

Anthony Serafini

From: Anthony Serafini
Sent: Thursday, August 11, 2016 3:38 PM
To: 'Steitz, Glenn (Nokia - US)'
Subject: Questions for 0461-EX-PL-2016

Mr. Steitz

Our International Bureau is asking for additional information regarding your application. Please respond to the following:

We have questions about the narrow emission bandwidth of 1K00N0N with 24.27 W (ERP).

What is/are the plan frequency(ies) of this narrow emission of 1K00N0N? If this narrow emission is kept at 5 or 10 MHz of the edges of the frequency range 3.7 to 4.2 GHz, then it might be possible for this narrow bandwidth to operate there.

Are the base station antennas tilted down towards the ground and don't point directly to the horizon? Also, if the base stations can transmit north to north-east and avoid transmission southward, it will help reduce potential interferences. Are the antennas directional? What is the main beam gain and 3dB beam-width?

Are the mobile stations also transmitting 24.27 watts (ERP)? Do they use the same antenna as the base station? What is the main beam gain and 3dB beam-width?

Regards
Tony Serafini