

## Centre for Metamaterial Research and Innovation



## Designing Metasurfaces to Manipulate Antenna Radiation

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https://arxiv.org/abs/2011.13274



Centre for Metamaterial Research and Innovation

EPSRC Centre for Doctoral Training in Meramaterials



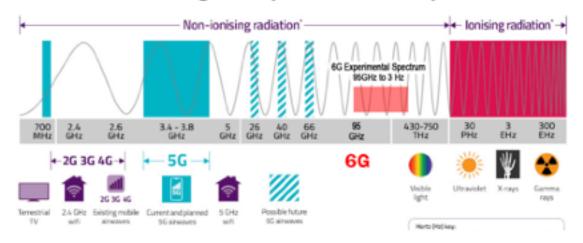
www.metamaterials.center

## Increasing Demands on Antenna Systems

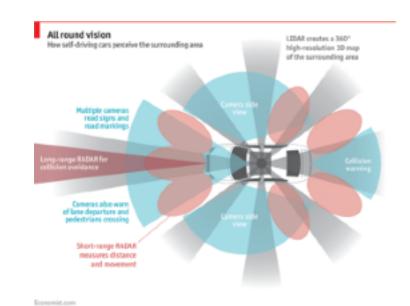




## **Electromagnetic Spectrum and 6G Spectrum**



https://www.youtube.com/watch?v=fCLI6kxFFTE



- https://studentwork.prattsi.org/infovis/visualization/evolution-of-mobile-phone/
- https://www.miwv.com/what-is-6g/
- https://www.economist.com/graphic-detail/2018/03/02/self-driving-cars-need-plenty-of-eyes-on-the-road