

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11053 - L2 Version 2
Chandra X-Ray Center

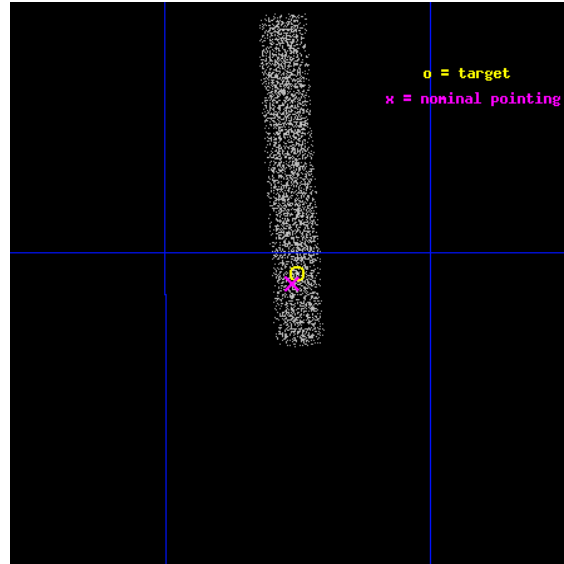
L2 Processing Date : Jun 29 2012

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1 Front

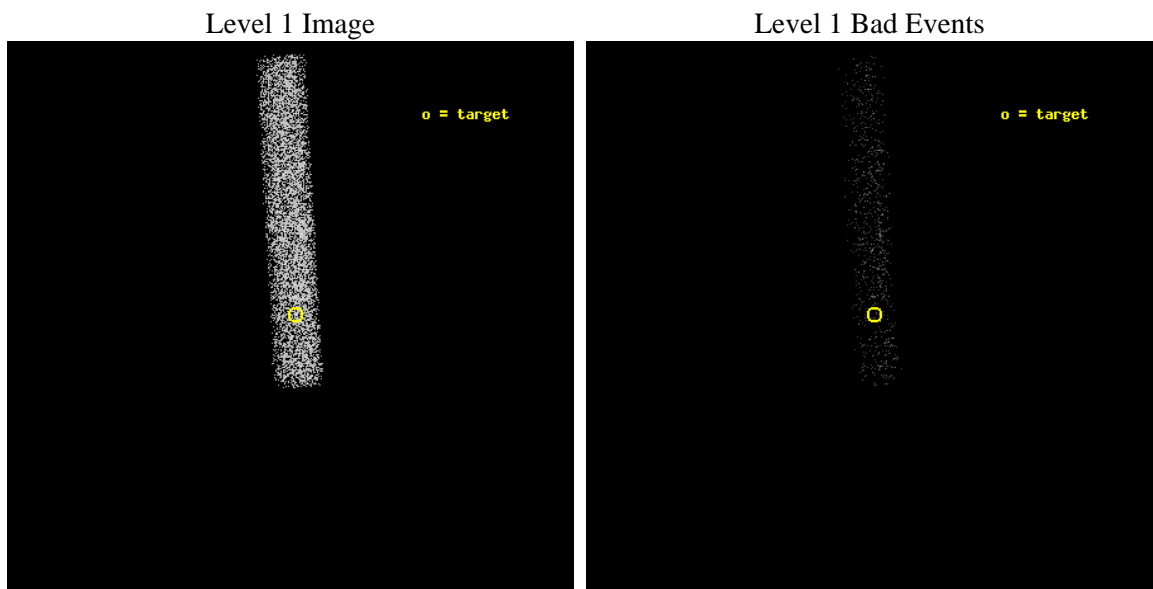
seq_num	401088	Sequence number
obs_id	11053	Observation id
title	Following a black hole candidate X-ray transient to quiescence	Pro
observer	dr Peter Jonker	Principal investigator
object	TOO_XTEJ1752-223	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	268.062917	Observer's specified target RA [deg]
dec_targ	-22.342333	Observer's specified target Dec [deg]
ra_nom	268.0653946587	Nominal RA [deg]
dec_nom	-22.34665559404	Nominal Dec [deg]
roll_nom	266.72381298754	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7009.5995821953	Sum of GTIs [s]
livetime	6357.336824048	Livetime [s]
ontime7	7009.5995821953	Sum of GTIs [s]
l2events	4520	Number of level 2 events



2 OBI

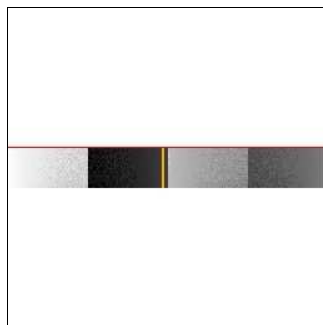
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	7000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	7009.5995821953	Sum of GTIs [s]
caldbver	4.5.0	 	ontime7	7009.5995821953	Sum of GTIs [s]
date	2012-06-30T00:26:45	Date and time of file creation	l1events	9243	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

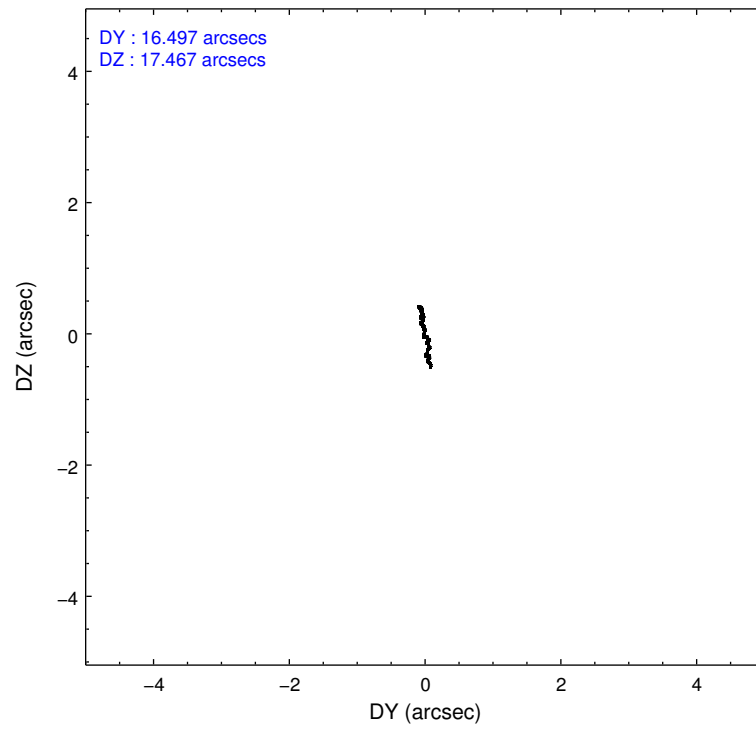
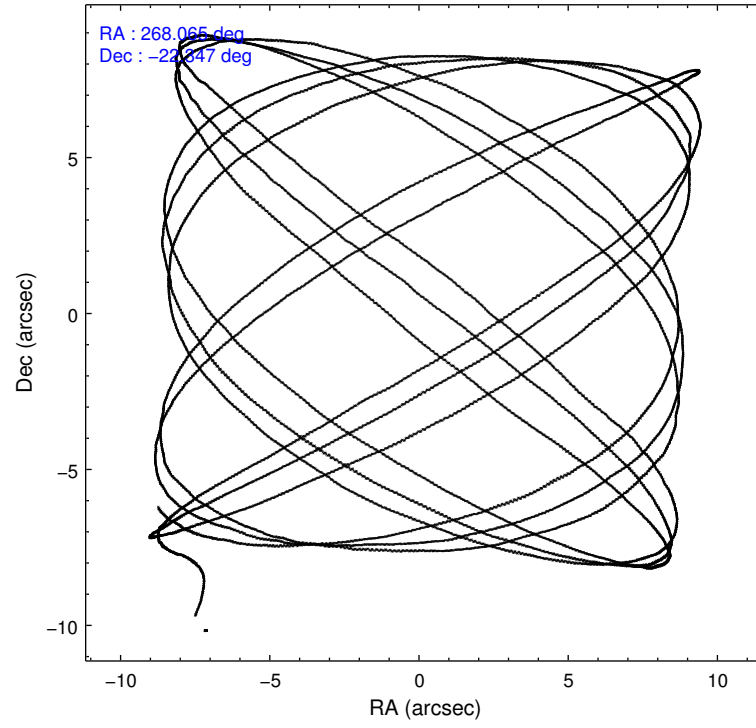
	ccd 7
level 1 events	9243
rejected events	4490
rejected %	48%

