

Kyle Lyke

From: Hankins, Danny <dhankins@txtav.com>
Sent: Wednesday, June 9, 2021 10:42 AM
To: Kyle Lyke
Cc: sneyder.jimenez@aftrcc.org
Subject: RE: Continuous Wave Immersion Frequency Coordination

Hi Kyle,

The situation hasn't changed. If you notch out the frequencies below, you will not be transmitting on any AFTRCC coordinated frequencies below 1 GHz. Since you are not transmitting on AFTRCC frequencies, you will not need to coordinate with AFTRCC.

Best,

Dan Hankins
AFTRCC Coordinator
dhankins@txtav.com
620.332.0432 PHONE
www.aftrcc.org

From: Kyle Lyke <klyke@ara.com>
Sent: Wednesday, June 9, 2021 9:58 AM
To: Hankins, Danny <dhankins@txtav.com>
Cc: sneyder.jimenez@aftrcc.org
Subject: Continuous Wave Immersion Frequency Coordination

Dan,

I am in the process of obtaining another experimental FCC transmission licenses. The transmission site will be in Houston, TX. This is in support of Continuous Wave Immersion testing where we transmit at discrete frequencies between 100kHz and 1GHz. I have been asked to coordinate transmission with AFTRCC. I reached out to you a few months ago for the same reason. We agreed to notch out the following frequencies:

HF Frequencies (+/- 2.80 kHz bandwidth): 2.851, 3.004, 3.281, 3.443, 5.451, 5.469, 5.571, 6.550, 8.822, 10.045, 11.288, 11.306, 13.312, 17.964 and 21.931 MHz

VHF Frequencies (+/- 12.5 kHz bandwidth): 123.125, 123.150, 123.175, 123.200, 123.225, 123.250, 123.275, 123.325, 123.350, 123.375, 123.400, 123.425, 123.450, 123.475, 123.525, 123.550, 123.575 MHz. (note that 123.3 and 123.5 MHz are not AFTRCC coordinated frequencies). This can be broken into three ranges as follows: 123.1125 – 123.2875MHz, 123.3125 – 123.4875 MHz, and 123.5125 – 123.5875 MHz

Can you confirm that it is still sufficient to notch out the above frequencies? We were successfully able to avoid transmitting in these ranges during previous experiments.

Thank you,
Kyle