

Outdoor base station specification parameter design

What are base station active antenna system standards?

Our latest "Recommendation on Base Station Active Antenna System Standards" provides the industry with an updated set of parameter definitions, measurement methodologies and reporting processes. This enables a uniform way to describe the electrical and mechanical characteristics of the network side of the radio link (the "base station antenna").

Why do we need active base station antennas?

By using such a common approach describing active base station antennas, mobile networks can be better and more cost-effectively planned, engineered, and operated to ensure the high-quality mobile service that users, businesses and industry demand.

What are the standards for describing an active antenna system (AAS)?

The current release of the White Paper provides recommendations on standards for parameters describing an Active Antenna System (AAS). Specifically, electrical, mechanical and Electromagnetic Field (EMF) exposure related parameters and a format for electronic data exchange are introduced.

What is broadcast beam configuration?

broadcast beam configuration is a sub-set of broadcast beams within a broadcast beam set; it identifies the overall radiating behaviour of the AAS suitable for serving a certain deployment/coverage scenario. Broadcast beams in a given broadcast beam configuration could be selected sequentially in a loop over time.

This chapter looks into 5G key performance indicators and requirements and their relationships, and also introduces key enabling technologies and approaches. Many other parameters ...

Towards this pursuit of excellence, L& A directorate has brought out this Manual of Standards and Specification for Railway Stations to be used for development of station into world class station ...

This IoT base station supports multiple communication modes to servers (3G, Ethernet etc.) for flexibility to adapt to various scenes; multi-network hot backup is also available to improve ...

This specification is intended to cover complete design, engineering, assembling, testing at manufacturer's works, substation building, complete erection, testing, commissioning ...

Similarly, another document "Standard Technical Specification of transformers for Solar Park Pooling Station" was issued in June 2021 and shall be applicable for projects, which were ...



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