

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2618 - L2 Version 4
Chandra X-Ray Center

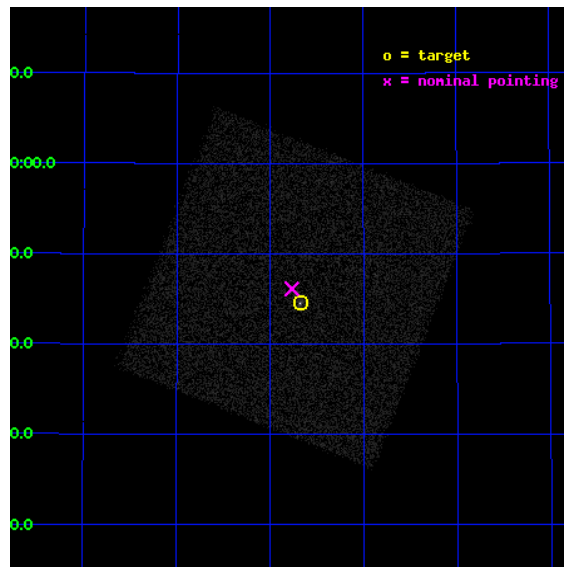
L2 Processing Date : Oct 1 2012

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1 Front

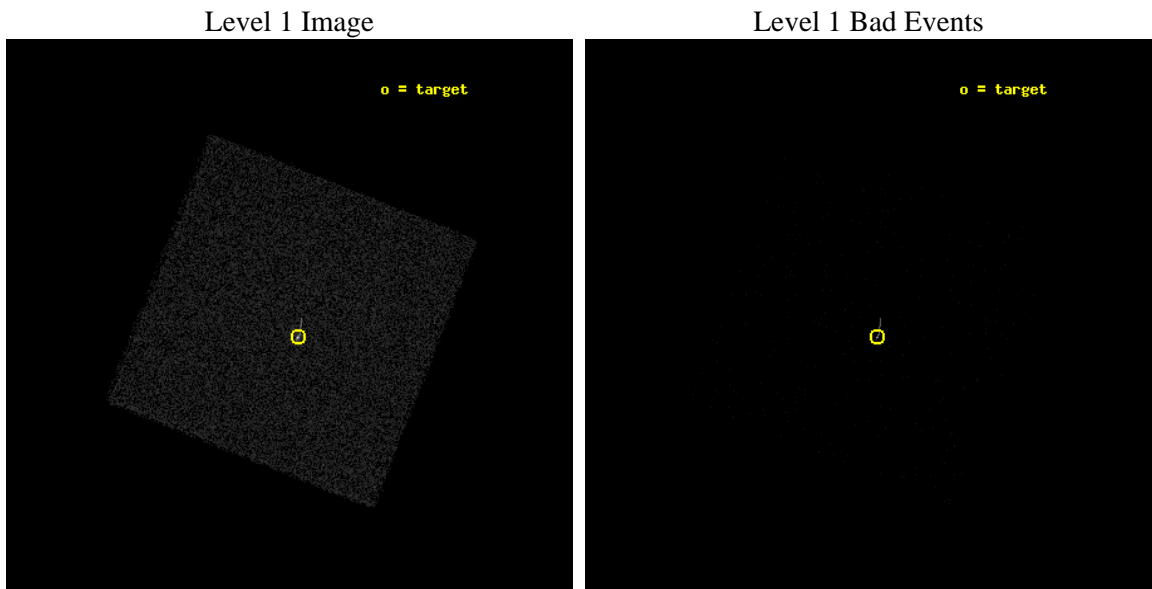
seq_num	290174	Sequence number
obs_id	2618	Observation id
title	AO3 HRC-I CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC	Proposal tit
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.19191157118	Nominal RA [deg]
dec_nom	45.769101260745	Nominal Dec [deg]
roll_nom	336.58025316501	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1196.4312982112	[s]
livetime	1189.7441010802	Ontime multiplied by DTCOR
l2events	37382	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1196.4312982112	[s]
caldbver	4.5.2	 	l1events	67903	Number of level 1 events
date	2012-10-01T03:13:10	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

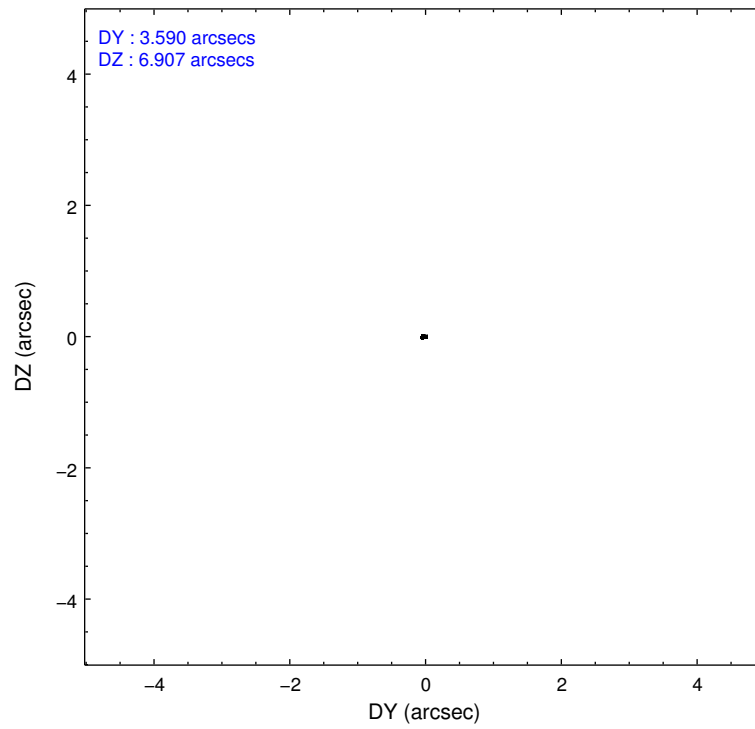
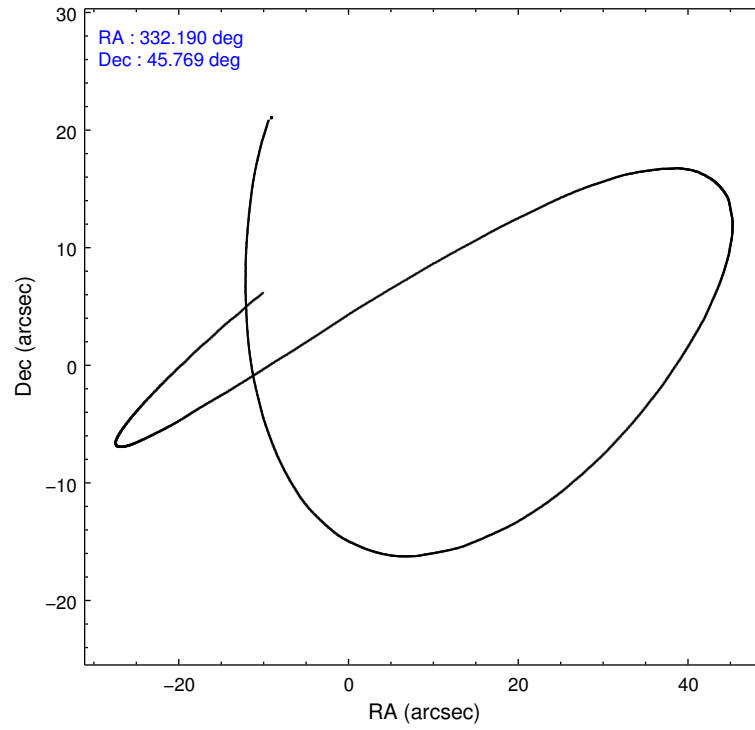
Level 1 Events

