

From: Azim Sonawalla

To: Doug Young
Date: July 17, 2013

Subject: Request for Info - STA File #0674-EX-ST-2013

Message:

Hi Doug,

- 1) If we need coordinates and a radius, we can use these values: 40.599560, -75.366201, radius 2km
- 2) Device uses audio spectrum bandwidth centered around 1.25Mhz +- 500Khz to allow testing antenna effectiveness at slightly different frequencies
- 3) This is something we have actually been struggling with. We believe our device MAY qualify under Part 15, but after reading through the examples (listed here:
<http://www.ecfr.gov/cgi-bin/text-idx?c=ecfr&rgn=div6&view=text&node=47:1.0.1.1.16.1&idno=47>) we are not entirely sure. Perhaps you can help clarify this for us?

A brief description of the device: It is a personal voice amplifier designed for firefighters and other public safety individuals. This device will be designed to only transmit from one part of the firefighter's worn gear to another (meaning that the effective range does not need to exceed the height of an average person- extremely low requirements). We have decided to make it wireless because of the unique needs of those in public safety and the configuration of their modern gear.

Please let me know what you think, and whether or not we need to continue to pursue the STA, or whether we qualify as a Part 15.

-Azim Sonawalla