

May 11 2021

Federal Communications Commission

Via E-file

To whom it may concern,

The objective of this experimental license is to study propagation in the E and F layers of the ionosphere in the frequency range 40.66-40.70MHz and 72.10-72.25Mhz. This study will take place in cooperation with stations located in Slovenia, Ireland, South Africa (40.66-40.7Mhz) and stations located in Bahrain, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Cyprus, Denmark, Estonia, Faroe Islands, Finland, Åland Islands, Greece, Greenland, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Monaco, Montenegro, Namibia, Netherlands, Norway, Poland, Portugal, Azores, Madeira, Romania, Serbia, Slovakia, Slovenia, Somalia, South Africa, Spain, United Arab Emirates, United Kingdom, Gibraltar, Guernsey, Isle of Man, Jersey and St. Helena, (72.1-72.5Mhz) and other locations yet to be license. This study is being conducted over solar cycle 26 which is estimated to conclude in 2032. The propagation of 40.66-40.70 and 72.1-5mHz has not been conducted on a global scale and the inclusion of a station that can provide both Northern Hemisphere Transoceanic and Trans Equatorial Oceanic propagation prediction data could lead the better understanding of the currently underutilized spectrum in the lower VHF range.

Sincerely

Gregory F Holcomb Jr