
Title: Clarification of spectrum mask requirements

Source: Vodafone

Agenda Item: 8.2

Purpose: Discussion & Decision

In Tdoc R4#6(99)390 a spectrum mask is proposed for the UTRA FDD UE. As RAN WG4 is aware, there is also an agreed specification for the Adjacent Channel Leakage Ratio (ACLR).

1. The two parameters specify related requirements. How will consistency be maintained between the spectrum mask and ACLR and how does RAN WG4 envisage that the two requirements should be tested.
2. The proposed spectrum mask applies when the UE is transmitting at its highest output power (+21 dBm). What are the requirements when TPC is applied and the UE is transmitting at lower powers?
3. It is proposed that in addition to the maximum absolute levels agreed for the spectrum mask, dBc requirements are included for lower power levels, until a suitable lower absolute level (i.e., exception s) is reached.
4. It is assumed that multi-code UE have to meet the same requirements as single code UE.

RAN WG4 is kindly asked to consider these statements and questions and provide answers or take decisions where appropriate.