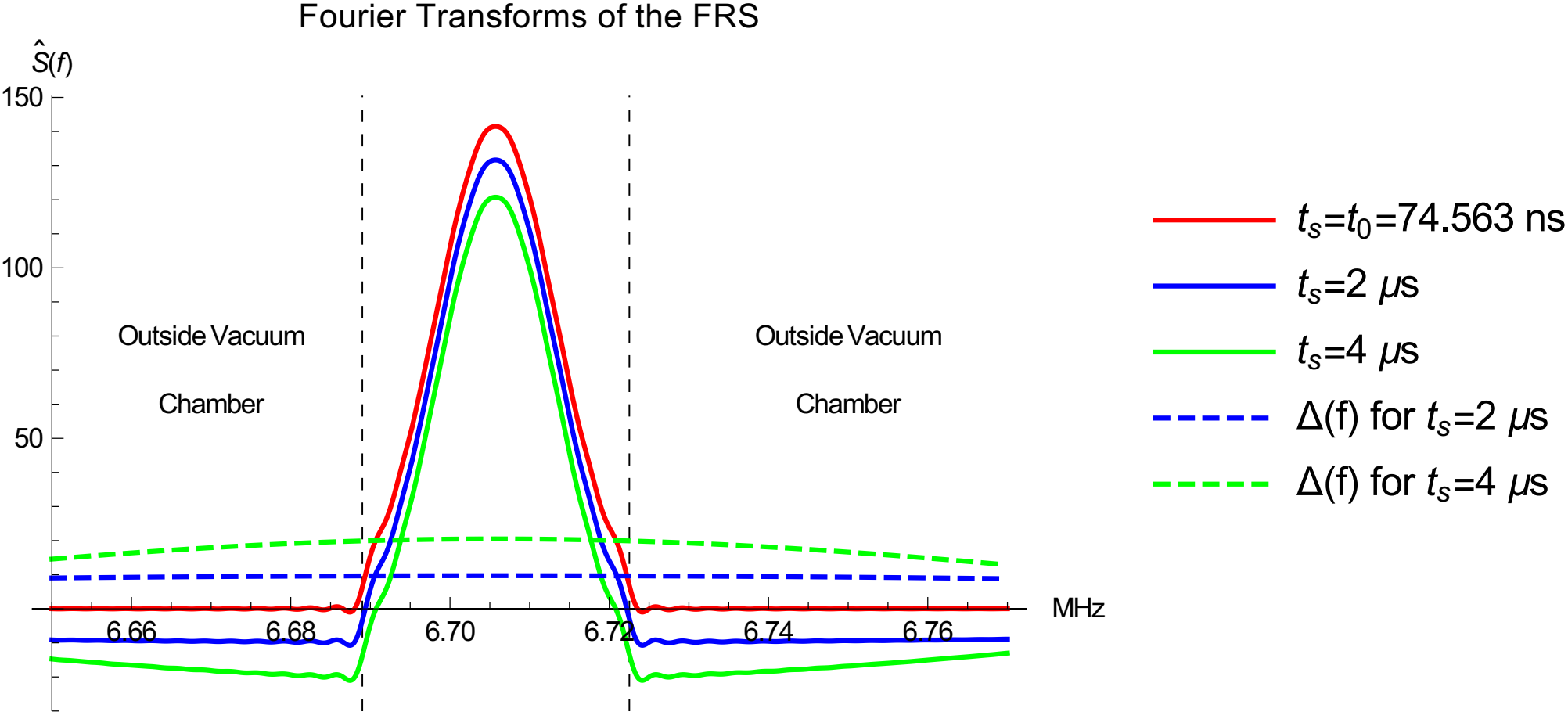

Fourier Transforms of the FRS
$\hat{S}(f)$
150
100
50
Outside Vacuum Chamber
Outside Vacuum Chamber
6.66
6.68
6.70
6.72
6.74
6.76
MHz
$t_s=t_0=74.563$ ns
$t_s=2$ μs
$t_s=4$ μs
Δ(f) for $t_s=2$ μs
Δ(f) for $t_s=4$ μs