

Agenda Item:

Source: Motorola
Title: Transmit intermodulation

Document for: Decision

1. Introduction

This document provides a proposal for 3GPP TSG RAN S4.01A v0.0.3(1999-02). This includes the addition to the definition of transmit intermodulation.

2. Text Proposal for 3GPP TSG RAN WG4 S4.01A v0.0.3

We propose to add the following line into the section 6.7.1.

The interfering signal should be unmodulated.

6.7.1 Transmit intermodulation

User Equipment(s) transmitting in close vicinity of each other can produce intermodulation products, which can fall into the UE, or BS receive band as an unwanted interfering signal. The UE intermodulation attenuation is defined by the ratio of the output power of the wanted signal to the output power of the intermodulation product when an interfering signal is added at a level below the wanted signal. The requirement of transmitting intermodulation for a carrier spacing of 5 MHz is prescribed in Table 6. The interfering signal should be unmodulated.