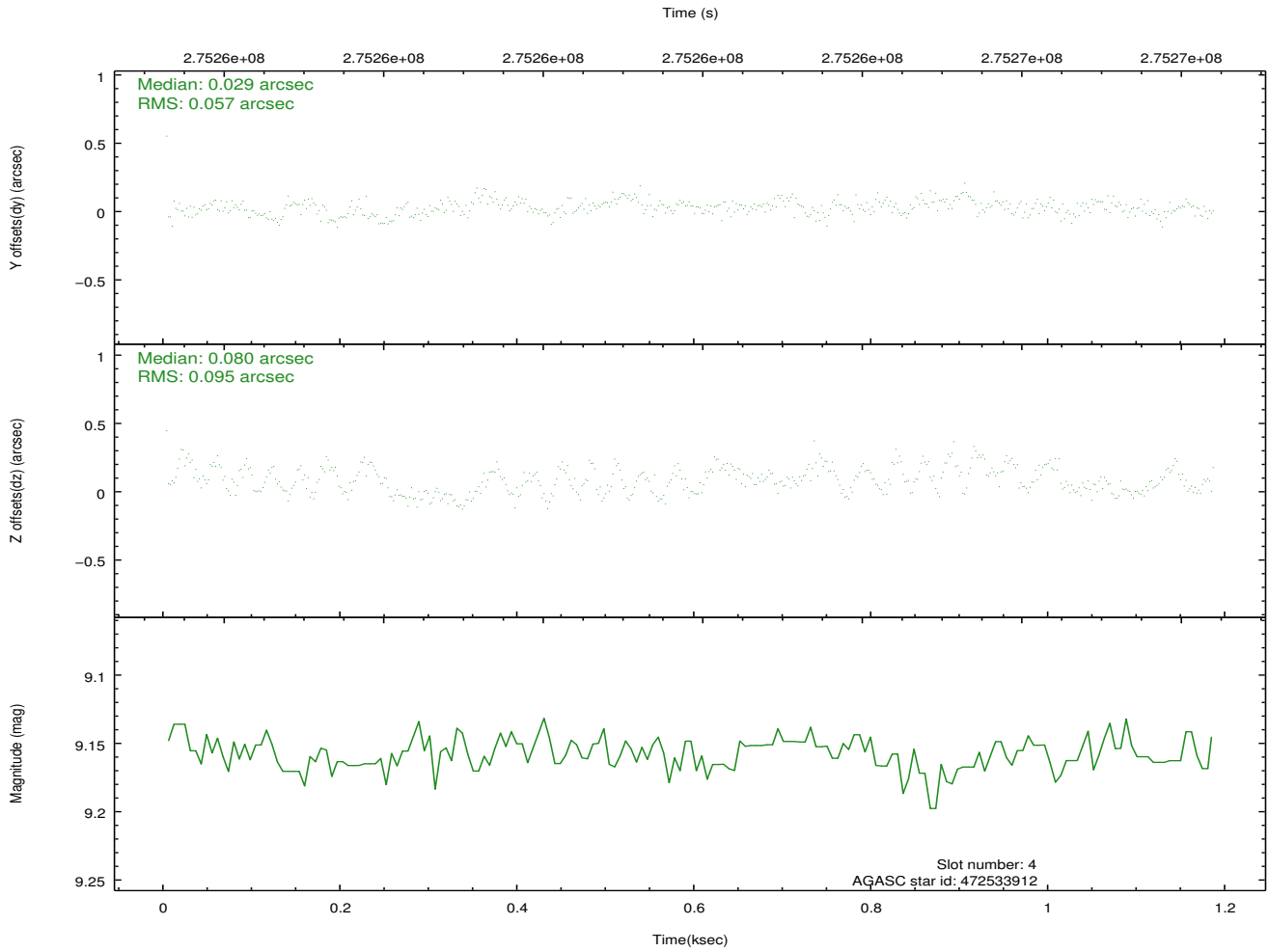
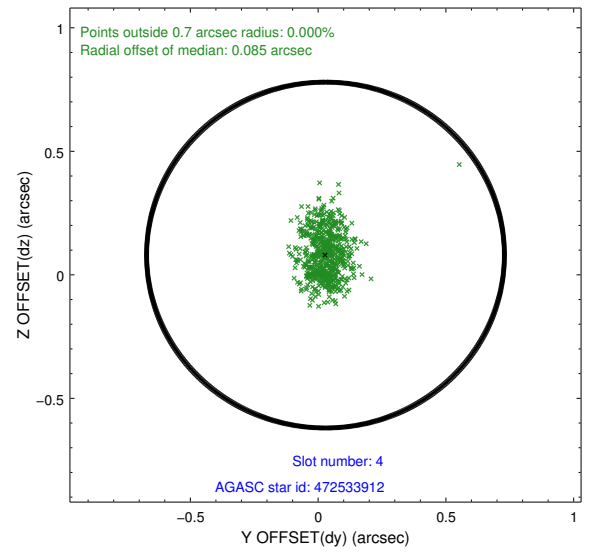
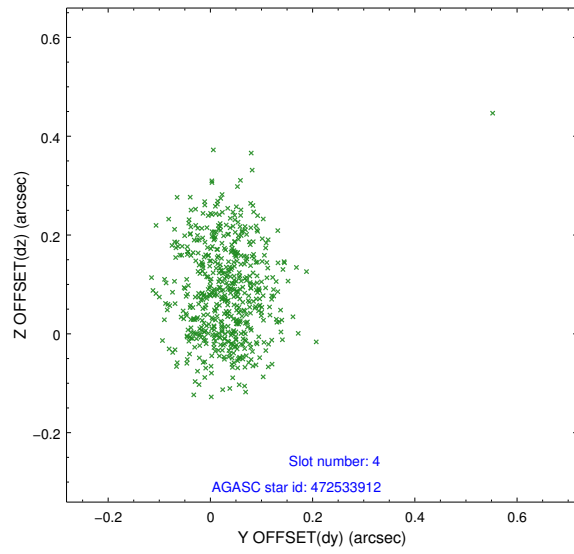
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.06	289	0.140	