

**AEROSPACE & FLIGHT TEST RADIO COORDINATING COUNCIL®**

**616 E. 34<sup>th</sup> Street North, Wichita, KS 67219  
TELEPHONE (316) 821-9516**

Letter of Frequency Recommendation, Experimental

**Coordination No. 1802004**

To: University of Alaska – Fairbanks Geophysical Institute                      2-9-2018  
 Attn: Dean M. Karjala  
 Mile 11.3 Tok Cutoff Road  
 Gakona, AK 99596

AFTRCC concurs with your request for a Special Temporary Authorization (STA) for Experimental Testing during the period 16-March, 2018 thru 15-September, 2018. The following details are applicable to your request. The locations and/or addresses of the transmitters is/will be:

Gakona, Valdez-Cordova Census Area, AK  
 Fixed Station Coordinates: 63-19-20 N Lat, 145-10-50 W Lon

Frequencies, emission designators, and maximum transmit power assigned to this recommendation are as follows:

<b>Frequency</b>	<b>Power</b>	<b>Station Class</b>	<b>Emission(s)</b>
2851 kHz	645.654 MW	FX	40K5A3N 46K0F3N 16K0N0N 16K0M0N 26K0P0N 43K0H0N
3004 kHz	645.654 MW	FX	40K5A3N 46K0F3N 26K0N0N 16K0M0N 26K0P0N 43K0H0N

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<b>Frequency</b>	<b>Power</b>	<b>Station Class</b>	<b>Emission(s)</b>
3443 kHz	1.071 GW	FX	40K5A3N 46K0F3N 26K0N0N 16K0M0N 26K0P0N 43K0H0N
5451 kHz	1.819 GW	FX	40K5A3N 46K0F3N 16K0N0N 16K0M0N 26K0P0N 43K0H0N
5469 kHz	1.819 GW	FX	40K5A3N 46K0F3N 16K0N0N 16K0M0N 26K0P0N 43K0H0N
5571 kHz	1.819 GW	FX	40K5A3N 46K0F3N 16K0N0N 16K0M0N 26K0P0N 43K0H0N
6550 kHz	2.45 GW	FX	40K5A3N 46K0F3N 16K0N0N 16K0M0N 26K0P0N 43K0H0N
8822 kHz	3.63 GW	FX	40K5A3N 46K0F3N 16K0N0N 16K0M0N 26K0P0N 43K0H0N

**This authorization is valid only during the period Mar 16, 2018 – Sep 15, 2018.**

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*AFTRCC recommends the FCC add the following restriction(s) to the grant of this authorization:*

*“Experimental use is secondary to, and must not interfere with, Flight Test operations.*

***SPECIAL CONDITIONS: SCHEDULING WITH AFTRCC IS REQUIRED. Licensee must provide notification to AFTRCC at least 24 hours in advance of operations via email to [coord\\_hf@aftrcc.org](mailto:coord_hf@aftrcc.org), and include a current Stop Buzzer POC and phone number.***

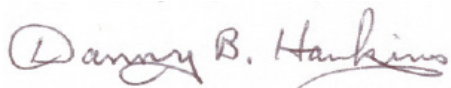
*Renewal of this STA is subject to prior coordination with AFTRCC Frequency Advisory Committee, [www.aftrcc.org](http://www.aftrcc.org)”*

This recommendation is advisory only and not binding on you or the FCC. It does not constitute a judgment that the frequency(ies) specified is/are best suited to your purpose or that the assignment is exclusive to your Company. In utilizing this recommendation, the Company agrees to release and hold harmless AFTRCC, its officers, members, agents, and representatives from and against any claims, losses, damages, or expenses that may arise as a result of your Company’s use of the frequency(ies) specified.

This recommendation letter will be valid only for a period of 90 days from the date on this letter. If an application for License has not been filed with the Federal Communications Commission within that period, it will be necessary to request a new frequency recommendation.

The original of this letter should be attached/forwarded to your application for a license when it is filed with the Federal Communications Commission.

AFTRCC Frequency Advisory Committee



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