



To: Mr. Tim Johnson, American TCB
From: David Waitt
Subject: FCC RVW2230 , IC: 332R-2230 Class II Permissive Change / Reassessment
Justification for NOT performing "Dual Transmit Test"

Date: 12 January 2005

The current permissive change application for the Nortel 2230 radio requests to authorize the access point for use various external antennas. During the course of performing testing required for this permissive change, radiated emissions while transmitting simultaneously on 2.4 and 5 GHz was not performed. The reasons for not performing this test are outlined below.

When the unit was originally tested with the internal antennas, there were no visible intermodulation products detected. It is unlikely that intermodulation products would be created from the use of external antennas because the external antennas would be much further apart than the internal antennas.

The gains of the requested external antennas are not significantly higher than the gains of the internal antennas. Thus, when the increased distance between them is taken into account, there is no reason to expect any more interaction between the external antennas than there was between the internal antennas.

If there are any questions or if additional information is required, please contact me at david@waitt.us

On behalf of Nortel,

A handwritten signature in black ink, appearing to read "David Waitt".

David Waitt