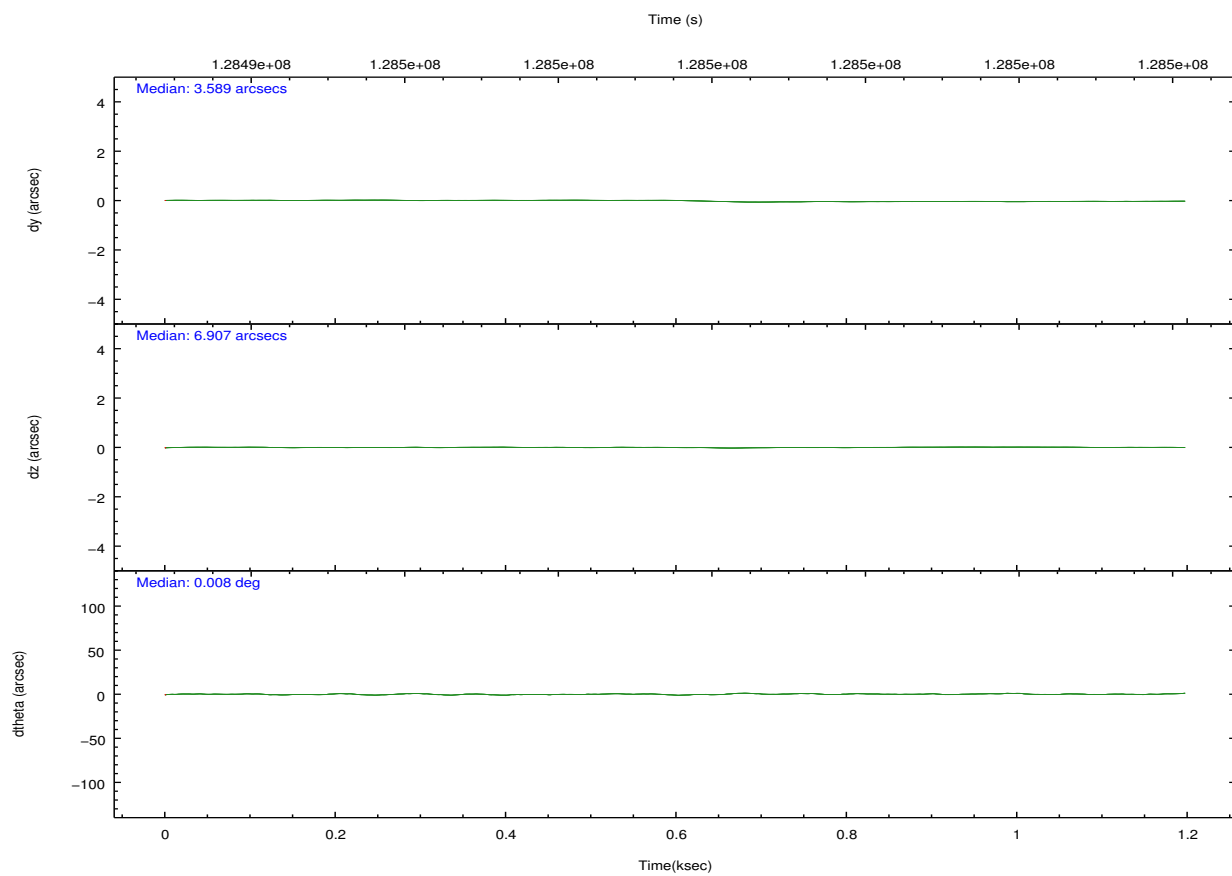
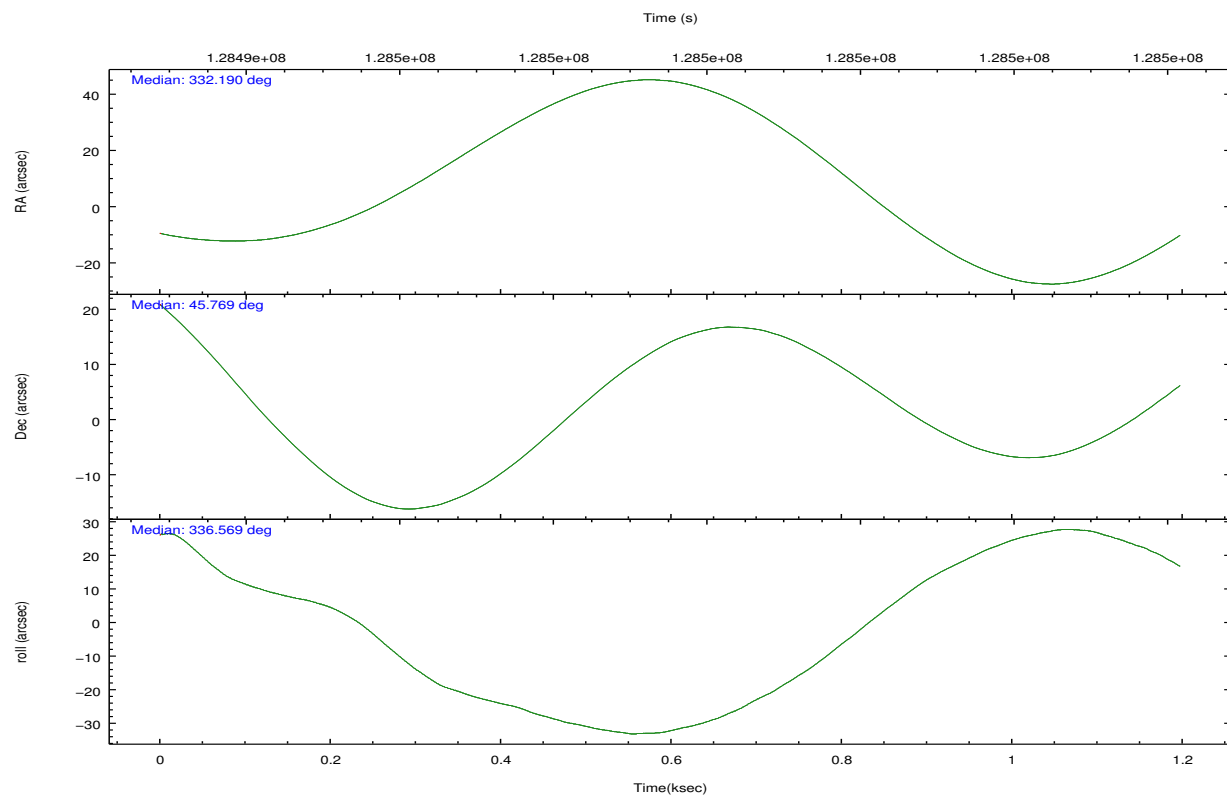
	segment 0
level 1 events	67903
rejected events	14022
rejected %	20%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	332.154571	332.1919115711773			
[deg] Pointing Dec	45.766175	45.76910126074469			
[deg] Pointing Roll	336.702382	336.5802531650122			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9854943052878			
[mm] SIM translation stage offset	0	-5.413686238853188e-06			
[s] Observation start time (MET)	128494949.184000	128494573.47793			
Observation start date	2002-01-27T05:01:25	2002-01-27T04:56:13			
[s] Observation end time (MET)	128495949.184000	128496083.30299			
Observation end date	2002-01-27T05:18:05	2002-01-27T05:21:23			

