

Base station communication equipment declaration

What is a base station used for?

Can be used for an export declaration. Base stations of apparatus for the transmission or reception of voice, images or other data; Examples: - Base stations for cellular network ...

What are the approval procedures for equipment authorization?

The Commission has two different approval procedures for equipment authorization - Certification and Supplier's Declaration of Conformity (SDoC). The required procedure depends on the type of equipment being authorized as specified in the applicable rule part.

Why do we need a GSM base station?

1) GSM base stations. supports the efficient use of radio spectrum in order to avoid harmful interference. In regards to interference to systems operating in adjacent bands guidance for single carrier BTS and multicarrier BTS is provided in ECC Report 146 [i.3].

What is a BS type 1 Nr base station?

BS type 1-C: NR base station operating at FR1 with requirements set consisting only of conducted requirements defined at individual antenna connectors. BS type 1-H: NR base station operating at FR1 with a requirement set consisting of conducted requirements defined at individual TAB connectors and OTA requirements defined at RIB.

Which Nr test configurations should be used for other NR base stations?

For other NR base stations, the test configurations in table 4.5-1 and table 4.5-2 shall be used. The NR test configurations (NRTCx) are defined in TS 38.141-1, subclause 4.7 for BS type 1-C and BS type 1-H and in TS 38.141-2, subclause 4.7 for BS type 1-O and BS type 2-O.

What is a communication link between a transmitter and a test equipment?

A communication link shall be established between the transmitter (via port for the BS type 1-C and BS type 1-H, or via RIB for the BS type 1-O and BS type 2-O) and the test equipment. Test equipment shall meet the requirements for the throughput assessment defined in TS 38.101-4 for the bearer used in the immunity tests.

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