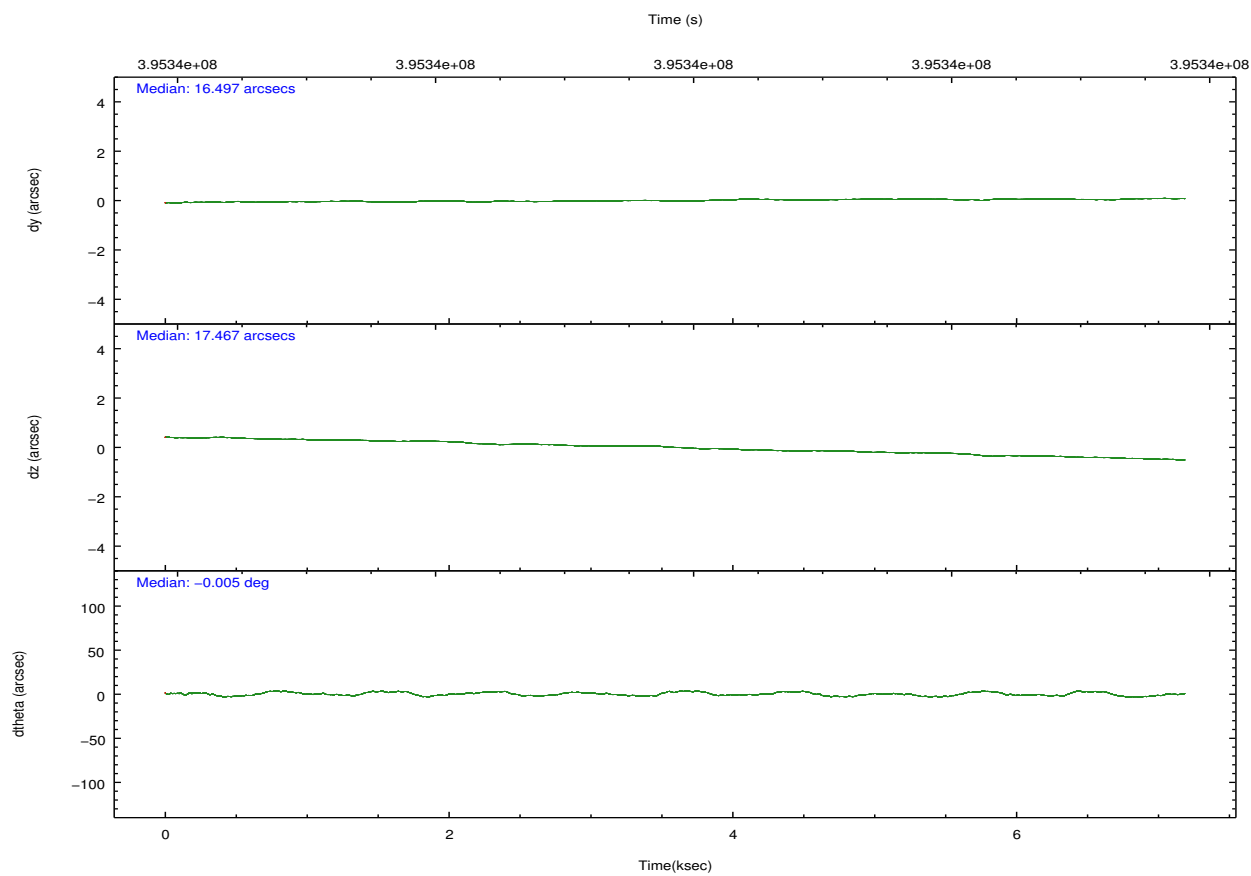
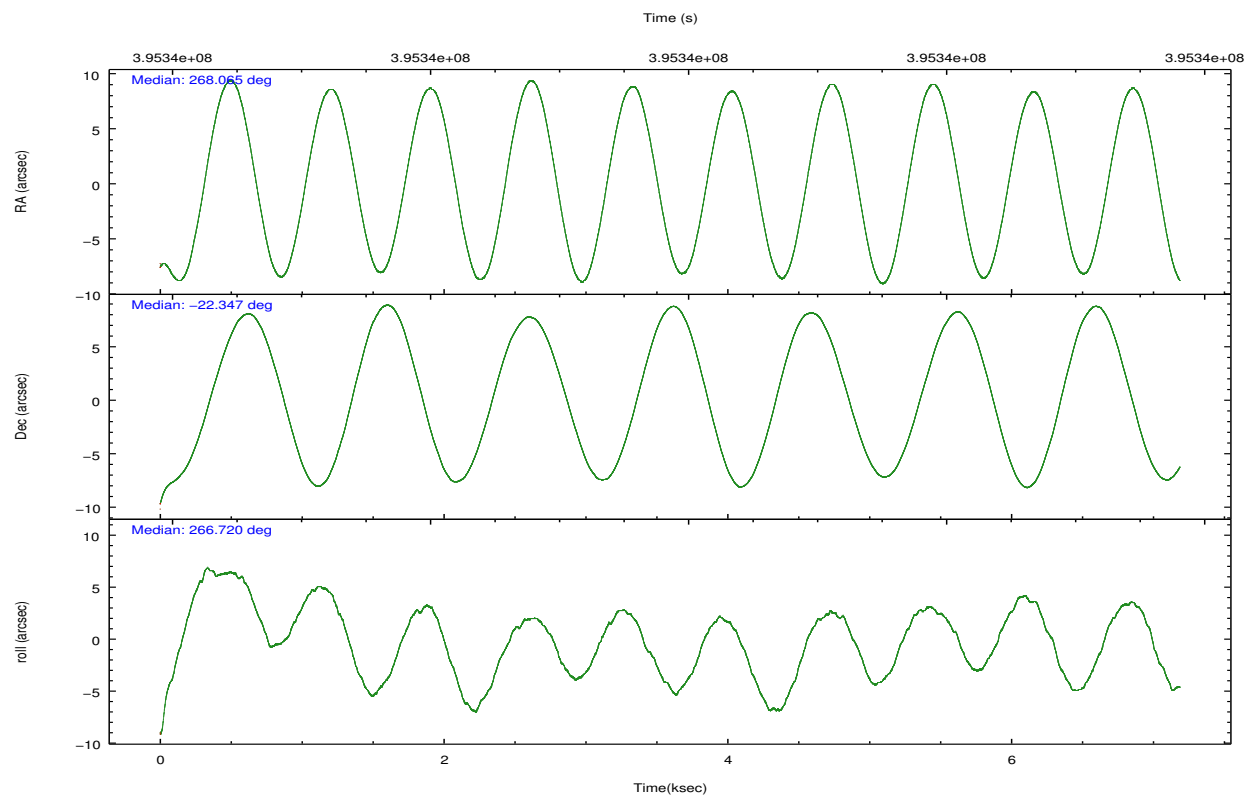
	ccd 7
grade 0 events	522
	5%
grade 1 events	7
	0%
grade 2 events	908
	9%
grade 3 events	648
	7%
grade 4 events	629
	6%
grade 5 events	905
	9%
grade 6 events	2046
	22%
grade 7 events	3578
	38%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	268.051760	268.0653946586997	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-22.322339	-22.34665559404031	Subarray start row	449	449
[deg] Pointing Roll	266.562011	266.7238129875362	Subarray row count	128	128
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.4
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	395336443.184000	395335229.99495			
Observation start date	2010-07-12T15:39:37	2010-07-12T15:20:29			
[s] Observation end time (MET)	395343443.184000	395344468.32042			
Observation end date	2010-07-12T17:36:17	2010-07-12T17:54:28			
Read mode	TIMED	TIMED			

