3rd Order Ambisonics

1024 - 24.3 18.8 11.3 6.8 3.6 1.5 0.7

IR Length (s)

Host Buffer Size

Latency

* Non-zero Audio

(512-HostBufferSize)

0.4

Real-time ratio of SPARTA-6DoFConv (**original**)

- <u>9</u>.9 6.8 3.2

- 12.5 9.2 5.2 3.0 **1.6** 0.7

5th Order Ambisonics

IR Length (s)

1.8 0.9 0.4 0.2

 $-8.8^{*} 6.2^{*} 3.0^{*} 1.8^{*} 0.9^{*} 0.4^{*} 0.2^{*} -5.2^{*} 3.6^{*}$

7th Order Ambisonics

IR Length (s)