-0.152	0.007	0.013	0.000000	0.000000	-1162.37	-460.16
1	FID	HRC-S-2	7.06	289	0.158	-0.117	0.004	0.009	0.000000	0.000000	1233.28	-454.33
2	FID	HRC-S-3	7.07	289	0.092	-0.032	0.008	0.014	0.000000	0.000000	-1160.88	567.91
3	GUIDE	472523760	8.25	578	-0.030	0.067	0.063	0.095	331.645363	45.403260	1973.97	425.79
4	GUIDE	472533912	9.16	578	0.029	0.080	0.118	0.185	331.791136	46.368695	-314.71	-2211.57
5	GUIDE	472651904	6.71	578	-0.116	-0.196	0.078	0.112	332.170077	45.742257	190.87	175.26
6	GUIDE	472655152	9.43	577	0.018	-0.050	0.109	0.172	332.504239	45.862991	-745.45	297.55
7	GUIDE	472665256	9.03	577	0.099	0.114	0.073	0.123	332.808125	46.195041	-2048.24	-261.37

2.4 Star Slots

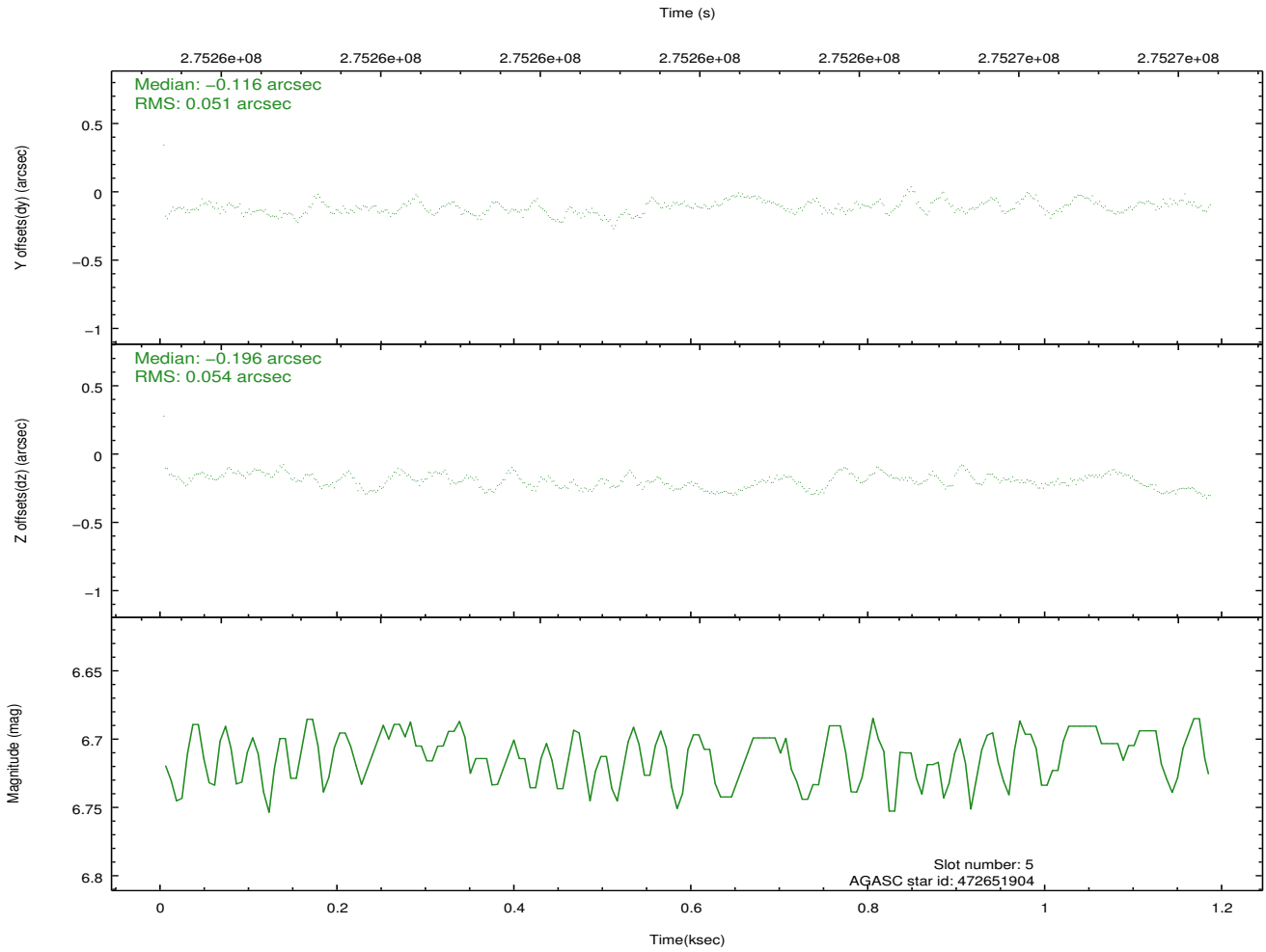
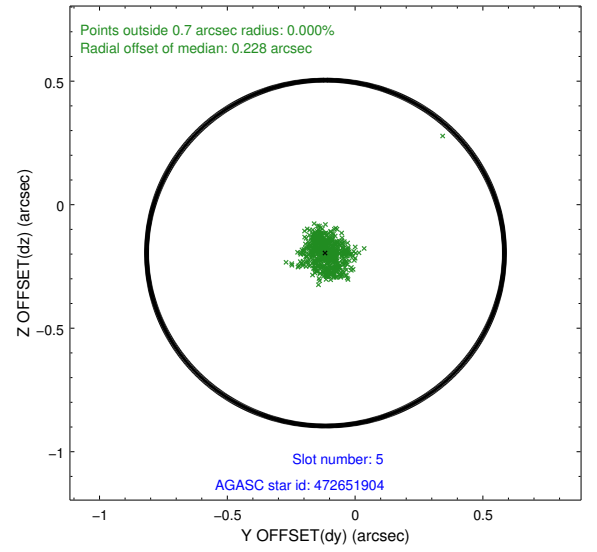