2.3 Aspect



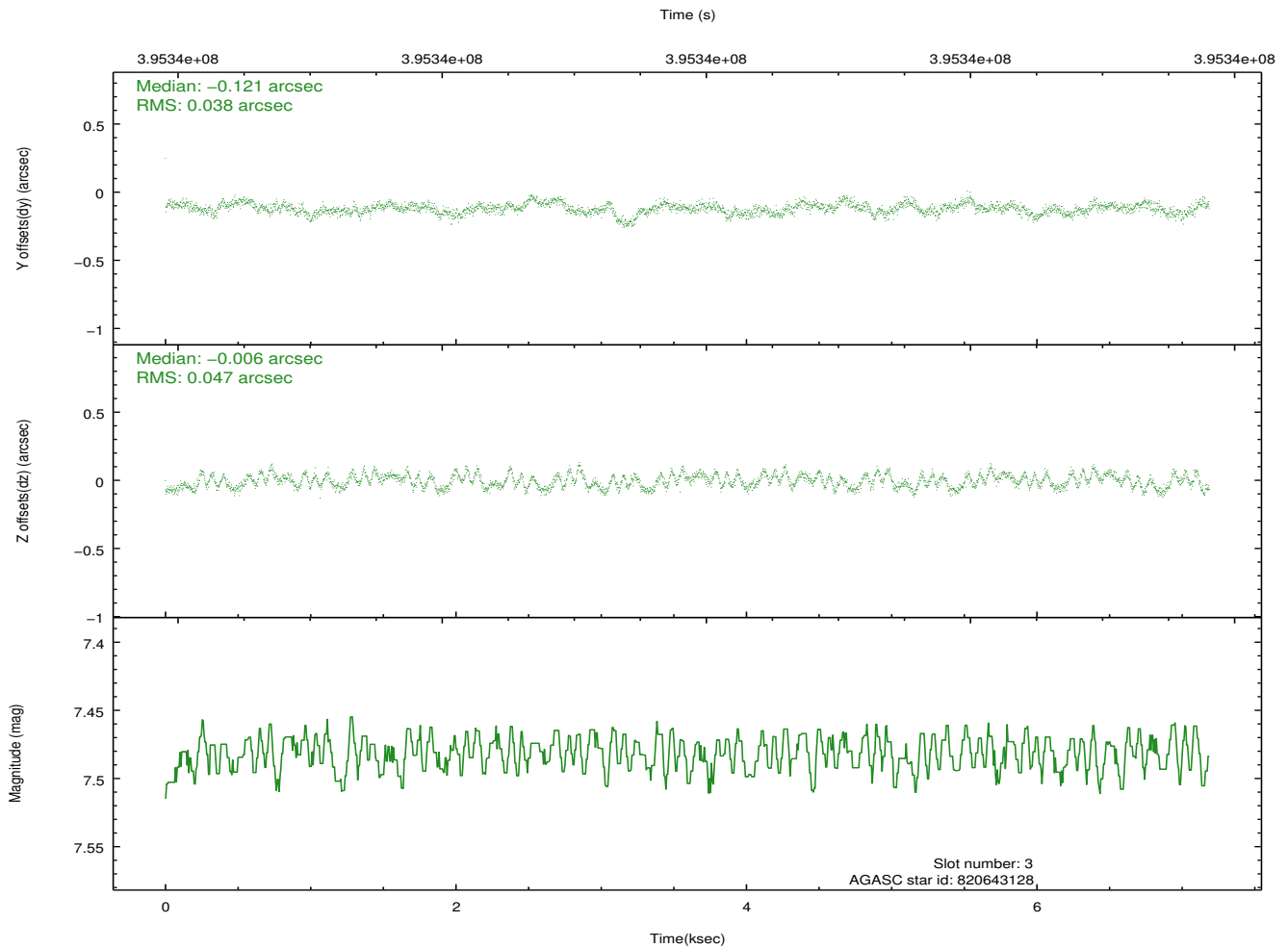
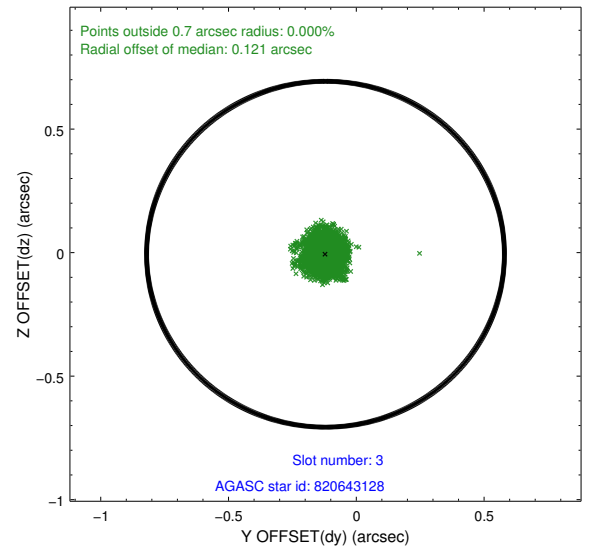
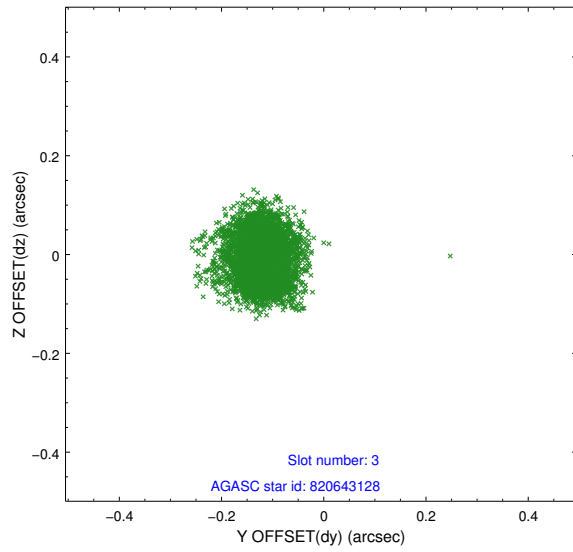


