Speedup ratio, MCFX-6DoFConv (**our**) vs SPARTA-6DoFConv (**rtmod**)

3rd Order Ambisonics

Host Buffer Size	0.1	0.2	0.5	1.0	2.0	5.0	10.0
1024	1.5	1.7	2.1	2.2	1.9	1.1	0.6
256	2.4	3.4	5.3	6.3	6.0	4.0	2.0
64	4.1	6.1	10.2	12.7	15.3	13.0	4.0

5th Order Ambisonics

Host Buffer Size	0.1	0.2	0.5	1.0	2.0	5.0	10.0
1024	1.4	1.7	2.1	2.0	1.7	1.0	0.7
256	2.7	3.7	5.6	6.0	5.4	3.5	2.0
64	4.7	7.5	12.5	21.0	21.7	6.0	2.0

7th Order Ambisonics

Host Buffer Size	0.1	0.2	0.5	1.0	2.0	5.0	10.0
1024	1.3	1.5	1.8	1.8	1.6	1.0	0.5
256	2.5	3.6	4.9	6.2	4.5	4.0	1.0
64	5.6	8.9	13.4	23.7	11.7	3.0	1.0

IR Length (s)

Speedup

Real-time division line (real-time to the left, non-real-time to the right)
— Modified SPARTA 6DoFConv   - - - Our Plugin