We have scheduled testing at the Maryland Fire and Rescue Institute (MFRI) along with government participants. This is for the Thunderstorm 19-4 "Limited Demo and Experimentation for sense Through the wall Tech" for the Army Research Lab (POC for reference: thunderstormsttw@arl.psu.edu). We need FCC approval for **ISM** band/Part 15 approval, **Special Temporary Authority** (STA). This serves to rapid prototype for the DoD Rapid Reaction Technology Office (RRTO)

Our radar has a working frequency between 8-12GHz, transmitter power of 10mW, and antenna gain of 9dB from Sept 10-20, 2019



