## Future technologies for military applications

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## Metamaterials created with the use of Low Temperature Co-fired Ceramics (LTCC)

✓ LTCC based tailored-made metamaterials for radar frequencies



- ✓ suitable for active self-defense systems
- multilayer structure allows for selective bending or reflecting of waves
- reduction in monostatic radar cross section induced by plasma
- shifting the object position seen on radar in relation to its true position
- the combination of plasma and metamaterials may allow for new robust self-defense systems



## Want to know how to disappear from radar detection? Contact us!

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