

December 12, 2005

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Federal Communications Commission  
7435 Oakland Mills Road  
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To: Mr. Martin Perrine

RE: FCC ID: QMNRM-41

Responses to FCC Questions:  
(Correspondence Reference Number: 25063, 731 Confirmation Number:  
TC222213)  
Dated December 5, 2005

A Regarding your answer to question 1, the user instructions do not seem to address HAC requirements for antenna position.  
Please update accordingly.

**Updated User Guide attached. See page 87.**

C Regarding your answer to question 4, please readdress.  
**Please find attached data.**

D Regarding your answer to question 5, please readdress.  
**Please find attached data.**

E Regarding your answer to question 9, please readdress.  
Please list all available modes of operation. Please demonstrate the RC2/SO9 is worst case.  
Please provide peak and average power for all possible modes of operations.

**Please find supporting data attached.**

HAC RF emissions testing of QMNRM-41 was carried out in RC2/SO9 mode.  
The power detection integral to QMNRM-41 is a peak detector with an averaging capacitor. Power control based on such power detection is somewhat sensitive to PAR (peak-to-average-ratio). The device has SW compensation, which keeps the variations of the time-average maximum output power, due to PAR differences in different modes, to less than 0.2 dB.  
The sample used for HAC RF emissions testing had its power level set 0.2 dB higher than the mass production tuning target.  
Based on the above information, the HAC RF emissions report of QMNRM-41 gives an appropriate picture of the HAC RF emissions performance of the device.

Elizabeth Parish  
Product Certification Officer  
Nokia Dallas