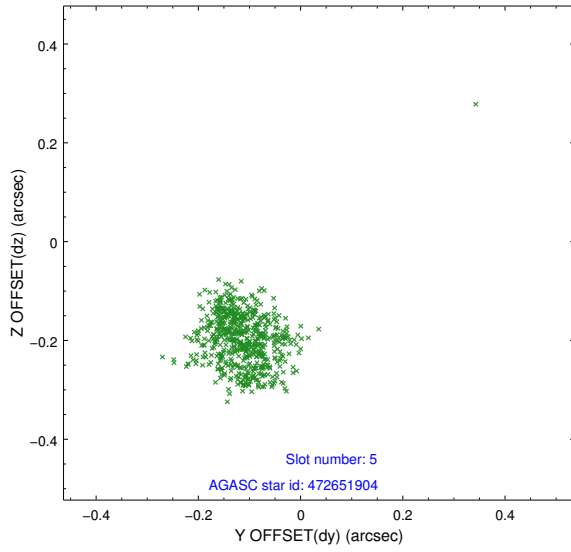
2.4.1 Slot 3



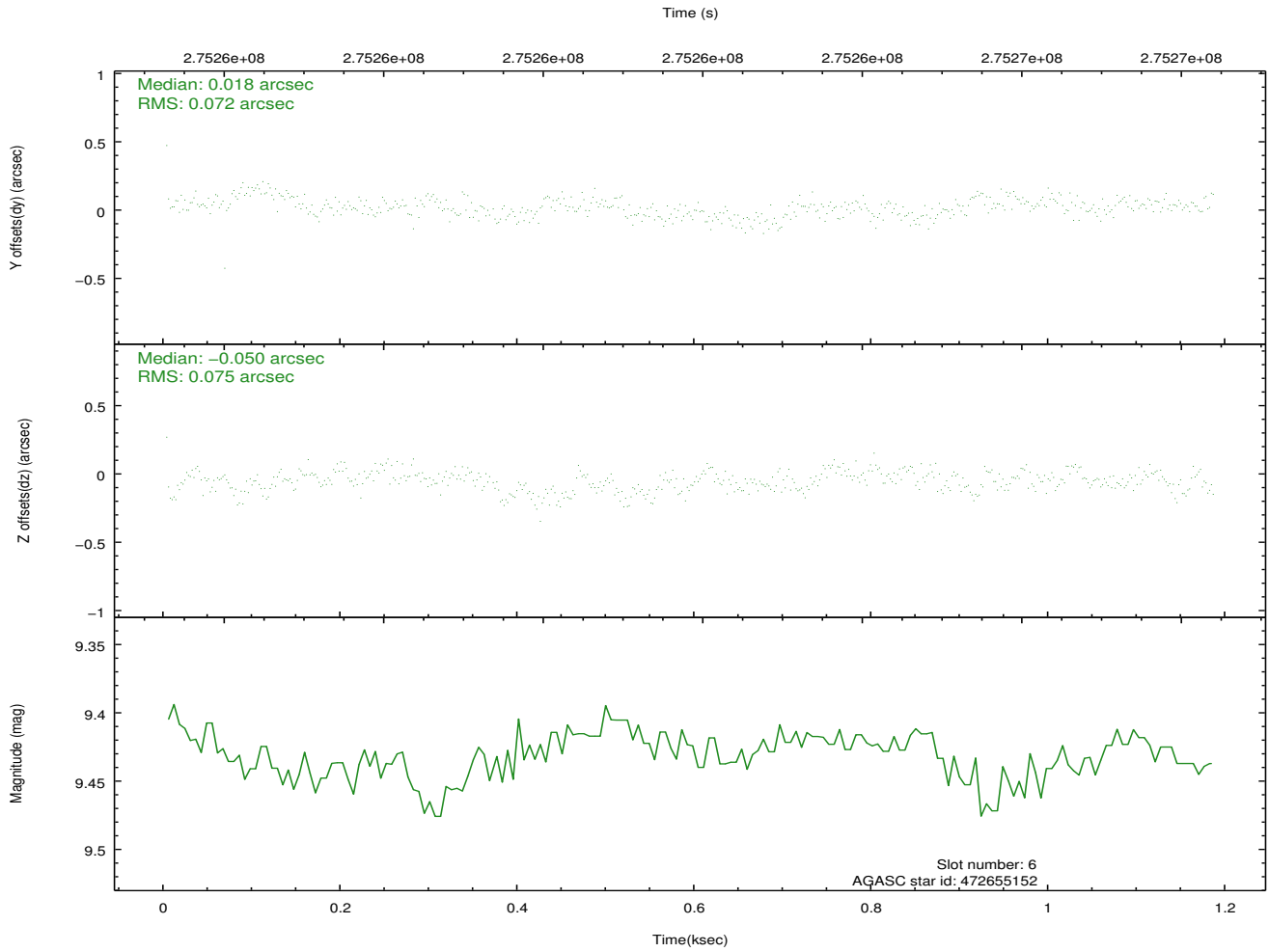
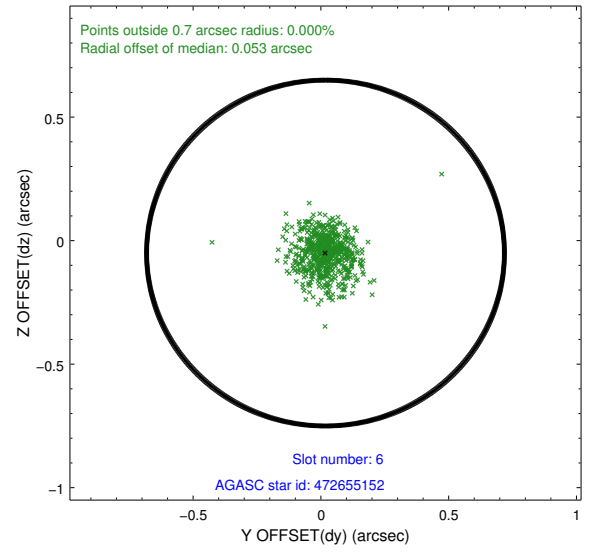
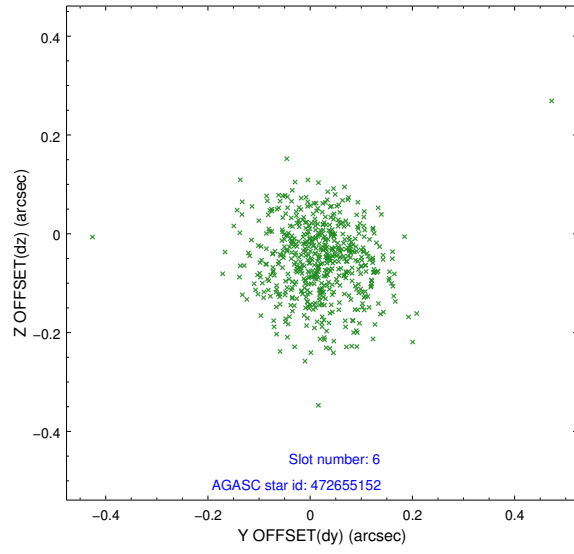
2.4.2 Slot 4



