



To: Mr. Tim Johnson, American TCB
From: David Waitt
Subject: FCC_RVW2230 , IC #: 332R-2230 Class II Permissive Change

Date: September 20 , 2004

This letter addresses your compliance concerns regarding the IC application for the access point radio referenced above. 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

ATCB 1) Please list the actual tunable frequency ranges for the 5825 – 5825 MHz band on the 731 form. This is what will appear on the ISM grant.

Nortel: The only IEEE 802.11 Channel that will be used in the 5825 - 5850 band is 5825 MHz. The 731 has been revised and uploaded

ATCB 2) From the plots provided, please note that the bandwidth appears incorrectly reported. It appears that the 99% bandwidth is 16.57 MHz, while the 20 dB bandwidth is 17.87 MHz. Please comment/correct.

Nortel: The 99% BW was incorrectly reported as the 20 dB BW. The report has been corrected and uploaded

ATCB 3) The 731 form shows a power of 54.32 mW, while the report suggests 27.227. However due to the 2 different paths, it seems that 54.32 mW should be correct. Please comment. Also note that a small typo appears to be in the power table.

Nortel: The 731 is correct in that it specifies the power out of the IEEE802.11 module , while the report specifies the power into each of the internal antennas. There is, of, course a -3dB drop in power through the 2-way power divider. The device should be certified for 54.32 mW since that is the power that would be allowed into an external 7.4 dBi antenna if one were used.

ATCB 4) If IC is being requested, please provide a copy of our IC form for this application.

Nortel: An IC form will be uploaded to the ATCB site

5) Please note that IC requires that for any Permissive Change application (Reassessment) that the TCB also have copies of what was originally provided to IC on file. Please upload these documents to the additional information folder. It would be helpful to have a copy of the original Certificate if available.

Nortel: The initial application documents will be uploaded to the ATCB site.