2.3 Aspect



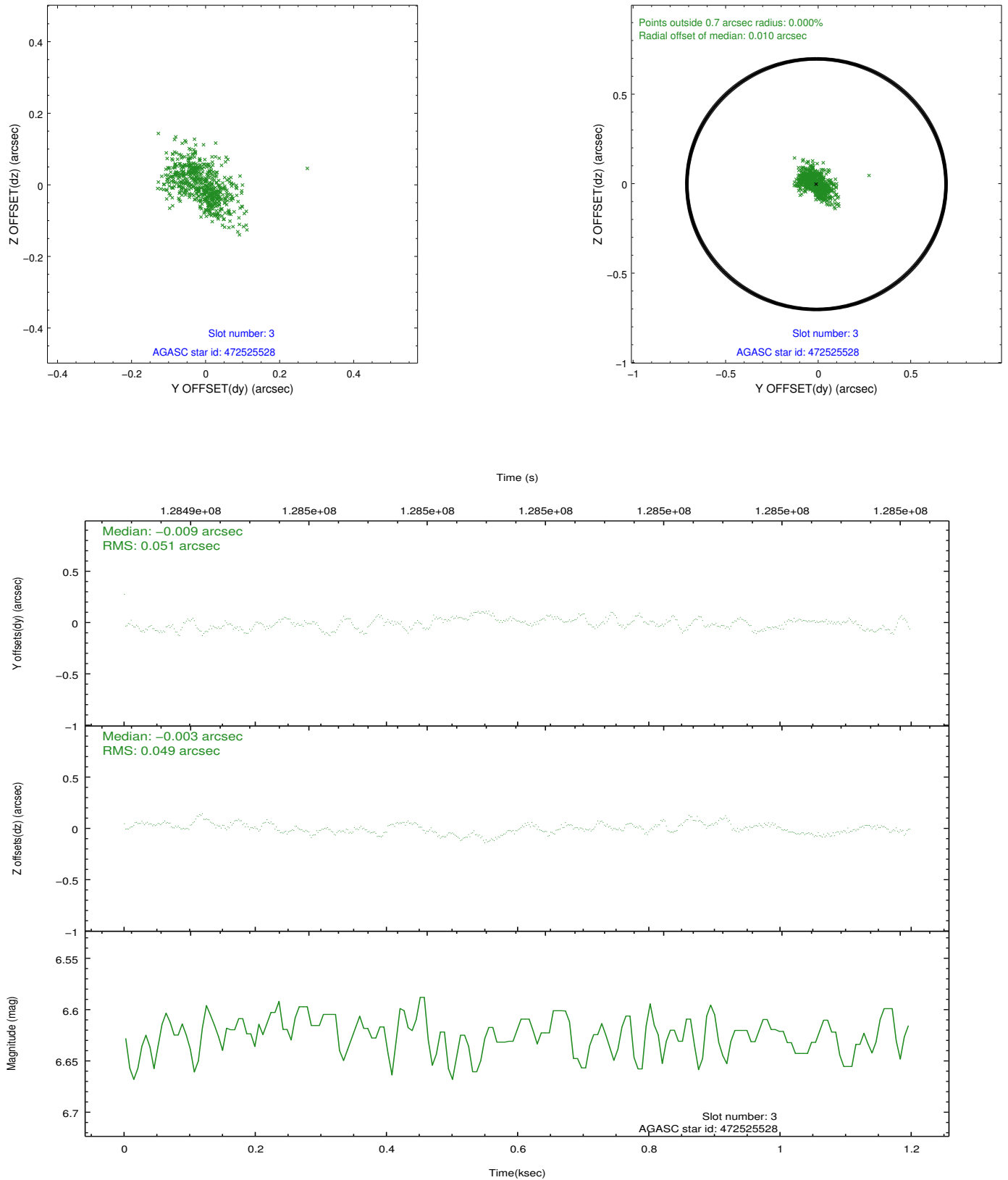


Slot Statistics

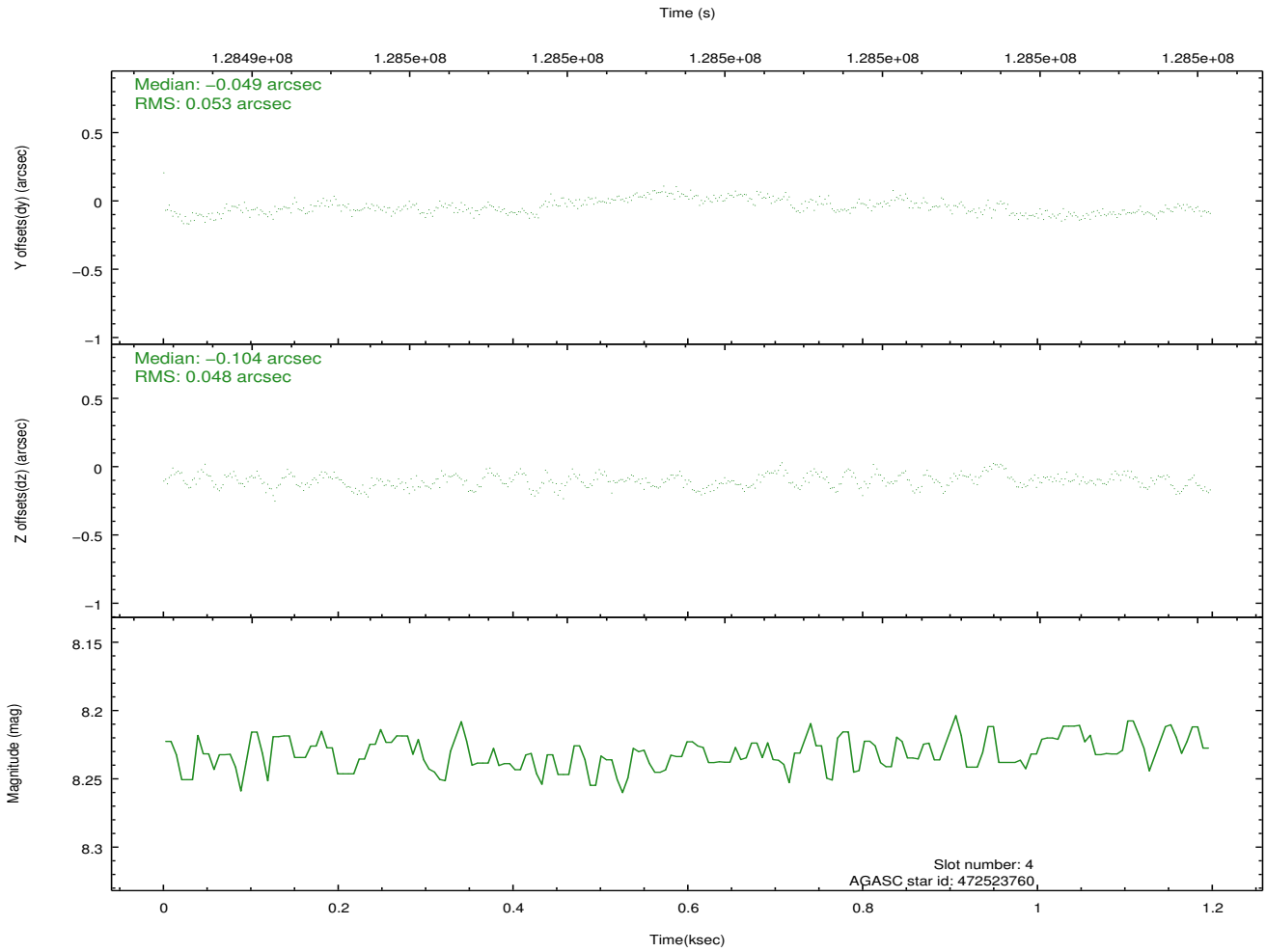
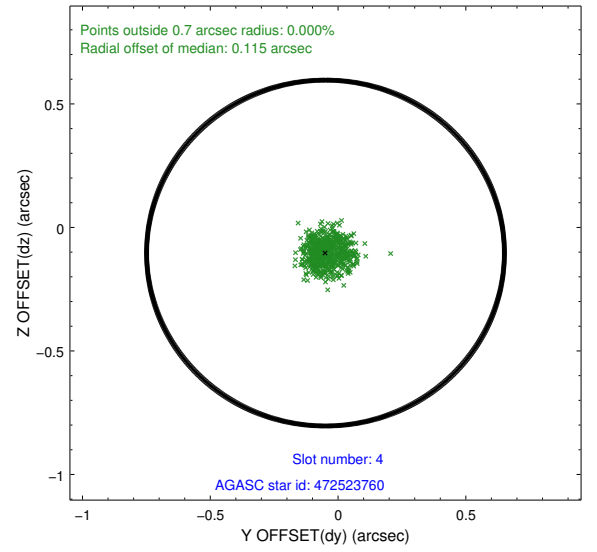
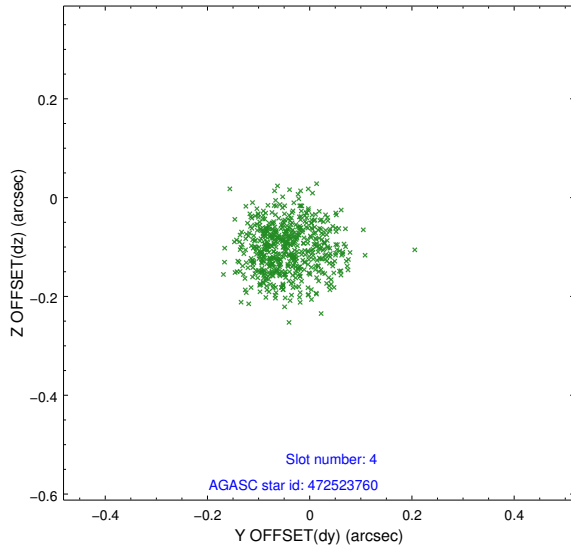
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	293	0.027	0.029	0.008	0.012	0.000000	0.000000	-759.02	-1294.78
1	FID	HRC-I-2	7.00	293	0.077	-0.070	0.007	0.011	0.000000	0.000000	851.07	-1300.85
2	FID	HRC-I-3	7.05	293	0.016	-0.049	0.005	0.011	0.000000	0.000000	-1184.64	1005.26
3	GUIDE	472525528	6.62	585	-0.009	-0.003	0.075	0.120	331.551102	45.248694	-668.04	-2307.64
4	GUIDE	472523760	8.23	585	-0.049	-0.104	0.079	0.119	331.645363	45.403260	-666.09	-1706.29
5	GUIDE	472665256	9.01	578	-0.035	-0.013	0.090	0.147	332.808125	46.195041	882.68	2068.60
6	GUIDE	472659832	9.46	585	0.090	0.132	0.122	0.198	332.780399	46.098139	962.90	1728.18
7	GUIDE	472654568	9.44	584	0.000	-0.005	0.108	0.176	332.194449	45.063576	1097.44	-2276.67

