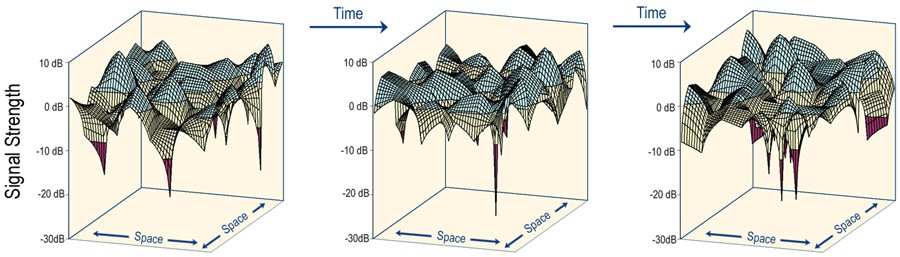
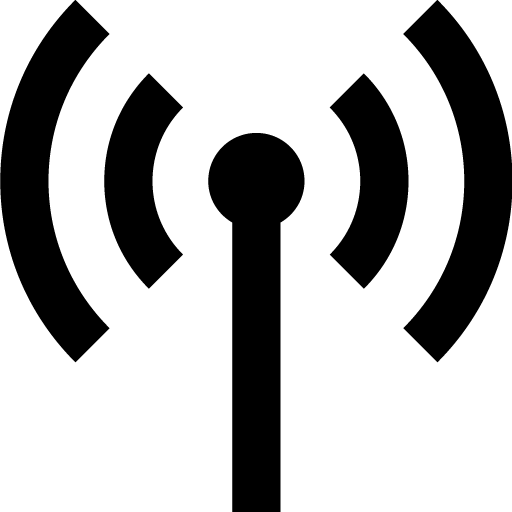
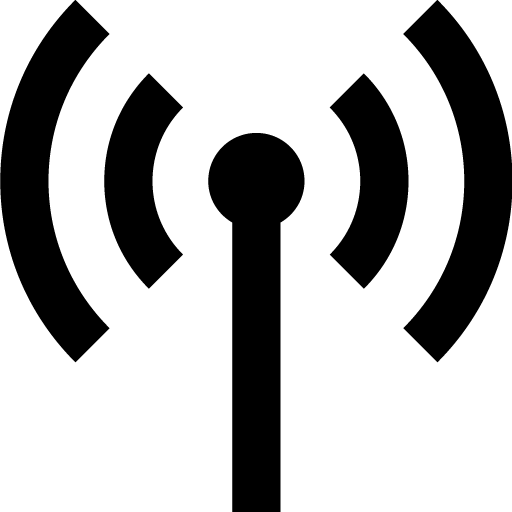
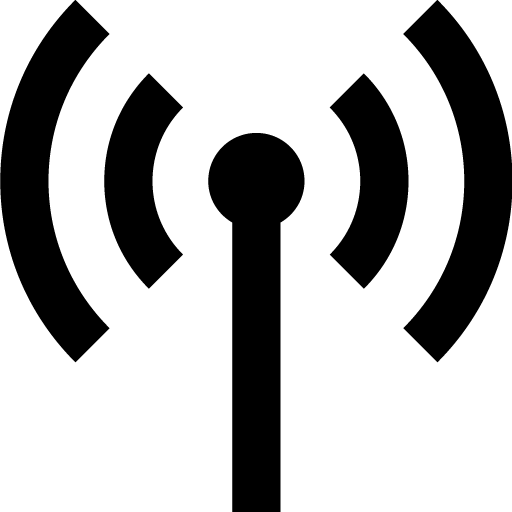
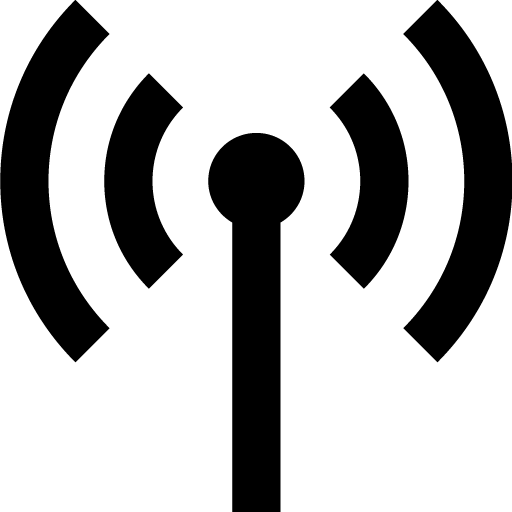
Investigaing ultra reliable connections (URC).



The 5G systems must include support for less common equipment. Epically the industrial settings and massive data collection. This could be a wireless controlled robot, witch would need low latency and ultra high reliability . Smart meters witch would require the ability to support a lot of users and support low signal strength because it would need to conserve it’s battery, (low receiver gain)

equipment

Diversity is a method to protect against deep fades -> we want to see if this is the case for very high fades. Channel receiver

*  

**Equipment and setup**

**Wireless channel and practical limitaions**

**Equipment and setup**

**Wireless channel and practical limitaions**

Noise floor

Signal power

Dynamic ragne

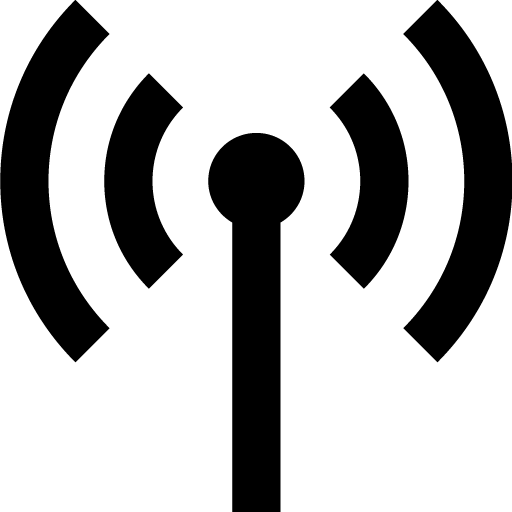
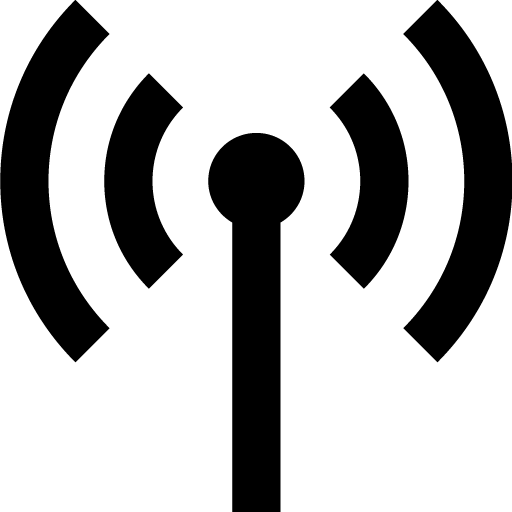
Measurement time

Bandwidth(Hz)

Number of samples(N)

Space(2D/3D)

Outage probability (PDF)

* 

**Equipment and setup**

**Wireless channel and practical limitaions**