



BUHLE POWER

Communication outdoor base station acceptance specifications





Overview

What is type acceptance of base station (BS) equipment?

1. This document sets out the technical criteria for type acceptance of Base Station (BS) equipment (hereafter referred to as “the equipment”) for use in the Public Mobile Communications Services of 2.3GHz Evolved Universal Terrestrial Radio Access (E-UTRA) Time Division Duplex (TDD) network.

Which 3GPP base station conformance testing specification is applicable?

For BS type 1C and 1H the 3GPP base station conformance testing specification TS 38.141-1 applies. TS 38.141-2 is applicable to 1H, 1O and 2O BS types. Which advantages has internal fading simulation for 3GPP receiver performance testing?

How are NR base stations certified?

The NR base stations are now certified using several type acceptance criteria including TAC 0052, TAC 0073 and TAC 0114, which draw reference to the relevant specifications published by the 3rd Generation Partnership Project (“3GPP”) as follows for selected test items to ensure efficient use of radio spectrum and to avoid harmful interference –.

What are 3GPP base station types?

3GPP defines 3 different base station (BS) types: BS types 1C - conducted, 1H - hybrid, 1O – OTA for FR1 and 2O – OTA for FR2. For BS type 1C and 1H the 3GPP base station conformance testing specification TS 38.141-1 applies. TS 38.141-2 is applicable to 1H, 1O and 2O BS types.



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[5 GHz N300 Outdoor Wireless Base Station](#)

Jun 5, 2024 · Product Overview Dahua's DH-PFWB5-90n is 5 GHz base station that delivers high-performance and stable operation. This product combines an advanced radio core containing ...

[Recommendation on Base Station Antenna ...](#)

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[3GPP base station conformance testing](#)

3GPP defines 3 different base station (BS) types: BS types 1C - conducted, 1H - hybrid, 1O - OTA for FR1 and 2O - OTA for FR2. For BS type 1C and 1H the 3GPP base station conformance ...

[Recommendations for Base Station Antennas](#)

Jul 9, 2025 · Recommendations for Base Station Antennas 9. July 2025 / 2025, Publications The procurement, testing and deployment of base station antennas - a critical component in the ...



[Recommendation on Base Station Antenna Standards \(V11.1\)](#)

Mar 6, 2019 · This whitepaper addresses the performance criteria of base station antennas, by making recommendations on standards for electrical and mechanical parameters, by providing ...

SSAC Paper 3/2024

Feb 5, 2024 · The NR base stations are now certified using several type acceptance criteria including TAC 0052, TAC 0073 and TAC 0114, which draw reference to the relevant ...



[BS 5-90ac 11ac 5GHz WiFi Base Station_Alti-link](#)

11ac 5GHz WiFi Base Station BS 5-90ac
5km+ bridge distance (PTMP) 500+ Mbps
throughput Qualcomm QCA9563+QCA9882
18dBi sector antenna (90 degree)



Communication Base Station

The design and implementation of Tian-Power's communication backup solution aims to ensure the normal operation of the communication system in the event of a power outage or power ...



SENSORO ? Base Station Specification_EN V130.key

Jul 15, 2022 · 1. Product Overview ? Base Station by SENSORO, featuring excellent outdoor signal coverage and strong hardware protection, is designed and built for outdoor IoT ...

3GPP base station conformance testing

3GPP defines 3 different base station (BS) types: BS types 1C - conducted, 1H - hybrid, 1O - OTA for FR1 and 2O - OTA for FR2. For BS type 1C ...



HKTA 1009

Nov 11, 2020 · This document sets out the technical criteria for type acceptance of Base Station (BS) equipment (hereafter referred to as "the equipment") for use in the Public Mobile ...



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