2.4 Star Slots

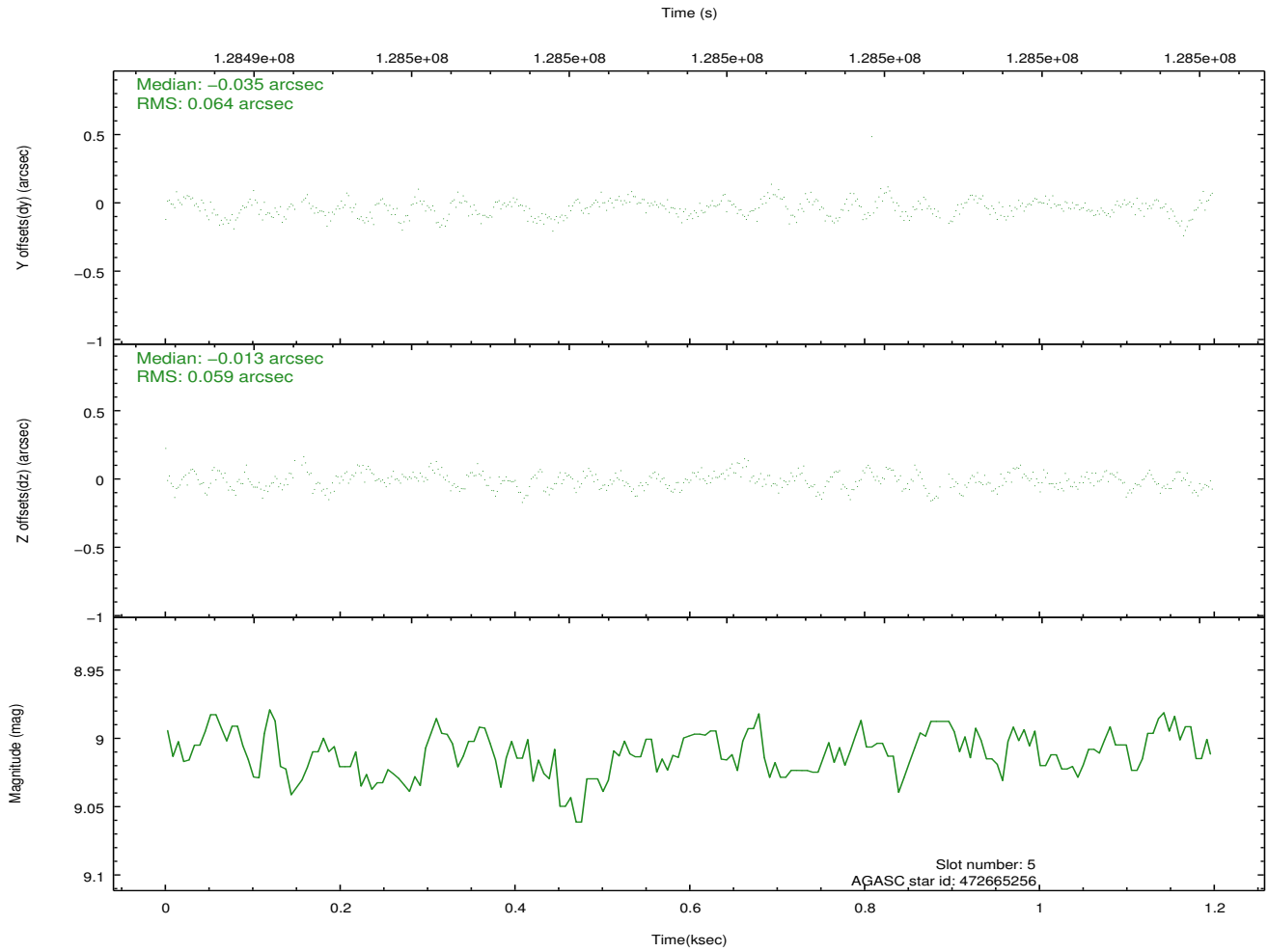
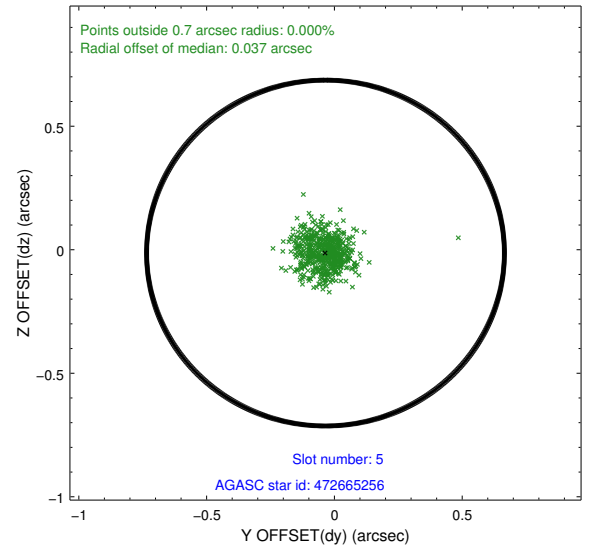
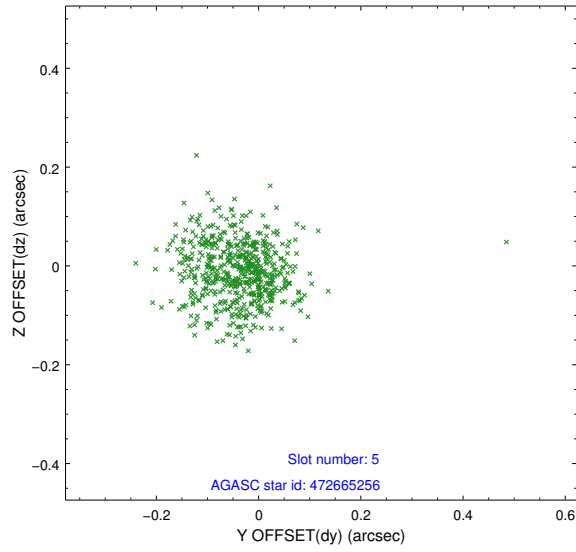
2.4.1 Slot 3



