

From: Wayne Morris [<mailto:5600wayne@gmail.com>]
Sent: Wednesday, December 13, 2017 7:24 PM
To: Hally, Iain <hally@srcinc.com>
Subject: Re: AFTRCC Coordination with SRC, Inc.

Notice: This message originated outside of SRC.

This appears as to work subject to notification of testing (dates/times) to this address and valid STOP Buzzer in case of interference to AFTRCC spectrum and Sikorsky flight test operations in that area. For future reference, all use of the bands 1435-1525 and 2360-2395 MHz require prior coordination with AFTRCC.

V/R

Wayne Morris
AFTRCC Telemetry Coordinator
903-450-5942

On Wed, Dec 13, 2017 at 3:17 PM, Hally, Iain <hally@srcinc.com> wrote:

Wayne;

This is Iain Hally and Tony Cimo at SRC, Inc. referring to the phone call earlier today.

As we discussed we have gone through the process of getting FAA approval for our 145 MHz system for various locations, but at the Syracuse, NY location the center-band given to us by the FAA (1363 MHz) causes our top end to encroach on the 1435-1525 MHz band covered by AFTRCC.

Per our discussion:

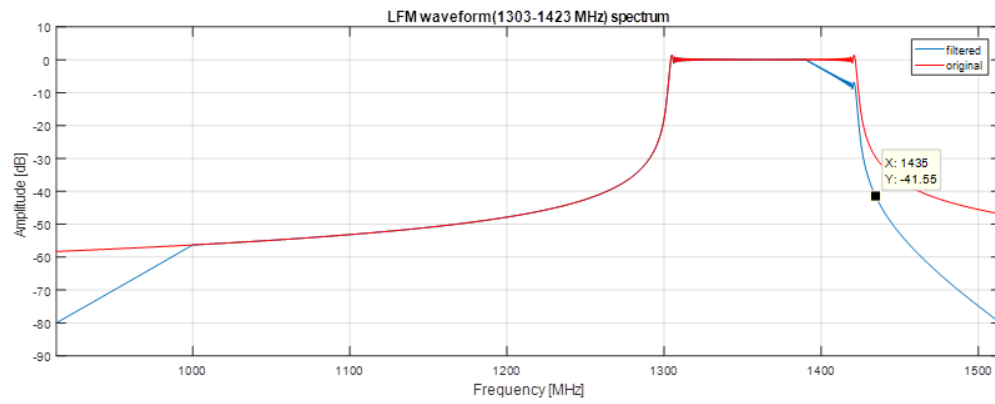
- We will reduce the operational bandwidth for use in Syracuse (or other locations that may interfere)
- Since we are approved for 145 MHz through the FAA, we are assuming a reduction in bandwidth will not require re-approval

I have run our analysis below to get us to -40 dB operation at 1435, if this is not adequate then we will be sure to coordinate operation at this frequency with the following:

- Co-ordinate operation with AFTRCC when we plan to radiate
- Provide a stop-buzzer contact number
- Co-ordinate any mitigation if possible

We would propose 120 MHz of operation which would put us 40 dB down at 1435 MHz with our front-end filtering:

Our transmit is 100 mW peak, ~700 mW EIRP, continuous wave sweeping over 20.48 micro-seconds.



Please let us know if this looks ok and we can contact the FCC to let them know that we have worked out the details.

Thanks;

-Iain