

TUV SUD America is requesting a license to perform radiated immunity testing per CE requirements for the European Union on vehicles that do not fit into our shield rooms. We wish to perform this testing at our FCC registered Open Area Test Site in Taylors Falls, MN. Our attempt is to generate a 30 V/m (maximum) field strength 2 meters away from our transmitting antenna over the frequency range of 20-1000 MHz (the frequency bands requested are to avoid restricted bands), 3 V/m field strength 2 meters away from our transmitting antenna from 1400-2000 MHz (the frequency bands requested are to avoid restricted bands), and 1 V/m field strength 2 meters away from our transmitting antenna from 2000-2700 MHz (the frequency bands requested are to avoid restricted bands).

The closest building to us is Wild Mountain Ski Resort, which is 1 mile away, otherwise the next farm is almost 2 miles away. Typical test usage is probably less than 2 days/month on average. Our test antennas will be directed at the vehicle under test, although biconical antennas are used below 1000 MHz.

If you have any other questions concerning this application, please let me know, thanks in advance. We have been performing this testing under STA's for the past several years, and am unaware of any complaints of interference. We were recently advised by the FCC (Mr. Jose Trevino), to handle this with a license, as they prefer not to extend STA's more than a couple times.

Joel T. Schneider