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NORTEL 4G HW Infrastructure

Response On ATCB Comments from April 18, 2008

Applicant : NORTEL

For original Equipment Application on :

FCC : AB6NT2G1LTEFRM3

IC : 332AF-2G1LTEFRM3

Issue date: April 18, 2008
Document Prime: Yan Papernov

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William,

Here is our response to your comments.

"1.) The Grantee code contact listed with FCC for AB6 is Marin Sampaleanu. The Application form, Confidentiality Request form and Cover Letters are signed by Yan Papernov. Under what authority does Yan Papernov speak on behalf of Nortel Networks? We must have an unbroken chain of authority between the Grantee code contact and the person signing all required regulatory correspondence."

Nortel YanP. April 18, 2007 --
Marin Sampaleanu's authorization letter to use the AB6 Grantee code is attached and also submitted on April 18, 2008.

"2.) The Confidentiality Request letter specifies Exhibits which typically are not held Confidential. Kindly provide additional justification for withholding Internal Photos, Test Setup photos, and Manuals from the public view. If Short-Term Confidentiality is requested, please provide a separate STC letter."

Nortel YanP. April 18, 2007 --
Internal photos : Confidentiality is required since the photos provide look into Nortel proprietary internal design.
Please note, that the previous Nortel submission (FCC AB6NT2100MFRM3) used the same approach.

Test Setup photos -- Updated as per request and re-submitted on April 18, 2008.

Manuals : Confidentiality is required since this is Nortel proprietary design related information.
Please note, that the previous Nortel submission (FCC AB6NT2100MFRM3) used the same approach.

"3.) Please provide an MPE exhibit specific to this product. You have provided a "generic" "Antenna Siting Guideline". We prefer to have clearer definitions as to what are allowed antennas, and with what maximum gain.."

Nortel YanP. April 18, 2007 --
Updated as per request and re-submitted on April 18, 2008.

"4.) Kindly provide larger, better external photographs. We prefer to have an "orthographic projection" photographic set of the device for which Certification is sought. It is impossible from the supplied photos to determine which box is the sample, nor the available controls/ports."

Nortel YanP. April 18, 2007 -- Provided the larger photos and re-submitted on April 18, 2008.

"5.) The frequency range specified on Form 731 must be from the center of the lowest operating channel to the center of the highest operating channel. I believe this should be 2115-2150 MHz. Please confirm the application as needed."

Nortel YanP. April 18, 2007 --
Form 731 updated as per request and re-submitted on April 18, 2008.

"6.) The power specified on Form 731 should be the measured power. In addition, kindly indicate if the RF power for this MIMO device is single carrier, two carrier, composite, etc."

Nortel YanP. April 18, 2007 --
Form 731 updated as per request and re-submitted on April 18, 2008.

"7.) Please specify the maximum power rating allowed in the Rules per 2.1033(c)(7)."

Nortel YanP. April 18, 2007 --
Form 731 updated as per request and re-submitted on April 18, 2008.

"8.) Please specify the maximum voltage and current through the final amplification circuit as required by 2.1033(c)(8)."

Nortel YanP. April 18, 2007 --
Form 731 updated as per request and re-submitted on April 18, 2008.

"9.) Please provide a tune up procedure as required by 2.1033(c)(9). In lieu of a maintenance or field tune up procedure, a document describing how RF power is established and maintained during manufacturing is acceptable. Note that this document can be held confidential if listed on the Confidentiality Request letter."

Nortel YanP. April 18, 2007 --
Exhibit 11A Tune Up Procedure submitted on April 18, 2008. as per request.

"10.) The Test Report is marked "Restricted" and "Nortel Confidential". You are reminded that Test Reports are open for public inspection at the FCC website. Test Reports are never allowed to be held Confidential."

Nortel YanP. April 18, 2007 --
Updated as per request and re-submitted on April 18, 2008.

"11.) The Test Report appears to have active web links that supposedly open additional documents for test procedures. Embedded links are not permitted in FCC Test Reports. Kindly remove, and provide proper test procedure descriptions.

Nortel YanP. April 18, 2007 --
Updated as per request and re-submitted on April 18, 2008.

Please let me know if you have any questions/comments.

Thank you very much in advance.

Yan Papernov
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