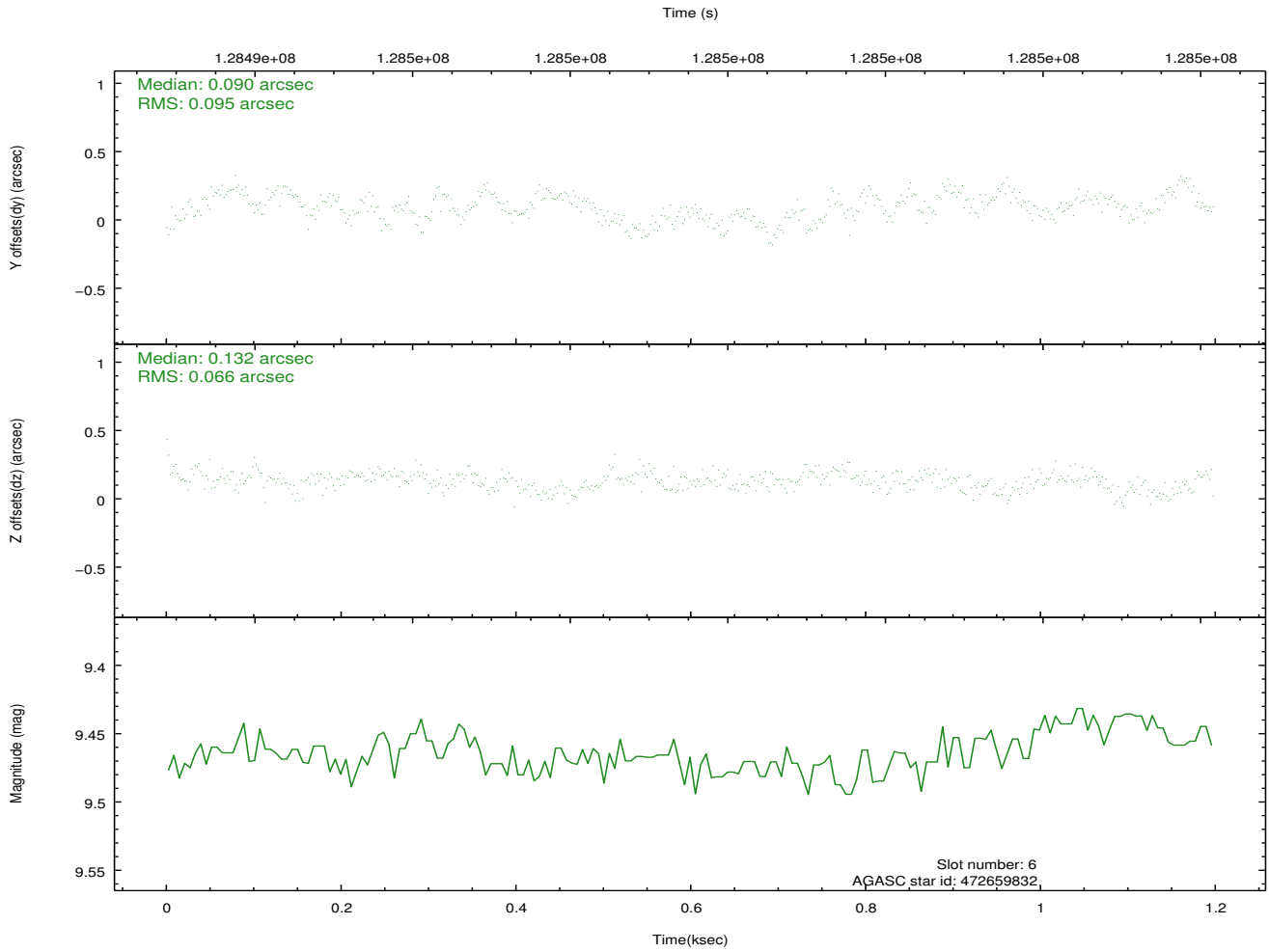
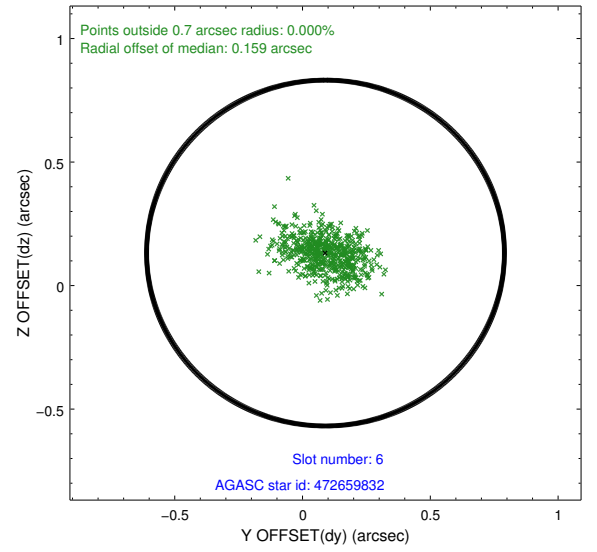
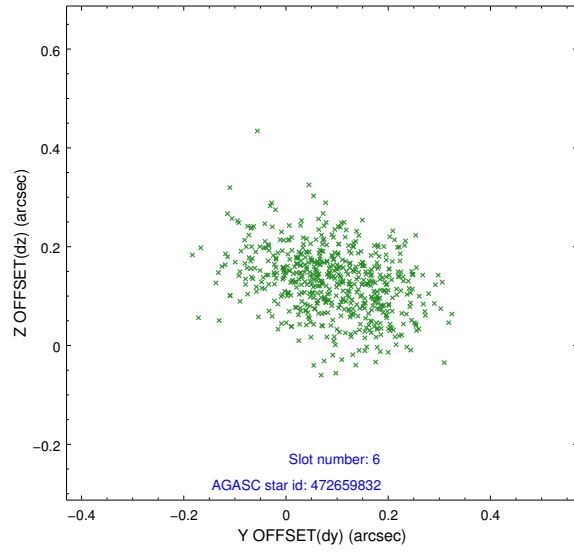
2.4.2 Slot 4



