

Agenda Item: 7.2
Source: JAPAN TELECOM CO., LTD., Mitsubishi Electric Co., NEC, NTT DoCoMo
Title: Definition of transmitting OFF state
Document for: Approval

1. Introduction

This document provides a proposal for 3GPP TSG RAN WG4 S4.01A v0.0.3. In this document, the definition of transmit off power is found.

In Section 6.5 Transmit OFF power, The transmission power OFF state isn't clearly defined.
So we propose definition of power OFF state.

2. Proposal for the definition

Transmit power OFF state is defined as following :

Transmit power OFF state is any UE's status which UE does not transmit except in DTX mode. At this status, possible worst case example for UE regarding maximum output transmit power could be as below.

After UEs transmitted RACH for the initial access to BS, UEs stop transmission, wait for BS response and prepare to transmission for RACH retransmission.

3. Text proposal

6.5 Transmit OFF power

This is defined as the maximum output transmit power within the channel bandwidth when the transmitter is OFF.

Transmit OFF state is any UEs which UE does not transmit except in DTX mode

6.5.1 Minimum requirement

The minimum requirement of transmitting OFF power is -50 dBm /4.096 MHz