

**Thomas N. Cokenias**      *EMC & Radio Approvals*  
*Test & Consulting Services for Commercial, Military, International Compliance*  
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FCC Laboratory  
7435 Oakland Mills Road  
Columbia, MD 21046

27 December 2005

Attention: Reviewing Engineer  
Re: Class 2 permissive change application for Vyyo Inc.

FCC ID: PBJV284-A

Date of Original Grant: 11/21/2005

Equipment: Part 27 Non-Broadcast Transmitter, A-band 776-777 MHz

Hello,

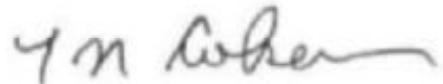
The firmware and software of the referenced device have been modified to accommodate different channel bandwidths from 200-400 kHz. No hardware changes have been made to the product. The affected rule sections are 47CFR27 sections 27.53 (d) through (f).

The Rules seem ambiguous with respect to allowed channel bandwidth, since the entire 776-777 MHz allocation is assigned to a single licensee. As such, in-band emissions are the concern of the licensee, whereas out of band emissions must meet all emissions limits in the Rules in order to protect other users of the spectrum.

A test report has been submitted as a separate attachment. This test report demonstrates that for channel bandwidths as high as 400 kHz, out of band emissions are well within the attenuation minimum of  $43 + 10\log P$  dB below transmitter output power (-13dBm limit), as required by paragraphs 27.53(d)3 and 27.53(f).

If you have questions or need further information, please contact the undersigned.

Sincerely,



THOMAS N. COKENIAS  
EMC Consultant  
Agent for Vyyo