

TrellisWare Technologies, Inc.
Experimental Application No. 0362-EX-CN-2021
Justification of a Military Related Purpose

TrellisWare Technologies, Inc. (“TrellisWare”) hereby provides information concerning its pending application for experimental authority to operate in the following frequency bands:

230-232 MHz
237-238.2 MHz
237.600 MHz
240-243 MHz
245-250 MHz
260-262 MHz
264-265.2 MHz
271.600 MHz
271-272.2 MHz
286-287.2 MHz
286.600 MHz
300-304 MHz
302.000 MHz
311-313 MHz
320-321.2 MHz
344-345.2 MHz
361-362.2 MHz
361.600 MHz
364-369 MHz
373-376 MHz
398-400 MHz

Military Purpose & Government Contract Information

This experimental license is requested for the purpose of conducting testing of Trellis Ware’s TSM-enabled software defined radios (“SDRs”) pursuant to the following U.S. Government contract:

Agency: CSISR, U.S. Army, *via* National Spectrum Consortium

Contract No. NSC-19-9020

Government POC: Mr. Herald Beljour, (973) 445-9263, herald.beljour.civ@mail.mil

TrellisWare is currently under contract to the U.S. Army to develop and test software-defined tactical radios (“SDRs”) and waveforms. TrellisWare needs to conduct real-world testing at multiple frequencies, specifically the frequencies listed above.

TrellisWare will provide mobility and scalability across one network, and robust communication in harsh RF environments. TrellisWare will also troubleshoot technical issues, and train its applicable employees on all aspects of the SDRs to ensure the highest quality customer support.

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TrellisWare submits that issuance of the requested experimental license will serve the public interest, convenience and necessity. The subject SDRs will contribute to the expansion of services to government & defense, by providing robust communications solutions when other radios cannot accommodate large-scale, highly mobile, or harsh RF environment missions. Grant of the requested experimental license will enable TrellisWare to conduct necessary testing and product development that will ensure that the subject SDRs are properly designed so that they will be operational at the highest level of efficiency when used by its government & defense customers.