

Experimental License Renewal

Motorola Solutions hereby request that experimental license WK2XOZ be renewed for a full 2 year term. The current license expires on February 1, 2021.

This experimental license is used by Motorola Solutions to conduct low power testing of base station and subscriber devices within the MSI production facility in Elgin, Illinois. The purpose of these transmissions is to test, calibrate and perform proof of performance certification of production equipment prior to shipment. Equipment utilized during these tests will operate at low power levels. All base station equipment are terminated into RF attenuators to ensure that conducted RF output levels are reduced to a maximum level of 0dBm/1mW. Tests are conducted indoors at the Elgin. MSI limits the power, area of operation, and transmitting times to the minimum necessary to support an effective indoor, immediate area demonstration and collection of data. MSI limits emissions levels at the physical confines of the building to -90dBm or lower.

The license provides authority to test devices that are being manufactured to be exported out of the United States or for U.S. Federal Agencies so the requested frequency bands include allocations that are not normally available for non-government users in the United States. Renewal of this authority will enable MSI to continue pursuing global market opportunities while generating US-based employment opportunities. Renewal of this authority will also allow MSI to continue to develop and produce equipment for Federal system deployment.

Motorola Solutions has not received any complaints of interference during the term of the existing license. The stop buzzer point of contact continues to be Gregory Buchwald at (815) 351-4020.