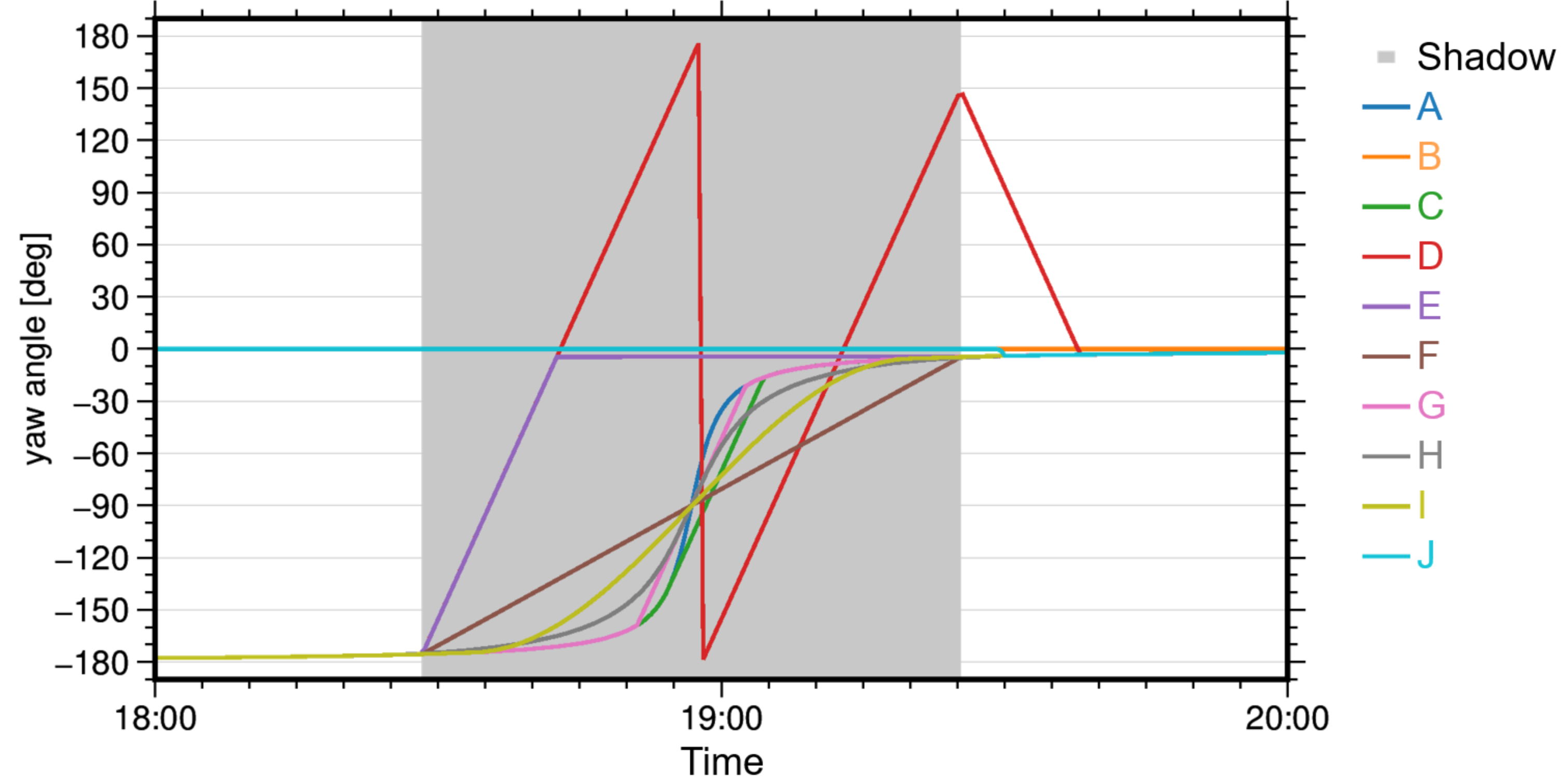


# Overview of known attitude modes

Satellite type	Default	Midnight	Noon	Ref.
GPS-II/IIA	A	D	C	[1]
GPS-IIR/IIR-M	A	C	C	[1]
GPS-IIF	A	F	C	[2]
GLO-M	A	E	G	[3]
GAL-1	A	H	H	[4]
GAL-2	A	I	I	[4]
BDS-2G/3G	B	B	B	[5, 6]
BDS-2I/2M*	A	J	J	[5]
BDS-3I/3M	A	I	I	[6]
QZS-1	A	J	J	[7]
QZS-2G	B	B	B	[7]
QZS-2I	A	G	G	[7]

\*Most BDS-2I/2M satellites have transitioned to BDS-3I/3M modes



Mode denotation (somewhat descriptive):

- A Nominal yaw-steering
- B Orbit normal
- C Catch-up yaw-steering
- D Shadow max yaw-steering and recovery
- E Shadow max yaw-steering and stop
- F Shadow constant yaw-steering
- G Centered max yaw-steering
- H Smoothed yaw-steering 1
- I Smoothed yaw-steering 2
- J Beta-dependent orbit normal