

Date: 09/10/2006
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Form 442 Question 7: Experimentation Description

Experimental Description

a. The complete program of research and experimentation proposed including description of equipment and theory of operation.

Portsonic Communications, LLC is developing a new custom software application for broadcast automation.

The custom software application research will involve testing transmissions of audio programs monitored through a Microsoft Visual Basic.NET (VB.NET) application our organization is developing for usage on the Internet as well as the AM broadcast spectrum. The research will help us to develop the application programming interfaces between analog and digital signals which the program will monitor as well as transmit.

We will be using a PCS Electronics AM MAX-2 DSP Transmitter for processing the analog signals from the VB.NET application over the airwaves for listeners to provide feedback to us.

b. The specific objectives sought to be accomplished.

Portsonic Communications, LLC will compile an online web database of listener feedback based on the audio transmissions going through the VB.NET application.

c. How the program of experimentation has a reasonable promise of contribution to the development, extension, expansion or utilization of the radio art, or is along line not already investigated.

The program of experimentation will continue the enhancement of digital broadcasting on the AM broadcast band. The Portsonic Communications, LLC application programming interfaces between analog and digital signals will give users of our VB.NET application the ability to eliminate analog processing completely and switch to a more favorable digital signal through the software.