

## Kyle Lyke

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**From:** Hankins, Danny <dhankins@txtav.com>  
**Sent:** Tuesday, April 6, 2021 11:09 AM  
**To:** Kyle Lyke  
**Cc:** sneyder.jimenez@aftrcc.org  
**Subject:** RE: Continuous Wave Immersion Frequency Coordination

Sounds good.

Happy Testing!

Dan

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**From:** Kyle Lyke <klyke@ara.com>  
**Sent:** Tuesday, April 6, 2021 11:02 AM  
**To:** Hankins, Danny <dhankins@txtav.com>  
**Cc:** sneyder.jimenez@aftrcc.org  
**Subject:** RE: Continuous Wave Immersion Frequency Coordination

Dan,

Thank you for your quick response! We do not transmit over 1 GHz. I'll be sure to notch out the HF and VHF frequencies previously mentioned.

Best,  
Kyle

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**From:** Hankins, Danny <[dhankins@txtav.com](mailto:dhankins@txtav.com)>  
**Sent:** Tuesday, April 6, 2021 11:00 AM  
**To:** Kyle Lyke <[klyke@ara.com](mailto:klyke@ara.com)>  
**Cc:** [sneyder.jimenez@aftrcc.org](mailto:sneyder.jimenez@aftrcc.org)  
**Subject:** RE: Continuous Wave Immersion Frequency Coordination

Hi Kyle,

I don't remember exactly what frequency range(s) you were seeking to test on, so I am expanding my answer to include AFTRCC coordinated telemetry bands.

For HF and VHF, excluding the frequencies and ranges you have below eliminates the need to coordinate with AFTRCC.

If you are licensing frequencies within our telemetry bands (1435-1525 MHz, 2360-2395 MHz, and 5091-5150 MHz), AFTRCC coordination would be required for their use.

Regards,

**Dan Hankins**  
AFTRCC Coordinator  
[dhankins@txtav.com](mailto:dhankins@txtav.com)  
620.332.0432 PHONE

**From:** Kyle Lyke <[klyke@ara.com](mailto:klyke@ara.com)>  
**Sent:** Tuesday, April 6, 2021 9:55 AM  
**To:** Hankins, Danny <[dhankins@txtav.com](mailto:dhankins@txtav.com)>  
**Cc:** [sneyder.jimenez@aftrcc.org](mailto:sneyder.jimenez@aftrcc.org)  
**Subject:** Continuous Wave Immersion Frequency Coordination

Dan,

I am in the process of obtaining two experimental FCC transmission licenses. One transmission site is at White Sand Missile Range in New Mexico and the other is in San Antonio, TX. I have been asked to coordinate transmission with AFTRCC. I reached out to you last year for the same reason, not sure if you remember. Last year, we were asked 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 – 123.2875 MHz, 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 for both test sites? We were successfully able to avoid transmitting in these ranges during previous experiments.

Thank you,  
Kyle