Slot Statistics

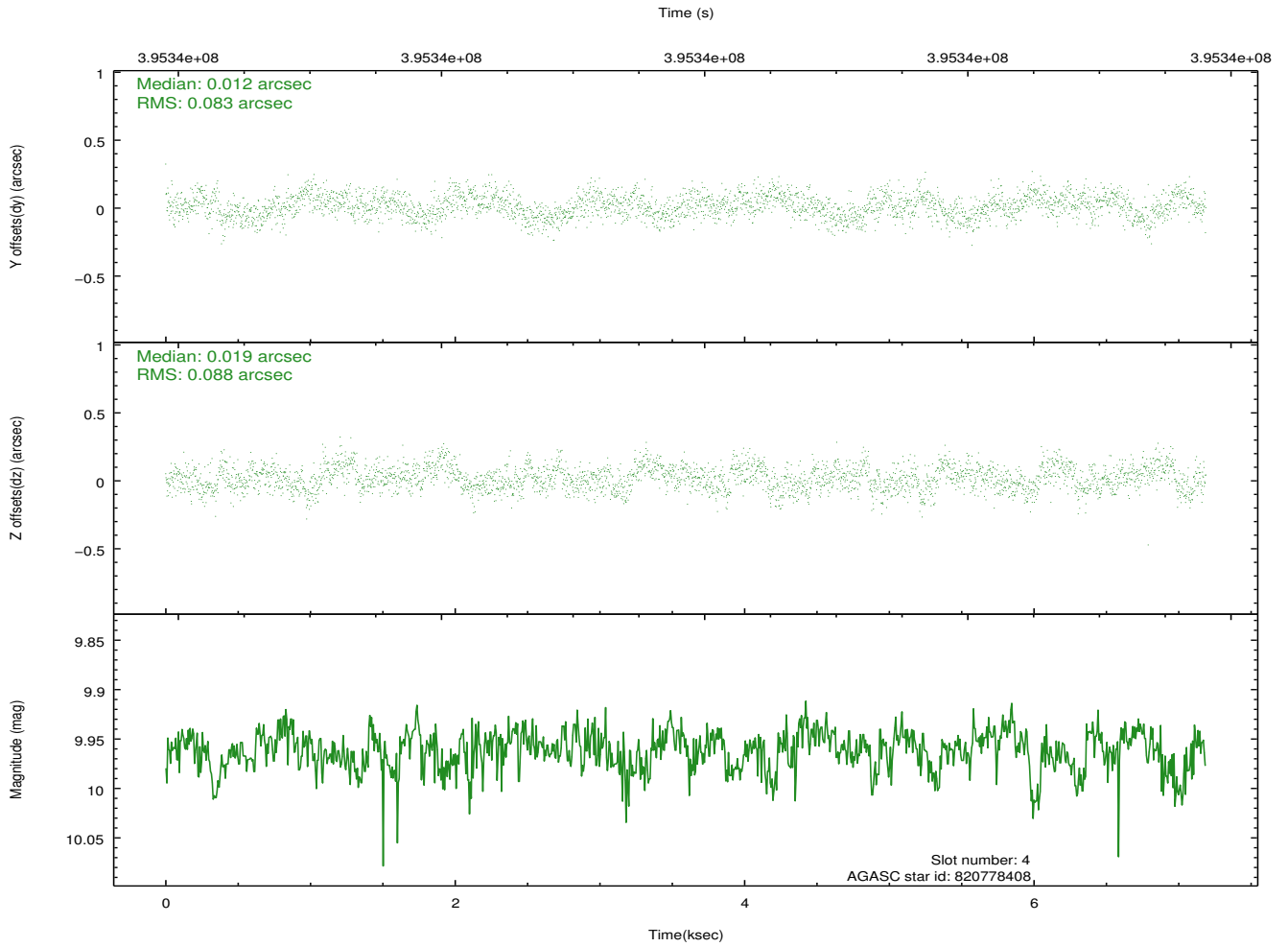
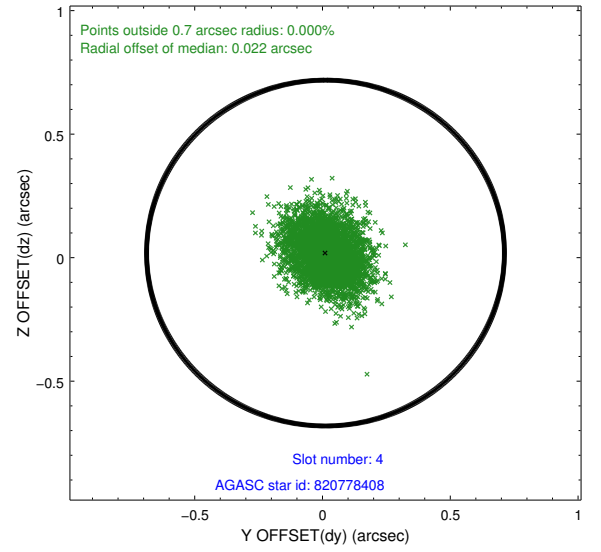
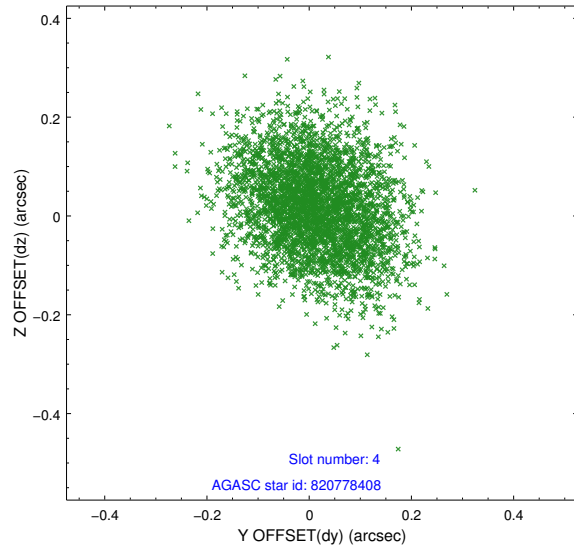
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	6.96	1754	0.116	-0.083	0.027	0.038	0.000000	0.000000	926.63	-1734.56
1	FID	ACIS-S-5	6.99	1753	-0.129	0.087	0.025	0.041	0.000000	0.000000	-1822.15	162.35
2	FID	ACIS-S-6	7.12	1754	-0.005	0.011	0.030	0.042	0.000000	0.000000	391.21	807.12
3	GUIDE	820643128	7.48	3507	-0.121	-0.006	0.066	0.100	267.699048	-21.791174	-1836.55	-1291.58
4	GUIDE	820778408	9.96	3499	0.012	0.019	0.130	0.210	268.149589	-21.939212	-1396.60	243.04
5	GUIDE	894967360	7.26	3506	-0.056	0.141	0.064	0.106	267.782247	-22.921004	2206.28	-761.75
6	GUIDE	896671704	7.86	3436	-0.224	-0.079	0.060	0.100	268.307622	-22.536738	720.85	895.43
7	GUIDE	896672784	9.25	3504	0.385	-0.074	0.096	0.154	268.139856	-22.666371	1219.59	366.76