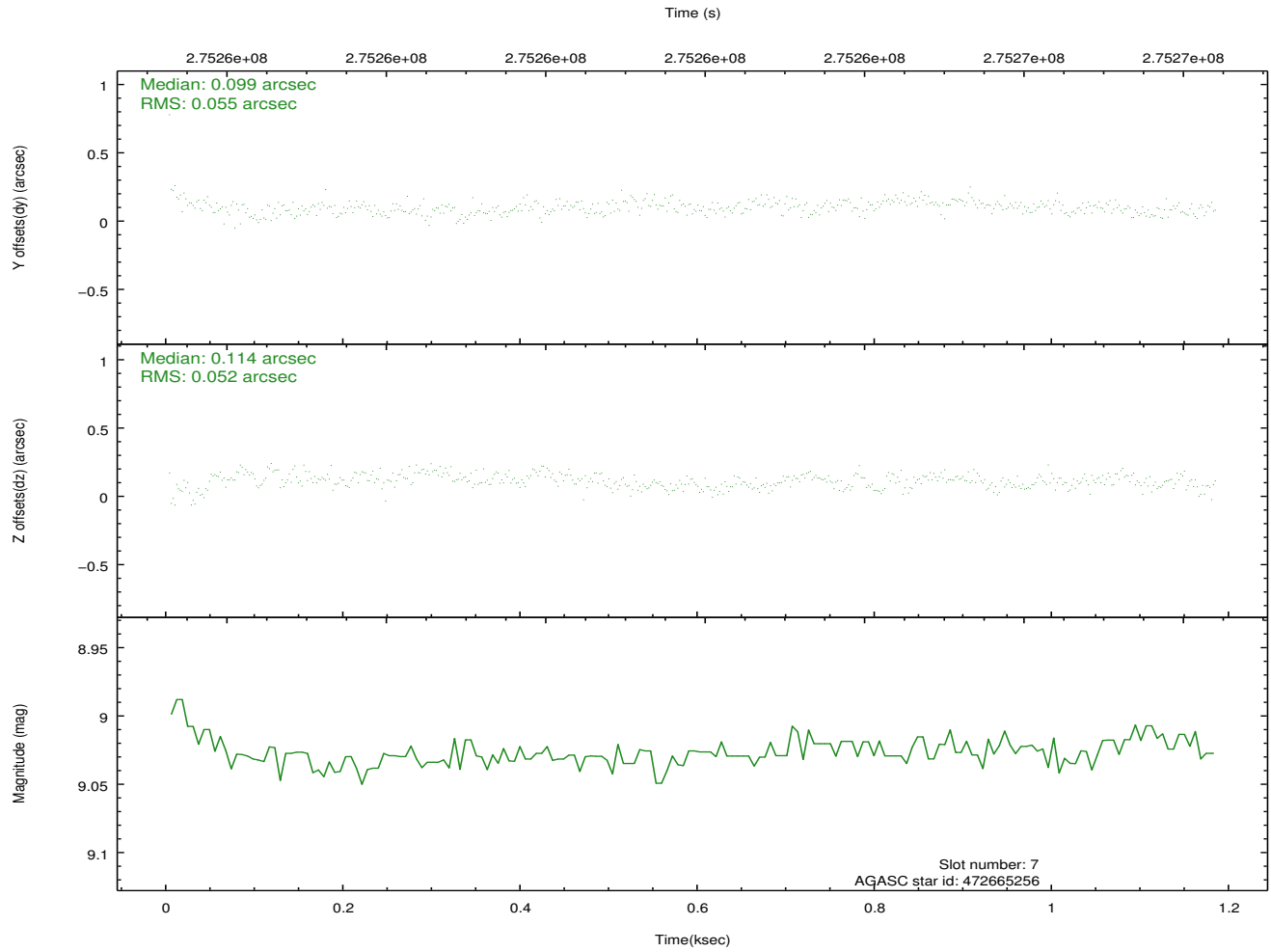
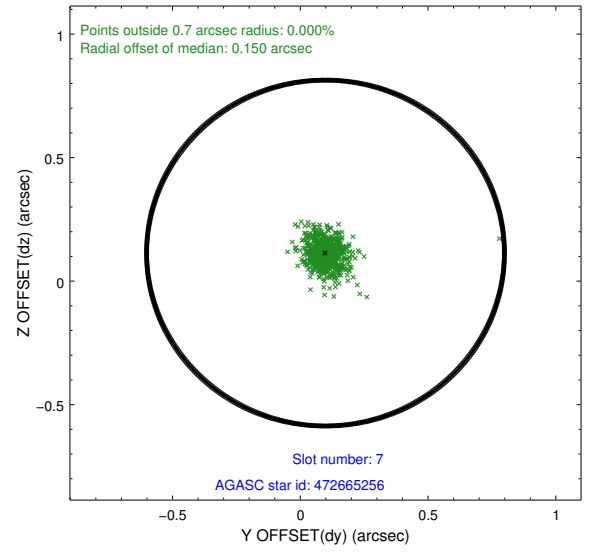
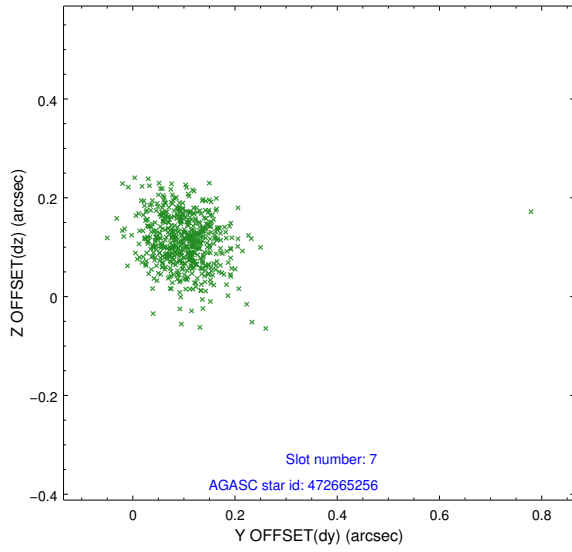
2.4.3 Slot 5



2.4.4 Slot 6

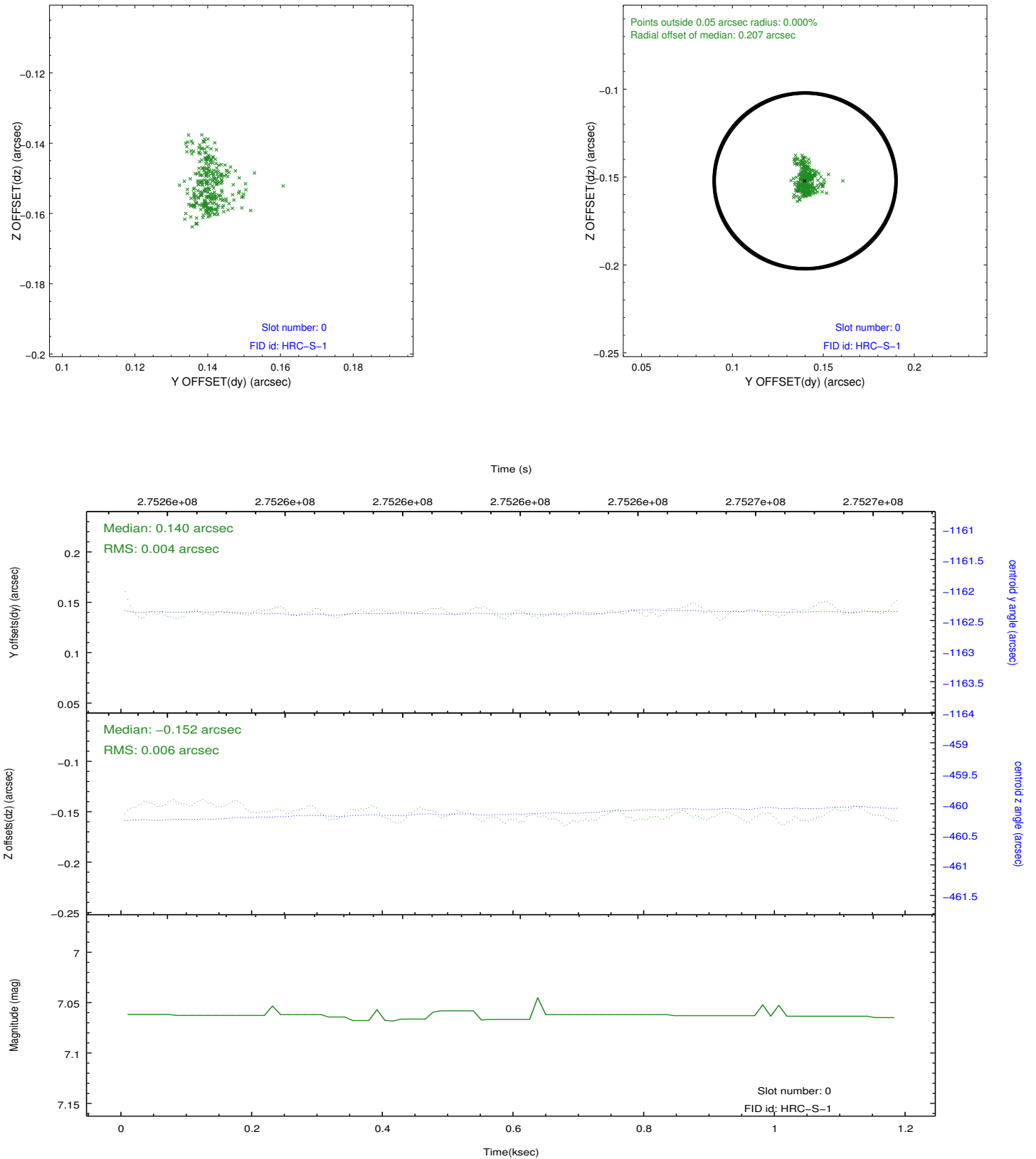


2.4.5 Slot 7

