

Description of Additional Supplementary Files

Supplementary Movie 1: Single polarized morphogenetic metasurface. Procedural generation of a singlepolarized morphogenetic metasurface.

Supplementary Movie 2: Dual polarized morphogenetic metasurface. Procedural generation of a dual circularly polarized in two different directions.

Supplementary Movie 3: Hologram measurement. Representation of the electric field measured at 20.2 GHz, revealing the direction of rotation of the polarization of distributions forming the letters L and R.