2.4 Star Slots

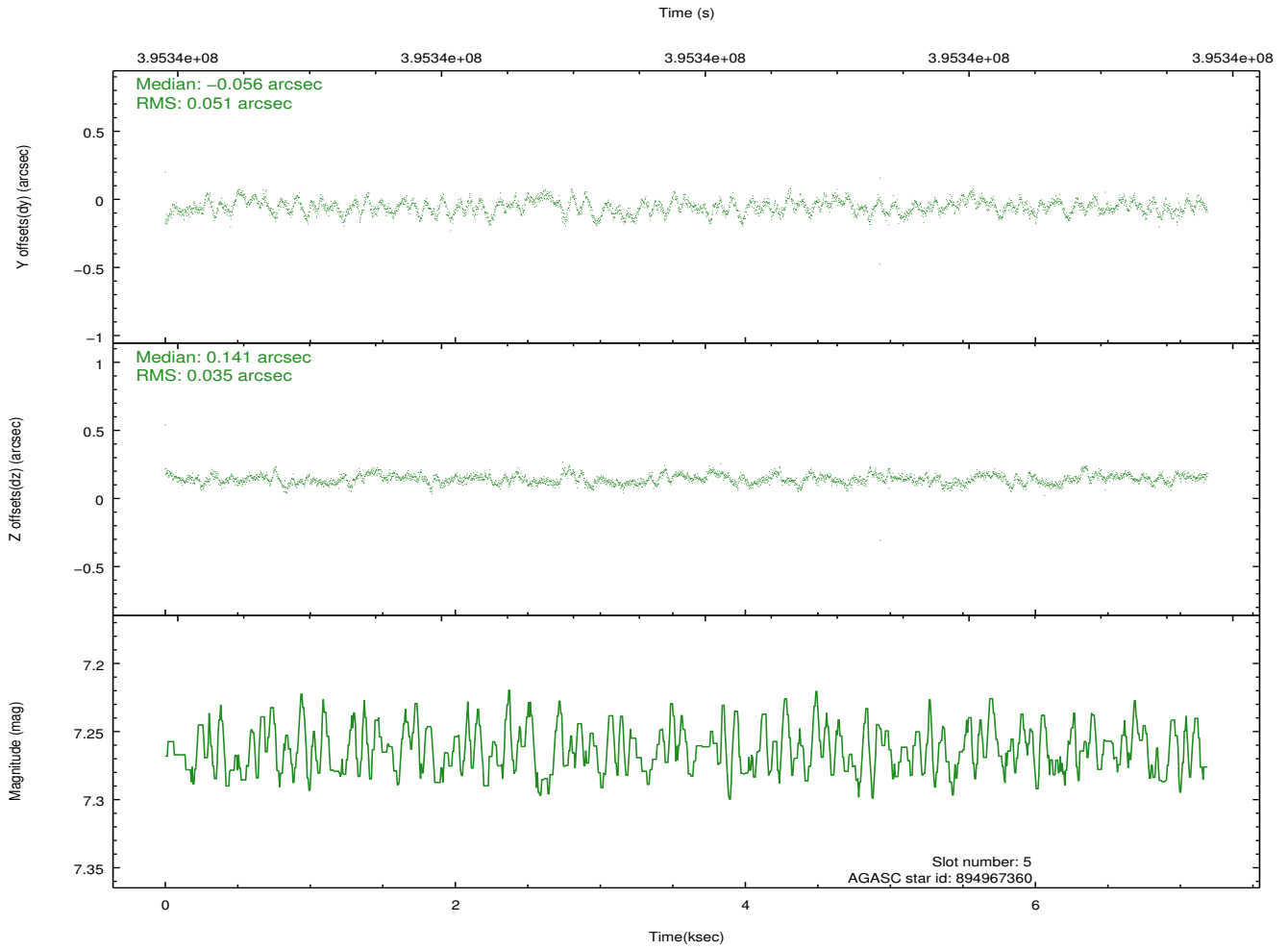
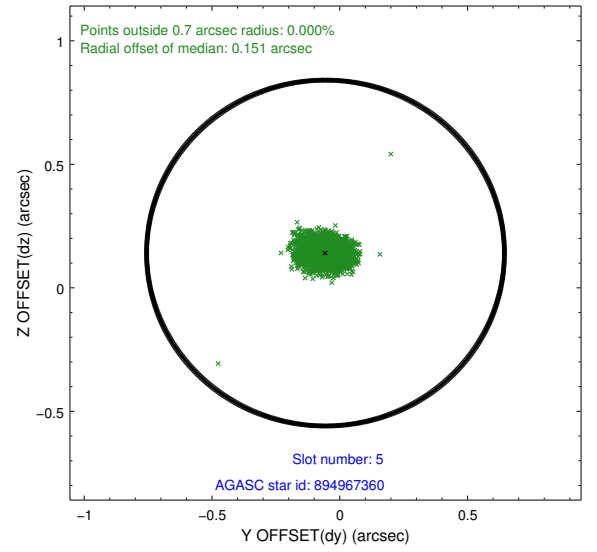
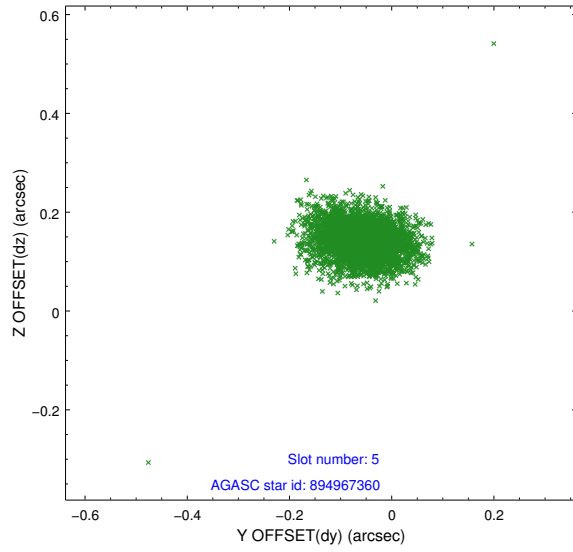
2.4.1 Slot 3