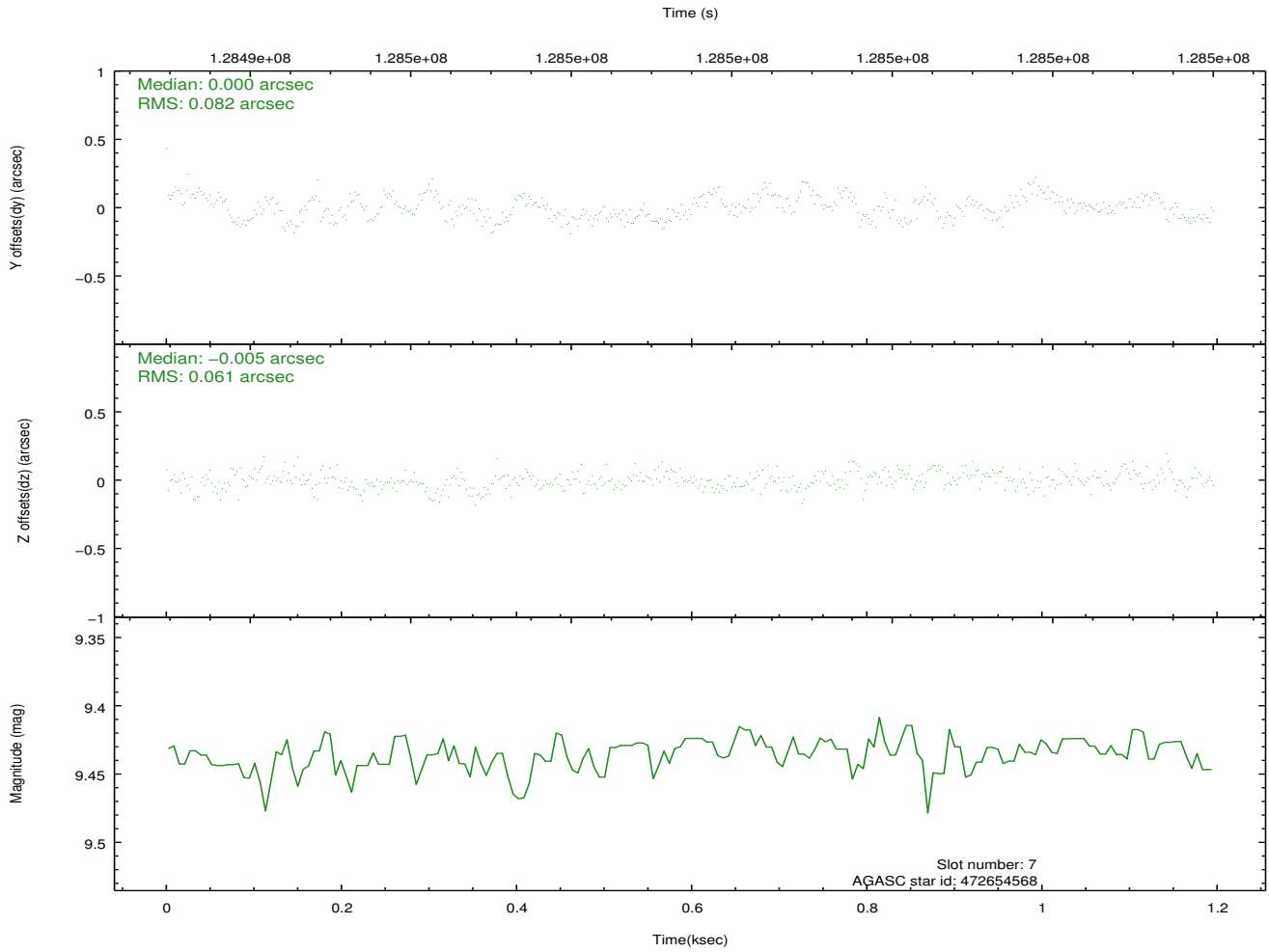
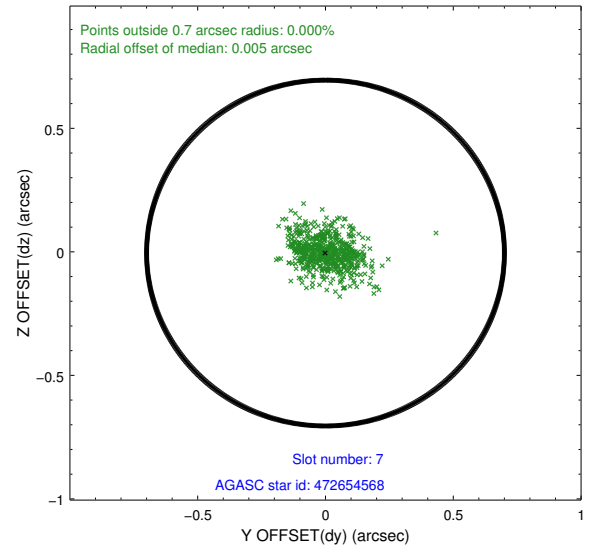
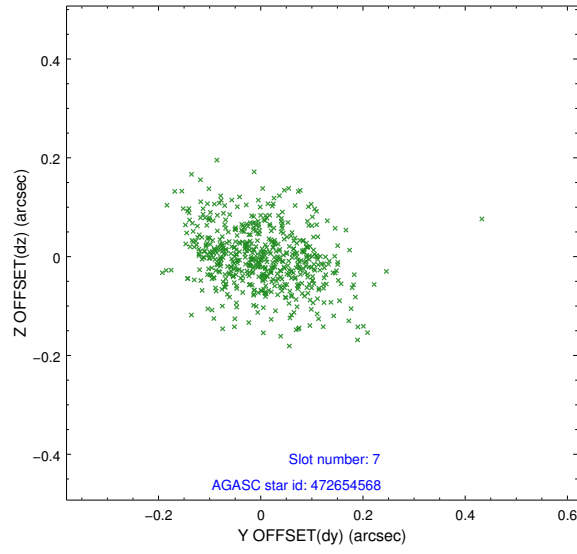
2.4.3 Slot 5



