

# Speedup ratio, MCFX-6DoFConv (/bfour) vs SPARTA-6DoFConv (/bftrtmod)

## 3rd Order Ambisonics

## 5th Order Ambisonics

## 7th Order Ambisonics

Host Buffer Size

1024

256

64

0.1

0.2

0.5

1.0

2.0

5.0

10.0

IR Length (s)

0.1

0.2

0.5

1.0

2.0

5.0

10.0

IR Length (s)

0.1

0.2

0.5

1.0

2.0

5.0

10.0

IR Length (s)

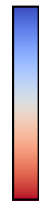
Real-time division line (real-time to the left, non-real-time to the right)



Modified SPARTA 6DoFConv



Our Plugin



20

10

0

Speedup