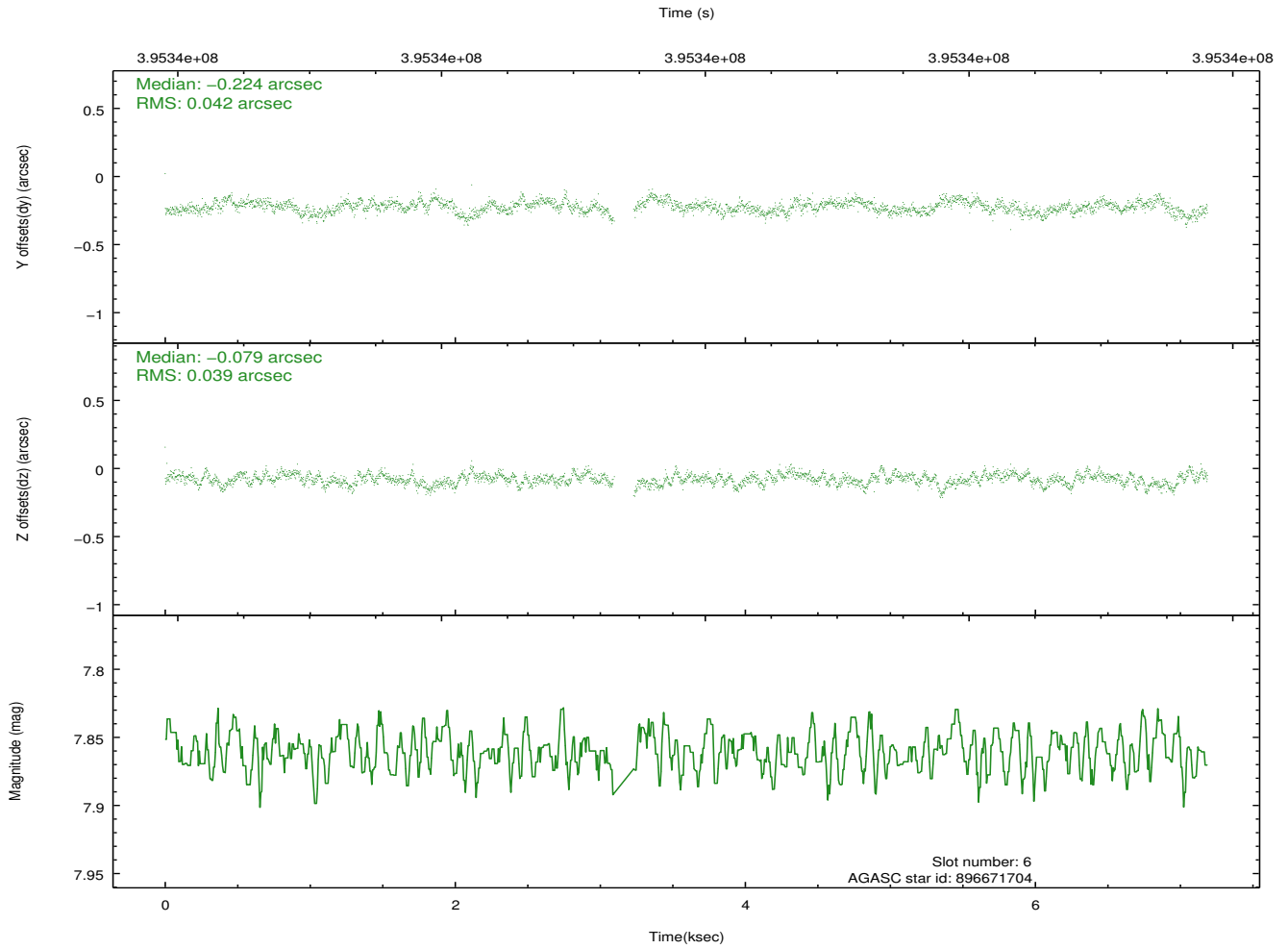
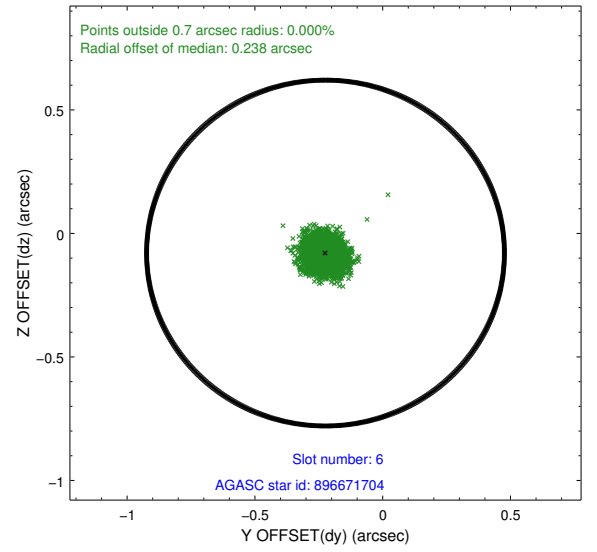
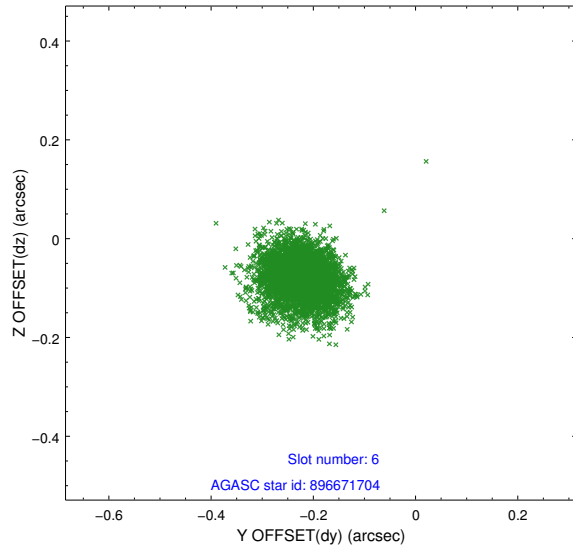
2.4.2 Slot 4