2.4.4 Slot 6

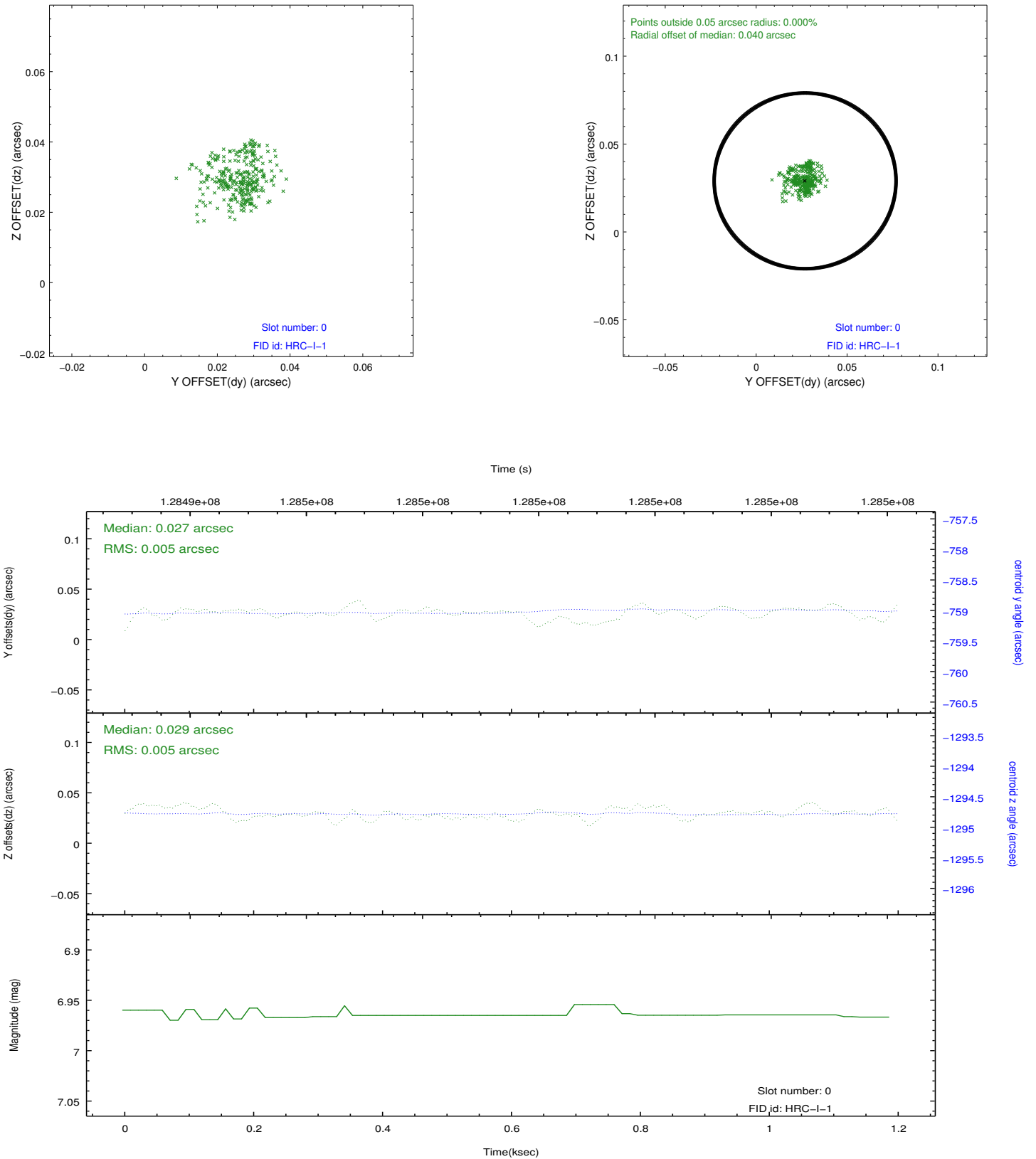


2.4.5 Slot 7

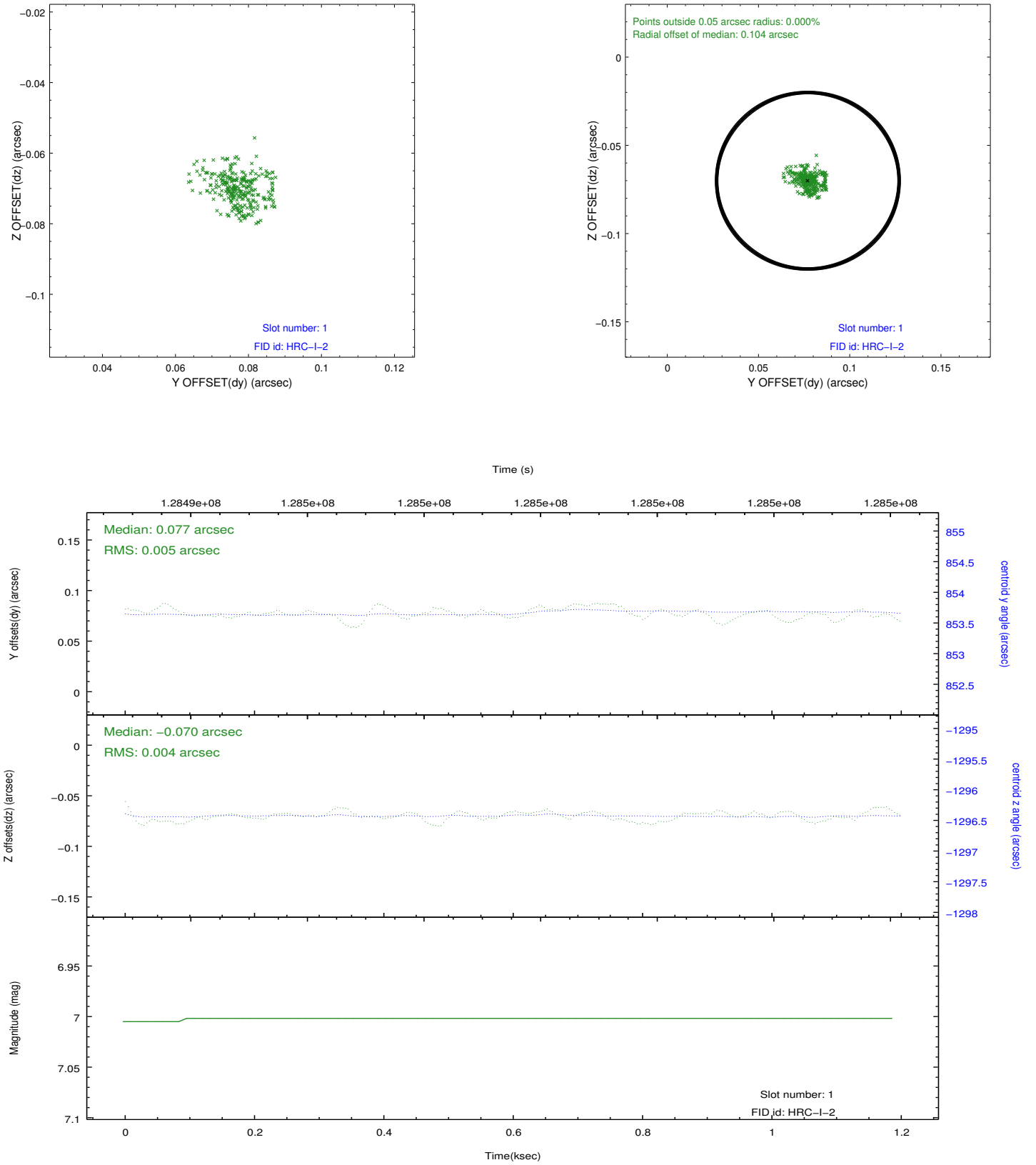


2.5 FID Slots

