Appendix: noise

Riccardo Miccini¹ Eren Can ¹

¹Technical University of Denmark Digital Communication

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Characterization of noise in systems

Noise Figure of a System

Noise Temperature

Free Space Propagation Example

- As a final work for the noise calculation, we will investigate the "free-space electromagnetic-wave propagation channel.
- To understand it fully on a practical example, we will investigate the communication tie between a synchronous-orbit relay satellite and a low-orbit satellite.