

5G antennas integrated with the environment

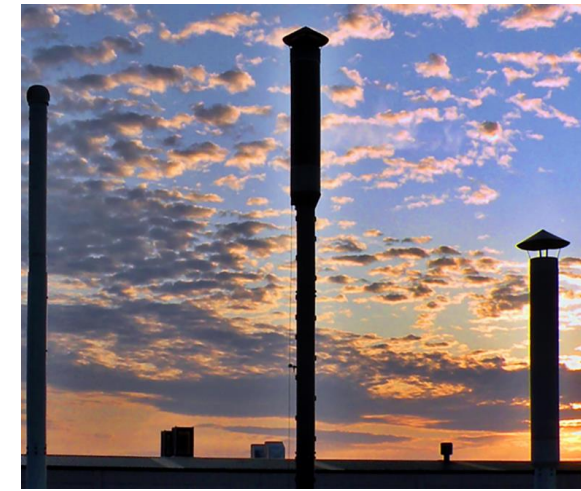
Objective: design and manufacture a next-generation trisector passive antenna for 3.5GHz deployment band and electrically variable tilt for urban 5G deployments that require low visual impact..

Description: Antennas integrated with the environment will play a key role in new 5G deployments in the 3.5Ghz band. Municipalities are looking for new deployment rules that are compatible with the urban environment; antennas that pretend to be chimneys, streetlights or urban furniture will gradually replace traditional panels to achieve a city with a more according aesthetic.

The 5G Pilot in Galicia bets on this antenna format and will develop and test a mimicked 5G 8T8R antenna module that can be attached to existing 3G and 4G chimney-shaped antennas.



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