

July 11, 2024

In re Application of

Domo Tactical Communications  
20122 Ashbrook Place, Suite 150  
Ashburn, Virginia 20147

To operate in the 2200-2290MHz Telemetry Bands at Camp Roberts, California.

ATTN.: Microwave Branch

Domo Tactical Communications hereby requests Special Temporary Authority (STA) to operate within the 2200-2290MHz telemetry bands pursuant to Section 21.25 of the Commission's Rules. Domo Tactical Communications requests that the Commission grant it temporary authority to operate on the frequency centered at 2250MHz with a 20MHz bandwidth from August 05, 2024, through August 09, 2024, with intermittent usage. If the 2250MHz frequency range is unavailable, any 20MHz channel within the band 2200-2290MHz will suffice. As explained below, Domo Tactical Communications is filing an STA request to support live MESH networked field radio experimentation for the Joint Interagency Field Experimentation 24-4 at Camp Roberts near San Miguel, California. Domo Tactical Communications submits that there are extraordinary circumstances warranting a grant of the STA request.

Domo Tactical Communications is demonstrating MESH networking emission technologies for the Joint Interagency Field Experiment 24-4 as it relates to data coherency, propagation, data throughput, vehicle integration and impact. Due to the extreme frequency congestion in Central California, coupled with the added congestion from traditional Television and News coverage of area events, Domo Tactical Communications requests the use of these channels.

Domo Tactical Communications certifies that the operation of the requested channels for the purposes specified herein will not cause interference to any established stations.

Grant of the instant request for STA for the 2.2GHz band would serve the public interest by enabling Domo Tactical Communications to demonstrate the reliability of their emission scheme as it relates in an aerial exercise in a wireless MIMO/MANET configuration. The proposed service would enable demonstration of the BluSDR-30-C and the BluSDR-30-B transceivers / antenna array in an aerial exercise.

In accordance with Section 74.633 of the Commission's Rules, the following is provided:

Applicants Name: Domo Tactical Communications  
Address: 20122 Ashbrook Place, Suite 150  
Ashburn, Virginia 20147

Type and Manufacturer Domo Tactical Communications  
Of Equipment: BluSDR-30-C

Power Output: 2W

ERP: 8W AERIAL

Emission: 20M00D7W

Frequency: 2250.0MHZ, 20M00D7W @ 8W AERIAL

Type and Manufacturer Of Equipment: Domo Tactical Communications  
BLUSDR-30-B

Power Output: 2W

ERP: 8W AERIAL

Emission: 20M00D7W

Frequency: 2250.0MHZ, 20M00D7W @ 8W AERIAL

Area of Operation: 20Km

Coordinates: N 35 47 55.36  
W 120 44 36.16

Antenna Height: 500' AGL

Antenna: Omni

Antenna Gain: 3.4dBi

Dates of Operation: August 05, 2024 – August 09, 2024  
(Intermittent Usage during these days)

Domo Tactical Communications requests an STA to operate on the above-referenced frequency for a period not to exceed six months. No application for regular authorization will subsequently be filed.

Domo Tactical Communications certifies that no party to the application is subject to a denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C § 853(a).

Should you have any questions regarding this matter, please contact, John Winch, by telephone 626 676 1470.

Respectfully submitted,

By: John Winch  
Frequency Coordinator