## 1 Included Reference A famous paper from the early 2000s pointed out how the use of multiple anten-

nas at the transmitter and at the receiver was the key to achieving data rates in the order of 1 Gb/s [1].

References

[1] A. Paulraj, D. A. Gore, R. U. Nabar, and H. Bolcskei, "An overview of

MIMO communications - A key to gigabit wireless," Proceedings of the

*IEEE*, vol. 92, no. 2, pp. 198–218, 2004.