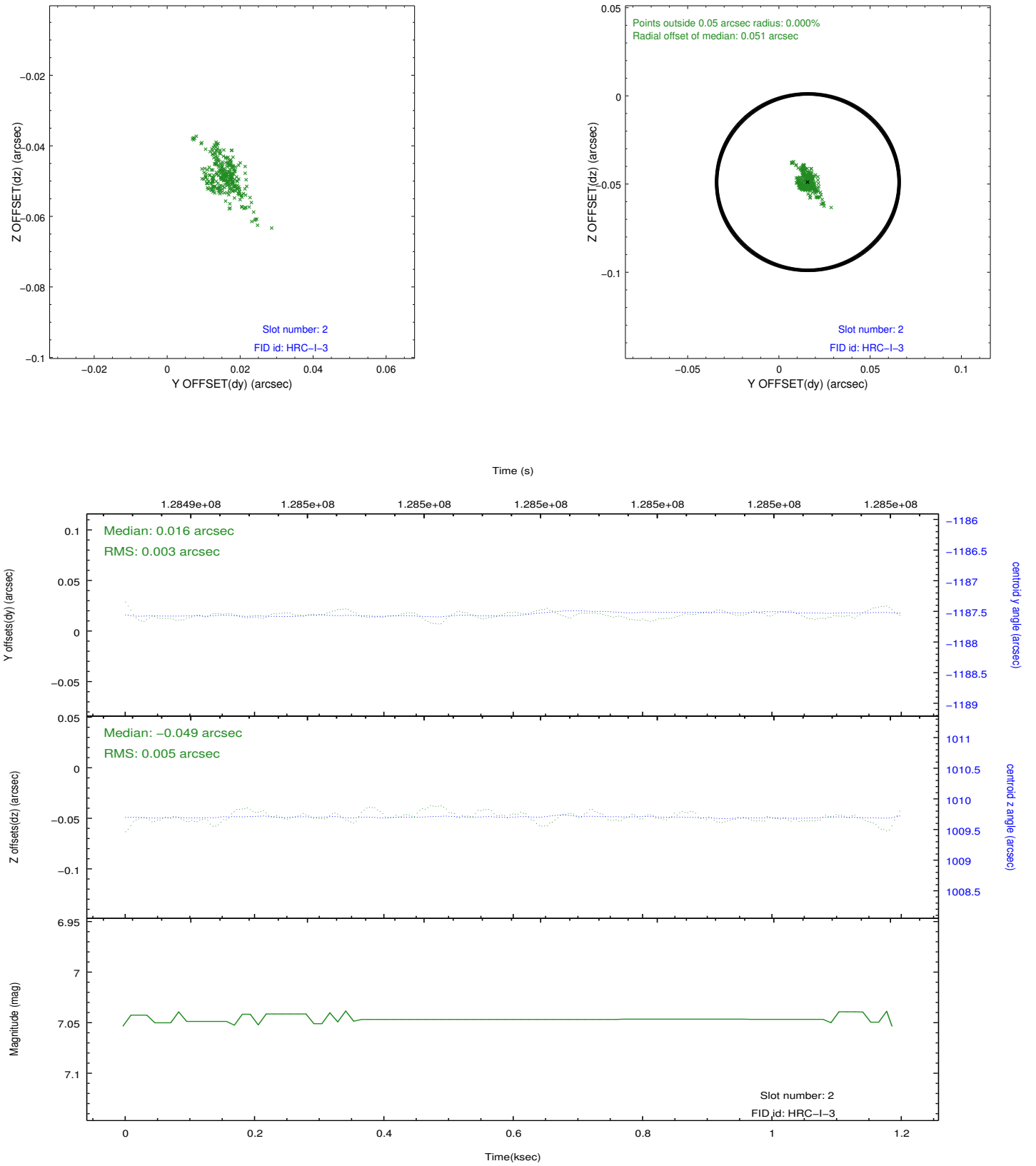
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.10.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.196

A.2 Comments