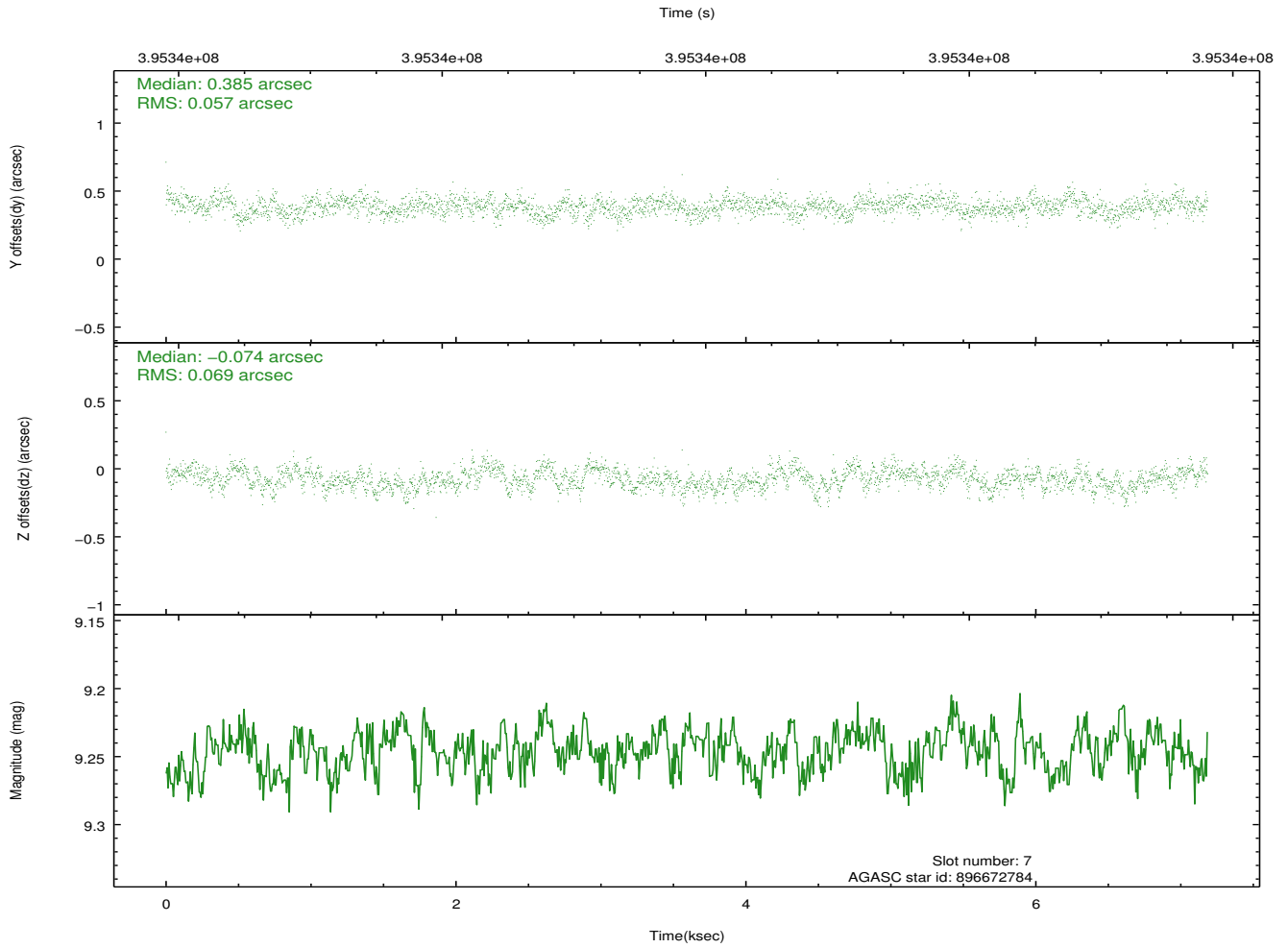
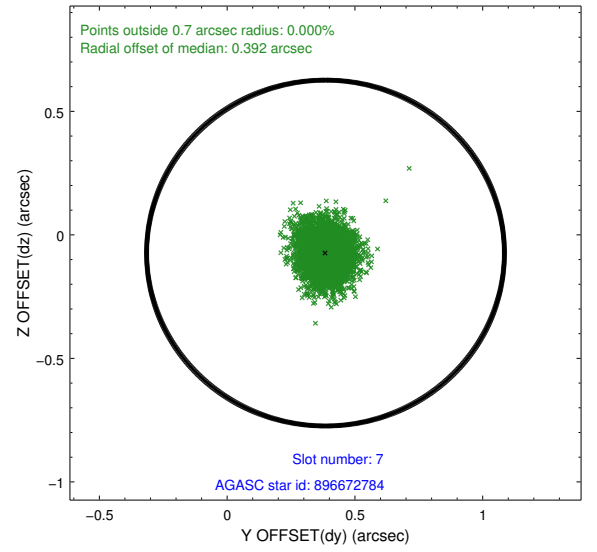
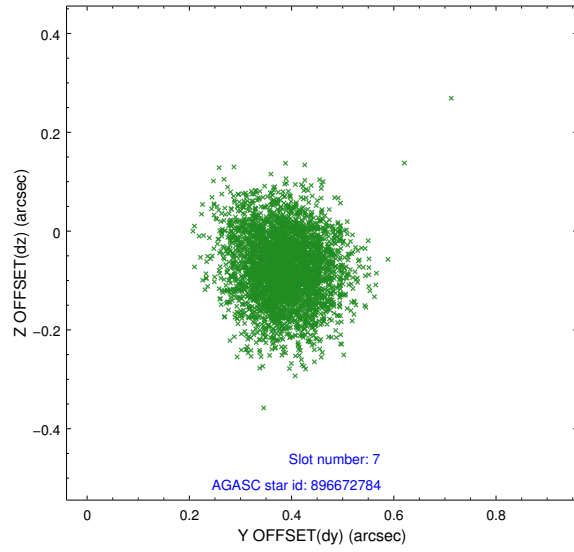
2.4.3 Slot 5