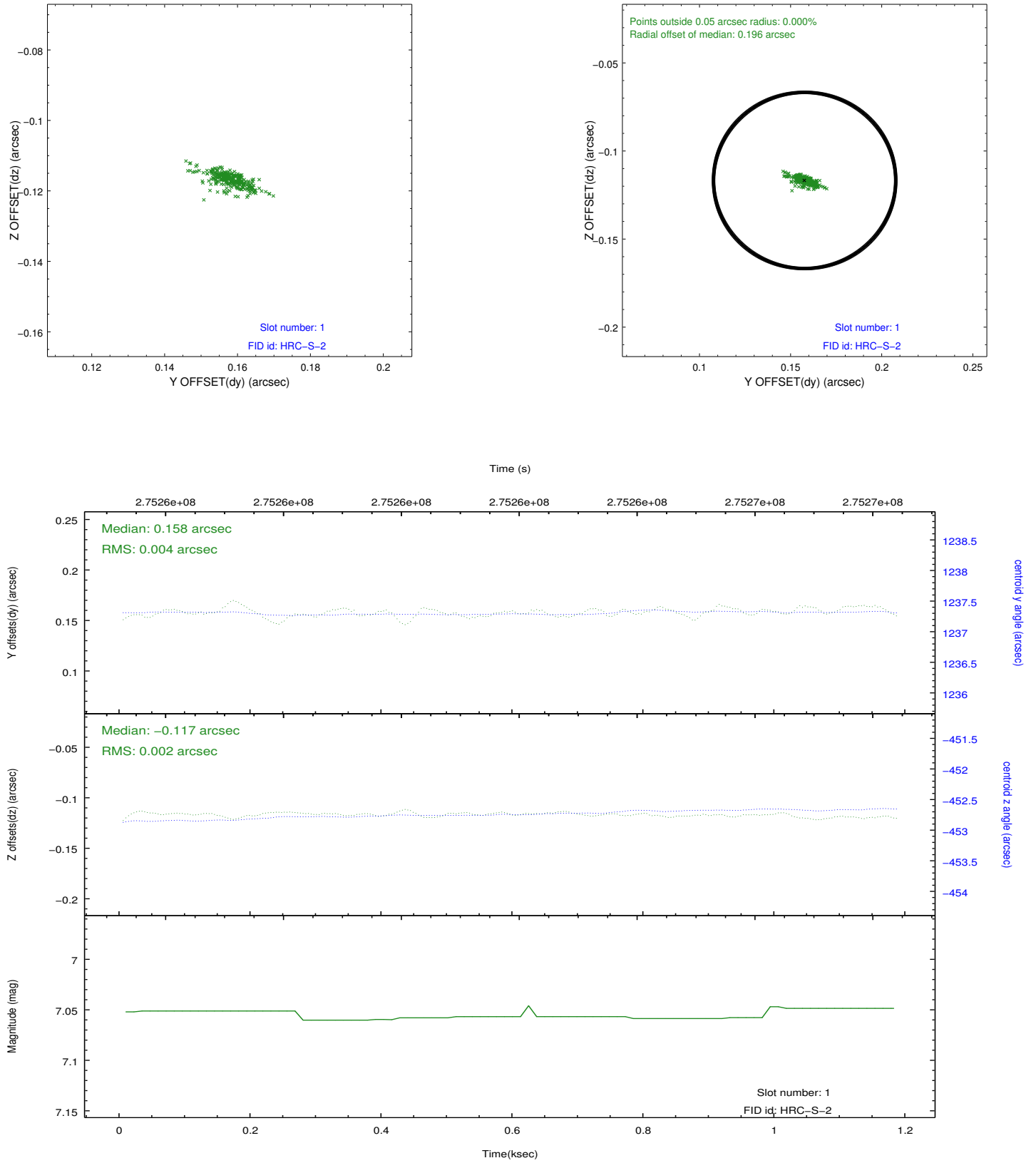


2.5 FID Slots

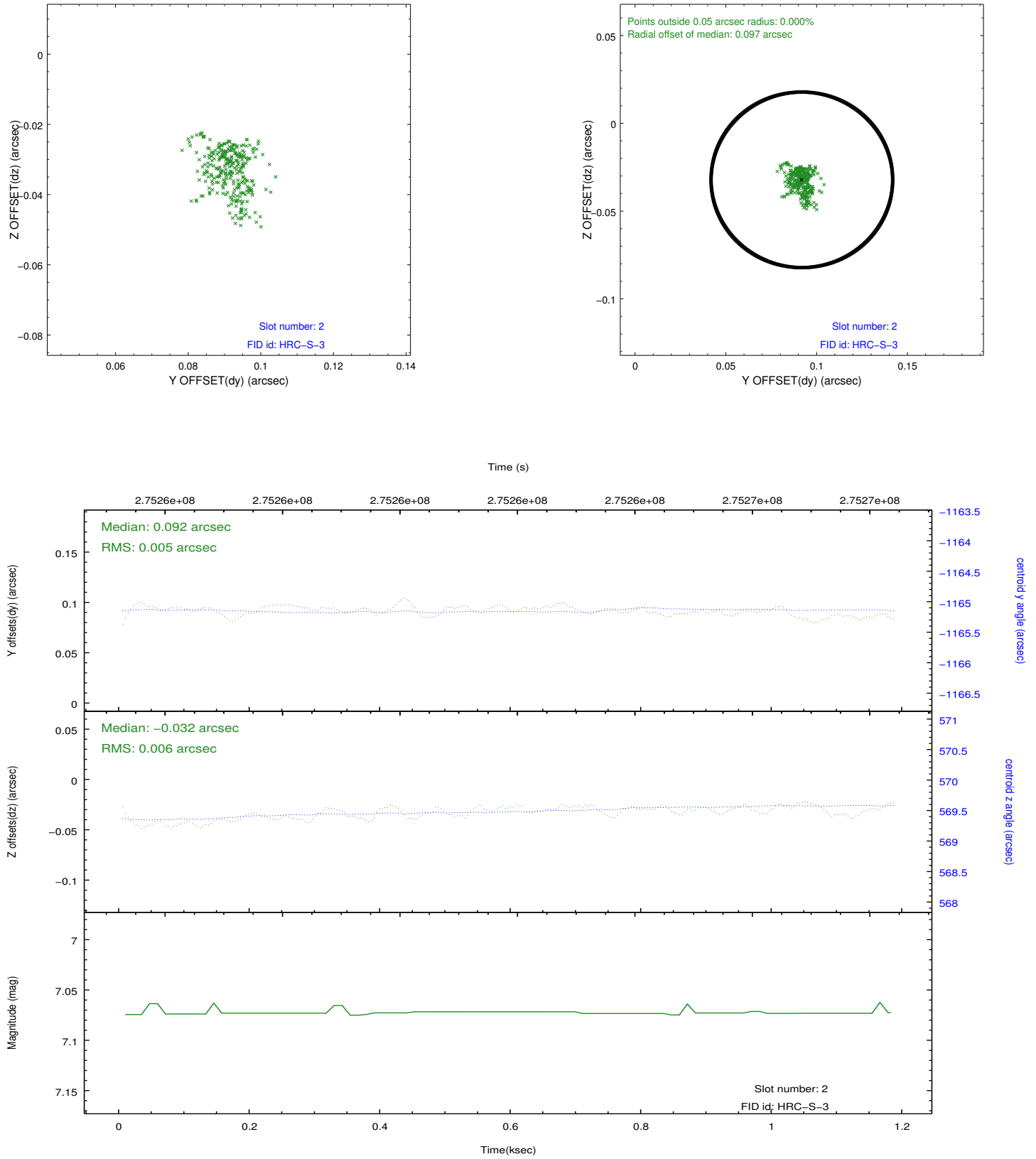
2.5.1 Slot 0



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	1.15312505

A.2 Comments