

**SHEBOYGAN COUNTY SHERIFF'S DEPARTMENT
OFFICE OF THE SHERIFF**

*Cory L. Roeseler, Sheriff
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Ms. Marlene H Dortch, Secretary
Federal Communications Commission
445 12th Street SW
Washington, DC 20554

Re: GN Docket #17-183, "Expanding Flexible Use in Mid-Band Spectrum Between
3.7 GHz and 24 GHz"
ET Docket #18-295, "Unlicensed Use of the 6 GHz Band"

Dear Ms. Dortch:

I am filing this letter on behalf of the County of Sheboygan Wisconsin Sheriff's Office.

The Sheboygan County Sheriff's Office is an incumbent licensee of several microwave links within the 6GHz band. These 6GHz links are used to connect seven tower sites that support the Sheboygan County Public Safety P25 Trunked Radio System. This system is used by all public safety agencies within Sheboygan County including police, sheriff, fire, EMS, first responders, DNR, etc. Also included are all municipal departments of public works, county highway, transit, and airport operations. These agencies serve approximately 115,300 citizens throughout the County and City of Sheboygan.

We are deeply concerned over the potential interference within the 6GHz band should unlicensed or flexible use of this band be allowed without strict safe guards to insure that incumbents are protected. Any interference to our backhaul could cause safety concerns for not only our public safety users, but to the public they serve.

At the very least, "AFC" (automated frequency coordination) must be a requirement for any unlicensed devices deployed within the 5925-6425 MHz and 6525-6875 MHz bands regardless of power level or location. I have experienced interference within the unlicensed 5.8-5.925 GHz ISM band, and the 5.15-5.25 GHz UNII band, due to poor installation practices by others, finding these sources of interference was difficult, costly, and time consuming. The potential of having this happen within the 6GHz band would be unacceptable.

We ask the FCC to study the data provided by the Fixed Wireless Communication Commission. If this rule change is allowed to go into effect, we ask the FCC to take every measure possible to insure incumbents are protected, and if interference occurs, how will such interference be mitigated.

Respectfully Submitted



Russell Schreiner

Chairman,

Sheboygan County Communication Council

Sheboygan County Sheriff's Office

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