Nowadays, existing methods to compare the performance of MIMO devices are very cumbersome and tedious. We propose a decomposition method to speed up the measurement time for multiple antennas.

We split the overall transmission scenario into two measurements, algorithmic and antenna. With this method we take the measurement results from different scenarios and combine them. Our results show that there is a deviation in the overall and the decomposition method but a speedup of the measurement time. However, this deviation can be compensated by a constant factor.