

Title: Outdoor base station to indoor enhancement

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Based on the simulated channels, we apply the proposed framework to enhance the indoor coverage for slightly-shadowed and heavily-shadowed cases, respectively. The main outcome ...

We take the programmable metasurface as the core to assist a millimeter-wave base station and validate its good performance for wireless communications in a realistic ...

AT& T Managed In-Building Solution provides you with flexible options to install and manage new in-building Base Transceiver Station (BTS)-enabled Distributed Antenna Solution (DAS) site ...

SOLiD designs and delivers reliable connectivity solutions for the most challenging indoor and outdoor venues worldwide. To learn more about our unmatched mobile coverage ...

To gain insight into outdoor-to-indoor millimeter-wave at 28GHz, we conducted an extensive measurement campaign consisting of over 2,200 link measurements in West Harlem, New ...

Krasniqi et al. introduced a heuristic algorithm designed to optimize energy efficiency (EE) while maximizing spectral efficiency (SE) for mobile users connected to the ...

The overview of the accuracy and viability of models of propagation for outdoor as well as indoor environments in LOS and NLOS is reviewed in Section 5, while Section 6 ...

Relays extend the outdoor and indoor network coverage of a serving macro cell without requiring additional wired backhaul, and they act as an intermediate node between the base station and ...

The chipless RFID sensors are built into the wall thick-ness with two outdoor and indoor antennas that can transit the signal from O2I space and converge the dispersed received signals by the ...

Due to the substantial path loss inherent to millimeter-wave (mmWave) frequencies, the signal sent by the outdoor base station is seriously attenuated when it ...



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