2.4.4 Slot 6

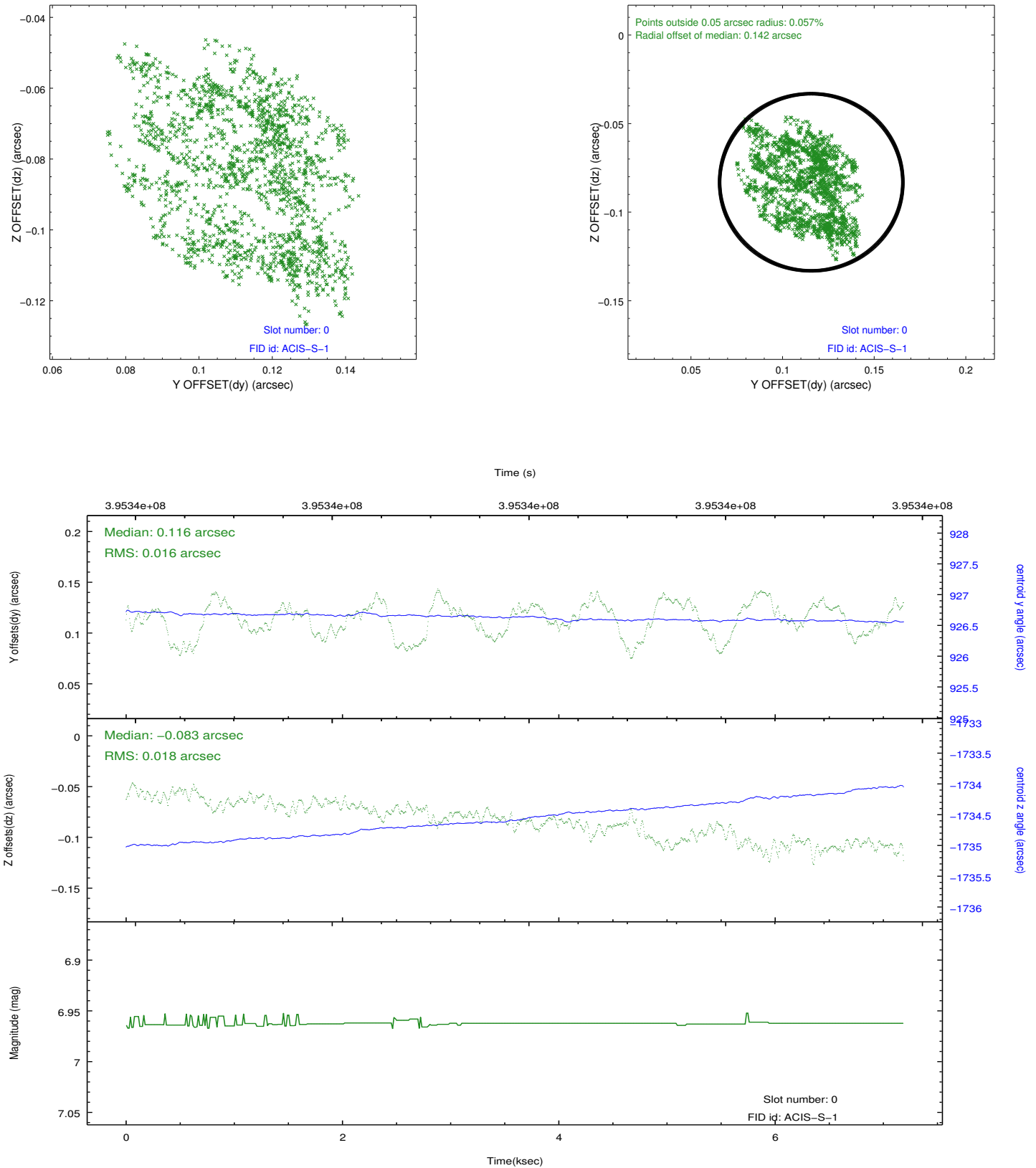


2.4.5 Slot 7

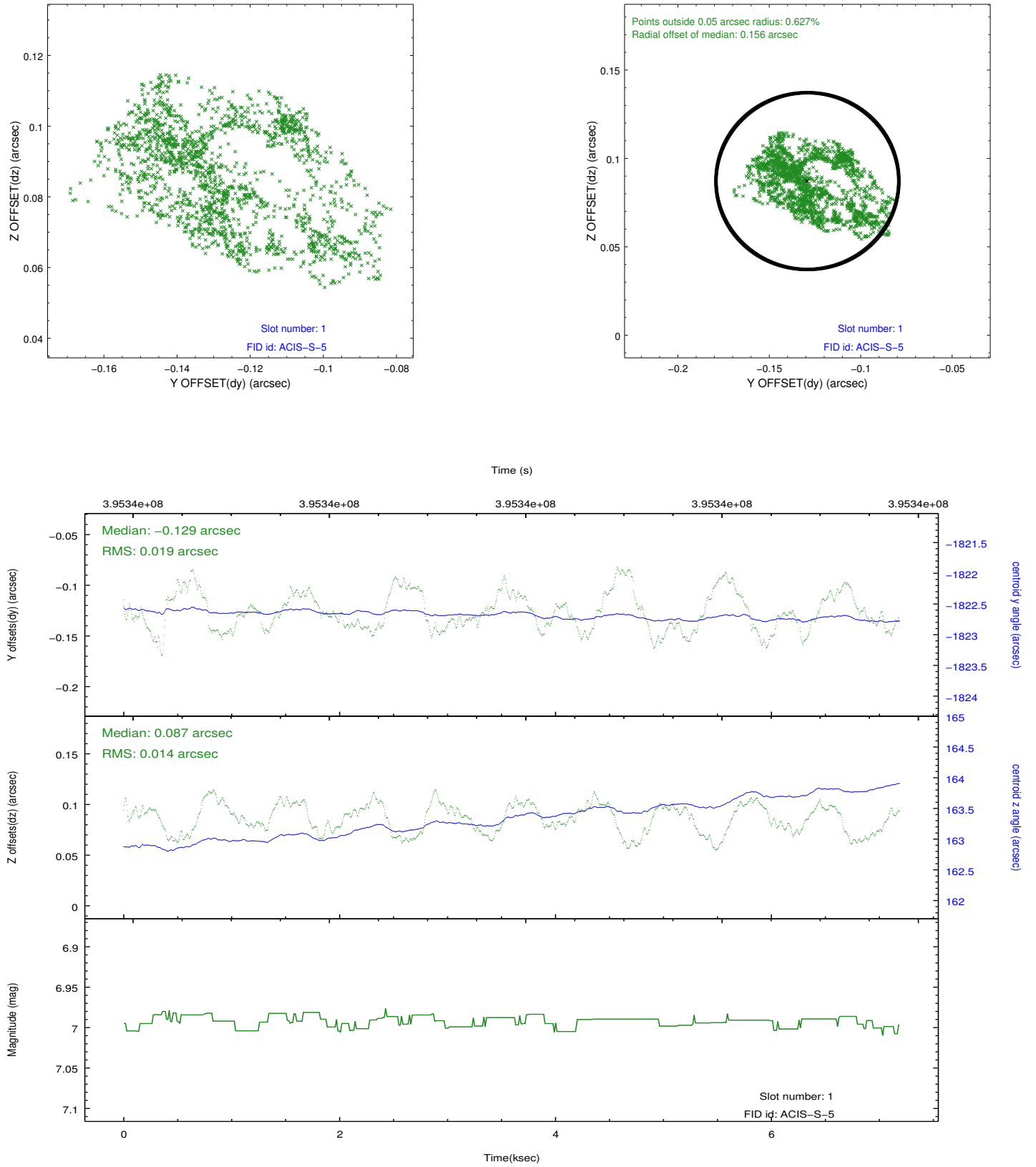


2.5 FID Slots

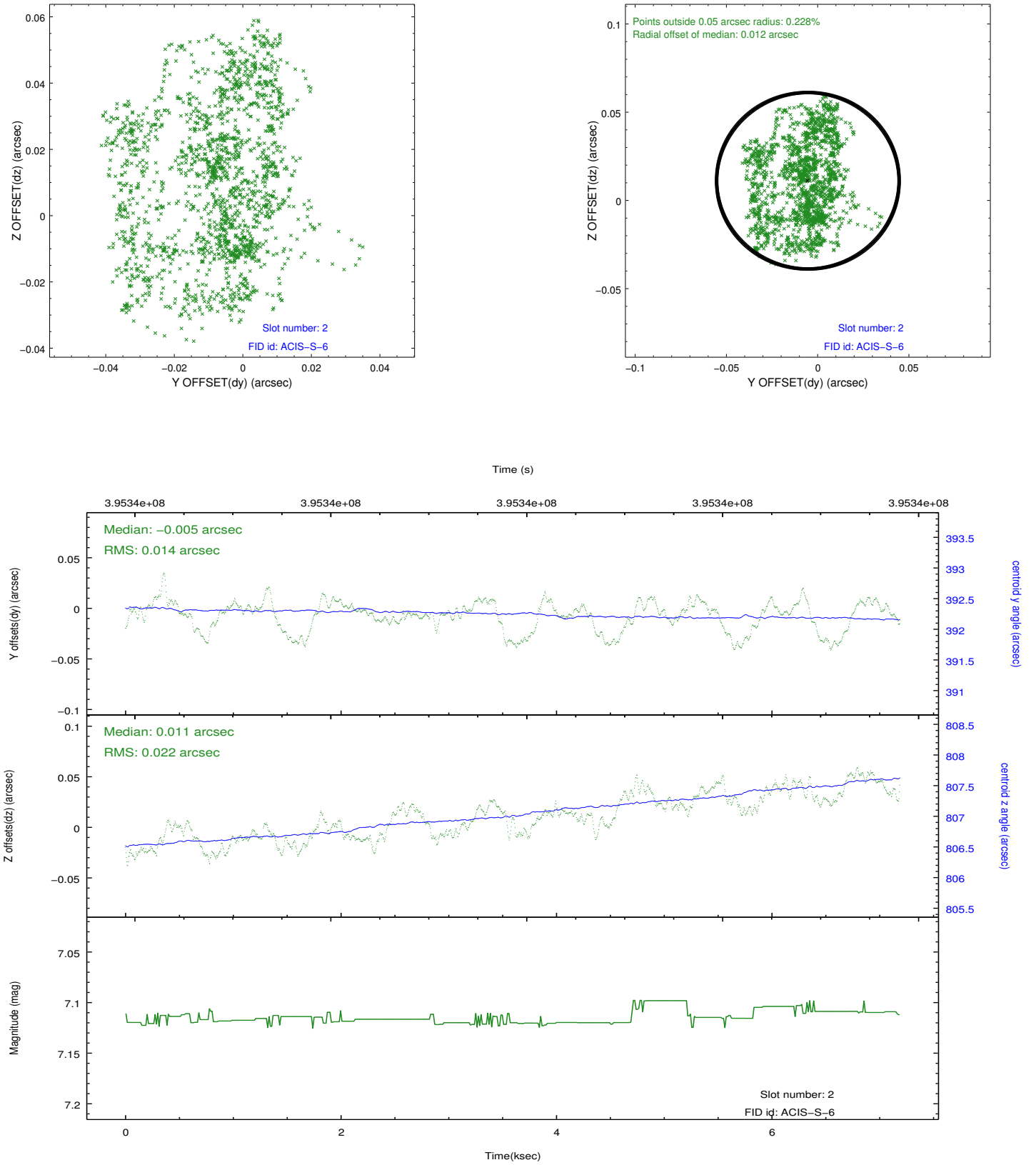
2.5.1 Slot 0



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)	2012.07.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.0095995821953

A.2 Comments

Joint Proposal: NRAO