

Abstracts

Flexible beamformer and remoting head for optically controlled phased array antennas

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A unique photonic beamformer and remoting head for array antennas in broadcast mode wireless communication is proposed enabling for the first time, flexible antenna array upgrades via software and flexible front-head attachments leading to user defined changes in number of antenna elements and carrier frequency. Initial experimental results are described.

[Return to main document.](#)